

**APPLICATION FOR RECOGNITION OF HEI/
PROGRAMMES UNDER OPEN AND
DISTANCE LEARNING MODE UGC (ODL)
REGULATIONS, 2017**

**For Academic session beginning
July, 2018**



**Submitted by:
Gauhati University**



GAUHATI UNIVERSITY

Gopinath Bordoloi Nagar:: Guwahati - 781014:: Assam, India

Ph: 0361-2570415 (O), Fax: 0361-2700311

Website: www.gauhati.ac.in, Email : registrar@gmauhati.ac.in

Memo No: IDOL/GU/Dir/6(A)/2017/ 1581

Dated: 23/09/2017

**From: Dr. S.K. Nath, M.A., B.Ed., Ph.D.
Registrar
Gauhati University**

To

The Secretary
University Grants Commission
Bahadur Shah Zafar Marg
New Delhi-110002

Sub: Recognition of ODL programmes

Sir,

This is to inform you that Gauhati University Institute of Distance and Open Learning has applied for recognition/approval of 29 programmes to be offered in ODL mode from the academic session 2018-2019.

As desired, the application along with the relevant annexures has been uploaded in the UGC website on 23.09.2017.

In addition to the above, the hard copies of the application are herewith submitted for kind consideration at your end.

Thanking you.

Yours faithfully


23/09/17
Dr. Suresh Kumar Nath
Registrar
Gauhati University

Documents Enclosed:

1. Application in UGC format Part A, B & C (In triplicate)
2. All relevant documents as required by UGC (In triplicate)



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CERTIFICATE

Date: 23.09.2017

This is to certify that all the documents submitted herewith by Gauhati University Institute of Distance and Open Learning (GUIDOL) for recognition/approval of programmes to be offered in ODL mode from the academic year 2018-2019 is correct to the best of my knowledge.


23/09/17
Dr. Suresh Kumar Nath
Registrar
Gauhati University

গোহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

CORRIGENDUM

UGC-DEB Proposal for the Academic Session July 2018

After online submission of Application Form on dated 23/09/2017, in all respect to UGC-DEB for recognition/approval of programmes to be offered in ODL mode by the **Gauhati University**, some minor typographical errors have appeared which are mentioned below:

1. Bachelor of Arts/Bachelor of Commerce (General Courses), the word 'courses' appears as 'cources'
2. Mismatch of name of 'Master of Communication and Journalism (MCJ)' programme with PPR
Present proposed name of MCJ programme is MAMC (Master of Arts in Mass Communication) which is as per UGC Regulations 2014.
3. Bachelor of Science (Information Technology) is mentioned General Programme at Part- A. It should be *Professional*.
4. In the programme namely 'Bachelor of Computer Applications' the preposition '**of**' is missing.

The above errors to the extent possible have been corrected.

In addition to the above, the following detailed faculty positions cannot be incorporated in online Application Form is as under,

- i. Assistant Professor in Economics. (Interview has held on 14.09.2017, result will be declared soon)
- ii. Academic Consultants in Philosophy, Bodo, History and Mathematics are advertised and to be recruited soon.

**APPLICATION FOR RECOGNITION OF HEI / PROGRAMMES UNDER OPEN AND DISTANCE LEARNING MODE
UGC (ODL) REGULATIONS, 2017**

Academic session beginning July, 2018

Part A**Higher Educational Institutions Details**

Registration Id :	DEB/ASS/198/2017/89
Name of the Higher Educational institution :	GAUHATI UNIVERSITY
Address :	GOPINATH BARDOLOI NAGAR, JALUKBARI, GUWAHATI
Tel :	8876038485
Email :	SKNATH@GAUHATI.AC.IN
State :	ASSAM
Fax :	03612700311
Official Website :	WWW.GAUHATI.AC.IN
Name of the Vice Chancellor :	DR. MRIDUL HAZARIKA
Name of the Pro Vice Chancellor/Recto(r) (if any):	PROF. HARI PRASAD SARMA
Name of the Registrar	DR. SURESH KUMAR NATH
Name of the School/Centre of Distance Education :	INSTITUTE OF DISTANCE AND OPEN LEARNING
Address of the School/Centre of Distance Education:	INSTITUTE OF DISTANCE AND OPEN LEARNING (IDOL) GAUHATI UNIVERSITY GOPINATH BARDOLOI NAGAR, JALUKBARI, GUWAHATI 781014
Tel of the School/Centre of Distance Education:	03612573887
Email of the School/Centre of Distance Education:	DIRECTOR_IDOL@GAUHATI.AC.IN
Fax of the School/Centre of Distance Education:	03612573887
Official website for distance education, if any :	WWW.IDOLGU.IN
Name of Director/Head of School/Centre of Distance Education :	PROF PRANAB JYOTI DAS
Designation :	DIRECTOR
Mobile No. :	8811092694
Type of Institution :	STATE
Year of establishment of HEI :	1948
Recognition status of the HEI as per UGC Act, 1956:	SECTION 2(F)
Is HEI also recognized under 12 (B):	YES
NAAC Grade Obtained :	B

Year of assessment of NAAC :	2010
Whether valid for the academic year 2018-19 :	NO
NAAC Accreditation valid upto :	2015
Territorial Jurisdiction of HEI as per its Act for offering proposed ODL programmes :	WITHIN THE STATE
Territorial Jurisdiction of HEI for offering proposed ODL programmes as per Annexure IV of UGC (ODL) Regulations, 2017 :	WITHIN THE STATE

TABLE 1.1

Academic Year Planner [Yearlong programmes]:			
Sr.No.	Name of the Activity	Tentative months/year wise schedule (specify months)	
		From	To
1.	Admission	JUL	SEP
2.	Distribution of SLM	JUL	OCT
3.	Contact Programmes	DEC	MAY
4.	Assignment Submission (if any)	JUN	JUL
5.	Examination	AUG	SEP
6.	Declaration of Result	NOV	DEC

TABLE 1.2

Academic Year Planner [Semester wise]:					
Sr.No.	Name of the Activity	July		January	
		From	To	From	To
1.	Admission	JUL	SEP	JAN	FEB
2.	Distribution of SLM	JUL	OCT	JAN	MAR
3.	Contact Programmes	SEP	DEC	MAR	JUN
4.	Assignment Submission (if any)	DEC	JAN	JUN	JULY
5.	Examination	FEB	MAR	AUG	SEP
6.	Declaration of Result	MAY	JUN	NOV	DEC

TABLE 1.3

BUILT-UP AREA AT HQS FOR DISTANCE EDUCATION ACTIVITIES:			
Built-up Area Type	Minimum Built up area required as per Regulations	Built-Up Area available(Carpet Area Sq. ft)	Difference
Academic	7500	10497	-2997
Administrative	1500	4322	-2822
Academic support such as Library, Reading Room, Computer Centre, Information and Communication technology labs, Video and Audio Labs etc.	4500	8902	-4402
Amenities or other support facilities(Excluding toilets)	1500	1688	-188
Total built-up area for ODL activities	15000	25409	-10409

TABLE 1.4

DETAILS OF RECOGNIZED PROGRAMMES OFFERED THROUGH ODL MODE :			
Academic year	Particular	UG Degree	PG Degree
2016-17	No. of students enrolled	0	9271
	No. of students passed	0	1627
2015-16	No. of students enrolled	0	10108
	No. of students passed	0	2090
2014-15	No. of students enrolled	0	9718
	No. of students passed	0	4671

Programme details

SrNo.	Name of Programme proposed to be offered from July, 2018 onwards	Whether as per UGC Degree specification 2014(Y/N)	Minimum Duration of programmes (years)	Type of Programme: Professional or General	Whether SLM prepared for complete programme	Whether offered under Regular mode
1	BACHELOR COMPUTER APPLICATIONS	YES	3	PROFESSIONAL	YES	YES
2	BACHELOR OF ARTS (GENERAL COURSES)	YES	3	GENERAL	YES	YES
3	BACHELOR OF COMMERCE (GENERAL COURSES)	YES	3	GENERAL	YES	YES
4	BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)	YES	3	GENERAL	YES	YES
5	MASTER OF COMPUTER APPLICATIONS	YES	3	PROFESSIONAL	YES	YES
6	MASTERS OF ARTS IN ASSAMESE	YES	2	GENERAL	YES	YES
7	MASTERS OF ARTS IN BENGALI	YES	2	GENERAL	YES	YES
8	MASTERS OF ARTS IN BODO	YES	2	GENERAL	YES	YES
9	MASTERS OF ARTS IN ECONOMICS	YES	2	GENERAL	YES	YES
10	MASTERS OF ARTS IN EDUCATION	YES	2	GENERAL	YES	YES
11	MASTERS OF ARTS IN ENGLISH	YES	2	GENERAL	YES	YES
12	MASTERS OF ARTS IN HISTORY	YES	2	GENERAL	YES	YES
13	MASTERS OF ARTS IN MATHEMATICS	YES	2	GENERAL	YES	YES
14	MASTERS OF ARTS IN NEPALI	YES	2	GENERAL	YES	YES
15	MASTERS OF ARTS IN PHILOSOPHY	YES	2	GENERAL	YES	YES
16	MASTERS OF ARTS IN POLITICAL SCIENCE	YES	2	GENERAL	YES	YES
17	MASTERS OF ARTS IN SANSKRIT	YES	2	GENERAL	YES	YES
18	MASTERS OF COMMERCE	YES	2	GENERAL	YES	YES

1	HAJI ANFAR ALI COLLEGE DABOKA, NAGAON, PIN-782440	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	NAZRUL HUSSAIN EMAIL : MOBILE NO. : 9707039332	MA	23	2. A C 3. C (C C 6. A A 9. A E 10 A E 11 A 12 A 13 A M 14 A P S 15 C 2 S E 2 S M
2	UDALGURI COLLEGE ODALGURI, BTAD ASSAM, PIN-784509	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. RAJENDRA KR. BASUMATARY EMAIL : RAJENDRAKUMARBASUMATARY@GMAIL.COM MOBILE NO. : 9954633056	MA, PH.D	29	6. A A 8. A 9. A E 10 A E 11 A 12 A 13 A M 14 A P 16 A P S

3	WEST GOALPARA COLLEGE P.O BALARBITA DIST. GOALPARA PIN-783129	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HAFIZUR RAHMAN KHAN EMAIL : MOBILE NO. 9435024076	MA	26	2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A M 1; A P 16 A P S
4	KALABARI COLLEGE KALABARI, SONITPUR, ASSAM PIN-784178	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	BIMAN HAZARIKA EMAIL: BIMANHAZARIKA178@GMAIL.COM MOBILE NO: 9854451330	MA	20	2. A C 6. A A 9. A E 10 A E 11 A 1; A 16 A P S

5	PASCHIM BARIGOG ANCHALIK MAHAVIDYALAYA P.O BARANGHATI PIN-781350	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MANAB CH. DAS EMAIL: NA MOBILE NO: 9954611461	MA	26	2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A 14 A P 16 A P S 17 A S.
6	N.H. COLLEGE PATACHARKUCHI, BARPETA, ASSAM, PIN 781326	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	RAJEN CH. DAS EMAIL: SMILERAJEN@GMAIL.COM MOBILE NO: 9864723526	MA	26	2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A P 16 A P S 17 A S.

7	DALGOMA ANCHALIK COLLEGE P.O-MATIA, DIST.-GOALPARA, PIN-783125	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HEMANTA KUMAR SARMA EMAIL : GANGESH4EVER@GMAIL.COM MOBILE NO. : 9859036513	MA	20	2. A C 6. A A 9. A E 10 A E 11 A 1; A 16 A P S
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8	GOALPARA COLLEGE GOALPARA, ASSAM, PIN 783101	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. SOMESESWAR RAO EMAIL : SOMESWARGLP@YAHOO.CO.IN MOBILE NO. : 9435313290	M.SC, P.HD	32	1. C A 2. A C 3. C (C C 4. S (II TI 6. A A 9. A E 10 A E 11 A 1: A 1: A M 1: A P 16 A P S 18 C 2: S E 2: S M 2: G D C A
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9	RAHA COLLEGE P.O. RAHA, NAGAON, ASSAM PIN-782103	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MRIDUL KR. SARMA EMAIL: SMRIDULKR@GMAIL.COM MOBILE NO: 9859416685	MA	23	2. A C 6. A A 9. A E 10 A E 11 A 12 A 16 A P S 11 A S.
10	SALBARI COLLEGE BAKSA, P.O. SALBARI, BAKSA, BTC (ASSAM) PIN 781318	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HIREN BARO EMAIL: HIRENBARO@REDIFFMAIL.COM MOBILE NO: 9678035129	MA	26	2. A C 6. A A 8. A 9. A E 10 A E 11 A 12 A 13 A P 16 A P S
11	BARPETA B.T. COLLEGE P.O & DIST :BARPETA PIN- 781301	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HELMINA KHATUN EMAIL : HELMINA216@GMAIL.COM MOBILE NO. : 9957925178	MA	5	10 A E

12	BHABANIPUR ANCHALIK COLLEGE BARPETA, ASSAM, PIN-781352	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	SAMIRAN SARMA EMAIL : SAMIRAN.BAC@GMAIL.COM MOBILE NO. : 9854475615	MA, MPHIL, PHD	23	2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A P 14 A P S
13	BIKALI COLLEGE DHUPDHARA, GOALPARA, ASSAM, PIN 783123	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. ANANYA BARUAH EMAIL : KALITADEEP99@GMAIL.COM MOBILE NO. 99549-75819	MA, PH.D	26	2. A C 6. A A 8. A 9. A E 10 A E 11 A 12 A 13 A M 14 A P S

14	KHARUPETIA COLLEGE DARRANG, ASSAM, PIN 784115	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	ABDUL KARIM EMAIL: AKARIM050@GMAIL.COM MOBILE NO: 9435185945	MA	30	2. A C 3. C (C C 6. A A 9. A E 10 A E 11 A 12 A 13 A M 14 A P 16 A P S
15	THAMNA ANCHALIK DEGREE COLLEGE P.O THAMNA, DIST. BAKSA, BTAD ASSAM PIN-781377	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	LAHIT CH. MACHAHARY EMAIL : TADE.THAMNA@GMAIL.COM MOBILE NO. : 8761981928	MA	26	6. A A 8. A 9. A E 10 A E 11 A 12 A 13 A P 14 A S

16	DEOMORNOI DEGREE COLLEGE, P.O. DEOMORNOI, DARRANG, ASSAM, PIN- 784147	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. FAJLUL KARIM EMAIL : KARIMFAJLUL@GMAIL.COM MOBILE NO. : 9854938055	MA, PH.D	20	2. A C 6. A A 9. A E 10 A E 11 A 1; A 16 A P S
17	GYANPEETH DEGREE COLLEGE NIKASHI, BAKSA, BTAD, PIN-781372, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MANTURAMCHIARY EMAIL : MANTUSING102@GMAIL.COM MOBILE NO. : 9957476620	MA	26	2. A C 6. A A 9. A E 10 A E 11 A 1; A 14 A 1; A P 16 A P S

18	NALBARI COMMERCE COLLEGE P.O. CHOWKBAZAR, NALBARI, ASSAM, PIN -781335	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. ATUL CH. HALOI EMAIL: AHALOI.NCC@GMAIL.COM MOBILE NO: 9954052743	MA, P.HD	8	1. C A 2. A C 3. C (C C 18 C 2! G D C A
19	MANKACHAR COLLEGE P.O MANKACHAR, DIST.- DHUBRI (ASSAM) PIN- 783131	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MUKTAZUR RAHMAN KAZI EMAIL: MRKAZI78@GMAIL.COM MOBILE NO: 9435642964	MA	23	2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A M 16 A P S

20	BARNAGAR COLLEGE SORBHOG, BARPETA, ASSAM, PIN 781317	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	REZAUL KARIM AHMED EMAIL : REZAUL.BPRD@GMAIL.COM MOBILE NO. : 9678183324	MA, M.PHILL	29	2. A C 3. C (C C 6. A A 9. A E 10 A E 11 A 12 A 13 A P 16 A P S 18 C
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21	SBMS COLLEGE SUALKUCHI, P.O.- SUALKUCHI, DIST.- KAMRUP, ASSAM PIN- 781103	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	RANJIT TAKU EMAIL: RANJITTAKU12@GMAIL.COM MOBILE NO: 9508594671	MA	32	1. C A 2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A M 14 A P 16 A P S 21 G D C A
22	PUTHIMARI COLLEGE P.O SONESWAR ,DIST.- KAMRUP (ASSAM)PIN-PIN- 781382	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	KARTIK SARMA EMAIL: KARTIKSARMA123@GMAIL.COM MOBILE NO: 9401370145	MA	20	2. A C 6. A A 9. A E 10 A E 11 A 12 A P 16 A P S

23	BAJALI COLLEGE P.O. PATHSALA, BARPETA, ASSAM, PIN 781325	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MANOJ DAS EMAIL: PATGIRIDEBAJIT1@GMAIL.COM MOBILE: 9435320532	MA	37	2. A C 3. C (C C 6. A A 9. A E 10 A E 11 A 12 A 13 A P 16 A P S 17 A S 18 C 19 C A J 20 S M
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24	TANGLA COLLEGE TANGLA, DIST.UDALGURI, BTAD ASSAM, PIN-784521	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MINTU PATHAK EMAIL : MINTUPATHAK04@GMAIL.COM MOBILE NO. : 9577838080	MA, M.PHIL	38	1. C A 6. A A 7. A 8. A 9. A E 10 A E 11 A 12 A 13 A M 16 A P S 18 C 21 G D C A
25	B.P. CHALIHA COLLEGE NAGARBERA, P.O. NAGARBERA, DIST- KAMRUP, PIN-781127	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	ARUN KR. SARKAR EMAIL : NIJAMC@REDIFFMAIL.COM MOBILE NO. : 9859931124	MA, M.PHIL, B.ED	26	2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A M 21 G D C A

26	BENGAL COLLEGE P.O. AND VILL. BENGOL CHIRANG, BTAD(ASSAM), PIN-783394, BTAD, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	PROBIN NARZARY EMAIL: PROBS76@GMAIL.COM MOBILE NO: 8474026658	MA, MPHIL	29	2. A C 6. A A 8. A 9. A E 10 A E 11 A 1; A 1; A P 16 A P S
27	BELTOLA COLLEGE BELTOLA, PIN-781028, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	AMAR DAS EMAIL : MOBILE NO. : 9085793963	MA	23	2. A C 6. A A 10 A E 11 A 1; A 1; A P 16 A P S

28	COMMERCE COLLEGE KOKRAJHAR KOKRAJHAR, BTC (ASSAM), PIN 783370	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	BINOD CH. SWARGIARY EMAIL : BINODSWARGIARY@GMAIL.COM MOBILE NO. : 9435325821	M.COM, M.PHIL, B.ED, B.LIB	8	3. C (C C 1: C 2: G D B. FI S 2: G D B M 2: G D FI M 2: G D H R M 2: G D IN M 2: G D S M M
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29	B.B. KISHAN COLLEGE JALAH, BARPETA, P.O. JALAHGHAT, DIST- BAKSA, BTAD PIN-781327	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	AJANTA CHOUDHURY EMAIL: AJANTABBKC@GMAIL.COM MOBILE NO: 9706282287	MA, MPHIL	29	2. A C 6. A A 8. A 9. A E 10 A E 11 A 1; A 1; A P 16 A P S 1; A S.
30	CHARAIBAHICOLLEGE P.O CHARAIBAHICOLLEGE, MORIGAON,ASSAM PIN- 782106	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DEEPAK KR.DAS EMAIL : CHARAIBAHICOLLEGE@GMAIL.COM MOBILE NO. 9854503990	MA	20	2. A C 6. A A 9. A E 10 A E 11 A 1; A 16 A P S

31	KALAGURU BISHNU RABHA DEGREE COLLEGE ORANG, UDALGURI, PIN-784114	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HOMEN BARUAH EMAIL: HOMENBARUAH@GMAIL.COM MOBILE NO: 9613995869	MA	32	2. A C 6. A A 7. A 8. A 9. A E 10 A E 11 A 12 A 14 A 15 A P 16 A P S
32	LUMDING COLLEGE NAGAON ASSAM PIN -782447	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	ANJAN DEY EMAIL: ANJAN_LMG@REDIFFMAIL.COM MOBILE NO: 8876287963	MA	26	2. A C 3. C (C C 6. A A 7. A 9. A E 10 A E 11 A 12 A 16 A P S 18 C

33	RANGIA T.T. COLLEGE RANGIA,KAMRUP, ASSAM PIN-781354	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	SAMSUL HOQUE EMAIL: SAMSULHQ@LIVE.COM MOBILE NO: 9854526879	MA	5	10 A E
34	RANGAPARA COLLEGE RANGAPARA, DIST.- SONITPUR, ASSAM PIN.784505	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MUNIN BAISHYA EMAIL: KNSGHY@GMAIL.COM MOBILE NO: 9435384933	MA	35	2. A C 3. C (C C 6. A A 7. A 8. A 9. A E 10 A E 11 A 1: A 1: A M 16 A P S 18 C

35	MNC BALIKA MAHAVIDYALAYA NALBARI, ASSAM, PIN 781335	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	PADMESWAR KALITA EMAIL: PADMESWAR1@GMAIL.COM MOBILE NO: 9864147089	MA, LLB	35	1. C A 2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A P 16 A P S 1; A S. 20 S (II TI 2; G D C A
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36	T.H.B. COLLEGE JAMUGURIHAT, P.O. KARCHANTOLA, SONITPUR, ASSAM, PIN 784189	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. DINESH CHANDRADAS EMAIL :DINESHCHDAS13@GMAIL.COM MOBILE NO. : 8876267214	MA, P.HD	26	2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A M 14 A 15 A P S
37	RATNAPITH COLLEGE CHAPAR, BAHALPUR, DHUBRI, ASSAM PIN- 783371	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	WASHIM ARIF EMAIL: ARIFK3163@GMAIL.COM MOBILE NO: 9577177103	MA, MPHIL	23	2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A P 14 A P S

38	BODOFA U.N. BRAHMA COLLEGE DOTMA P.O. DOTMA, DIST-KOKRAJHAR, B.T.C. (ASSAM), PIN-783347	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MUKUT CH. KALITA EMAIL : MOBILE NO. : 9401474087	MA, B.ED	35	2. A C 3. C (C C 6. A A 8. A 9. A E 10 A E 11 A 12 A 13 A M 14 A P 16 A P S 18 C
39	LAKHIPUR COLLEGE LAKHIPUR, ASSAM 783129	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	ABDUS SAMAD SK EMAIL: ABDUSSAMADSK1962@GMAIL.COM MOBILE NO: 9435511961	MA	20	2. A C 6. A A 9. A E 10 A E 11 A 12 A 16 A P S

40	UTTAR KAMPITH COLLEGE JAGARA, PASCHIM NALBARI BLOCK. NALBARI DISTRICT, ASSAM-781370	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	SANJOY SARMA EMAIL : SANJAYMAAN.NLB@GMAIL.COM MOBILE NO. : 9707550212	MA	32	1. C A 2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A P 14 A P S 15 A S 16 C A J 21 G D C A
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41	BISWANATH COLLEGE BISWANATH CHARIALI, SONITPUR, ASSAM, PIN 784176	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. DILIP BORAH EMAIL : IDOL.BNCSTUDYCENTRE2GMAIL.COM MOBILE NO. : 9435814994	MA, PH.D	32	2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A M 14 A 1; A P 16 A P S 2 S E 2; S M
42	HOJAI COLLEGE HOJAI, ASSAM, PIN 782435	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	SUJIT RANJAN ACHARJEE EMAIL : DRACHARJEE@GMAIL.COM MOBILE NO. : 9435069311	MA	35	2. A C 3. C (C C 6. A A 7. A 9. A E 10 A E 11 A 1; A 16 A P S 18 C

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43	DR. BIRINCHI KR. BOROOAH COLLEGE P.O. PURANIGUDAM, NAGAON, ASSAM, PIN 782141	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. ABINASH BHARALI EMAIL : MRINALI_GAYAN@REDIFFMAIL.COM MOBILE NO. : 8876415278	MA, PH.D	20
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44	ABHAYAPURI COLLEGE P.O. ABHAYAPURI, BONGAIGAON, ASSAM PIN- 783384	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	ATOWAR RAHMAN KHAN EMAIL: KHANATOWAR@GMAIL.COM MOBILE NO: 9707845245	MA	29	2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A M 1; A P 16 A P S 2 S E 2; S M
45	NABAJYOTI COLLEGE KALGACHIA, P.O. KALGACHIA, BARPETA, PIN-781319	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR.SORMAN ALI EMAIL: SORMANALI642@GMAIL.COM MOBILE NO: 9435456617	MA, PHD	26	2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A M 1; A P 16 A P S

46	JAWAHARLAL NEHRU COLLEGE BOKO KAMRUP, ASSAM, PIN 781123	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DHIRAJ KR. DAS EMAIL : MOBILE NO. : 9435044756	MA	10	2. A C 6. A A 1: A 16 A P S
47	MOIRABARI COLLEGE P.O.MOIRABARI, MORIGAON, ASSAM, PIN 782126	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	ABDUL MANNAN EMAIL: MOBILE NO: 9707732266	MA	20	2. A C 6. A A 9. A E 10 A E 11 A 1: A 16 A P S
48	GAUHATI COMMERCE COLLEGE R.G BAROOAH ROAD, PIN-781021	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. PURNA BHATTACHARYYA EMAIL : GCCGOLDEN@GMAIL.COM MOBILE NO. : 9864336737	M.COM, PH.D	8	3. C (C C 18 C 2: G D C A

49	PASCHIM GUWAHATI MAHAVIDYALAYA DHARAPUR, GUWAHATI, KAMRUP, ASSAM, PIN 781133	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. NRIPENDRA NATH MEDHI EMAIL: NA MOBILE NO: 9954875101	MA, P.HD	26	2. A C 3. C (C C 6. A A 9. A E 10 A E 11 A 12 A 13 A P 16 A P S 18 C
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50	LOKNAYAK OMEO KUMAR DAS COLLEGE, DHEKIAJULI, SONITPUR, ASSAM, PIN 784110	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HARI PRASAD BARUAH EMAIL: HARIPBARUAH@GMAIL.COM MOBILE NO: 9864201492	MA, PH.D	41	2. A C 3. C (C C 6. A A 7. A 8. A 9. A E 10 A E 11 A 1: A 1: A 1: A M 14 A 1: A P 16 A P S 18 C 2: S E 2: S M
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51	NALBARI COLLEGE P.O. NALBARI, ASSAM, PIN -781335	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR.RUPAM SARMAH EMAIL: RSARMA001@YAHOO.CO.IN MOBILE NO: 9435492089	MA, P.HD	31	1. C A 2. A C 4. S (II TI 6. A A 9. A E 1 A 1 A 1 A M 1 A P 16 A P S 1 A S 2 G D C A
52	DHUBRI GIRLS' COLLEGE P.O. & DIST: DHUBRI, PIN- 783301, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MADHUSUDHAN MALAKAR EMAIL : MADHU.RUNU88@REDIFFMAIL.COM MOBILE NO. 9707674846	MA	20	2. A C 6. A A 16 A E 1 A 1 A 16 A P S

53	DHING COLLEGE P.O.- DHING, NAGAON, PIN- 782123, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	ROBIN SARMA BORDOLOI EMAIL : DHINGCOLLEGE@GMAIL.COM MOBILE NO. : 9435068591	MA	20	2. A C 6. A A 9. A E 10 A E 11 A 1; A M 1; A P 2 S E 2; S M
54	BILASIPARA COLLEGE P.O BILASIPARA DIST. DHUBRI, ASSAM PIN-783348	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	ATIKUR RAHMAN EMAIL: BILASIPARACOLLEGE1960@GMAIL.COM MOBILE NO: 9859109402	MA	29	2. A C 6. A A 7. A 9. A E 10 A E 11 A 1; A 1; A M 1; A P 16 A P S 2 S E 2; S M

55	B.H.B. COLLEGE P.O. SARUPETA, BARPETA, ASSAM, PIN 781318	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HIMENDRA KALITA EMAIL: IDOLBHBCOLLEGE@GMAIL.COM MOBILE NO: 9854019168	MCA	38	1. C A 2. A C 3. C (C C 6. A A 8. A 9. A E 10 A E 11 A 1: A 1: A 1: A M 1: A P 16 A P S 1: A S 1: C 2: G D C A
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56	NORTH KAMRUP COLLEGE P.O BAGHMARA BAZAR DIST. BARPETA(ASSAM) PIN-781328	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HAREN DAS EMAIL: PRINCIPALNKC@GMAIL.COM MOBILE NO: 9957767199	MA	26	2. A C 6. A A 8. A 9. A E 10 A E 11 A 1; A 1; A P 16 A P S
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57	SAPTAGRAM COLLEGE SAPTAGRAM, DHUBRI, ASSAM PIN- 783337	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MAHABUL HOQUE CHOUDHURY EMAIL: MAHABULHQ@GMAIL.COM MOBILE NO: 9864113224	MA	35	1. C A 2. A C 6. A A 7. A 8. A 9. A E 10. A E 11. A 12. A 13. A M 14. A P 15. A P S 21. G D C A
58	D.K. GIRLS` COLLEGE MIRZA-781125, KAMRUP, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. NARAKANTA ADHIKARY EMAIL : NARAKANTAADHIKARY67@GMAIL.COM MOBILE NO. 9435342914	MA.PH.D	23	2. A C 6. A A 9. A E 10. A E 11. A 12. A 13. A P 14. C A J

59	NOWGONG COLLEGE NAGAON, ASSAM, PIN- 782001	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	SAILEN SARMAH EMAIL: SARMA_SAILEN2011@REDIFFMAIL.COM MOBILE NO: 970602463	M.COM	37	1. C A 2. A C 3. C (C C 4. S (II TI 6. A A 7. A 9. A E 10 A E 11 A 12 A 13 A M 14 A P 16 A P S 17 A S 22 S M 24 G D C A
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60	G.L.CHOUDHURY COLLEGE BARPETA RD., P.O- BARPETA ROAD, ASSAM, PIN-781315	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MIRAN HUSSAIN CHOUDHURY EMAIL : PRINCI84@BSNL.IN MOBILE NO. : 9854936649	MA	29	2. A C 6. A A 7. A 8. A 9. A E 10 A E 11 A 12 A 13 A P 14 A P S
61	SUREN DAS COLLEGE HAJO, KAMRUP, ASSAM PIN- 781001	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	BINAPANI TALUKDAR EMAIL: NA MOBILE NO: 9859019975	MA	29	2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A M 14 A P 16 A P S
62	BIRJHORA MAHAVIDYALAYA BONGAIGAON, BONGAIGAON, ASSAM, PIN 783380	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HEMANTA KUMAR SAUD EMAIL: HEMANTASAUD 84@GMAIL.COM MOBILE NO: 9435329512	MA, MPHIL, PGDE	10	2: S E 2: S M

63	BEHALI DEGREE COLLEGE BEHALI,P.O BORGANG,PIN- 784167 DIST. SONITPUR, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	ROBIN GOSWAMI EMAIL : IDOLBEHALIDEGREECOLLEGE@GMAIL.COM MOBILE NO. : 9435982031	MA	29	2. A C 6. A A 9. A E 10 A E 11 A 12 A 14 A 15 A P 16 A P S 17 A S
64	L.C.B COLLEGE MALIGAON, GHY-781011 ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	CHANDRA MOHAN KALITA EMAIL: MOBILE NO: 9613292471	MA	35	1. C A 2. A C 4. S (II TI 6. A A 7. A 9. A E 11 A 12 A 13 A M 14 A P 16 A P S 20 S

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65	CHHAYGAON COLLEGE CHHAYGAON, KAMRUP, ASSAM, PIN 781124	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. JOGEN BORO EMAIL : JOGENBORO@GMAIL.COM MOBILE NO. : 9707207506	MA, PH.D	29	2. A C 3. C (C C 6. A A 9. A E 10 A E 11 A 12 A 13 A M 14 A P 16 A P S 18 C
66	DHAMDHAMA ANCHALIK COLLEGE P.O. NIZ DHAMDHAMA, NALBARI, ASSAM, PIN-781349	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	NAVAJIT SARMA EMAIL : NAVASARMA2012@GMAIL.COM MOBILE NO. : 9864937879	MA	23	2. A C 6. A A 8. A 9. A E 10 A E 11 A 12 A P 16 A P S

67	JAGIROAD COLLEGE JAGIROAD, PIN-782410	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	RUDRA KR. DAS EMAIL : DAS1.RUDRA@GMAIL.COM MOBILE NO. : 9435319469	MA	35	1. C A 2. A C 3. C (C C 4. S (II TI 6. A A 7. A 8. A 9. A E 10. A E 11. A 12. A M 16. A P S 18. C 20. S E 22. S M 24. G D C A
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68	GIRL'S COLLEGE KOKRAJHAR P.O & DIST.- KOKRAJHAR, BTAD, ASSAM, PIN-783370	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	AZIZUR RAHMAN EMAIL : MOBILE NO. : 9401232071	MA	23	2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A P 16 A P S
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69	DUDHNOI COLLEGE DUDHNOI, PIN-783124, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	NABARAJ SARMA EMAIL : MOBILE NO. : 9859111435	M.SC	32	1. C A 2. A C 4. S (II TI 6. A A 8. A 9. A E 10 A E 11 A 1: A 1: A 1: A M 1: A P 16 A P S 2: G D C A
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70	BONGAIGAON COLLEGE P.O. BONGAIGAON, BONGAIGAON, ASSAM, PIN 783380	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. TARUN KR. BAHADUR EMAIL: TARUNKB1163@YAHOOO.CO.N MOBILE NO: 9435324929	MA, PHD	41	2. A C 3. C (C C 6. A A 7. A 8. A 9. A E 10 A E 11 A 1: A 1: A 1: A M 1: A P 16 A P S 18 C 19 C A J
71	FAKIRAGRAM COLLEGE P.O FAKIRAGRAM,DIST. KOKRAJHAR,BTAD(ASSAM)	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. RANJIT KUMAR DAS EMAIL : RANJITKRDAS907@GMAIL.COM MOBILE NO. : 9435847429	MA, PH.D	20	2. A C 6. A A 9. A E 10 A E 11 A 1: A 16 A P S

72	SONTALI ANCHALIK COLLEGE P.O. MAHTOLI, DIST.- KAMRUP(ASSAM) PIN-781136	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR.AZMAL HOQUE EMAIL: AZMALHOQUE187@GMAIL.COM MOBILE NO: 9854266415	MA, P.HD	23	2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A M 16 A P S
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73	ANANDARAM DHEKIAL PHOOKAN COLLEGE NAGAON ASSAM PIN- 782002	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. DIGANTA BARUAH EMAIL: DKBOROOWA@GMAIL.COM MOBILE NO: 9435190239	MA	32	1. C A 2. A C 4. S (II TI 5. C A 6. A A 7. A 9. A E 10 A E 11 A 11 A 11 A M 11 A P 16 A P S 21 S (II TI 21 S E 21 S M
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74	RANGIA COLLEGE RANGIA, KAMRUP, ASSAM, PIN 781354, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	KABINDRA BORO EMAIL: KABINDRABORO2GMAIL.COM MOBILE NO: 8399804140	MA, M.PHIL	41	1. C A 2. A C 3. C (C C 6. A A 7. A 8. A 9. A E 10 A E 11 A 11 A 11 A M 11 A P 16 A P S 11 A S 11 C 21 S E 21 S M 21 G D C A
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75	KALIABOR COLLEGE P.O. KUWARITOL, NAGAON, ASSAM, PIN- 782137	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HARA KANTA NATH EMAIL: IDOLKCHKN@GMAIL.COM MOBILE NO: 9435479483	MA	31	1. C A 2. A C 3. C (C C 4. S (II TI 6. A A 9. A E 10 A E 11 A 1: A 1: A M 16 A P S 18 C 2: S E 2: S M 2: G D B F S 2: G D C A 2: G D F M
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76	TIHU COLLEGE TIHU, DIST-NALBARI, ASSAM PIN-781371	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. DIGANTA DEKA EMAIL: D.DEKA@REDIFFMAIL.COM MOBILE NO: 9864475642	MA, P.HD	32	1. C A 2. A C 3. C C (C C 6. A A 9. A A E 10. A E 11. A 12. A A 13. A A M 14. A P 15. A P S 16. A S 17. C 20. S (II TI 21. S E 22. G D C A
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77	M.C. COLLEGE BARPETA, ASSAM, PIN 781301	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HARIHAR DEKA EMAIL: HARIHARDEKA67@GMAIL.COM MOBILE NO: 9864960073	MA	31	1. C A 2. A C 4. S (II TI 5. C A 6. A A 9. A E 10 A E 11 A 1: A 1: A M 1: A P 16 A P S 2: S (II TI 2: S M 2: G D C A
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78	BARKHETRI COLLEGE P.O MUKALMUA DIST. NALBARI ASSAM PIN-781126	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MD. MATIUR RAHMAN EMAIL: MATI.BCM@GMAIL.COM MOBILE NO: 9864414925	MA	32	2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A M 1; A P 16 A P S 1; A S. 2 S E 2; S M
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79	DARRANG COLLEGE TEZPUR, ASSAM, PIN- 784001	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. DULAL DAS EMAIL : DASDULAL32@GMAIL.COM MOBILE NO. : 9435380534	MA, PH.D	43	1. C A 2. A C 4. S (II TI 6. A A 7. A 9. A E 10 A E 11 A 1: A 1: A 1: A M 1: A P 16 A P S 1: A S 1: C 2: S (II TI 2: S E 2: S M 2: G D C A
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80	KARMASREE HITESWAR SAIKIA COLLEGE PANJABARI RD, PANJABARI, GUWAHATI, ASSAM 781037	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR MOUSUMI BORDOLI HAZARIKA EMAIL: KHSCOLLEGE@YAHOO.COM MOBILE NO: 9854020026	PHD	26	2. A C 3. C (C C 6. A A 9. A E 10 A E 11 A 12 A 13 A P 14 A P S 15 C
81	CHAIDUAR COLLEGE GOHPUR, SONITPUR, ASSAM, PIN 784168	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. MADHAV UPADHYAY EMAIL : MDHB2004@REDIFFMAIL.COM MOBILE NO. : 94351-83926	M.SC, M.PHIL, P.HD	28	2. A C 3. C (C C 6. A A 9. A E 10 A E 11 A 12 A 13 A M 14 A P S 15 C 21 S E 22

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82	MANGALDAI COLLEGE MANGALDAI, DARRANG, ASSAM, PIN 784125	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	PARESH KR. SARMA EMAIL: MOBILE NO: 9435006483	MA	37	1. C A 2. A C 4. S (II TI 5. C A 6. A A 7. A 9. A E 10 A E 11 A 11 A 11 A M 11 A P 16 A P S 11 A S 20 S (II TI 21 S E 21 S M 21 G D C A
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83	BARBHAG COLLEGE P.O.- KALAG, DIST-NALBARI, PIN-781351, ASSAM	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	BIPUL KALITA EMAIL: BIPULKALITA81@GMAIL.COM MOBILE NO: 9859531306	MA	29	2. A C 6. A A 9. A E 10 A E 11 A 1; A 1; A M 1; A P 16 A P S 2 S E 2; S M
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84	B.H. COLLEGE HOWLY, BARPETA, ASSAM, PIN 781316	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR.SULTAN ALI AHMED EMAIL: SAHMED.BHC.ENG@GMAIL.COM MOBILE NO: 9435513424	MA, PHD	38	1. C A 2. A C 3. C (C C 6. A A 7. A 8. A 9. A E 10 A E 11 A 12 A 13 A M 14 A P 16 A P S 17 A S 18 C 20 S E 21 S M 22 G D C A
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85	GOSSAIGAON COLLEGE P.O GOSSAIGAON,DIST. KOKRAJHAR,BTAD (ASSAM)PIN-783360	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MD.JOYNAL ABEDIN EMAIL : MOBILE NO. : 7002020354	MA	32	2. A C 6. A A 8. A 9. A E 10 A E 11 A 1; A 1; A M 1; A P 16 A P S 2 S E 2; S M
86	CHATIA COLLEGE P.O SOOTEA, PIN-784175, SONITPUR	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	HARESH REGON EMAIL : HARESH.REGON@GMAIL.COM MOBILE NO. : 8011940088	MA	20	2. A C 6. A A 9. A E 10 A E 11 A 1; A 16 A P S

87	PRAMATHESH BARUAH COLLEGE GAURIPUR, DHUBRI, ASSAM, PIN 783331	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	SHYAMAL CH. SARKAR EMAIL: SSARKAR15@YAHOO.COM MOBILE NO: 8638953528	MA	29	2. A C 6. A A 7. A 8. A 9. A E 10 A E 11 A 12 A 13 A M 14 A P S
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88	BN COLLEGE DHUBRI, ASSAM, PIN 783324	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	NOOR HUSSAIN EMAIL: HUSSAINN702@GMAIL.COM MOBILE NO: 9435129878	MA, MPHIL	45	1. C A 2. A C 3. C (C C 4. S (II TI 5. C A 6. A A 7. A 9. A E 10 A E 11 A 11 A 11 A M 11 A P 11 A P S 11 A S 11 C 21 S (II TI 21 S E 21 S M 21 G D C A
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89	BIJNI COLLEGE COLLEGE ROAD, BIJNI, ASSAM 783390	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	BIBHA TALUKDAR EMAIL: BIBHATALUKDAR@GMAIL.COM MOBILE NO: 8399087405	MA	35	2. A C 6. A A 7. A 8. A 9. A E 10. A E 11. A 12. A 13. A M 14. A P 15. A P S 2. S E 2. S M
90	TEZPUR COLLEGE TEZPUR, ASSAM PIN- 784001	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR. BASANTA KALITA EMAIL: KALITABASANTA3@GMAIL.COM MOBILE NO: 9435737738	MA, PHD	38	2. A C 3. C (C C 6. A A 7. A 8. A 9. A E 10. A E 11. A 12. A 14. A

1: A P 16 A P S 18 C 2: G D B F S 2: G D B M 2: G D F M 2: G D H R M 2: G D I N M 2: G D S M M

91	RUPAHI COLLEGE NAGAON, ASSAM, PIN- 782125	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	BHUBANANANDA PATTANAİK EMAIL: BNPATTANAİK2011@GMAIL.COM MOBILE NO: 9435186531	MA	23	2. A C 6. A A 9. A E 10 A E 11 A 12 A 13 A P 14 A P S
92	NAGAON GNDG COMMERCE COLLEGE PANIGAON, NAGAON, ASSAM, PIN 782001	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	PRADIP BORAH EMAIL: PRADIPKRBORA10@GMAIL.COM MOBILE NO: 7002518933	M.COM	5	3. C (C C 14 C
93	K.C. DAS COMMERCE COLLEGE P.O- REHABARI GUWAHATI, ASSAM, PIN- 781008	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	DR.RUNUMI LAHKAR DAS EMAIL: RUNULAHKARDAS@YAHOO.IN MOBILE NO: 9864089898	PHD	5	3. C (C C 14 C
94	MURAZAR COLLEGE P.O MURAZAR DIST. NAGAON,ASSAM PIN.782439	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	SAYED AHMED ALI EMAIL: SAYED.AHMED42@GMAIL.COM MOBILE NO: 9577774252	MA	20	2. A C 6. A A 9. A E 10 A E 11 A 12 A 14 A P S

95	BARAMA COLLEGE P.O BARAMA PIN- 781346	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	SANJAY BARO EMAIL: SANJAYPHILO77@GMAIL.COM MOBILE NO: 9854318800	MA	35	1. C A 2. A C 4. S (II TI 6. A A 8. A 9. A E 10 A E 11 A 1: A 1: A 1: A M 1: A P 16 A P S 2: S E 2: S M 2: G D C A
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96	CHILARAI COLLEGE GOLAKGANJ, DIST. DHUBRI, ASSAM, PIN- 783334	AFFILIATED COLLEGE TO GAUHATI UNIVERSITY	GAUHATI UNIVERSITY INSTITUTE OF DISTANCE AND OPEN LEARNING	MRS. HEMALATA KAKATI EMAIL : HEMALATAKAKATI.DHUBRI@GMAIL.COM MOBILE NO. 9435327080	MA	29	2. A C 6. A A 7. A 9. A E 10 A E 11 A 1; A 1; A P 16 A P S 1; A S
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Staff Details

STAFF DETAILS ACADEMIC STAFF :

Type of Staff	Number of officials on full time and dedicated basis	No. of official exclusively for ODL	No. of temporary staff
Director	8	1	0
Associate Professor	49	0	0
Assistant Professor	120	14	70
Any other (Please specify)NA	0	0	0

Administrative staff

STAFF DETAILS ADMINISTRATIVE STAFF:

Type of Staff	Number of officials	No. of official exclusively for ODL	No. of temporary staff
Deputy Registrar	1	0	0
Assistant Registrar	5	3	0
Section Officer	13	1	0
Assistants	161	11	0
Computer Operators	7	7	0
Class-IV/Multi Tasking Staff	923	20	5
Technical / Professional	46	1	0
Any other (Please specify) DAILY WAGE	55	2	0

Examination Centre

PROPOSED EXAMINATION CENTRE FOR TERM END EXAMINATION FOR ODL PROGRAMME FOR UPCOMING ACADEMIC YEARS :

Sr No.	Preparedness Status	YES/NO
(i)	Whether examination centre is within the territorial jurisdiction of the HEI as per Annexure IV	YES
(ii)	Whether the examination centre is located as per clause 13 (7) of Part IV of Regulations	YES
(iii)	Provision of CCTV Cameras	NO
(iv)	Provision of Bio-metric attendance	NO
(v)	Provision of Video recording	NO

Activities for Examination

ACTIVITIES FOR EXAMINATION :

Sr No.	Activity	By the HEI/Outsider Agency/ Both
(i)	Paper setting	BY THE HEI
(ii)	Conduct of examination	BY THE HEI
(iii)	Evaluation of answer sheets	BY THE HEI
(iv)	Declaration of results	BY THE HEI
(v)	If any other , specify RE-EVALUATION OF ANSWER SHEET	BY THE HEI

Other Information

COMPUTERIZATION/DIGITIZATION STATUS OF THE FOLLOWING ACTIVITIES:

Sr No.	Activities	Yes or No
(i)	Student registration/Admission	YES
(ii)	Administration	YES
(iii)	Finance	YES
(iv)	Academic activities	YES
(v)	Student Support System	YES
(vi)	Continuous Evaluation	YES
(vii)	Online support	YES

Details of full time dedicated Help Desk

(i)	Help Desk Address	GOPINATH BARDOLOI NAGAR, JALUKBARI, GUWAHATI
(ii)	Name of Contact Person	DR. RABINDRA SARMA
(iii)	Designation	P.A. TO THE DIRECTOR
(i)	Phone no.	8811092694
(i)	Email Id	DIRECTOR_IDOL@GAUHATI.AC.IN
(i)	Contact hours for Help Desk	10 AM TO 5 PM

Status of a Court case(s) pertaining to (if any) filed by the HEI or any Institution or body related to the HEI offering Open and Distance Education wherein UGC has been made a party

W.P.No	Court/Jurisdiction	Status as on date
NA	NA	NA

Part B

Sr No.	Name of Programme
1	BACHELOR COMPUTER APPLICATIONS
2	BACHELOR OF ARTS (GENERAL COURSES)
3	BACHELOR OF COMMERCE (GENERAL COURSES)
4	BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)
5	MASTER OF COMPUTER APPLICATIONS
6	MASTERS OF ARTS IN ASSAMESE
7	MASTERS OF ARTS IN BENGALI
8	MASTERS OF ARTS IN BODO
9	MASTERS OF ARTS IN ECONOMICS
10	MASTERS OF ARTS IN EDUCATION
11	MASTERS OF ARTS IN ENGLISH
12	MASTERS OF ARTS IN HISTORY
13	MASTERS OF ARTS IN MATHEMATICS
14	MASTERS OF ARTS IN NEPALI
15	MASTERS OF ARTS IN PHILOSOPHY
16	MASTERS OF ARTS IN POLITICAL SCIENCE
17	MASTERS OF ARTS IN SANSKRIT
18	MASTERS OF COMMERCE
19	MASTERS OF COMMUNICATION AND JOURNALISM
20	MASTERS OF SCIENCE (INFORMATION TECHNOLOGY)
21	MASTERS OF SCIENCE IN ECONOMICS
22	MASTERS OF SCIENCE IN MATHEMATICS
23	POST GRADUATE DIPLOMA IN BANKING AND FINANCIAL SERVICES
24	POST GRADUATE DIPLOMA IN BUSINESS MANAGEMENT
25	POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS
26	POST GRADUATE DIPLOMA IN FINANCIAL MANAGEMENT
27	POST GRADUATE DIPLOMA IN HUMAN RESOURCE MANAGEMENT
28	POST GRADUATE DIPLOMA IN INSURANCE MANAGEMENT
29	POST GRADUATE DIPLOMA IN SALES AND MARKETING MANAGEMENT

NAME OF PROGRAMME : BACHELOR COMPUTER APPLICATIONS

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	BACHELOR COMPUTER APPLICATIONS
Name of Department :	DEPARTMENT OF COMPUTER SCIENCE
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	4
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	6
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	2006
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	48000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	710
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	80	80	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	80	80	26
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2015-16	Under Graduate	Regular mode	80	80	11
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	YES	550
Project	YES	300
Term End Exam	YES	2030

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : BACHELOR OF ARTS (GENERAL COURCES)

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	BACHELOR OF ARTS (GENERAL COURCES)
Name of Department :	GAUHATI UNIVERSITY
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	12000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	270
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	37182
		ODL mode	720	720	484
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2015-16	Under Graduate	Regular mode	48500	48500	33079
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	340
Practicals	NO	
Project	NO	
Term End Exam	YES	1360

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	NO

NAME OF PROGRAMME : BACHELOR OF COMMERCE (GENERAL COURSES)

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	BACHELOR OF COMMERCE (GENERAL COURSES)
Name of Department :	GAUHATI UNIVERSITY
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	15000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	270
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	7250	7250	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	7250	7250	6144
		ODL mode	100	100	44
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2015-16	Under Graduate	Regular mode	7250	7250	5945
		ODL mode	100	100	40
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	480
Practicals	YES	
Project	NO	
Term End Exam	YES	1920

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	NO

NAME OF PROGRAMME : BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)
Name of Department :	DEPARTMENT OF COMPUTER SCIENCE
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	4
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	6
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	2008
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	48000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	710
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	80	80	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	80	80	26
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2015-16	Under Graduate	Regular mode	80	80	11
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	YES	550
Project	YES	300
Term End Exam	YES	1830

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTER OF COMPUTER APPLICATIONS

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTER OF COMPUTER APPLICATIONS
Name of Department :	DEPARTMENT OF COMPUTER SCIENCE
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	4
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	6
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	NO
since when :	
Whether credit system is being followed for regular mode . :	NO
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	66000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	710
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	YES	380
Project	YES	500
Term End Exam	YES	2020

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN ASSAMESE

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN ASSAMESE
Name of Department :	DEPARTMENT OF ASSAMESE
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	14
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	1
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	578	578	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	17740
		ODL mode	720	720	484
	Post Graduate	Regular mode	108	108	104
		ODL mode	5496	5496	563
2015-16	Under Graduate	Regular mode	48500	48500	16100
		ODL mode	0	0	0
	Post Graduate	Regular mode	578	578	502
		ODL mode	5318	5318	1183

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN BENGALI

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN BENGALI
Name of Department :	DEPARTMENT OF BENGALI
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	4
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1961
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	46	46	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	14241
		ODL mode	720	720	484
	Post Graduate	Regular mode	46	46	40
		ODL mode	195	195	85
2015-16	Under Graduate	Regular mode	48500	48500	12631
		ODL mode	0	0	0
	Post Graduate	Regular mode	40	40	29
		ODL mode	335	335	51

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN BODO

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN BODO
Name of Department :	DEPARTMENT OF BODO
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	3
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1996
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	45	45	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	13779
		ODL mode	720	720	484
	Post Graduate	Regular mode	45	45	45
		ODL mode	904	904	487
2015-16	Under Graduate	Regular mode	48500	48500	12913
		ODL mode	0	0	0
	Post Graduate	Regular mode	45	45	45
		ODL mode	965	965	487

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN ECONOMICS

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN ECONOMICS
Name of Department :	DEPARTMENT OF ECONOMICS
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	11
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	88	88	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	14614
		ODL mode	720	720	484
	Post Graduate	Regular mode	88	88	75
		ODL mode	834	834	98
2015-16	Under Graduate	Regular mode	48500	48500	13296
		ODL mode	0	0	0
	Post Graduate	Regular mode	88	88	108
		ODL mode	1054	1054	74

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN EDUCATION

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN EDUCATION
Name of Department :	DEPARTMENT OF EDUCATION
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	9
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	1
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	54	54	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	13975
		ODL mode	720	720	484
	Post Graduate	Regular mode	54	54	54
		ODL mode	2852	2852	554
2015-16	Under Graduate	Regular mode	48500	48500	15107
		ODL mode	0	0	0
	Post Graduate	Regular mode	54	54	50
		ODL mode	3480	3480	726

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN ENGLISH

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN ENGLISH
Name of Department :	DEPARTMENT OF ENGLISH
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	10
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	1
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1955
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	70	70	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	17740
		ODL mode	720	720	484
	Post Graduate	Regular mode	70	70	68
		ODL mode	1192	1192	161
2015-16	Under Graduate	Regular mode	48500	48500	13802
		ODL mode	0	0	0
	Post Graduate	Regular mode	131	131	110
		ODL mode	1624	1624	232

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN HISTORY

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN HISTORY
Name of Department :	DEPARTMENT OF HISTORY
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	10
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	14268
		ODL mode	720	720	484
	Post Graduate	Regular mode	68	68	52
		ODL mode	441	441	41
2015-16	Under Graduate	Regular mode	48500	48500	12999
		ODL mode	0	0	0
	Post Graduate	Regular mode	85	85	65
		ODL mode	559	559	55

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN MATHEMATICS

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN MATHEMATICS
Name of Department :	DEPARTMENT OF MATHEMATICS
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	15
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	77	77	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	14115
		ODL mode	720	720	484
	Post Graduate	Regular mode	77	77	60
		ODL mode	849	849	19
2015-16	Under Graduate	Regular mode	48500	48500	12764
		ODL mode	0	0	0
	Post Graduate	Regular mode	80	80	83
		ODL mode	856	856	51

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	400
Practicals	NO	
Project	NO	
Term End Exam	YES	1600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN NEPALI

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN NEPALI
Name of Department :	DEPARTMENT OF MIL
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	NO
since when :	
Whether credit system is being followed for regular mode . :	NO
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	38	38	0
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	154	154	79

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN PHILOSOPHY

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN PHILOSOPHY
Name of Department :	DEPARTMENT OF PHILOSOPHY
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	6
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	115	115	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	15072
		ODL mode	720	720	484
	Post Graduate	Regular mode	115	115	34
		ODL mode	510	510	0
2015-16	Under Graduate	Regular mode	48500	48500	13542
		ODL mode	0	0	0
	Post Graduate	Regular mode	115	115	45
		ODL mode	686	686	159

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN POLITICAL SCIENCE

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN POLITICAL SCIENCE
Name of Department :	DEPARTMENT OF POLITICAL SCIENCE
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	10
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	3
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1958
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	64	64	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	16712
		ODL mode	720	720	484
	Post Graduate	Regular mode	64	64	64
		ODL mode	2291	2291	567
2015-16	Under Graduate	Regular mode	48500	48500	14848
		ODL mode	0	0	0
	Post Graduate	Regular mode	60	60	83
		ODL mode	2695	2695	404

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF ARTS IN SANSKRIT

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF ARTS IN SANSKRIT
Name of Department :	DEPARTMENT OF SANSKRIT
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	12
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1957
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	89	89	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	13975
		ODL mode	0	0	0
	Post Graduate	Regular mode	89	89	68
		ODL mode	0	0	0
2015-16	Under Graduate	Regular mode	48500	48500	12681
		ODL mode	0	0	0
	Post Graduate	Regular mode	89	89	71
		ODL mode	0	0	0

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF COMMERCE

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF COMMERCE
Name of Department :	DEPARTMENT OF COMMERCE
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	18
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	1
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	7250	7250	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	380	380	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	7250	7250	6144
		ODL mode	100	100	44
	Post Graduate	Regular mode	380	380	60
		ODL mode	3500	2369	387
2015-16	Under Graduate	Regular mode	7250	7250	5945
		ODL mode	100	100	40
	Post Graduate	Regular mode	380	291	287
		ODL mode	3500	3170	357

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	400
Practicals	NO	
Project	NO	
Term End Exam	YES	1600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	NO

NAME OF PROGRAMME : MASTERS OF COMMUNICATION AND JOURNALISM

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF COMMUNICATION AND JOURNALISM
Name of Department :	DEPARTMENT OF COMMUNICATION AND JOURNALISM
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	2
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	1
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	2005
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	55	55	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	55	55	54
		ODL mode	175	175	38
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	36	36	32
		ODL mode	210	210	37

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF SCIENCE (INFORMATION TECHNOLOGY)

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF SCIENCE (INFORMATION TECHNOLOGY)
Name of Department :	DEPARTMENT OF COMPUTER SCIENCE
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	4
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	6
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	2004
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	46000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	472
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	80	80	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	30	30	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	80	80	26
		ODL mode	0	0	0
	Post Graduate	Regular mode	30	30	29
		ODL mode	34	34	10
2015-16	Under Graduate	Regular mode	80	80	11
		ODL mode	0	0	0
	Post Graduate	Regular mode	30	30	18
		ODL mode	43	43	11

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	YES	210
Project	YES	200
Term End Exam	YES	1540

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF SCIENCE IN ECONOMICS

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF SCIENCE IN ECONOMICS
Name of Department :	DEPARTMENT OF ECONOMICS
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	11
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	88	88	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	14614
		ODL mode	720	720	485
	Post Graduate	Regular mode	88	88	75
		ODL mode	834	834	98
2015-16	Under Graduate	Regular mode	48500	48500	13296
		ODL mode	0	0	0
	Post Graduate	Regular mode	88	88	108
		ODL mode	1054	1054	74

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	320
Practicals	NO	
Project	NO	
Term End Exam	YES	1280

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : MASTERS OF SCIENCE IN MATHEMATICS

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	MASTERS OF SCIENCE IN MATHEMATICS
Name of Department :	DEPARTMENT OF MATHEMATICS
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	15
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	YES
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	1948
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	14000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	180
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	48500	48500	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	77	77	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	48500	48500	14115
		ODL mode	720	720	484
	Post Graduate	Regular mode	77	77	60
		ODL mode	849	849	19
2015-16	Under Graduate	Regular mode	48500	48500	12764
		ODL mode	0	0	0
	Post Graduate	Regular mode	80	80	83
		ODL mode	856	856	51

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	YES	400
Practicals	NO	
Project	NO	
Term End Exam	YES	1600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : POST GRADUATE DIPLOMA IN BANKING AND FINANCIAL SERVICES

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	POST GRADUATE DIPLOMA IN BANKING AND FINANCIAL SERVICES
Name of Department :	DEPARTMENT OF BUSINESS ADMINISTRATION
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	7
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	NO
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	NO
since when :	
Whether credit system is being followed for regular mode . :	NO
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	7000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	90
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	44	44	7
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	47	47	4

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	NO	
Project	NO	
Term End Exam	YES	600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : POST GRADUATE DIPLOMA IN BUSINESS MANAGEMENT

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	POST GRADUATE DIPLOMA IN BUSINESS MANAGEMENT
Name of Department :	DEPARTMENT OF BUSINESS ADMINISTRATION
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	7
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	NO
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	NO
since when :	
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	7000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	90
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	73	73	17
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	42	42	15

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	NO	
Project	NO	
Term End Exam	YES	600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS
Name of Department :	DEPARTMENT OF COMPUTER SCIENCE
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	4
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	6
Whether nomenclature of proposed programme is as per UGC norms :	NO
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	YES
since when :	2001
Whether credit system is being followed for regular mode . :	NO
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	12000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	360
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	300	105	84
		ODL mode	207	207	36
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	300	380	278
		ODL mode	671	671	153

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	YES	200
Project	NO	
Term End Exam	YES	600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : POST GRADUATE DIPLOMA IN FINANCIAL MANAGEMENT

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	POST GRADUATE DIPLOMA IN FINANCIAL MANAGEMENT
Name of Department :	DEPARTMENT OF BUSINESS ADMINISTRATION
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	7
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	NO
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	NO
since when :	
Whether credit system is being followed for regular mode . :	YES
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	7000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	90
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	25	25	7
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	23	23	3

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	NO	
Project	NO	
Term End Exam	YES	600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : POST GRADUATE DIPLOMA IN HUMAN RESOURCE MANAGEMENT

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	POST GRADUATE DIPLOMA IN HUMAN RESOURCE MANAGEMENT
Name of Department :	DEPARTMENT OF BUSINESS ADMINISTRATION
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	7
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	NO
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	NO
since when :	
Whether credit system is being followed for regular mode . :	NO
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	7000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	90
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	109	109	38
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	158	158	51

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	NO	
Project	NO	
Term End Exam	YES	600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : POST GRADUATE DIPLOMA IN INSURANCE MANAGEMENT

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	POST GRADUATE DIPLOMA IN INSURANCE MANAGEMENT
Name of Department :	DEPARTMENT OF BUSINESS ADMINISTRATION
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	NO
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	7
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	NO
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	NO
since when :	
Whether credit system is being followed for regular mode . :	NO
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	7000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	90
Whether any component of the programme is offered as MOOCs?:	NO

If yes specify semester, name, weightage :

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	NO	
Project	NO	
Term End Exam	YES	600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

NAME OF PROGRAMME : POST GRADUATE DIPLOMA IN SALES AND MARKETING MANAGEMENT

Details of the Programme Proposed to Be Offered Through Open & Distance Learning Mode

Name of programme :	POST GRADUATE DIPLOMA IN SALES AND MARKETING MANAGEMENT
Name of Department :	DEPARTMENT OF BUSINESS ADMINISTRATION
Whether complete SLM prepared for full programme :	YES
Whether Program Project Report (PPR) prepared for the programme and approved as per clause 11(2)&(3) of Part III of Regulations :	YES
Upload Document :	View Document
In case of professional programme approval of concerned statutory body obtained :	YES
Upload Approval Letter :	View Document
Whether SLM approved by Statutory bodies of HEI :	YES
Whether SLM provided in Print :	YES
No. of permanent teachers/faculty available at Headquarters for Regular classes :	7
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Associate Professor) :	0
No. of permanent faculty available exclusively for proposed programme through ODL mode(No. of Assistant Professor) :	0
Whether nomenclature of proposed programme is as per UGC norms :	NO
Whether duration of the proposed programme is as per UGC norms :	YES
Whether minimum eligibility criteria for admission in the proposed programme is as per UGC norms. :	YES
Whether the proposed programme is offered under Regular mode also. If yes, since when :	NO
since when :	
Whether credit system is being followed for regular mode . :	NO
Whether credit system will be followed for distance mode. :	YES
Whether approval obtained from concerned Regulatory Authority, such as AICTE, NCTE etc. for offering the proposed programme through distance mode. If yes, specify authority and give details :	NO
Total Fee to be charged (mention all components) for a semester and for complete programme :	7000
Whether personal contact programme will be mandatory for the proposed programme under ODL mode. If Yes, specify in hours.:	YES
If Yes, specify in hours :	90

Whether any component of the programme is offered as MOOCs?:	NO
If yes specify semester, name, weightage :	

Details of programme under Regular mode for last 3 years

Year	Level	Mode of education	Intake capacity	Students admitted	Students Passed
2017-18	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
2016-17	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	9	9	3
2015-16	Under Graduate	Regular mode	0	0	0
		ODL mode	0	0	0
	Post Graduate	Regular mode	0	0	0
		ODL mode	15	15	2

Mode of evaluation for the proposed programme under distance mode

	Yes or No	Weightage in overall assessment
Assignments	NO	
Practicals	NO	
Project	NO	
Term End Exam	YES	600

Mode of delivery of SLM/SIM (State Yes or No)

Printed material	E-content	Audio/Video	Online Mode
YES	YES	NO	YES

Part C

Annexures

Copy of the Act of HEI/Any other documents for deemed to be University:	View Document
Copy of Notification for establishment of the HEI :	View Document
Copy of Resolution of the HEI for establishment of Distance Education Department :	View Document
Copy of NAAC Accreditation Certificate :	View Document
Copy of Academic Planner for 2018-19 :	View Document

Copy of Programme Project Report (PPR) for each programme :

Name of Programme	View PPR
BACHELOR COMPUTER APPLICATIONS	View
BACHELOR OF ARTS (GENERAL COURSES)	View
BACHELOR OF COMMERCE (GENERAL COURSES)	View
BACHELOR OF SCIENCE (INFORMATION TECHNOLOGY)	View
MASTER OF COMPUTER APPLICATIONS	View
MASTERS OF ARTS IN ASSAMESE	View
MASTERS OF ARTS IN BENGALI	View
MASTERS OF ARTS IN BODO	View
MASTERS OF ARTS IN ECONOMICS	View
MASTERS OF ARTS IN EDUCATION	View
MASTERS OF ARTS IN ENGLISH	View
MASTERS OF ARTS IN HISTORY	View
MASTERS OF ARTS IN MATHEMATICS	View
MASTERS OF ARTS IN NEPALI	View
MASTERS OF ARTS IN PHILOSOPHY	View
MASTERS OF ARTS IN POLITICAL SCIENCE	View
MASTERS OF ARTS IN SANSKRIT	View
MASTERS OF COMMERCE	View
MASTERS OF COMMUNICATION AND JOURNALISM	View
MASTERS OF SCIENCE (INFORMATION TECHNOLOGY)	View
MASTERS OF SCIENCE IN ECONOMICS	View
MASTERS OF SCIENCE IN MATHEMATICS	View
POST GRADUATE DIPLOMA IN BANKING AND FINANCIAL SERVICES	View
POST GRADUATE DIPLOMA IN BUSINESS MANAGEMENT	View
POST GRADUATE DIPLOMA IN COMPUTER APPLICATIONS	View
POST GRADUATE DIPLOMA IN FINANCIAL MANAGEMENT	View
POST GRADUATE DIPLOMA IN HUMAN RESOURCE MANAGEMENT	View
POST GRADUATE DIPLOMA IN INSURANCE MANAGEMENT	View
POST GRADUATE DIPLOMA IN SALES AND MARKETING MANAGEMENT	View

Copy of approval of Statutory bodies for all PPR:	View Document
Copy of Statutory bodies approval for SLM	View Document
Copy of faculty details :	View Document
Copy of Affidavit on stamp paper of Rs. 100, notarized and duly signed by the Vice Chancellor/Registrar:	View Document

[PRINT](#)

[PRINT ANNEXURES](#)

(As amended up to date)

THE GAUHATI UNIVERSITY ACT, 1947 (As amended up to date)

(Incorporating the Gauhati University Amendment Act of 1949,
1960, 1964, 1965, 1968, 1969, 1972, 1975, 1976 and 2013)

An

Act to establish and constitute a teaching, residential
and affiliating University at Gauhati.


 পঞ্জীয়ক
 গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
 Registrar
 Gauhati University, Guwahati-14

THE GAUHATI UNIVERSITY ACT, 1947

(As amended up to date)

(Incorporating the Gauhati University Amendment Act of 1949, 1960, 1964, 1965, 1968, 1969, 1972, 1975, 1976 and 2013)

An

Act to establish and constitute a teaching, residential and affiliating University at Gauhati.

Preamble : Whereas it is expedient to establish and constitute a teaching, residential and affiliating University at Gauhati and to dissolve the Gauhati University Trust Board, registered under the Indian Trust Act, 1882, and to transfer to and vest in the said University all property and rights now vested in the said Trust Board.

It is hereby enacted as follows :

Short Title & Commencement : 1.

1. This Act may be called the Gauhati University Act, 1947.
2. It shall come into force on such date as the State Government may, by notification in the official Gazette, direct.
3. The Gauhati University Trust Board shall be dissolved and all properties and rights now vested in the said Trust Board shall be transferred to and vest in the said University on such date as this Act may come into force.
4. From the date on which this Act comes into force, the Calcutta University as constituted under the Indian Universities Act of 1904, and the Dacca Board of Intermediate and Secondary Education as appointed by the Government of Bengal in their resolution No. 1011 — Education of 1921, shall cease to exercise their jurisdiction over the educational institutions recognised by the Government of Assam, and the Statutes, Ordinances and Regulations and Rules of the Calcutta University and the Dacca Board of Intermediate and

Secondary Education shall not be operative in so far as they relate to such institutions and the Gauhati University shall exercise authority and jurisdiction over all such educational institutions from the aforesaid date.

Notes : By section 5 of the Dibrugarh University Act, 1965, the two districts of Sibsagar and Lakhimpur have been transferred from the jurisdiction of Gauhati University to that of Dibrugarh University. The relevant section runs as follows :

5. (1) Save otherwise provided in this Act, the powers of the University conferred by or under this Act shall extend to the districts of Lakhimpur and Sibsagar and to such other areas and colleges, institutions and other bodies beyond this territorial limit to which any or all of the powers of the University may be extended by it, with the previous approval of the State Government.
- (2) From the date on which this Act comes into force the Gauhati University shall cease to exercise its jurisdiction over all the colleges and institutions affiliated to or recognised by it and lying within the districts of Lakhimpur and Sibsagar, and the Dibrugarh University shall exercise authority and jurisdiction over them from the aforesaid date, as if they were affiliated to, or recognised by the Dibrugarh University from the aforesaid date.

Definitions - 2 : In this Act and in the Statutes, unless there is anything repugnant in the subject or context.

- (a) 'Board of Secondary Education' means the Board of Secondary Education, if any, established by Government.
- (aa) 'College' means any College or institution maintained or admitted to privileges by the University.
- (b) 'Council' means the University Council.
- (c) 'Court' means the University Court.
- (cc) 'Doctors of the University' means persons awarded a Doctorate degree by the University.

- (ccc) 'Degree College' means a College affiliated to the University in which instruction is given to the students of the College upto a standard leading to the award of any Bachelors' degree by the University.
- (d) 'Faculty' means a Faculty of the University.
- (e) 'Government' in this Act shall mean the State Government of Assam unless where the Government of Manipur and the Government of Arunachal Pradesh are specifically mentioned in any Section of this Act.'
- (f) 'Hall' means a unit of residence for the students of the University maintained or recognised by the University in accordance with the provisions of this Act.
- (ff) 'Moderation Board' means a Board constituted in the manner as may be prescribed in the statutes for the purpose of scrutinising and moderating the question papers of various examinations held and conducted by the University, from time to time.
- (g) 'Patron of the University' means a person who has made a donation of not less than Rs. 1,00,000/- to the funds of the University and has been declared by the Chancellor to be a patron of the University.
- (h) 'Principal' means the head of a College and of its teaching staff, and includes, where there is no principal, the person for the time being duly appointed to act as Principal, and in the absence of the Principal, a Vice Principal duly appointed as such.
- (hh) 'Professional College' means a College imparting instructions in the professional subjects namely, Law, Medicine, Engineering, Technology, Agriculture, Veterinary, Post-graduate teachers training and such other subjects as may be prescribed- from time to time as professional subjects under the statutes.
- (i) 'Registered Graduate' means a graduate registered under the provisions of this Act.
- (j) 'Statutes', 'Ordinance' and 'Regulations' means, respectively, the Statutes, Ordinances and Regulations of the University made under this Act.

- (k) 'Teachers' means a Professor a Reader or a Lecturer of the University or College whether constituent or affiliated, or any other person imparting instructions or guiding Research and designated as teacher by the University and includes a person recognised as a teacher by the University.
- (l) 'University' means the Gauhati University
- (m) 'University Professor' or 'University Reader' means a Professor or a Reader appointed or recognised as such by the University.

Constitution, Succession & Purposes :

3. (1) The first Chancellor, the first Vice-Chancellor of the University and the first members of the Court, the Executive Council and the Academic Council and all persons who may hereafter become such officers or members, so long as they continue to hold such office or membership, shall constitute the University.
- (2) The University shall have perpetual succession and common seal and shall sue and be sued by the said name.
- (3) The University shall be deemed to have been constituted for the purposes, among others of making provisions for imparting education, for research and for the advancement and dissemination of knowledge in such subjects as the University may deem fit.

Open to all (4) : The University shall be open to all persons irrespective of sex, race, creed or class, and it shall not be lawful for the University to adopt or impose any test whatsoever of Religious belief or profession in order to entitle a person to be admitted there to as a teacher or student, or to hold any office therein or to graduate there at or to enjoy or exercise any privilege thereof, except where such test is specially prescribed by the statutes or in respect of any particular benefaction accepted by the University or when such test is made a condition thereof by any testamentary or other instrument creating such benefaction.

Power of the University - 5 : The University shall have the following powers, namely —

- (a) To provide for instruction in such branches of learning as the University may think fit, and to make provision for research and for the advancement and dissemination of knowledge.
- (b) To hold examinations and to grant to, and confer degrees and other academic distinctions on, persons who,
 - (i) Have passed a course of study in or prescribed by the University, or
 - (ii) are teachers in educational institutions under conditions laid down in the Ordinances and Regulations and have passed the examination of the University under like conditions.
- (c) to confer honorary degrees or other distinctions, on approved persons in the manner laid down in the Statutes,
- (d) to grant such diplomas to and to provide such lectures and instruction for, persons not being members of the University, as the University may determine,
- (e) to withdraw or cancel Degrees, Diplomas, Certificates or other distinctions granted or conferred,
- (f) to co-operate with other Universities and authorities in such manner and for such purposes as the University may determine,
- (g) to institute any Professorship, Readership Lecturership and any other teaching posts required by the University,
- (h) to appoint or recognise persons as Professors, Readers, or Lecturers, or otherwise as teachers of the University,
- (i) to institute and award fellowship, Scholarships, Exhibitions and prizes in accordance with the Statutes and regulations,
- (j) to maintain Colleges and Halls, to affiliate Degree Colleges and Halls not maintained by the University, and to withdraw such affiliation,
- (k) to demand and receive payments of such fees and other charges as may be authorised by the Ordinances,
- (l) to supervise and control the residence and discipline of students of the University, and to make arrangements for promoting their health and general welfare,

- (m) to receive grants from Government and donations from private individuals or associations, for specific general purposes,
- (n) to make grants from the funds of the University for assistance to extra-mural teaching,
- (o) to make receive, purchase or hold for the purpose of the University any property movable or immovable including any fund, which is or may become vested in the University or placed at its disposal and to grant, demise, alienate, transfer or otherwise dispose of or administer all or any such property or funds for any purpose of the University under this Act including, construction of and buildings, roads, tanks, pipelines or any other structure and also to do all other acts incidental or appertaining thereto.
- (p) To constitute for the benefit of its officers and employees such pensions and provident funds as it may deem fit in such manner and subject to conditions as may be prescribed, and
- (q) To do all such other acts and things, whether incidental to the powers aforesaid or not. as may be requisite in order to further the objects of the University at a Teaching and Examining body, and to cultivate and promote Arts, Sciences and other branches of learning.

Teaching - 6 :

- (1) All recognised teaching in connection with the University courses shall be conducted under the control of the Academic Council by Teachers of the University, and shall include lecturing and laboratory work and other teaching conducted in accordance with any syllabus prescribed by the Regulations.
- (2) The authorities responsible for organising such teaching shall be prescribed by the Statutes.
- (3) The courses and curricula shall be prescribed by the Ordinances and, subject thereto, by Regulations.

Authorities - 7 : The following shall be the Authorities and officers of the University :

- (i) The Chancellor
- (ii) The Vice-Chancellor,
- (iii) The Rector,
- (iv) The Court
- (v) The Executive Council,
- (vi) The Academic Council,
- (vii) The Faculties,
- (viii) The Standing Finance Committee,
- (ix) The Construction Committee,
- (x) The Selection Committee,
- (xi) The Registrar,
- (xii) The Treasurer, and
- (xiii) Such other Authorities and Officers as may be provided for by the Statutes.

POWER & DUTIES OF OFFICERS : 8

- (1) The Governor of Assam shall be Chancellor of the University.
- (2) The Chancellor by virtue of his office shall be the Head of the University and the President of the Court and shall, when present, preside at any Convocation of the University.

CHANCELLOR :

- (3) Where power is conferred upon the Chancellor by this Act or by the Statutes to nominate persons to the authorities of the University or other bodies thereof, the Chancellor shall to the extent necessary nominate person to represent the interests of the minorities, Scheduled Tribes and Scheduled Castes and interests not otherwise represented.

Assam Govt. decision under Section 42 C. (vide Education Deptt. letter No. ECL. 80/74/23 dated 5.1.76) 7 (ii) - The word 'Pro-Chancellor' may be deleted for all purposes.

- (4) Every proposal to confer an honorary degree shall be subject to the confirmation of the Chancellor.

- (5) The Chancellor shall have the power to cause an inspection to be made by such person or persons as he may direct of the University, its buildings, laboratories and equipments and of every institution maintained by the University and also of the examinations teaching and other work conducted or done by the University and to cause an enquiry to be made in like manner in respect of any matter connected with the University.
- (6) The Chancellor shall in every such case, give notice to the Executive Council of his intention to cause an inspection or enquiry to be made and the Executive Council shall be entitled to appoint a representative who shall have the right to be present and be heard at such inspection or enquiry.
- (7) The Chancellor may address the Vice-Chancellor with reference to the result of such inspection and enquiry and the Vice-Chancellor shall communicate to the Executive Council the views of the Chancellor with such advice as the Chancellor may offer upon the action to be taken thereon.
- (8) The Executive Council shall communicated through the Vice-Chancellor to the Chancellor such action, if any, as it is proposed to take or has been taken upon the result of such inspection or enquiry.
- (9) When the Executive Council does not within a reasonable time, take action to the satisfaction of the Chancellor, the Chancellor may, after considering any explanation furnished or representation made by Executive Council issue such directions as he may think fit and the Executive Council shall be bound to comply with such directions.
- (10) Expenses that may be incurred in connection with such inspection or enquiry and certified as such by the Chancellor, shall be a charge on the University.
- (11) The Chancellor, shall have such other powers as may be conferred on him by or under the provisions of this act.
- (12) The Chancellor as head of the University shall have the power to suspend the activities of the various authorities of the University as

and when circumstances so demand and vest all powers and functions of these authorities in the Chancellor to control the affairs of the authority or authorities so suspended in such manner and for such a period as deemed fit and reasonable by him.

VICE-CHANCELLOR : 8 A (1)

The Vice-Chancellor shall be appointed by the Chancellor on the recommendation of an Advisory Board constituted by the Chancellor for the purpose and consisting of three members of whom one member shall be elected by the Executive Council, one member shall be nominated by the State Government and one member shall be nominated by the Chancellor. The Chancellor shall appoint one of them as Chairman of the Advisory Board.

- (2) The Advisory Board shall recommend a panel of names of three person to the Chancellor who may appoint one of the persons recommended to be Vice-Chancellor. If the Chancellor does not approve any of the person recommended by the Advisory Board, he may call for a fresh recommendation.
- (3) The Vice-Chancellor shall be a wholetime officer of the University who shall hold office for a period of five years and shall be eligible for re-appointment.
- (4) The Vice-Chancellor shall retire on the date he attains the age of 65 years.
- (5) The emoluments and other terms and conditions of service of the Vice-Chancellor shall be determined by the Chancellor.
Provided that the salary of the Vice-Chancellor shall not be less than Rs. 2,500 per **menson** including all allowances.
- (6) Whenever there is any temporary vacancy in the office of the Vice-Chancellor by reasons of leave, illness or resignation or other causes, the Chancellor shall make such other arrangement temporarily as he may think fit for exercising the powers and performing the duties of the Vice-Chancellor for such period as deem necessary. The Vice-Chancellor shall determine the emoluments or allowances if any, payable to such a person temporarily appointed to exercise the powers and duties of the Vice-Chancellor.

POWERS & DUTIES OF V.C. : 8 B. (1)

The Vice-Chancellor shall be the Principal Executive and Academic Officer of the University,' and shall, in the absence of the Chancellor, preside at meetings of the court and any Convocation of the University. He shall be an ex-officio member and Chairman of the Executive Council, the Standing Finance Committee, the Construction Committee, and of the Academic Council and shall be entitled to be present and to speak at any meeting of any authority or other body of the University. When present, he shall preside over all such meetings.

- (2) It shall be the duty of the Vice-Chancellor to ensure that the provisions of this Act, the Statutes, the Ordinances and the Regulations are faithfully observed.
- (3) The Vice-Chancellor shall have power to convene meetings of the Court, the Executive Council, the Academic Council, the Finance Committee, and the Construction Committee.
- (4) In any emergency which, in the opinion of the Vice-Chancellor, requires that immediate action should be taken, the Vice-Chancellor shall take such action as he deems necessary, and shall at the earliest opportunity thereafter report his action to the officer, authority or other body who or which in the ordinary course, would have dealt with the matter.
- (5) When any such action taken by the Vice-Chancellor affects any person in the service of the University, such person shall be entitled to prefer an appeal to the Executive Council through the officer, authority or other body of the University within thirty days from the date on which such action is communicated to him.
- (6) The Vice-Chancellor shall give effect to any order of the Executive Council regarding the appointment, dismissal or suspension of an officer or teacher of the University or regarding the recognition of withdrawal of the recognition of any such teacher and shall exercise general control in the University. He shall be responsible for the discipline of the University.
- (7) The Vice-Chancellor shall exercise such other powers as may be prescribed by the Statutes and Ordinances.

RECTOR : 8 B

- (1) The Rector shall be appointed by the Chancellor on the recommendation of the Vice-Chancellor on such emoluments and allowances as may be fixed by the Chancellor. He shall hold office for a term of five years and shall be eligible for re-appointment.
- (2) The Rector shall exercise such powers and perform such duties of the Vice-Chancellor as may, from time to time, be delegated to him by the Vice-Chancellor.

REGISTRAR : 8 C

- (1) The Registrar shall be a whole time salaried officer of the University and shall be appointed by the Executive Council on such terms, conditions and remunerations as may be prescribed.
- (2) The term of office of the Registrar shall be for five years but he may be eligible for re-appointment.
- (3) The Registrar shall be the Secretary *ex-officio* of the Court, Executive Council and of the Construction Committee.

Provided that, notwithstanding anything contained in this Act, the Executive Council may, either for special purpose or in general, appoint any other officer of the University as Secretary of any of the said authorities.

- (4) It shall be the duty of the Registrar -
 - (i) To be the custodian of the records, common seal and such other property of the University as the Executive Council shall commit to his charge and to manage such properties ;
 - (ii) To sign and verify all contracts and agreements made on behalf of the University and to act as Secretary of such other Committees as may be prescribed by the Statutes ;
 - (iii) To conduct the official correspondence of the Court and the Executive Council ;
 - (iv) To issue all notices convening meetings of all such committees or Councils or Boards of which he is the Secretary.
 - (v) To arrange for and superintend the examination of the University till such time when the University appoint other officers, if any, for this purpose; and

- (vi) to perform such other work as may, from time to time, be prescribed by the Executive Council.

TREASURER 8 D :

- (1) The Treasurer shall be a whole-time salaried officer of the University and shall be appointed by the Executive Council for a period of five years on such terms, conditions and remuneration as may be prescribed. He may be eligible for re-appointment.
- (2) The Treasurer shall exercise general Supervision over the funds of the University and advise in regard to its financial policy.
- (3) Subject to the control of the Executive Council, he shall manage the investments of the University and be responsible for the preparation and presentation of the annual estimates and statements of accounts and for proper maintenance of the accounts.
- (4) Subject to the powers of the executive Council, the Treasurer shall be responsible for ensuring that all moneys are expended for the purposes for which they granted or allotted.
- (5) The Treasurer shall exercise such other powers as may be prescribed by the Statutes and the Ordinances :

Provided that the Chancellor may on the recommendation of the Executive Council in the case of any casual vacancy in the office of the Treasurer, direct that the Registrar shall act as all the powers of the Treasurer, and when any such direction has been made all references to the Treasurer in this Act, the Statutes, the Ordinances and the Regulations shall be deemed to be a references to the Registrar.

COURT 9 :

- (1) The Court shall consist of the following persons, namely:

EX-OFFICIO MEMBERS :

- (i) The Chancellor
- (ii) The Vice-Chancellor
- (iii) The Rector

- (iv) The Minister of Education of any other State or States, if any, to which the jurisdiction of the University may extend,
- (v) The Registrar
- (vi) The Treasurer
- (vii) The Secretary to the Government of Assam in the Education Department.
- (viii) The Director of Public Instruction, Assam,
- (ix) The Director of Public Instruction of any other State or States, to which the jurisdiction of the University may extend
- (x) The Additional Director of Public Instruction, Assam
- (xi) The Director of Technical Education, Assam
- (xii) The Director of Health Service, Assam
- (xiii) The Director of Agriculture, Assam
- (xiv) The Director of Animal Husbandry and Veterinary, Assam
- (xv) The Principals of Cotton College, Diphu Government College, Assam Engineering College and the Gauhati Medical College.
- (xvi) The Vice-Chancellor of Dibrugarh University and any University in the State.
- (xv) One third of the Principals of Degree Colleges affiliated to the University by election from among themselves in the manner prescribed by the Statutes. In case the number of Degree Colleges affiliated to the University being not divisible by three and found to be more than half, one more College may be included but if it is less than half, it may be ignored,

Assam Govt. decision under section 42C, (vide Education Deptt. Letter No. ECL 80/74/23 dated 5.1.76)

9. (I)

- (xvii) The Principals of Cotton College, Diphu Govt. College, Assam Engineering College and Gauhati Medical College may be excluded as they are automatically members of the Court under clause (xv) of the aforesaid Act.

If the balance is found to be more than $\frac{1}{2}$, the number may be raised by one if it is less than $\frac{1}{2}$, it may be ignored.

- (xviii) The Principals of the Constituent Colleges
- (xix) 10 persons from the Heads of Departments and Professors of the University being allotted Faculty wise by rotation to be decided by the Executive Council.

OTHER MEMBERS :

- (xx) Persons not exceeding ten in number nominated by the Chancellor from amongst the donors, each of whom has contributed a sum of rupees five lakhs or more to the University.
- (xxi) Seven persons to be elected by the members of the Assam Legislative Assembly from amongst themselves.
- (xxii) Two members of the Board of Secondary Education, Assam, elected by the aforesaid Board.
- (xxiii) Ten persons of whom at least two shall be from the professional Degree Colleges to be elected by the teachers, other than the Heads of Departments and Professors of the Departments of the University and the Principals of the constituent and affiliated Degree Colleges from amongst themselves.
- (xxiv) Two Registered Graduates elected by the Registered Graduates of the University who are not employees or students of the University or the affiliated Colleges.
- (xxv) Ten persons distinguished in Literature, Law Medicine, Engineering, Technology, Commerce and Public life nominated by the Chancellor.
- (xxvi) Two persons to be nominated by the Chancellor from amongst those whose interests are not otherwise represented.
- (xxvii) (a) Seven representatives to be elected by the Post-Graduate Students of the University from amongst themselves.

Provided that a student to be so elected must have been student of the University for at least one year prior to his election.

Provided further that no student who has taken more than one year in excess of the period prescribed for the course of which he is a student would be eligible for such election.

- (b) Two representatives to be elected by the Law students of the University from amongst themselves.

Provided that a student to be so elected must have been a student of the University for at least one year prior to his election.

Provided further that no student who has taken more than one year in excess of the period prescribed for the course of which he is a student would be eligible for such election.

(2) Save as otherwise provided and except the ex-officio members, all other members shall hold office for a period of three years from the date of their election or nomination, as the case may be :

Provided, however, that no person nominated or elected in his capacity as a member of a particular body or as a holder of a particular appointment shall be a member after he ceases to be a member of that body or holder of that appointment, as the case may be :

Provided further that any member elected or nominated under clause (xxvi) of sub-section (I) shall hold office for a period of one year only from the date of his election or nomination, as the case may be. He shall cease to be a member of the Court on his ceasing to be a student of the University.

- (3) When a person ceases to be a member of the court, he shall cease to be a member of any of the authorities or committees of the University of which he may happen to be a member by virtue of the membership of the Court.
- (4) With the approval of the Court Vice-Chancellor may remove a member, elected under sub-clause (a) and (b) of clause (xxvi) of sub section (I), if he does not fulfil the conditions laid down in the provision therein.

Assam Govt. decision under section 42 C. (vide Education Dept, letter No. ECL 10/74/23 dated 5-1-76).

- 9 (1) (xvii) The Principals of Cotton College, Diphu Govt. College, Assam Engineering College and Gauhati Medical College may be excluded as they are automatically members of the Court under clause (XV) of the aforesaid Act.

If the balance is found to be more than $\frac{1}{2}$ the member may be raised by one and if is less than $\frac{1}{2}$, it may be ignored.

MEETING OF THE COURT : 10

- (1) The Court shall meet at least twice a year on dates to be fixed by the Vice-Chancellor. One of such meetings shall be held in January and shall be called the Annual General meeting. The Court may also meet at such other times as it may, from time to time determine.
- (2) The Vice-Chancellor may, whenever he thinks fit, and shall upon a requisition in writing signed by not less than one-third of the members of the Court, convene a special meeting of the Court.

POWERS & DUTIES OF THE COURT : 11

Subject to the provisions of this Act, the Court shall have the following powers and duties, namely,

- (a) To review, from time to time, the broad policies and programmes, of the University and to suggest measures for the improvements and development of such policies, programmes works and other affairs ;
- (b) To consider the annual report, the annual accounts, the audit report and the statement of the financial estimates, for the ensuing year, to approve the financial estimates, with such comments, if any, to express its views on the annual report and to suggest such measures as it may deem proper on the matters covered by them :
- (c) To approve, with or without modifications, the Statutes submitted by the Executive Council.

Provided that before making any modification to the Statutes submitted by the Executive Council, the Executive Council shall be given an opportunity to consider the modifications proposed by the Court and the Court shall consider the opinion expressed by the Executive Council on such modifications.

EXECUTIVE COUNCIL : 12

12. (1) The Executive Council shall be the Executive body of the University shall consist of the following members.

EX-OFFICIO MEMBERS :

- (i) The Vice-Chancellor,

- (ii) The Rector,
- (iii) The Director of Public Instruction, Assam,
- (iv) The Director of Technical Education, Assam,
- (v) The Director of Health Service, Assam,
- (vi) The Director of Public Instruction, Manipur,
- (vii) The Director of Public Instruction, Arunachal Pradesh,
- (viii) The Chairman, Board of Secondary Education, Assam.

OTHER MEMBERS :

- (ix) Two Principals of non-Government affiliated Degree Colleges to be elected from amongst themselves.
 - (x) One Principal of Government affiliated Degree Colleges to be elected from amongst themselves,
 - (xi) Two Heads of Departments, other than Deans of Faculties, of the University who are professors, to be chosen by the Vice-Chancellor by rotation according to seniority for a period of three years.
 - (xii) One Dean of Faculty to be chosen by the Vice-Chancellor from the Dean of Faculties of the University for a Period of three years, by rotation according to Seniority.
 - (xiii) Three members to be elected by the Court from amongst its members at its Annual General Meeting other than employees and students of the University or the affiliated Colleges.
 - (xiv) Two teachers other than a Dean of Faculty of the University and the Principals of the affiliated colleges to be elected by the Academic Council from amongst such teachers who are its members.
 - (xv) There persons of whom at least one shall be a woman to be nominated by the Chancellor, and
 - (xvi) There persons be nominated by the Government
- (2) Save as otherwise provided and except the ex-officio members, all other members shall hold office for a period of three years from the date of their election or nomination, as the case may be :

Provided, however, that no person nominated or elected in his capacity as member of a particular body or as a holder of a particular appointment shall be member after he ceases to be a member of that body or holder of that appointment, as the case may be.

- (3) When a person ceases to be a member of the Executive Council, he shall cease to be a member of any of the authorities of the University of which he may happen to be a member by virtue of his membership of the Executive Council.

POWERS OF THE EXECUTIVE COUNCIL : 13

The Executive Council –

- (a) Shall hold, control and administer the property and funds of the University and shall appoint a Finance Committee to advise it on matters of finance consisting of six members of whom the Vice-Chancellor shall be the Chairman, the Treasurer shall be the Secretary and the other four members shall be appointed as follows :
 - (i) Two members to be elected by the Executive Council from among its members, and
 - (ii) Two members to be nominated by the Government one from the Finance Department and the other from the Education Department of this Government;
- (b) Shall do all acts appertaining or incidental to the construction of buildings, roads, tanks, pipelines and other structures of the University and for the purpose shall appoint a Construction Committee consisting of seven members of whom the Vice-Chancellor shall be the Chairman, the Registrar shall be the Secretary, the Treasurer, a member and the remaining four members shall be appointed from among the members of the Executive Council with power to co-opt experts as members who shall have no power to vote :

Provided that at least one member of the Committee shall be appointed from amongst the members elected to the Executive Council by the Court :

- (c) Shall determine the form and regulate, the use of the Common Seal of the University ;
- (d) Shall lay before the Government annually a full statement of the financial requirements of the University and the colleges maintained by it ;
- (e) Shall administer funds placed at the disposal of the University for any specific purpose including those given for the purpose of buildings, roads, tanks, pipelines and other structures of the University ;
- (f) Subject to the provisions of this Act and the Statutes shall appoint the officers (other than the Chancellor and the Vice-Chancellor), teachers, the clerical staff and other employees of the University and define their duties and conditions of service and shall provide for the filling up of temporary vacancies ;
- (g) Shall have power to accept, on behalf of the University, bequest, endowments, donations, or transfer of any movable or immovable property ;
- (h) Shall have power subject to Statutes, to recognise or withdraw recognition from a College or Hall not maintained by the University.
- (i) Shall arrange for holding of conducting and publishing the results of the University examination.
- (j) Shall subject to the powers conferred by this Act on the Vice-Chancellor regulate and determine all matters under this Act concerning the University in accordance with this Act, the Statutes and the Ordinances.

Provided that no action shall be taken by the Executive Council in respect to the numbers, qualifications or emoluments of teachers otherwise than in consultation with the Academic Council; and

- (k) Shall exercise all the powers of the University not otherwise provided for.

ACADEMIC COUNCIL - 14 :

- 14 (1) The Academic Council shall be the academic body of the University and shall, subject to the provisions of this Act, the Statutes and the Ordinances have the control and general regulation of and be responsible for the maintenance of standards of instruction, education, and examination within the University.
- (2) (a) The Academic Council shall consist of the following members.

EX-OFFICIO MEMBERS :

- (i) The Vice-Chancellor,
- (ii) The Director of Public Instruction,
- (iii) The Director of Technical Education, Assam
- (iv) The Director of Health Services, Assam
- (v) The Deans of Faculties,
- (vi) The Professors of the University,
- (vii) The University Readers who are Heads of Department of Teaching,
- (viii) The Librarian of the University,

OTHER MEMBERS :

- (ix) Five persons of whom at least one shall be a Principal of a Professional College, elected by the Principals of Colleges, from among themselves.
- (x) Fifteen persons to be elected from among the teachers of the affiliated colleges and of the University of whom at least twelve shall be from the affiliated Colleges.
- (xi) Persons not exceeding three, other than teachers of the University appointed by the Chancellor being persons who by reason of their possessing expert knowledge in subjects named for the purpose by the ex-officio members of the Academic Council are in the opinion of the Chancellor fitted to serve in the Council.
- (xii) Two persons to be elected by the Court, who are not employees or students of the University or the affiliated Colleges and,

- (xiii) One Education Officer of the Board of Secondary Education, Assam to be nominated by the Chairman of the aforesaid Board.
- (b) Save as otherwise provided and except the ex-officio members all other members shall hold office for a period of three years from the date of their election or nomination as the case may be.
- (c) When a person ceases to be a member of the Academic Council he shall cease to be a member of any of the authorities of University of which he may happen to be a member by virtue of his membership of the Academic Council.

POWER OF ACADEMIC COUNCIL : 14

- A. The Academic Council shall have the following powers, namely :
- (i) To make proposals to the Executive Council for the Institution of Professorships, Readerships, Lecturerships or other teaching posts, and in regard to the duties and emoluments thereof ;
 - (ii) To Submit to the Executive Council draft Regulations, regarding methods and manner of conducting examinations including setting up of Moderation Boards and to award in accordance with such Regulations, Fellowships, Scholarships, Exhibitions, Medals and other rewards;
 - (iii) To recommend examiners for appointments to be made by the Vice-Chancellor after report from the Faculties concerned;
 - (iv) To control the University Library, to frame Regulations regarding its use, and to appoint a Library Committee under the general control of the Academic Council to manage the affairs of the Library;
 - (v) To assign subjects to the faculties;
 - (vi) To assign teachers to the faculties;
 - (vii) To promote research within the University including the establishment of a Research Council and to require reports on such research from the persons employed thereon;
 - (viii) To provide for the inspection of Colleges and Halls in respect of the instruction and discipline therein and to submit report thereon to the Executive Council;

- (ix) To organise teaching in the University and to control the work of teachers; and
- (x) Such other powers and duties as may be assigned to it under the Statutes.

FACULTIES : 15

- (1) The University shall include Faculties of Arts, Science, Law, Medicine, Technology, Agriculture, Engineering, Commerce and Indian Fine Arts and such other Faculties as may be prescribed by the Statutes.
- (2) Each Faculty shall, subject to the control of the Academic Council, have charge of the teaching and the courses of study and the research work in such subjects as may be assigned to such Faculty by the Ordinances.
- (3) Each Faculty shall consist of –
 - (i) The Heads of the Departments comprised in the Faculty;
 - (ii) Such teachers of subjects assigned to the Faculty as may be appointed to the faculty by the Academic Council;
 - (iii) Such teachers of subjects not assigned to the Faculty but having, in the opinion of the Academic Council, an important bearing on those subjects, as may be appointed to the Faculty by the Academic Council; and
- (iv) Ten teachers of the affiliated Colleges representing different subjects to be elected from amongst themselves;

Provided that a teacher so elected shall hold office for a period of two years from the date of his election.
- (v) Such other persons as may be appointed to the Faculty by the Academic Council on account of their possessing expert knowledge in a subject or subjects assigned to the Faculty.

Provided that total number of members of each Faculty shall not exceed, in the case of the Faculties of Arts and Science, twenty eight and in the case of any other Faculty, 18 (eighteen, except with the sanction of the Chancellor given on the request of the Academic Council.

POWERS OF FACULTY 15 (3) (a)

Subject to the provisions of this Act, each Faculty shall have the following powers, namely –

- (i) To constitute the Committees of Courses and Studies in Departments assigned to it.
 - (ii) To recommend to the academic Council the courses of studies for the different examinations, after consulting the Committees of Courses and Studies;
 - (iii) To recommend to the Academic Council, after consulting the Committees of Courses and Studies, the names of the examiners in subjects assigned to the Faculty.
 - (iv) To recommend to the Academic Council the Conditions for the award of Degrees, Diplomas and other distinctions.
 - (v) Subject to the control of the Academic Council, to organise research in subjects assigned to the Faculty; and
 - (vi) To deal with any other matters referred to by the Academic Council.
4. There shall be a Dean of each Faculty who shall be responsible for the due observance of the Statutes, Ordinances and Regulations relating to the faculty. He shall be the executive Officer of the Faculty and shall preside at its meeting, subject to the provisions of sub-section (I) of section 8 B.
 5. Each Faculty shall comprise such Departments of teaching as may be prescribed by the Ordinances. The Head of every such Department shall be Professor of the Department or, if there is no Professor, the Reader. If there is more than one Professor, or more than one Reader of a Department, the Vice-Chancellor shall appoint to be the Head of the Department such one of the Professors or, if there is no Professor, such one of the Readers as he thinks fit. The Head of the Department shall be responsible to the Dean for the organisation of the teaching in the Department.
 6. The Dean of a Faculty be elected by the Faculty from among the Heads of the Departments of the Faculty and shall hold office for a period of three years.

SELECTION COMMITTEE 15 A (1) (a)

There shall be a Selection Committee for making recommendations to the Executive Council for appointment of Professor, Readers, Lecturers, Registrar, Treasurer, Librarian and other officers of the University as may be provided for by the Statutes consisting of the following members.

- (i) The Vice-Chancellor as Chairman of the Selection Committee.
 - (ii) Three persons not holding any office of profit under the University of whom one nominated by the Chancellor, one to
 - (iii) The Registrar shall be the member Secretary of the Selection Committee except for the Selection Committee of the appointment of Registrar in which case the Vice-Chancellor shall nominate one person as member Secretary in consultation with the Executive Council.
- (b) In making recommendations for the appointment of Professors of the University, the Selection Committee shall co-opt the Head of the Department concerned, if he is a Professor, one Professor of the Department to be nominated by the Vice-Chancellor and two persons not in the services of the University to be nominated by the Executive Council out of a panel of not less than five names of persons recommended by the Academic Council, who have special knowledge of the subject for which the Professor is to be selected.
 - (c) In making recommendations for the appointment of Readers or Lecturers and other teachers of the University, the Selection Committee shall co-opt the Head of the Department concerned, one Professor of the Department to be nominated by the Vice-Chancellor and two persons to be nominated by the Executive Council out of a panel of not less than five names of persons recommended by the Academic Council being persons not connected with the University, who have special knowledge of or interest in the subject for which the Reader or Lecturer is to be selected.

Provided that where the Executive Council proposes to make an appointment otherwise than in order of merit arranged by the Selection Committee the post of Professors, Readers or Lecturers it shall record its reasons in writing and submit them to the Chancellor

who may approve the proposal or return it to the Executive Council for reconsideration. After reconsideration, if the Executive Council desires to pursue its original proposal, it shall refer the matter again to the Chancellor for his decision which shall be final.

Provided further that, where a Selection Committee recommends to the Executive Council the name of one person only and that person is not acceptable to the Executive Council, the Executive Council shall record its reasons in writing for not accepting the recommendation and direct the Registrar to advertise the vacancy again and convene a meeting of the Selection Committee for making fresh recommendation, and in so doing communicate to every member of the Selection Committee the reasons recorded as above.

- (d) Where an appointment is to be made to a temporary vacancy of Teachers of the University, the appointment shall be made, if vacancy is for a period of one year or more, on the recommendation of the Selection Committee in accordance with the provisions of the preceding sub-sections and no ad-hoc appointment shall be made by the Executive Council.
- (2) If a member of the Selection Committee is unable to attend, he may send his opinion in writing to the Vice-Chancellor and such opinion shall be taken into consideration by the Committee in making its recommendations.

Explanation — For the purpose of this Section the co opted members will be deemed to be members of the Selection Committee for the purpose for which they are co-opted.

- (3) If the Executive Council does not accept any of the recommendations of the Selection Committee it shall refer the matter to the Chancellor, stating clearly the reasons for not agreeing with the Selection Committee, and the decision given by the Chancellor thereon shall be final.
- (4) The Executive Council shall constitute one or more Committees for making recommendations to the Executive Council for appointment to other administrative posts and may prescribe by Ordinance the procedure and methods to be followed in making such recommendations.

STUDENTS ADVISORY COUNCIL 15 B (1)

There shall be a students' Advisory Council which shall consist of the following members, namely ;

- (i) One Chairman to be nominated by the Vice-Chancellor from amongst the teachers of the University.
- (ii) The Director of students Welfare ex-officio Treasurer,
- (iii) President, Vice-President and Secretary of the Post-Graduate Students' Union.
- (iv) President and Secretary of the University Law Students' Union.
- (v) 10 students from ten affiliated Degree College to be selected by the Executive Council by rotation in the manner to be prescribed by the statutes.
- (vi) One student from each teaching faculty of the University to be elected as prescribed by the Statutes.
- (vii) Five students one from each of the five activities mentioned below who have shown outstanding performances in the following activities to be nominated by the Vice-Chancellor, namely :
 - (1) Sports
 - (2) National Service Schemes
 - (3) National Cadet Corps
 - (4) Cultural activities
 - (5) National Discipline Scheme
- (viii) Four lady Students to be nominated by the Vice-Chancellor.
- (ix) The Directors of Sports and Physical Education, if any.
- (x) The members of the Students' Advisory Council shall elect from amongst themselves the Secretary of the Council.
- (2) The term of office of the members of the Students' Advisory Council other than ex-officio members shall be one year.
- (3) The quorum to constitute a meeting of the Students' Advisory Council, the rules of procedures and conduct of business to be followed at a meeting, the period within which a meeting shall be called and such other matter shall be prescribed by the Statutes :

Provided that no student shall be eligible to be or continue to be a member of the Students' Advisory Council unless he is enrolled as a student or after he attains the age of twentyfive years. A student member shall cease to be such member if he fails to pass at the next University Examination.

- (4) The functions of the Students' Advisory Council shall be as follows namely :
- (i) To make recommendations to the Executive Council and the Academic Council in the matters effecting the students corporate life of the University in so far as it concerns the students and the Co-curricular and extra-curricular activities in the University and the Degree Colleges affiliated to the University.
 - (ii) All rules effecting discipline, welfare, sports, Literary, Management of Hostels, students Home, extension work, social work, students' health National Service Scheme. N.C.C. etc. shall be placed before the Students' Advisory Council for its views before any decision is taken by the Executive Council.
 - (iii) The Vice-Chancellor or any authority of the University may ask for the views of the Students' Advisory Council on any matter concerning the Welfare of students.
 - (iv) The Chairman of the Students' Advisory Council shall be the Authority to decide whether a matter does or does not concern the students.
 - (v) The Students' Advisory Council shall frame its own rules of business and shall submit the same to the Executive Council for consideration and approval.

OTHER BODIES : 16

The constitution, powers and duties of such other Authorities as may be declared by the Statutes shall be provided for in the manner prescribed by the Statutes.

BOARDS : 17

- (1) The University shall include a Residence, Health and Discipline Board and such other Boards as may be prescribed by the Statutes.

- (2) The constitution, powers and duties of the Residence, Health and Discipline Board and of all other Boards of the University shall be prescribed by the Ordinances.

HIGH SCHOOL : 18

The University shall exercise no authority over High Schools of the State or other schools of the State except in so far as it may accept or not except the State School Leaving Certificate or any other certificate as equivalent of the Matriculation in regard to the standard attained and to the subjects presented.

Provided that the University shall have jurisdiction over the High Schools and High Madrasas in Assam till such time as all schools in Assam are brought under a separate Board of Secondary Education.

MATRIC : 19

The University shall have the right to hold a Matriculation Examination for the admission of the students to the University or to its affiliated colleges without regard to any school Examinations held by the Government or any other authority.

Provided that no student shall be required to appear in the Matriculation Examination if he has passed the final examination conducted by the Board of Secondary Education.

AUDIT OF ACCOUNT : 20

- (1) The accounts of the University shall, once at least in every year and at the intervals of not more than fifteen months, be audited by the Examiner, Local Accounts, Assam.
- (2) The accounts when audited shall be published in the Official Gazette and a copy of the accounts together with the Report of the Examiner, Local Accounts, shall be submitted to the Chancellor.

STATUTES : 21

Subject to the provisions of this Act, the Statutes may provide for all any of the following matters, namely :

- (a) The conferment of honorary Degrees;
- (b) The Institution of Fellowships, Scholarship, Exhibitions and prizes;
- (c) The terms of office, the method of appointment and the conditions of service of the officers of the University;
- (d) The designation and the powers of the officers of the University;
- (e) The constitution, powers and duties of the authorities of the University;
- (f) The institution of Colleges and Halls and their maintenance;
- (g) The condition for affiliation by the Executive Council of Colleges and Halls not maintained by the University and for withdrawals of such affiliation in consultation with the Government.

Provided that no statute relating to the management of Colleges and Halls and condition of services of employees, shall apply to the Government Colleges and Government Aided Colleges in respect of which the respective Government of Assam, Manipur and Arunachal Pradesh under whose territorial jurisdiction the Colleges are situated, shall make necessary rules in consultation with the University, No new Degree Colleges shall be given permission or affiliation by the University without the prior concurrence of the respective Government of Assam, Manipur and Arunachal Pradesh, Permission and affiliation of new Pre-University College in Manipur and Arunachal Pradesh may be given by the University with the prior concurrence of the respective Government of Manipur and Arunachal Pradesh and that the Executive Council shall have no jurisdiction to permit and affiliate new Pre-University class or College within the State of Assam.

Provided further that the Executive Council shall have jurisdiction over affiliation of existing Pre-University Section of Degree Colleges and existing Pre-University Colleges having Pre-University Examinations till within the State of Assam and conduct the Pre-University Examinations till such time the Government, by Notification in the Official Gazette, appoint and vest all such powers of the Executive Council to the "Board of Secondary Education, Assam".

- (h) the consultation of Pension, Insurance and Provident Funds for the benefit of the Officers, Teachers, Electrical Staff and servants of the University.
- (i) The maintenance of a register of registered graduates; and
- (j) All matters which by this Act are to be or may be prescribed by the Statutes.

STATUTES HOW MADE : 22. (1)

Subject to the provisions of this Act and with the approval of the Court, the Executive Council may make Statutes for the purpose of carrying out the provisions of this Act, and in respect of all matters after which are required to be or may be provided for by Statutes.

- (2) The draft Statutes or draft amendments may be approved or amended or rejected by the Court in the manner hereinafter provided.

Provided that no draft Statutes or draft amendments to Statutes with financial implication shall be amended without further reference to the Executive Council.

- (3) Every draft of Statutes proposed by the Executive Council shall be submitted to the Court for consideration. Such draft shall be considered by the Court at its next meeting. The Court may pass the Statute or may amend it or may return the Statute to the Executive Council for re-consideration.
- (4) Any draft of a Statute proposed by the Executive Council and rejected by the Court shall be submitted to the Chancellor who may refer in back to the Court for reconsideration.
- (5) Every Statute passed by the Court shall be submitted to the Chancellor who may give or withhold his consent or refer it back to the Court for reconsideration.
- (6) A Statute passed by the Court shall have no validity until it has been assented to by the Chancellor.
- (7) Any member of the Court may propose to the Executive Council the draft of any Statutes; and the Executive Council shall submit such proposed draft to the Court with its comments.

ORDINANCES : 23

Subject to the provisions of this Act, and the Statutes, the Executive Council may frame ordinances to provide for all or any of the following matters, namely.

- (a) The admission of students to the University and their enrolment as such.
- (b) The courses of study to be laid down for all degrees and diplomas of the University;
- (c) The conditions under which the students shall be admitted to the degree and diploma courses and the examinations of the University and shall be eligible for the Degrees and Diplomas.
- (d) The conditions of residence of the student of the University.
- (e) The affiliations of Colleges and recognition of the Hostels
- (f) The qualifying attendance required in the various courses.
- (g) The extension of University teaching in any suitable centre within the State by means of University extension lectures or others.
- (h) The emoluments and conditions of service of teachers of the University.
- (i) The fees to be charged for study in the University and for admission to the examinations, degrees and diplomas of the University.
- (j) The formation of Departments of teaching in the Faculties.
- (k) The constitution powers and duties of the Boards of the University.
- (l) The conduct of examinations; and
- (m) All matters which by this Act or the Statutes are to be or may be provided by the Ordinances.

ORDINANCES HOW MADE : 24 (1)

Save as otherwise provided, ordinances shall be framed by the Executive Council :

Provided that :

- (i) No Ordinance shall be made effecting the conditions of residence of students, except after consultation with the Residence, Health and Discipline Board, and

- (ii) No ordinance shall be made —
 - (a) Affecting the admission or enrolment of students or prescribing examinations to be recognised as equivalent to the University examinations or prescribing the further qualifications mentioned in subsection (2) of section 28 for admission to the Degree Courses of the University, or
 - (b) Affecting the conditions, mode of appointment or duties examiners or the conduct or standard of examinations or any course of study, unless a draft of such Ordinance has been proposed by the Academic Council.
- (2) The Executive Council shall not have power to amend any draft proposed by the Academic Council under the provision of subsection (1) but may reject it or return it to the Academic Council for reconsideration either in whole or in part, together with any amendment which the Executive Council may suggest.
- (3) Such of the draft Ordinances proposed by the Academic Council as are rejected by the Executive Council under sub-section (2) shall be placed by the Executive Council with its comments before the Chancellor whose decisions shall be final.

REGULATIONS : 25 (1)

The authorities of the University may make Regulations consistent with this Act, the Statutes and the Ordinances –

- (a) Laying down the procedure to be observed at their meeting and the number required to form a quorum.
 - (b) Providing for all the matters which by this Act, the Statutes and the Ordinances are to be prescribed by Regulations and
 - (c) Providing for all other matters solely concerning such authorities and not provided for by this Act, the Statutes and the Ordinances.
- (2) Every authority of the University shall make Regulations Providing for the giving of notice to the members of such authority, of the dates of meeting and the business to be considered at the meetings, and for the keeping of record of the proceedings of the meetings.
- (3) The Executive Council may direct the amendment, in such manner as it may specify, of and Regulation under this section or the annulment of any Regulation made under sub-section (1).

COLLEGES : 26

- (1) The Colleges shall be such as may be named in the Statutes.
- (2) The conditions of residence in the Colleges shall be prescribed by the Ordinances, and every College shall be subject to inspection by any member of Residence, Health and Discipline Board authorised in this behalf by the Board and by any Officer of the University authorised in this behalf by the Executive Council.

HALLS : 27

- (1) The Halls shall be such as may be maintained by the University or approved or recognised by the Executive Council on such grounds and conditions as may be prescribed by the Ordinances.
- (2) The Wardens and the Superintending staff of the Halls be appointed in the manner prescribed by the Statutes.
- (3) The conditions of residence in the Halls shall be prescribed by the Ordinances and every Hall shall be subject to inspection by any member of the Residence, Health and Discipline Board and by any Officer of the University authorised in this behalf by the Executive Council.
- (4) The Executive Council shall have power to suspend or withdraw the recognition of any Hall which is not conducted in accordance with the conditions prescribed by the Ordinances.

ADMISSION TO COURSES : 28

- (1) Admission of students to the University shall be made by an Admission Committee (including at least one principal) appointed for that purpose by the Academic Council.
- (2) Students shall not be eligible for admission to a course of study for degree unless they have passed the Intermediate Examination of an Indian University incorporated or constituted by any law for the time being in force, or an examination recognised in accordance with the provisions of this section as equivalent to such examination and possesses such further qualifications, if any as may be prescribed by the Ordinances. Any such qualification may be tested by examinations;

Provided that, during a period of five years from the commencement of this Act and such further period as the Chancellor may direct, any students who has passed the Matriculation Examination of any such University or any examination recognised in accordance with the provisions of this section as equivalent thereto, and possesses such further qualifications as may be prescribed by the Ordinance, may be deemed eligible for admission to the University. any such qualifications may be tested by examinations.

EXAMINATIONS : 29

- (1) Subject to the provisions of this Act, and of the Statutes, all arrangements for conduct of examinations shall be made by the Academic Council in such manner as may be prescribed by this Act and the Ordinances.
- (2) If, during the course of the examinations, any examiner is for any cause incapable of acting as such, the Vice-Chancellor shall appoint an examiner to fill the vacancy and shall report the appointment to the Faculty concerned and Academic Council.
- (3) At least one examiner who is not a teacher or other person in the service of the University or a College, shall be appointed for each subject included in a Department of teaching and forming part of the Course which is required nor a University Degree.
- (4) The Academic Council shall appoint Examination Committees consisting of members of its own body or of other persons or of both, as it thinks fit, to moderate examination questions to moderate and prepare the results of the examinations and to report such results to the Executive Council through the Academic Council for publication.

ANNUAL REPORT : 30

The Annual Report of the University shall be prepared under the direction of the Executive Council and shall be submitted to the Court on or before such date as may be prescribed by the Statutes and shall be considered by the Court as its annual meeting. The Court may pass resolutions and communicate the same to the Executive Council.

ANNUAL ACCOUNTS : 31

- (1) The annual accounts and balance sheet of the University shall be prepared under the direction of the Executive Council and shall be submitted to the Chancellor for the purpose of audit.
- (2) The accounts when audited shall be published by the Executive Council in the Assam Gazette, and copies thereof shall, together with copies of the audit report, if any, be submitted to the Court and the Chancellor. The Executive Council shall also submit to the Court, on or before such date as may be prescribed by the Statutes, a statement of the Financial estimates for the ensuing year.
- (3) The annual accounts and the financial estimates shall be considered by the Court at its annual meeting, and the Court may pass resolutions thereon and communicate the same to the Executive Council.

EXPLANATIONS & REMOVAL FROM COURT OR E.C. 32

- (1) If a member of the Court or the Executive Council of the University remains absent without sufficient reason from the two successive meetings of the Executive Council, as the case may be the Chancellor may call upon that member to offer within a reasonable time such explanations as he may desire to offer.
- (2) If a member of the Court or the Executive Council when called upon by the Chancellor to offer explanation fails to offer any explanation or gives an explanation which, in the opinion of the Chancellor, is unsatisfactory, the Chancellor may remove such member from office.

DISPUTE ON MATTERS OF ELECTION OR APPOINTMENT TO AUTHORITIES ETC. 33

If any question arises whether any person has been duly elected or appointed as, or is entitled to be, a member of any authority or other body of the University, the matter shall be referred to the Chancellor whose decision thereon shall be final.

PROCEEDINGS : 34

No act of proceeding of any authority or other body of the University shall be invalidated merely by reason of the existence of a vacancy or vacancies among its members.

APPEAL : 35

An appeal in respect of a dispute arising out of a contract between the University and any Officer or Teacher of the University shall be preferred in the case of a dispute between an Officer or Teacher and an authority of the University other than the Executive Council, to the Executive Council and in respect of a dispute between an Officer or Teacher and the Executive Council, to the Chancellor. as the case may be, may either dispose of the appeal or may refer it to a Board of Arbitration. The constitution of any terms of reference to the Board of Arbitration shall be such as may be prescribed by the Statute. The decision of the Board of Arbitration shall be final and no suit shall lie in any Civil Court in respect of the matters decided by the Board.

PENSIONS, INSURANCE AND PROVIDENT FUNDS : 36

The University shall constitute, for the benefit of its all employees, in such manner and subject to such conditions as may be prescribed by the Statutes, such Pensions, Insurance and Provident Funds as it may deem fit.

- (2) Where such a Provident Fund has been so constituted, the Government may, notwithstanding anything contained in the Provident Fund Act, 1925, by notification in the Official Gazette, declare that the provisions of the Contributory Provident Fund Rules (Assam) 1936, shall apply to such Provident Fund of the University as if it were a Government Provident Fund.

RECURRING GRANTS : 37

The Government shall, for the purpose of this Act, contribute annually to the University a sum of not less than forty lakhs of rupees to meet the recurring charges of the University. All contribution, made under this section shall be charged to the revenues of the State.

SPECIAL PROVISION : 38

If any difficulty arises with respect to the establishment of the University or in connection with the first meeting of any authority of the University or in connection with the holding of the first examinations of the University and publishing results thereof or otherwise in first giving effect to the provisions of this Act, the State Government may, at any time before all the authorities of the University have been constituted by order make any appointment or do anything, consistent so far as may be with the provisions of this Act and the Statutes, which appears to it necessary or expedient for the purpose of removing the difficulty and every such order shall have effect as if such appointment or action had been made or taken in the manner provided in this Act.

Deleted 39, 40 & 41 (deleted by the Amendment Act of 1960)

INSPECTION BY STATE GOVT. : 42

- (1) (a) The State Government shall have for reasons to be recorded in writing the right to cause an inspection to be made, by such person or persons as it may direct, of the University, its buildings, laboratories, libraries, museums, press establishment, workshop and equipment and of any institution maintained by the University and of all activities than purely academic activities of the University and to cause an enquiry to be made into the income, expenditure, assets and liabilities of the University.
- (b) The State Government shall in every case give notice to the University of its intention to cause inspection or enquiry to be made.
- (2) The State Government shall communicate to the Executive Council its views with reference to the results of such inspection or enquiry and may, after ascertaining the opinion of the Court and the Executive Council thereon, advise the University upon the action to be taken.
- (3) The Executive Council shall report to the State Government the action, if any, which is proposed to be taken or has been taken to give effect to the advice of the State Government. Such report shall be submitted with the opinion of the Court thereon within such time as the State Government may direct.

- (4) The State Government may, after considering the report referred to in sub-section (3) advise the University to take such further action, if any, as in the opinion of the State Government is necessary, and the Executive Council and the Court shall take or cause such action to be taken within the time specified in such advice in that behalf.

SUSPENSION OF POWERS : 42

42. A (1) If at any time it appears to be necessary and expedient in the opinion of the State Government, the State Government may with the prior consultation with the Chancellor by a notification published in the Official Gazette, suspend all or any of the powers of the University as prescribed in section 5 of the Gauhati University Act and other powers as may be ancillary to such powers of management, functions of such authorities or offices including holding conduct and superintendence of and arrangement and appointment of any person or authority in connection with any or more examinations or publication of the result of any such examination or examinations or to any matter incidental thereto for such period as may be specified in the notification and may be exercised by the State Government if and when necessary during such period, in such manner and through such officers or authority as may be considered fit by the State Government.
- (2) The provisions of the Statutes, Ordinance and Regulations framed under this Act relating to any one or more preceding sub-section may be amended for any of the purpose mentioned therein in such manner as may be decided by the State Government with the prior consultation with the Chancellor and shall take effect accordingly for the purposes of exercising the powers under the preceding sub-section.
- (3) The State Government may constitute an Advisory Committee consisting of at least 3 persons who, in the opinion of the State Government are eminent educations for advising the State Government in the matter of discharging the powers, duties, functions and responsibilities in respect of which such powers are taken over by the State Government under sub-section (1) of this Section.

- (4) All actions taken under the preceding sub-sections and all examinations held and all results of any such examinations published and all other actions taken under this Section shall be deemed to have been taken, held or published in accordance with the provisions of this Act and shall take effect accordingly.
- (5) If for exercising the powers under the preceding sub-section any difficulty arises in giving effect to any one or more of the Statutes, Ordinances and Regulations framed there under the State Government may in consultation with the Chancellor by order remove such difficulty as may appear to be necessary for the purpose of exercising those powers.

SAVING G.U. (AMENDMENT) ACT, 1975) : 42

42, B. Notwithstanding anything contained in this Act any decision given, order made, anything done any action taken or any proceedings commenced under any of the provisions of the Act or Rules, Statutes, Regulations in force immediately before the commencement of this shall, in so far as they are not inconsistent with the provision of this Act, continue in force and shall be deemed to have been given, made, done or taken, commenced under the provision of this Act.

INTERPRETATION, [G.U. (Amendment) ACT, 1975]

42, C. If any dispute arises as to the interpretation of any of the provisions of this Act, the interpretation given by the State Government shall be final and binding to all concerned.

TRANSITORY PROVISIONS : 43

43, Notwithstanding anything contained in this Act.

- (1) The Vice-Chancellor appointed under the provisions of the Principal Act and exercising any powers and functions immediately before the commencement of this Act shall continue to held office as such and exercise such powers and functions, not inconsistent with the provisions of this Act, till the expiration of his term of Vice-Chancellor under the provisions of the Principal Act.
- (2) All Committees except the Development Committee, Boards and other Bodies constituted and all acts done or purported to have been done in exercise of the powers given by and under the

provisions of the Statutes set out in the Schedule with all modifications thereof to the Principal Act shall be deemed to have been constituted or done, as the case may be, under Statutes made by the appropriate authority of the University.

- (3) The Court, the Executive Council and the Academic Council constituted under the provisions of the Principal Act, and exercising any functions immediately before the commencement of this Act shall continue to exercise such functions until the corresponding Court are constituted in accordance with the provisions of the Principal Act, [as amended by this Act, (1960)].

Provided that for the purpose of such constitution of the Court, the Executive Council and the Academic Council the State Government may appoint for such constitution a date in consultation with the Chancellor and the Vice-Chancellor not later than this Act (1960).

- (4) The *Development Committee* Constituted and exercising any functions under the provisions of the Principal Act immediately before the commencement of this Act 1960 shall continue to exercise such function until the Committee is constituted under the provisions of the Principal act as amended by this Act (1960) and until it makes over charge to the Executive Council for the time being functioning under the provisions of the Principal Act as amended by this Act (1960).
- (5) All debts and obligations incurred, all contracts entered into, all matters and things engaged to be done by with or for the Development Committee in exercise of its duties and powers before the commencement of Gauhati University amendment Act, 1960 shall upon such commencement be deemed to have been incurred, entered into, or engaged to be done by, with or for the University; and all suits and other legal proceeding instituted or which might but for the dissolution of the Development Committee may be continued or instituted by or against the University.

Note : The section 43 was added by the Gauhati University (Amendment) Act of 1960, but is of transitory nature. The following transitory sections of the Gauhati University (Amendment) Act, 1955 may also be noted :

TRANSITORY PROVISION :

“16, Notwithstanding anything contained in this Act. -

- (1) The arrangements made by the Chancellor for carrying on the duties of the Vice-Chancellor under the provisions of the Principal Act shall continue till a Vice-Chancellor is appointed under the provisions of the Principal Act as amended by this Act.
- (2) Untill the constitution of the Court and the Executive Council respectively Under sections 9 and 12 of the Principal Act as amended by this Act, the Court and the Executive Council constituted under the provisions of the Principal Act and functioning immediately before the commencement of this Act shall be deemed to be the Court and the Executive Council constituted under the provisions of the Principal Act and functioning immediately before the commencement of this Act shall be deemed to be the Court and the Executive Council under these sections and shall continue to function as such :

Provided that the Government shall appoint a date not later than six months from the date of commencement of this Act of this constitution of the Court and the Executive Council under the provisions of the Principal Act as amended by this Act.

17. (1) The Gauhati University (Second Amendment) Ordinance; 1965 repealing the Gauhati University (Amendment) Ordinance of 1965 is hereby repealed.
- (2) Notwithstanding such repeal anything done or any action taken under the Ordinances as repealed shall be deemed to have been done or taken under this Act as if this Act had commenced in Nineteenth day of July, 1965 (the date of coming into force of the Gauhati University (Amendment) Ordinance, 1965).

GOVERNMENT OF ASSAM

ORDERS BY THE GOVERNOR
LEGISLATIVE DEPARTMENT

NOTIFICATION

The 26th September 1978

No. LGL. 219/78/23 The following Ordinance made and promulgated by the Governor of Assam is published for general information.

ASSAM ORDINANCE NO. II OF 1978 THE GAUHATI UNIVERSITY (AMENDMENT) ORDINANCE, 1978.

AN ORDINANCE FURTHER TO AMEND THE GAUHATI UNIVERSITY ACT, 1947

PREAMBLE, Whereas it is expedient further to amend the Gauhati University Act, 1947, hereinafter called the Principal Act, in the manner here appearing;

(Assam Act XVI of 1947)

And whereas the Legislature of the state of Assam is not in session;

And whereas the Governor of Assam is satisfied that circumstances exist render it necessary for him to take imediate action;

Now, therefore, in exercise of the powers conferred by Clause (1) of Article 213 of the Constitution of India, the Governor of Assam is pleased to promulgate in the Twenty-ninth year of the Republic of India the following Ordinance, namely :

SHORT TITLE AND COMMENCEMENT :

- (1) This Ordinance may be called the Gauhati University (Amendment) Ordinance, 1978.
- (2) It shall come into force with immediate effect.

**AMENDMENT OF SECTION 21 OF ASSAM
ACT XVI OF 1947.**

- (1) In the first proviso, towards the end, the portion beginning with the words “No new Degree Colleges” and ending with the words “within the State of Assam” shall be substituted by the words. No new Pre University or Degree shall be given permission or affiliation or no such college shall be given permission or affiliation by the University to introduce new subject or faculty without prior concurrence of the respective Government of Assam, Manipur or Arunachal Pradesh”;
- (ii) The second proviso shall be substituted by the following; namely – “Provision further that the respective State Government of Assam, Manipur or Arunachal Pradesh may as any time vest the existing powers of the Executive Council of the University of conducting Pre-University Examination in the Board of Secondary Education, if any of the State with effect from such date as may be notified by the State Government concerned”.

L. P. Singh

Dated the 25th September, 1978

Governor of Assam

পঞ্জীভুক্ত নম্বৰ ৭৬৮/৯৭

Registered No. 768/97

অসম  ৰাজপত্ৰ

THE ASSAM GAZETTE

অসাধাৰণ

EXTRAORDINARY

প্ৰাপ্ত কৰ্তৃত্বৰ দ্বাৰা প্ৰকাশিত

PUBLISHED BY THE AUTHORITY

নং 215 দিশপুৰ, বৃহস্পতিবাৰ, 30 মে, 2013 9 জেঠ, 1935 (শক)

No. 215 Dispur, Thursday, 30th May, 2013, 9th Jaistha, 1935 (S.E.)

GOVERNMENT OF ASSAM

ORDERS BY THE GOVERNOR

LEGISLATIVE DEPARTMENT :: LEGISLATIVE BRANCH

NOTIFICATION

The 30th May, 2013

No. LGL.133/2012/5- The following Act of Assam Legislative Assembly which received the assent of the Governor is hereby published for general information

Assam Act No. XIII of 2013

(Received the assent of the Governor on 20th May, 2013)

THE GAUHATI UNIVERSITY (AMENDMENT) ACT, 2013

AN ACT

Preamble	further to amend the Gauhati University Act, 1947 Whereas is expedient further to amend the Gauhati University Act, 1947, herein after referred to as the principal Act, in the manner herein after appearing	Assam Act No. XVI of 1947
	It is hereby enacted in the Sixty-fourth year of the Republic of India, as follows :	
Amendment of Section 36 Insertion of Section 36A	1. (1) This Act may be called the Gauhati University (Amendment) Act, 2013. (2) It shall have the like extent as the Principal Act. (3) It shall come into force at once. 2. In the Principal Act, in section 36, in the marginal note and in sub-section (1) the word and punctuation mark 'pension', shall be deleted. 3. In the principal Act, after section 36, the following new section 36A shall be inserted, namely :	
Pension and Family Pension	36A (1) The existing permanent employees of the University, both teaching and non- teaching who have entered service before 1-2-2005, shall be eligible for pension on their retirement from the service of the University with effect from the 1st day of April, 2013.	

Provided that these employees of the University who entered service before 1-2-2005 and who have expired before coming into force of this Act shall be entitled to receive family pension under the provision of this Act.

Provided further that those employees of the University who have entered service on or after 1-2-2005 shall be covered under the new Pension Scheme introduced by the State Government.

(2) The University shall regulate the matter regarding implementation and payment of pension and family pension to their employees by such Authority as may determined by the University.

Provided that granting and eligibility of pension shall be guided by the Assam Service (Pension) Rules, 1969.

(3) Pension under this section shall include Superannuation pension and Family pension only and does not include Gratuity

Insertion of new section 44
4. In the Principal Act, after section 43, the following new section 44 shall be inserted, namely.

'University to maintain teaching and non-teaching staff ratio

44. (1) The University shall establish and maintain the teaching and non - teaching staff ratio at 1 : 1.5 progressively. In order to establish this teaching and non-teaching staff ratio the University shall not appoint any non-teaching employee afresh against sanctioned vacant post and also shall not initiate for re-employment of any retired persons upon their retirement without taking prior approval of the State Government.

(2) The University shall not take any decision or adopt any new rule or scheme which may involve further outflow of fund from the State Exchequer.'

MOHD. ABDUL HAQUE
Commissioner and Secretary to the Government of Assam,
Legislative Department.

THE GAUHATI UNIVERSITY ACT, 1947*

(Assam Act XVI of 1947)

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পঞ্জীয়ক
অসম বিশ্ববিদ্যালয়, গুৱাহাটী-১৬
Registrar
Gauhati University, Guwahati-14

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* Published in the "Assam Gazette" of the 22nd October, 1947.

PSC
7/4/98

GAUHATI UNIVERSITY
GUWAHATI-14.

M. C. Sarma

NOTIFICATION

No. M/98/16 Date: 3.4.98

It is notified for information of all concerned that the Vice-Chancellor is pleased to constitute the Post-Graduate Correspondence School Board of the University with the following members for a period of 3(three) years with effect from the date of Notification or till the remain in University Service whichever is earlier.

(PGCSB)

- | | | |
|-----|---|-------------------------|
| 1. | Prof. B.P. Chetiya | Hony. Director |
| 2. | Prof. Srinath Baruah (Economics) | Principal Co-Ordinator |
| 3. | Dr. K. Das (Russian Language) | Asstt. Co-Ordinator |
| 4. | Joint Controller of Examinations | Examinations Supervisor |
| 5. | Dr. (Mrs) Sakiya Khan (Economics) | Member |
| 6. | Sri Dipankar Benerjee (History) | " |
| 7. | Mrs. Aparna Bhattacharyya (English) | " |
| 8. | Dr. (Mrs) Alaka Sarma (Political Science) | " |
| 9. | Dr. (Mrs) Dipti Chukon (Assamese) | " |
| 10. | Dr. I. K. Choudhury (Bengali) | " |
| 11. | Sri Pradip K. Jain (MBA) | " |
| 12. | Sri Padma Lochan Hazarika (Commerce) | " |
| 13. | Dr. Girish Sarma (Philosophy) | " |
| 14. | Dr. (Ms.) Kuntala Patra (Mathematics) | " |
| 15. | Dr. Thanoswar Sarma (Sanskrit) | " |
| 16. | Sri Dilip Kumar Medhi (Hindi) | " |
| 17. | Sri Jagat Swargiary (Education) | " |
| 18. | Academic Registrar, G.U. | " |
| 19. | Dy. Treasurer, G.U. | " |

- | | | |
|-----|------------------------------------|---------------|
| 20. | Dr. Ranjib Dev Gorman | English |
| 21. | Prof. Anuradha Dutta | Political Sci |
| 22. | Dr. M. P. Bezbaruah | Economics |
| 23. | Prof. Saiten Bhattacharyya | Assamese |
| 24. | Prof. Nandoram Das | Mathematics |
| 25. | Dr. Priyam Goswami | History |
| 26. | Prof. Subrat Sarma | Philosophy |
| 27. | Prof. S. Sekhar | Commerce |
| 28. | Registrar Registrar III | |

M. C. Sarma
Registrar,
Gauhati University, Guwahati-14

M. C. SARMA,
Registrar,
Gauhati University.



POST GRADUATE CORRESPONDENCE SCHOOL GAUHATI UNIVERSITY

Gopinath Bordoloi Nagar, Guwahati - 781014, Assam

Website : www.pgcsгу.org

Tel: (0361)2673728, 2676791, 2676804

Fax : (0361) 257388

Dr. Kandarpa Das

E-Mail : kandarpa4@rediffmail.com; director@pgcsгу.org

Director

Memo No. PGCS/Dir/2008/8/9529-81

Date: 29/3/08

The Academic Registrar
Gauhati University

Sub: Recommendation of the Board of Management, PGCS, GU

Sir,

This is to inform you that a meeting of the Board of Management of the Post Graduate Correspondence School, Gauhati University was held on March 25, 2008 to make recommendation to the Academic Council regarding change of PGCS nomenclature. I am forwarding herewith the minutes and recommendations of the meeting. Kindly place the matter before the next meeting of the Academic Council for its kind approval.

With regards

Yours faithfully

(Kandarpa Das)

Registrar
Gauhati University, Guwahati-78

- | | |
|--|----------------------------|
| 1. Director | - Chairman |
| 2. Head of concerned academic department | - Member |
| 3. Coordinator of concerned programme | - Member |
| 4. One Professor of the concerned department | - to be co-opted as member |
| 5. PGCS faculty members of the concerned programme | - Member |

POST GRADUATE CORRESPONDENCE SCHOOL, GAUHATI UNIVERSITY
Minutes of the Board of Management meeting held on 25-03-2008

Members Present:

1. Prof. Hemanta Kumar Baruah, Dean, Faculty of Science
2. Prof. Umesh Deka, Dean, Faculty of Arts
3. Prof. A. K. Bhagabati, Registrar, GU
4. Dr. J. Dutta, Academic Registrar
5. Sri B. Chakraborty, Treasurer, GU
6. Prof. Priyam Goswami
7. Prof. Kuntala Patra
8. Prof. Manisha Baruah
9. Sri Abhijit Bora
10. Dr. Bilkis Bano
11. Dr. Uttara Debi
12. Dr. Manoj Kumar Choudhury
13. Dr. Achyut Sarma
14. Dr. A. R. Dutta
15. Dr. Sikhari Sarma
16. Sri Ridip Dev Choudhury
17. Sri K. Alom Borbora
18. Sri Apurba Kumar Deka
19. Sri Prasenjit Das
20. Dr. Kandarpa Das, Director, PGCS

Resolution No. 1

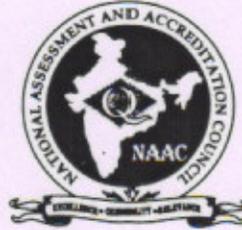
The Director, PGCS placed before the members a proposal to change the present nomenclature of the Post Graduate Correspondence School, Gauhati University into a more up to date one. The correspondence education which began its mission in India in the sixties has transformed itself into distance & open learning along with the rest of the world. Over the last ten years the PGCS also has been practicing not correspondence education but distance and open education in reality. Therefore, the name of the Institution should reflect its real activities. Moreover, the Distance Education Council, New Delhi has been advising PGCS to change its present nomenclature with a more modern name. In view of the above, the Board after threadbare discussion resolved to recommend to the Academic Council to change the nomenclature of the Post Graduate Correspondence School, Gauhati University as **"INSTITUTE OF DISTANCE AND OPEN LEARNING, GAUHATI UNIVERSITY" (IDOL, GU)** with immediate effect.

Resolution No. 2

The Board of Management, PGCS also resolved to recommend to the Academic Council for constitution of a separate Board of Studies to make recommendation to the Academic Council regarding curriculum, evaluation and other academic matters of the Post Graduate Correspondence School with the following members:

- | | |
|--|----------------------------|
| 1. Director, PGCS, GU | - Chairman |
| 2. Head of the concerned academic department | - Member |
| 3. Coordinator of the concerned programme | - Member |
| 4. One Professor of the concerned department | - to be co-opted as member |
| 5. PGCS faculty members of the concerned programme | - Member |


(Kandarpa Das)
Director, PGCS



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission
Ministry of Human Resource Development, Government of India
P. O. Box 1075, Nagarbhavi, Bangalore-560 072, India.
Phone: +91-80-23005100, 23210261 - 65, Fax: +91-80-23210268/23210270

Provisional Certificate of Accreditation

*The Executive Committee of the
National Assessment and Accreditation Council*

on the recommendation of the duly appointed

Peer Team is pleased to declare the

Gauhati University

Gopinath Bardoloi Nagar, Guwahati, Assam as

Accredited

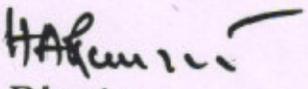
with CGPA of 2.91 on four point scale

at B grade

valid up to March 27, 2015


পঞ্জীয়ক
গোহাটী বিশ্ববিদ্যালয়, গোহাটী-১৪
Registrar
Gauhati University, Guwahati-14

EC Date : March 28, 2010


Director

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September) Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PRAGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam		



**GAUHATI UNIVERSITY
MEETING OF THE EXECUTIVE COUNCIL**

**Proceedings of the 7th Meeting (Emergent) of the Executive Council of Gauhati
University of the Year 2017 on 15.09.2017 at G.U. Guest House Conference
Room**

Any Other Business:

- vi. **Matter regarding the approval of the list of PPR (Programme Project Report) of 29 programmes and list of SLM (Self Learning Materials) to be offered in 'Distance Mode' :**

The Council discussed the matter regarding the approval of the list of PPR (Programme Project Report) of 29 programmes to be offered in 'Distance Mode' and list of SLM (Self Learning Materials) in light of the Minutes of the Advisory Board Meeting of Gauhati University Institute of Distance and Open Learning held on 14.09.2017 and resolved the following:

Resolution No. R/EC-07/2017/62(vi)

Resolved that the list of PPR (Programme Project Report) of 29 programmes (List -I) to be offered in 'Distance Mode' and list of SLM (Self Learning Materials) prepared for each programme (List-II) by the Gauhati University Institute of distance and Open Learning (GUIDOL) be approved.

**(S.K. Nath)
Registrar & Ex-officio Secretary
Executive Council**

**(Mridul Hazarika)
Vice-Chancellor & Chairman
Executive Council**

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

Minutes of the Advisory Board Meeting held on 14.09.2017

Venue: VC's Conference Room, Gauhati University

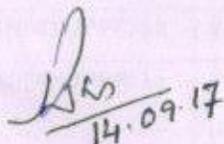
Members present:

1. Dr. Mridul Hazarika, Vice Chancellor, GU, Chairperson
2. Prof. Hari Prasad Sarma, Rector, Gauhati University
3. Prof. P.J. Das, Director, GUIDOL
4. Prof. Bhaskarijyoti Bora, Dean, Faculty of Commerce, G. U.
5. Dr. Suresh Kumar Nath, Registrar, GU
6. Mr. Dwijendra Nath Sarma, Finance Officer, GU
7. Dr. Ridip Dev Choudhury, Assistant Professor, GUIDOL
8. Mr. Goutam Sarma, Assistant Director (Evaluation)
9. Sri Gitartha Goswami, Assistant Director (Admin), GUIDOL.

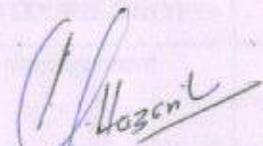
The following decisions / resolutions were adopted at the meeting

The list of PPR (Programme Project Report) of 29 programmes (List-I) to be offered in 'Distance Mode' and list of SLM's (Self Learning Materials) prepared for each programme (List-II) by Gauhati University was placed in the meeting.

The Advisory Board of Gauhati University IDOL approved the PPR's and SLM's and resolved to forward the detailed PPR's and SLM's to the Gauhati University Executive Council for its approval.


14.09.17

(Prof. Pranab Jyoti Das)
Director, GUIDOL



(Dr. Mridul Hazarika)
Vice Chancellor, GU

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

(LIST-I)

STATEMENT OF PPR (PROGRAMME PROJECT REPORT)

Sl No	PPR ID	Programme	No of Pages
1.	GU/GUIDOL/PPR/01	M.A. in ASSAMESE	26
2.	GU/GUIDOL/PPR/02	M.A. in ENGLISH	21
3.	GU/GUIDOL/PPR/03	M.A./M.Sc in ECONOMICS	29
4.	GU/GUIDOL/PPR/04	M.A. in HISTORY	37
5.	GU/GUIDOL/PPR/05	M.A. in POLITICAL SCIENCE	19
6.	GU/GUIDOL/PPR/06	M.A./M.Sc in MATHEMATICS	38
7.	GU/GUIDOL/PPR/07	M.Com (COMMERCE)	40
8.	GU/GUIDOL/PPR/08	M.A. in PHILOSOPHY	26
9.	GU/GUIDOL/PPR/09	M.A. in BENGALI	14
10.	GU/GUIDOL/PPR/10	M.A. in BODO	15
11.	GU/GUIDOL/PPR/15	M.A. in MASS COMMUNICATION	17
12.	GU/GUIDOL/PPR/19	M.Sc in IT	25
13.	GU/GUIDOL/PPR/21	MASTER IN COMPUTER APPLICATION (MCA)	30
14.	GU/GUIDOL/PPR/22	M.A. in NEPALI	40
15.	GU/GUIDOL/PPR/38	M.A. in EDUCATION	22
16.	GU/GUIDOL/PPR/39	M.A. in SANSKRIT	34
17.	GU/GUIDOL/PPR/23	BACHELOR IN COMPUTER APPLICATION (BCA)	28
18.	GU/GUIDOL/PPR/24	B.Sc in INFORMATION TECHNOLOGY (B.Sc-IT)	28
19.	GU/GUIDOL/PPR/50	BACHELOR OF ARTS (GENERAL OR PASS COURSE ONLY)	5
20.	GU/GUIDOL/PPR/51	BACHELOR OF COMMERCE (GENERAL OR PASS COURSE ONLY)	5
21.	GU/GUIDOL/PPR/11	Post Graduate Diploma in Sales and Marketing Management (PGDSMM)	14
22.	GU/GUIDOL/PPR/12	Post Graduate Diploma in Human Resource Management (PGDHRM)	13
23.	GU/GUIDOL/PPR/13	Post Graduate Diploma in Business Management (PGDBM)	13

GAUHATI UNIVERSITY

24.	GU/GUIDOL/PPR/14	Post Graduate Diploma in Computer Application (PGDCA)	19
25.	GU/GUIDOL/PPR/16	Post Graduate Diploma in Finance Management (PGDFM)	13
26.	GU/GUIDOL/PPR/17	Post Graduate Diploma in Insurance Management (PGDIM)	13
27.	GU/GUIDOL/PPR/18	Post Graduate Diploma in Banking and Finance Services (PGDBFS)	12

Approved in the GUIDOL Advisory Board meeting


14.09.17

DIRECTOR
IDOL, GAUHATI UNIVERSITY


14.09.17
পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14



**GAUHATI UNIVERSITY
MEETING OF THE EXECUTIVE COUNCIL**

**Proceedings of the 7th Meeting (Emergent) of the Executive Council of Gauhati
University of the Year 2017 on 15.09.2017 at G.U. Guest House Conference
Room**

Any Other Business:

- vi. **Matter regarding the approval of the list of PPR (Programme Project Report) of 29 programmes and list of SLM (Self Learning Materials) to be offered in 'Distance Mode' :**

The Council discussed the matter regarding the approval of the list of PPR (Programme Project Report) of 29 programmes to be offered in 'Distance Mode' and list of SLM (Self Learning Materials) in light of the Minutes of the Advisory Board Meeting of Gauhati University Institute of Distance and Open Learning held on 14.09.2017 and resolved the following:

Resolution No. R/EC-07/2017/62(vi)

Resolved that the list of PPR (Programme Project Report) of 29 programmes (List -I) to be offered in 'Distance Mode' and list of SLM (Self Learning Materials) prepared for each programme (List-II) by the Gauhati University Institute of distance and Open Learning (GUIDOL) be approved.

**(S.K. Nath)
Registrar & Ex-officio Secretary
Executive Council**

**(Mridul Hazarika)
Vice-Chancellor & Chairman
Executive Council**

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

Minutes of the Advisory Board Meeting held on 14.09.2017

Venue: VC's Conference Room, Gauhati University

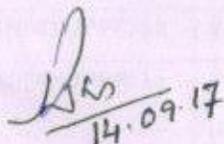
Members present:

1. Dr. Mridul Hazarika, Vice Chancellor, GU, Chairperson
2. Prof. Hari Prasad Sarma, Rector, Gauhati University
3. Prof. P.J. Das, Director, GUIDOL
4. Prof. Bhaskarijyoti Bora, Dean, Faculty of Commerce, G. U.
5. Dr. Suresh Kumar Nath, Registrar, GU
6. Mr. Dwijendra Nath Sarma, Finance Officer, GU
7. Dr. Ridip Dev Choudhury, Assistant Professor, GUIDOL
8. Mr. Goutam Sarma, Assistant Director (Evaluation)
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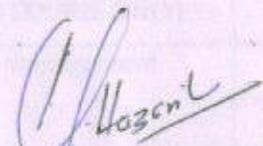
The following decisions / resolutions were adopted at the meeting

The list of PPR (Programme Project Report) of 29 programmes (List-I) to be offered in 'Distance Mode' and list of SLM's (Self Learning Materials) prepared for each programme (List-II) by Gauhati University was placed in the meeting.

The Advisory Board of Gauhati University IDOL approved the PPR's and SLM's and resolved to forward the detailed PPR's and SLM's to the Gauhati University Executive Council for its approval.


14.09.17

(Prof. Pranab Jyoti Das)
Director, GUIDOL



(Dr. Mridul Hazarika)
Vice Chancellor, GU

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

(LIST-II)
STATEMENT OF SLM (Self Learning Materials)

Sl No	SLM ID	Programme	No of SLM
1.	GU/GUIDOL/SLM/01	M.A. in ASSAMESE	26
2.	GU/GUIDOL/SLM/02	M.A. in ENGLISH	20
3.	GU/GUIDOL/SLM/03	M.A./M.Sc in ECONOMICS	18
4.	GU/GUIDOL/SLM/04	M.A. in HISTORY	20
5.	GU/GUIDOL/SLM/05	M.A. in POLITICAL SCIENCE	16
6.	GU/GUIDOL/SLM/06	M.A./M.Sc in MATHEMATICS	24
7.	GU/GUIDOL/SLM/07	M.Com (COMMERCE)	25
8.	GU/GUIDOL/SLM/08	M.A. in PHILOSOPHY	16
9.	GU/GUIDOL/SLM/09	M.A. in BENGALI	16
10.	GU/GUIDOL/SLM/10	M.A. in BODO	16
11.	GU/GUIDOL/SLM/15	M.A. in MASS COMMUNICATION	10
12.	GU/GUIDOL/SLM/19	M.Sc in IT	18
13.	GU/GUIDOL/SLM/21	MASTER IN COMPUTER APPLICATION (MCA)	23
14.	GU/GUIDOL/SLM/22	M.A. in NEPALI	16
15.	GU/GUIDOL/SLM/38	M.A. in EDUCATION	22
16.	GU/GUIDOL/SLM/39	M.A. in SANSKRIT	32
17.	GU/GUIDOL/SLM/23	BACHELOR IN COMPUTER APPLICATION (BCA)	22
18.	GU/GUIDOL/SLM/24	B.Sc in INFORMATION TECHNOLOGY (B.Sc-IT)	22
19.	GU/GUIDOL/SLM/50	BACHELOR OF ARTS (GENERAL OR PASS COURSE ONLY)	22
20.	GU/GUIDOL/SLM/51	BACHELOR OF COMMERCE (GENERAL OR PASS COURSE ONLY)	22
21.	GU/GUIDOL/SLM/11	Post Graduate Diploma in Sales and Marketing Management (PGDSMM)	6
22.	GU/GUIDOL/SLM/12	Post Graduate Diploma in Human Resource Management (PGDHRM)	6
23.	GU/GUIDOL/SLM/13	Post Graduate Diploma in Business Management (PGDBM)	6

GAUHATI UNIVERSITY

24.	GU/GUIDOL/SLM/14	Post Graduate Diploma in Computer Application (PGDCA)	6
25.	GU/GUIDOL/SLM/16	Post Graduate Diploma in Finance Management (PGDFM)	6
26.	GU/GUIDOL/SLM/17	Post Graduate Diploma in Insurance Management (PGDIM)	6
27.	GU/GUIDOL/SLM/18	Post Graduate Diploma in Banking and Finance Services (PGDBFS)	6

Approved in the GUIDOL Advisory Board meeting

[Signature]
14-09-17

[Signature]
14.09.17

DIRECTOR
GUIDOL, GAUHATI UNIVERSITY

পঞ্জীয়ক
গোহাটী বিশ্ববিদ্যালয়, গোহাটী-১৪
Registrar
Gauhati University, Guwahati-14

No.	Sl. No.	Course Name	Duration
1	1	B.A. POLITICAL SCIENCE	3
2	2	B.A. HISTORY	3
3	3	B.A. ENGLISH	3
4	4	B.A. ECONOMICS	3
5	5	B.A. MASS COMMUNICATION	3
6	6	B.A. JOURNALISM	3
7	7	B.A. IN COMPUTER APPLICATION (BCA)	3
8	8	B.A. IN GENERAL	3
9	9	B.A. IN INFORMATION TECHNOLOGY (B.D.IT)	3
10	10	BACHELOR OF ARTS (GENERAL OR PASS COURSE ONLY)	3
11	11	BACHELOR OF COMMERCE (GENERAL OR PASS COURSE ONLY)	3
12	12	Post Graduate Diploma in Sales and Marketing Management (PGSDM)	6
13	13	Post Graduate Diploma in Human Resource Management (PGDHM)	6
14	14	Post Graduate Diploma in Business Management (PGDBM)	6

Format for Faculty Details

Academic Staff

Sr. No	Name of the Faculty permanently dedicated for ODL	ODL programme	Qualification	Designation	Experience (in years)	Works at (Headquarter/ Regional Centre/ Study Centre)
1	DR. APURBA KUMAR DEKA	MA in ASSAMESE, BA(General)	M.A., Ph.D.	ASSISTANT PROFESSOR	9	HEADQAURTER
2	DR. RIDIP DEV CHOUDHURY	M.Sc-IT, MCA, BCA, B.Sc-IT, PGDCA	M.Sc(Computer Science), Ph.D.	ASSISTANT PROFESSOR	9	HEADQAURTER
3	DR. KHURSHID ALAM BORBORA	M.Sc-IT, MCA, BCA, B.Sc-IT, PGDCA	M.Sc(Computer Science), Ph.D.	ASSISTANT PROFESSOR	9	HEADQAURTER
4	MR. SWAPNANIL GOGDI	M.Sc-IT, MCA, BCA, B.Sc-IT, PGDCA	M.Sc(Computer Science), Ph.D.	ASSISTANT PROFESSOR	8	HEADQAURTER
5	MS. RITA CHAKRABARTY	M.Sc-IT, MCA, BCA, B.Sc-IT, PGDCA	M.Sc-IT	ASSISTANT PROFESSOR	2	HEADQAURTER
6	MR. HEMANTA KALITA	M.Sc-IT, MCA, BCA, B.Sc-IT, PGDCA	M.Tech (IT) M.Sc-IT	ASSISTANT PROFESSOR	2	HEADQAURTER
7	MS. PALLAVI SAIKIA	M.Sc-IT, MCA, BCA, B.Sc-IT, PGDCA	M.Sc(Computer Science)	ASSISTANT PROFESSOR	2	HEADQAURTER
8	DR. BARNALEE CHOUDHURY	MA in POLITICAL SCIENCE, BA (General)	M.A., Ph.D.	ASSISTANT PROFESSOR	9	HEADQAURTER
9	DR. CHAYANIKA SARMA	MA in POLITICAL SCIENCE, BA (General)	M.A., Ph.D.	ASSISTANT PROFESSOR	2	HEADQAURTER
10	MS. JONAKI DUTTA	MA in POLITICAL SCIENCE, BA (General)	M.A., LLB	ASSISTANT PROFESSOR	2	HEADQAURTER
11	MR. DALIM CH. DAS	MA in ENGLISH, BA (General)	M.A., M.Phil	ASSISTANT PROFESSOR	3	HEADQAURTER
12	DR. MANOJA KUMAR NAYAK	MA in EDUCATION, BA (General)	MA, B.ED, PH.D	ASSISTANT PROFESSOR	2	HEADQAURTER
13	MR. RAJEN CHETRY	M.Com, B.Com (General), PGDBM, PGDHRM, PGDBFS, PGDFM, PGDSMM, PGDIM	M.COM, PGDBM, PGDCA	ASSISTANT PROFESSOR	2	HEADQAURTER
14	MR. ALAKESH DAS	MA in Mass Communication, Master of Communication & Journalism	M.A.	ASSISTANT PROFESSOR	2	HEADQAURTER


 Registrar
 Guwahati University, Guwahati-14

Administrative Staff

Sr. No	Name of the Administrative Staff	Qualification	Designation	Experience (in years)	Appointment order	Works at (Headquarter/ Regional Centre/ Study Centre)
1	MR. GITARTHA GOSWAMI	M.Sc(Computer Science)	ASSISTANT DIRECTOR	7	GU/Estt/OCR/IDOL/10/67-67, dtd: 21/06/2010	HEADQUARTER
2	MR. GOUTAM SARMA	M.B.A.	ASSISTANT DIRECTOR (EVALUATION)	4	GU/Estt/OCR/IDOL/Asstt.Direc./2013/1591, dtd:14/05/2013	HEADQUARTER
3	MR. DIPANKAR SAIKIA	M.A., PGDCA	EDITOR, SLM	4	GU/Estt/OCR/IDOL/Asstt.Direc./2013/598, dtd:14/05/2013	HEADQUARTER
4	DR. RABINDHA SARMA	M.A., Ph.D.	PA TO THE DIRECTOR	3	IDOL/12(A)/2015/7054-5R, dtd: 04/03/2015	HEADQUARTER
5	MR. CHANDAN SAIKIA	M.C.A	SYSTEM ANALYST	0.2	GU/Estt/OCR/IDOL/10/2017/1898, dtd: 03/07/2017	HEADQUARTER
6	MR. MANAB KASHYAP	B.COM	O/S, ACCOUNTS	18	IDOL/Gen.Estt./13/2009/4735-44, dtd: 03/04/2009	HEADQUARTER
7	MR. RATUL BORA	B.A., PGDCA	O/S, GENERAL SERVICES	17	IDOL/Gen.Estt./13/2009/4735-44, dtd: 03/04/2009	HEADQUARTER
8	MR. TARUN BAISHYA	M.A.	O/S, STUDY MATERIALS	17	IDOL/Gen.Estt./13/2009/4735-44, dtd: 03/04/2009	HEADQUARTER
9	MR. TARUN CHANDRA KALITA	P.U.	O/S, GENERAL ADMINISTRATION	7	IDOL/12/2009/6194-97, dtd: 14/11/2009	HEADQUARTER


 501029 1247401111, 0-14-57-18
 Registrar
 Gauhati University, Gauhati-781005

INDEX PAGE FOR APPOINTEMENT ORDER/APOINTMENT LETTER OF ACADEMIC STAFF

<u>Sl. No</u>	<u>Title</u>	<u>Annexure No</u>
1	Appointment order no. of Dr. Apurba Kumar Deka	ACD-1 (No. of Pages 1)
2	Appointment order no. of Dr. Ridip Dev Choudhury	ACD-2 (No. of Pages 1)
3	Appointment order no. of Dr. Khurshid Alom Borbora	ACD-3 (No. of Pages 1)
4	Appointment order no. of Mr. Swapnanil Gogoi	ACD-4 (No. of Pages 1)
5	Appointment Letter no. of Ms. Rita Chakrabarty	ACD-5 (No. of Pages 3)
6	Appointment Letter no. of Mr. Hemanta kalita	ACD-6 (No. of Pages 3)
7	Appointment Letter no. of Ms. Pallavi Saikia	ACD-7 (No. of Pages 3)
8	Appointment order no. of Dr. Barnalee Choudhury	ACD-8 (No. of Pages 1)
9	Appointment Letter no. of Dr. Chayanika Sarma	ACD-9 (No. of Pages 3)
10	Appointment Letter no. of Ms. Jonaki Dutta	ACD-10 (No. of Pages 3)
11	Appointment Letter no. of Mr. Dalim Ch. Das	ACD-11 (No. of Pages 2)
12	Appointment Letter no. of Dr. Manoja Kumar Nayak	ACD-12 (No. of Pages 3)
13	Appointment Letter no. of Mr. Rajen Chetry	ACD-13 (No. of Pages 3)
14	Appointment Letter no. of Mr. Alakesh Das	ACD-14 (No. of Pages 3)


Registrar
Gauhati University, Guwahati-14

INDEX PAGE FOR APPOINTMENT ORDER/APPOINTMENT LETTER OF ADMINISTRATIVE STAFF

<u>Sl. No</u>	<u>Title</u>	<u>Annexure No</u>
1	Appointment Letter no. of Mr. Gitartha Goswami	ADM-1 (No. of Pages 2)
2	Appointment Letter no. of Mr. Goutam Sarma	ADM-2 (No. of Pages 2)
3	Appointment Letter no. of Mr. Dipankar Saikia	ADM-3 (No. of Pages 2)
4	Appointment Letter no. of Dr. Rabindra Sarma	ADM-4 (No. of Pages 2)
5	Appointment Letter no. of Mr. Chandan Saikia	ADM-5 (No. of Pages 3)
6	Appointment Order no. of Mr. Manab Kashyap	ADM-6 (No. of Pages 1)
7	Appointment Order no. of Mr. Ratul Bora	ADM-6 (No. of Pages 1)
8	Appointment Order no. of Mr. Tarun Baishya	ADM-6 (No. of Pages 1)
9	Appointment Order no. of Mr. Tarun Chandra Kalita	ADM-7 (No. of Pages 1)


१५/०५/२०१८
Registrar
Gauhati University, Gauhati-14



POST GRADUATE CORRESPONDENCE SCHOOL GAUHATI UNIVERSITY

Gopinath Bordoloi Nagar, Guwahati - 781014, Assam

Website : www.pgcsгу.org

Tel: (0361) 2673728, 2676791, 2676804

Fax : (0361) 2573887

Dr. Kandarpa Das
Director

E-Mail : kandarpa4@rediffmail.com; director@pgcsгу.org

Memo No. /.....

Date:

OFFICE ORDER

This is for information of all concerned that as per recommendation of the PGCS Core Committee meeting held on 08-01-2008 and subsequent approval of the honourable Vice-Chancellor dated 25-01-2008, the following faculty members of the PGCS have been placed under the Contractual Service Scheme approved by the Executive Council vide Resolution No. 2007/17(13)/358 dated 08-12-2007 for a period of five years w.e.f. 1st January, 2008 on the scale of pay Rs. 8000 - 275 - 13,500/- with initial notional basic pay mentioned against their names. Their pay, allowances and other service conditions shall be governed as per PGCS Contractual Service for faculty members.

- 1) Dr. Uttara Debi, Lecturer in English *as per scale* - Rs. 13,650/-
- ✓ 2) Mr. Apurba Deka, Lecturer in Assamese - Rs. 12,000/-
- 3) Mr. Ridip Dev Choudhury, Lecturer in Computer Science - Rs. 12,000/-
- 4) Mr. Khurshid Alam Borbora, Lecturer in Computer Science - Rs. 12,000/-

They are required to sign a service agreement before drawing their first salary.

Date: January 28, 2008

Memo No. PGCS/Gen.Estt./13/2008/

Copy to:

- ✓ 1. Supervisor Gen. Administration, PGCS, GU
- ✓ 2. Supervisor Accounts, PGCS, GU
3. Person concerned
4. Office file


 ৩৬০১৫
 গৌহাটী বিশ্ববিদ্যালয়, গৌহাটী-১৪
 Registrar
 Gauhati University, Guwahati-14


 (Kandarpa Das)
 dated January 28, 2008

(Kandarpa Das)



POST GRADUATE CORRESPONDENCE SCHOOL GAUHATI UNIVERSITY

Gopinath Bordoloi Nagar, Guwahati - 781014, Assam

Website : www.pgcsгу.org

Tel: (0361) 2673728, 2676791, 2676804

Fax : (0361) 2573887

Dr. Kandarpa Das
Director

E-Mail : kandarpa4@rediffmail.com; director@pgcsгу.org

Memo No. /

Date:

OFFICE ORDER

This is for information of all concerned that as per recommendation of the PGCS Core Committee meeting held on 08-01-2008 and subsequent approval of the honourable Vice- Chancellor dated 25-01-2008, the following faculty members of the PGCS have been placed under the Contractual Service Scheme approved by the Executive Council vide. Resolution No. 2007/17(13)/358 dated 08-12-2007 for a period of five years w.e.f. 1st January, 2008 on the scale of pay Rs. 8000 - 275 - 13,500/- with initial notional basic pay mentioned against their names. Their pay, allowances and other service conditions shall be governed as per PGCS Contractual Service for faculty members.

- 1) Dr. Uttara Debi, Lecturer in English *entered* - Rs. 13,650/-
- 2) Mr. Apurba Deka, Lecturer in Assamese - Rs. 12,000/-
- ✓ 3) Mr. Ridip Dev Choudhury, Lecturer in Computer Science - Rs. 12,000/-
- 4) Mr. Khurshid Alam Borbora, Lecturer in Computer Science - Rs. 12,000/-

They are required to sign a service agreement before drawing their first salary.

Date: January 28, 2008

Memo No. PGCS/Gen.Estt./13/2008/

Copy to:

1. Supervisor Gen. Administration, PGCS, GU
2. Supervisor Accounts, PGCS, GU
3. Person concerned
4. Office file

(Signature)
 Registrar
 Gauhati University, Guwahati-14

(Signature)
 28/1/08

(Kandarpa Das)
 dated January 28, 2008

(Kandarpa Das)



POST GRADUATE CORRESPONDENCE SCHOOL GAUHATI UNIVERSITY

Gopinath Bordoloi Nagar, Guwahati - 781014, Assam

Website : www.pgcsгу.org

Tel: (0361) 2673728, 2676791, 2676804

Fax : (0361) 2573887

Dr. Kandarpa Das
Director

E-Mail : kandarpa4@rediffmail.com; director@pgcsгу.org

Memo No. /.....

Date:

OFFICE ORDER

This is for information of all concerned that as per recommendation of the PGCS Core Committee meeting held on 08-01-2008 and subsequent approval of the honourable Vice- Chancellor dated 25-01-2008, the following faculty members of the PGCS have been placed under the Contractual Service Scheme approved by the Executive Council vide. Resolution No. 2007/17(13)/358 dated 08-12-2007 for a period of five years w.e.f. 1st January, 2008 on the scale of pay Rs. 8000 - 275 - 13,500/- with initial notional basic pay mentioned against their names. Their pay, allowances and other service conditions shall be governed as per PGCS Contractual Service for faculty members.

- 1) Dr. Uttara Debi, Lecturer in English *expired* - Rs. 13,650/-
- 2) Mr. Apurba Deka, Lecturer in Assamese - Rs. 12,000/-
- 3) Mr. Ridip Dev Choudhury, Lecturer in Computer Science - Rs. 12,000/-
- ✓ 4) Mr. Khurshid Alam Borbora, Lecturer in Computer Science - Rs. 12,000/-

They are required to sign a service agreement before drawing their first salary.

Date: January 28, 2008

Memo No. PGCS/Gen.Estt./13/2008/

Copy to:

1. Supervisor Gen. Administration, PGCS, GU
2. Supervisor Accounts, PGCS, GU
3. Person concerned
4. Office file

(Handwritten signature of Kandarpa Das)
28/1/08

(Kandarpa Das)
dated January 28, 2008

(Handwritten signature)
৩৬১/১৩
গোহাটী বিশ্ববিদ্যালয়, গুৱাহাটী
Registrar
Gauhati University, Guwahati-14

(Kandarpa Das)



দূৰ আৰু মুক্ত শিক্ষা প্রতিষ্ঠান
Institute of Distance and Open Learning
গুৱাহাটী বিশ্ববিদ্যালয়
GAUHATI UNIVERSITY

ACD-4

SL 205

স্বাক্ষৰিত: ১৮/১১/০৯

Fax: +9136132573887

স্বাক্ষৰিত
১৮/১১/০৯

E-Mail: kancharpa46@rediffmail.com, chandana@idolgu.org

স্বাক্ষৰিত
১৮/১১/০৯

OFFICE ORDER

Dt. 18-11-09

In pursuant to the IDOL Core Committee Resolution no. 1 dt. 27.10.09 and subsequently approved by the Vice-Chancellor, GU dated 13.11.09, Sri Prasenjit Das, Editor, Study Materials and Sri Swapnanil Gogoi, Lecturer, Computer Science has been put under IDOL Contractual Service Scheme, approved by the Executive Council vide Reso. No. 2007/17(B)/358 dated 08.12.07 for a period of 5 (five) years wef. 01-11-09 in the scale of pay of Rs. 8000-275-13500/- plus usual allowances as admissible under Rules.

The other terms and conditions of the contractual appointments approved by the E.C. vide Reso. No. 2007/17(B)/358 dated 08.12.07 will remain unchanged.

Sd/-
Director
IDOL, GU

Memo no. IDOL/Gen-Estt/13/2009/ 6239-6233

Date... 18.11.09...

Copy forwarded for information and necessary action to :

1. O/S (Gen. Admn) IDOL, GU
2. O/S (Accounts), IDOL, GU
3. Person Concerned
4. Personal File
5. Office File

পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

Director
IDOL, GU
১৮/১১/০৯



GAUHATI UNIVERSITY
Institute of Distance and Open Learning
Guwahati-781014

Ref No: GU/IDOL/AC/1/2016/

Date:

From: Prof. Pranab Jyoti Das
 Director, i/c
 GUIDOL

To: Mrs. Rita Chakraborty
 C/o- Mr. Kailash Nath sarma
 Vill- Kochpara, PO- Mirza
 PS- Palashbari
 Dist- Kamrup, Pin- 781125

Sub: Appointment to the Post of Assistant Professor (five years contractual scheme) in Computer Science at IDOL, Gauhati University

Ref: Honourable Vice Chancellor, Gauhati University approval dated 21/03/2016

Dear Mrs. Chakraborty,

I am glad to inform you that you are appointed to the post of Assistant Professor in Computer Science w.e.f. 05-04-2016 at Institute of Distance and Open Learning, Gauhati University (GUIDOL) under the following Terms and Conditions:

- | | |
|-------------------------------|---|
| 1. Name of the Post: | Assistant Professor, Computer Science (Contractual Scheme) |
| 2. Nature of the Post: | The post is temporary and will run concurrently with existence of IDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment. |
| Pay Scale of the Post: | Rs. 15,600-39,100 + Grade Pay of Rs. 6000/- |


 ৱাৰ্ডাৰ
 ৱাৰ্ডাৰ
 Registrar
 Gauhati University, Guwahati-14

- 4. Probation:** This appointment is made on probation for a period of one year from the date of joining. However the appointment authority shall have the right to extend the period of probation. At the end of the probationary period, your terms will be considered as per serial number 2 (two) above.
- 6. Leave and Vacation:** Leave and Vacation will be governed by the rules in force at the University.
- 7. Duties and Responsibility:** As prescribed by the IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.
- 8. Travelling Allowances:** No TA will be provided for joining this post.
- 9. Termination of Service:** During the probationary period this appointment may be terminated by giving in writing one month notice on either side. The appointing authority shall however have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of serial number 2 above.
- 10. Medical Examination:** You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 (ten) days from the date of joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
- 11. Verification of Certificate:** You will be required to produce your original Degree and Diploma and other certificates at the time of your joining along with a photocopy of certificates of HSLC/HS Examination in support of your age.

You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join in your duties at the University. If no definite reply is received within the specified time from your end, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.


Registrar
Gauhati University, Gauhati

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining. After joining you are also requested to report for duty to the Director, Institute of Distance and Open Learning, Gauhati University.

This is issued with the approval of the Honourable Vice Chancellor, Gauhati University dated 21-03-2016.

With best wishes.

Yours sincerely


S/d- 4.4.16
Director
GUIDOL
Date:
4.4.16

Memo No: GU/IDOL/AC/1/2016/ 2016 — 0210

Copy forwarded to:

1. Secretary to the Vice Chancellor, GU for information
2. The Registrar, GU
3. The Chief Medical Officer, GU Hospital
4. The Person Concerned
5. O/s Gen Administration, GUIDOL
6. O/s Accounts, GUIDOL
7. Personal File
8. Office File
9. Spare Copy


গোহাটী বিশ্ববিদ্যালয়
Registrar
Gauhati University, Guwahati-14


Director
GUIDOL



GAUHATI UNIVERSITY
Institute of Distance and Open Learning
Guwahati-781014

Ref No: **GU/IDOL/AC/1/2016/**

Date:

From: Prof. Pranab Jyoti Das
Director, i/c
GUIDOL

To: **Mr. Hemanta Kalita**
C/o- Sri Khagen Chandra Kalita
Vill- Mirza (Pitamata Mandir)
PO- Mirza
Dist- Kamrup, Guwahati- 781125

Sub: **Appointment to the Post of Assistant Professor (five years contractual scheme) in Computer Science at IDOL, Gauhati University**

Ref: **Honourable Vice Chancellor, Gauhati University approval dated 21/03/2016**

Dear Mr. Kalita,

I am glad to inform you that you are appointed to the post of Assistant Professor in Computer Science w.e.f. 05-04-2016 at Institute of Distance and Open Learning, Gauhati University (GUIDOL) under the following Terms and Conditions:

1. Name of the Post: Assistant Professor, Computer Science (Contractual Scheme)
2. Nature of the Post: The post is temporary and will run concurrently with existence of IDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment.

Rs. 15,600-39,100 + Grade Pay of Rs. 6000/-


Registrar,
Gauhati University, Guwahati-781014

4. Probation:

This appointment is made on probation for a period of one year from the date of joining. However the appointment authority shall have the right to extend the period of probation. At the end of the probationary period, your terms will be considered as per serial number 2 (two) above.

6. Leave and Vacation:

Leave and Vacation will be governed by the rules in force at the University.

7. Duties and Responsibility:

As prescribed by the IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.

8. Travelling Allowances:

No TA will be provided for joining this post.

9. Termination of Service:

During the probationary period this appointment may be terminated by giving in writing one month notice on either side. The appointing authority shall however have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of serial number 2 above.

10. Medical Examination:

You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 (ten) days from the date of joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.

11. Verification of Certificate: You will be required to produce your original Degree and Diploma and other certificates at the time of your joining along with a photocopy of certificates of HSLC/HS Examination in support of your age.

You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join in your duties at the University. If no definite reply is received within the specified time from your end, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

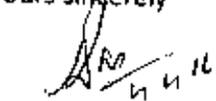

Registrar
Gowahati University, Gowahati-14.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining. After joining you are also requested to report for duty to the Director, Institute of Distance and open Learning, Gauhati University.

This is issued with the approval of the Honourable Vice Chancellor, Gauhati University dated 21-03-2016.

With best wishes.

Yours sincerely



S/d-
Director
GUIDOL
Date: 4-4-16

Memo No: GU/IDOL/AC/1/2016/ 0019- 26

Copy forwarded to:

1. Secretary to the Vice Chancellor, GU for information
2. The Registrar, GU
3. The Chief Medical Officer, GU Hospital
4. The Person Concerned
5. O/s Gen Administration, GUIDOL
6. O/s Accounts, GUIDOL
- ✓ 7. Personal File
8. Office File
9. Spare Copy



Director 4-4-16
GUIDOL



GAUHATI UNIVERSITY
Institute of Distance and Open Learning
Guwahati-781014

Ref No: GU/IDOL/AC/1/2016/

Date:

From: Prof. Pranab Jyoti Das
Director, i/c
GUIDOL

To: Mrs. Pallavi Saikia
C/o- Dr. G.C. Medhi
H/No- JE16
Juripar Path, Panjabari Road
Guwahati- 781022

Sub: Appointment to the Post of Assistant Professor (five years contractual scheme) in
Computer Science at IDOL, Gauhati University

Ref: *Honourable Vice Chancellor, Gauhati University approval dated 21/03/2016*

Dear Mrs. Saikia,

I am glad to inform you that you are appointed to the post of Assistant Professor in
Computer Science w.e.f. 05-04-2016 at Institute of Distance and Open Learning, Gauhati University
(GUIDOL) under the following Terms and Conditions:

- 1. Name of the Post:** Assistant Professor, Computer Science (Contractual Scheme)
- 2. Nature of the Post:** The post is temporary and will run concurrently with existence of
IDOL. Further, the terms of appointment will be governed by the
terms and conditions of the IDOL's contractual appointment.
- 3. Pay Scale of the Post:** Rs. 15,600-39,100 + Grade Pay of Rs. 6000/-

- 4. Probation:** This appointment is made on probation for a period of one year from the date of joining. However the appointment authority shall have the right to extend the period of probation. At the end of the probationary period, your terms will be considered as per serial number 2 (two) above.
- 6. Leave and Vacation:** Leave and Vacation will be governed by the rules in force at the University.
- 7. Duties and Responsibility:** As prescribed by the IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.
- 8. Travelling Allowances:** No TA will be provided for joining this post.
- 9. Termination of Service:** During the probationary period this appointment may be terminated by giving in writing one month notice on either side. The appointing authority shall however have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of serial number 2 above.
- 10. Medical Examination:** You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 (ten) days from the date of joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
- 11. Verification of Certificate:** You will be required to produce your original Degree and Diploma and other certificates at the time of your joining along with a photocopy of certificates of HSLC/HS Examination in support of your age.

You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join in your duties at the University. If no definite reply is received within the specified time from your end, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining. After joining you are also requested to report for duty to the Director, Institute of Distance and open Learning, Gauhati University.

This is issued with the approval of the Honourable Vice Chancellor, Gauhati University dated 21-03-2016.

With best wishes.

Yours sincerely

S/d-
Director
GUIDOL
Date: 4-4-16

Memo No: GU/IDOL/AC/1/2016/ 2027 - 60 34

Copy forwarded to:

1. Secretary to the Vice Chancellor, GU for information
2. The Registrar, GU
3. The Chief Medical Officer, GU Hospital
4. The Person Concerned
5. O/s Gen Administration, GUIDOL
6. O/s Accounts, GUIDOL
7. Personal File
8. Office File
9. Spare Copy


4.4.16
Director
GUIDOL



AcD-8

দূৰ আৰু মুক্ত শিক্ষা প্রতিষ্ঠান
Institute of Distance and Open Learning
গুৱাহাটী বিশ্ববিদ্যালয়
GAUHATI UNIVERSITY

Tel : (0361) 2673728, 2676791, 2676804

Fax : (0361)2573887

ড° কন্দৰ্প দাস

সঞ্চালক

Dr. Kandarpa Das
Director

E-Mail : kandarpa4@rediffmail.com; director@pgcsgu.org

OFFICE ORDER

As per recommendation of the PGCS Core Committee meeting held on 08/01/2008 and subsequent approval of the Honorable Vice-Chancellor dt. 25/01/2008 M/s Bornalee Choudhury Lecturer, Dept. of Political Science, PGCS has been placed under Contractual Service Scheme approved by the Executive Council vide Resolution no. 2007/17(13)/358 dt. 08/12/2007 for a period of 5 years wef. 1st May, 2008 in the scale of Rs. 8000-275-13500/- with initial National Basic Pay of Rs. 12000/-. Her pay and allowances and other service condition shall be Governed as per PGCS Contractual Service for faculty members. She is required to sign a service agreement before drawing her first salary.

Sd/-
Director
IDOL, GU

Memo no. IDOL/Office-Counsellor/26/2008/ 522-25

২৯-৬-২৭/৫/০৮

Copy forwarded for information and necessary action to :

- 1) O/S Gen. Administration, IDOL, GU
- 2) O/S Accounts, IDOL, GU
- 3) Person concern
- 4) Personal file


পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14


Director,
IDOL, GU
Open Learning
26/5/08

গোপীনাথ বৰদলৈ নগৰ, গুৱাহাটী - ৭৮১০১৪ : অসম
Gopinath Bordoloi Nagar, Guwahati-781014 : Assam
Visit us at : www.pgcsgu.org



GAUHATI UNIVERSITY
Institute of Distance and Open Learning
Guwahati-781014

Ref No: GU/IDOL/AC/1/2016/

Date:

From: Prof. Pranab Jyoti Das
 Director, i/c
 GUIDOL

To: Dr. Chayanika Sarma
 C/o- Mr. Bhabesh Sarma
 Jatiya, H/No- 3
 Mernan Academy Bylane
 Kahilipara Road, Guwahati- 781006

Sub: **Appointment to the Post of Assistant Professor (five years contractual scheme) In Political Science at IDOL, Gauhati Unlversity**

Ref: *Honourable Vice Chancellor, Gauhati University approval dated 21/03/2016*

Dear Dr. Sarma,

I am glad to inform you that you are appointed to the post of Assistant Professor in Political Science w.e.f. 05-04-2016 at Institute of Distance and Open Learning, Gauhati University (GUIDOL) under the following Terms and Conditions:

1. **Name of the Post:** Assistant Professor, Political Science (Contractual Scheme)
2. **Nature of the Post:** The post is temporary and will run concurrently with existence of IDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment.
3. **Pay Scale of the Post:** Rs. 15,600-39,100 + Grade Pay of Rs. 6000/-


 ১৪/০৩/১৬
 Registrar
 Gauhati University, Guwahati-

- 4. Probation:** This appointment is made on probation for a period of one year from the date of joining. However the appointment authority shall have the right to extend the period of probation. At the end of the probationary period, your terms will be considered as per serial number 2 (two) above.
- 6. Leave and Vacation:** Leave and Vacation will be governed by the rules in force at the University.
- 7. Duties and Responsibility:** As prescribed by the IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.
- 8. Travelling Allowances:** No TA will be provided for joining this post.
- 9. Termination of Service:** During the probationary period this appointment may be terminated by giving in writing one month notice on either side. The appointing authority shall however have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of serial number 2 above.
- 10. Medical Examination:** You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 (ten) days from the date of joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
- 11. Verification of Certificate:** You will be required to produce your original Degree and Diploma and other certificates at the time of your joining along with a photocopy of certificates of HSLC/HS Examination in support of your age.

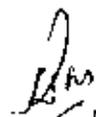
You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join in your duties at the University. If no definite reply is received within the specified time from your end, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining. After joining you are also requested to report for duty to the Director, Institute of Distance and open Learning, Gauhati University.

This is issued with the approval of the Honourable Vice Chancellor, Gauhati University dated 21-03-2016.

With best wishes.

Yours sincerely


S/d- 4.4.16
Director
GUIDOL
Date: 4.4.16

Memo No: GU/IDOL/AC/1/2016/ 657 / 4.4.16

Copy forwarded to:

1. Secretary to the Vice Chancellor, GU for information
2. The Registrar, GU
3. The Chief Medical Officer, GU Hospital
4. The Person Concerned
5. O/s Gen Administration, GUIDOL
6. O/s Accounts, GUIDOL
7. Personal File
8. Office File
9. Spare Copy


Director
GUIDOL
(R)



GAUHATI UNIVERSITY
Institute of Distance and Open Learning
Guwahati-781014

Ref No: **GU/IDOL/AC/1/2016/ 0033**

Date: **05-04-16**

From: Prof. Pranab Jyoti Das
 Director, i/c
 GUIDOL

To: Jonaki Dutta
 H/o- Shri Hrishikesh Dutta
 Flat No- 1/D, 83 Pink House Apartments
 A.K. Azad Road, Reharbari
 Guwahati- 781008

Sub: **Appointment to the Post of Assistant Professor (five years contractual scheme) in Political Science at IDOL, Gauhati University**

Ref: **Honourable Vice Chancellor, Gauhati University approval dated 21/03/2016**

Dear Dutta,

I am glad to inform you that you are appointed to the post of Assistant Professor in Political Science w.e.f. 05-04-2016 at Institute of Distance and Open Learning, Gauhati University (GUIDOL) under the following Terms and Conditions:

- | | |
|-------------------------------|---|
| 1. Name of the Post: | Assistant Professor, Political Science (Contractual Scheme) |
| 2. Nature of the Post: | The post is temporary and will run concurrently with existence of IDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment. |
| Scale of the Post: | Rs. 15,600-39,100 + Grade Pay of Rs. 6000/- |


 Registrar,
 Gauhati University, Guwahati-14

- 4. Probation:** This appointment is made on probation for a period of one year from the date of joining. However the appointment authority shall have the right to extend the period of probation. At the end of the probationary period, your terms will be considered as per serial number 2 (two) above.
- 6. Leave and Vacation:** Leave and Vacation will be governed by the rules in force at the University.
- 7. Duties and Responsibility:** As prescribed by the IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.
- 8. Travelling Allowances:** No TA will be provided for joining this post.
- 9. Termination of Service:** During the probationary period this appointment may be terminated by giving in writing one month notice on either side. The appointing authority shall however have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of serial number 2 above.
- 10. Medical Examination:** You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 (ten) days from the date of joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
- 11. Verification of Certificate:** You will be required to produce your original Degree and Diploma and other certificates at the time of your joining along with a photocopy of certificates of HSLC/HS Examination in support of your age.

You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join in your duties at the University. If no definite reply is received within the specified time from your end, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining. After joining you are also requested to report for duty to the Director, Institute of Distance and open Learning, Gauhati University.

This is issued with the approval of the Honourable Vice Chancellor, Gauhati University dated 21-03-2016.

With best wishes.

Yours sincerely

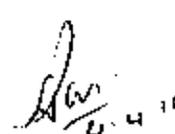
S/d-
Director
GUIDOL
Date:

4-4-16

Memo No: GU/IDOL/AC/1/2016/ 0035 - 0062

Copy forwarded to:

1. Secretary to the Vice Chancellor, GU for information
2. The Registrar, GU
3. The Chief Medical Officer, GU Hospital
4. The Person Concerned
5. O/s Gen Administration, GUIDOL
6. O/s Accounts, GUIDOL
7. Personal File
8. Office File
9. Spare Copy


Director
GUIDOL



ACD-11

file no 12

GAUHATI UNIVERSITY
Institute of Distance and Open Learning
Guwahati -14

Ref. No. GU/IDOL/AC/1/2014/

Date:

From: Prof. Kandarpa Das,
Director,
G.U, IDOL

To,

Mr. Dalim Ch. Das,
Janata College, Rabuganj
P.O Kabuganj
Dist. Cachar, Assam
Pin-788121

Sub: **Recruitment to the post of Assistant Professor (Contractual), English, IDOL, GU.**

Ref: Your application dtd. 11.07.2013 and Selection Committee meeting held on 19-2-2014 for the post of Assistant Professor, English (Contractual), GU, IDOL vide Advt. No. IDOL/NTS/4/2013

Dear Mr. Das,

I am glad to inform you that you are selected for appointment to the post of Assistant Professor, English, Gauhati University, Institute of Distance and Open Learning, Guwahati under the following terms and conditions:

1. Name of the post : Assistant Professor, English (Contractual)
2. Nature of the post : The post is temporary and will be concurrently with existence of IDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment.
3. Scale of pay of the post : Rs.15, 600-39,100 G.P. Rs. 6000/-
4. Initial salary : As per G.U. Rule.
5. Probation : This appointment is made on probation for a period of one year from the date of joining. However the appointing authority shall have the power to extend the period of probation. At the end of the probationary period, your terms will be considered as per SI.No.2 above.
6. Leave and vacation : Leave and vacation will be governed by the rules in force at the University.
7. Duties and responsibility : As prescribed by IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.
8. Travelling allowances : No travelling allowances will be provided for joining the post.


পঞ্জীয়ক
Registrar
Gauhati University, Guwahati-14

9. Termination of service : During the probationary period, this appointment may be terminated by giving in writing one month's notice on either sides. The appointing authority shall however, have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of Sl.No.2 above.
10. Medical Examination : You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 days from the date of joining the post. The offer will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
11. Verification of Certificate : You will be required to produce your original degree and diploma and other certificates at the time of your joining along with a photocopy of certificate of HSLC/HS Examination in support of your age.

You are requested to inform the undersigned within 15(fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join your duties at the University. If no definite reply is received within the specified time, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining. After joining you are also requested to report for duty to the Director, Institute of Distance and Open Learning, Gauhati University.

With best wishes,

Yours sincerely,

Sd/-
Director,
G.U, IDOL

Date: 9-6-14

Memo No. GU/IDOL/AC/1/2014/1128-34

Copy forwarded to:

1. Secretary to the VC, for information
2. The Registrar, GU
3. The Joint Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi-110002
4. The Statistician, GU.
5. The Chief Medical Officer, GU Hospital.
- ✓ 6. Concerned file
7. File No. GU/IDOL/AC/1/2014

Director,
G.U, IDOL



GAUHATI UNIVERSITY
Institute of Distance and Open Learning
Guwahati-781014

Ref No: GU/IDOL/AC/1/2016/ 2779

Date: 20.03.2016

From: Prof. Pranab Jyoti Das
 Director, i/c
 GUIDOL

To: Dr. Manoj Kumar Nayak
 C/o- Mr. N.C. Borthakur
 Bokul Path, NH-37
 Jalukbari, Kamrup (M), Guwahati- 781014

Sub: Appointment to the Post of Assistant Professor (five years contractual scheme) in Education at IDOL, Gauhati University

Ref: Honourable Vice Chancellor, Gauhati University approval dated 16/03/2016

Dear Dr. Nayak,

I am glad to inform you that you are appointed to the post of Assistant Professor in Education w.e.f. 13-03-2016 at Institute of Distance and Open Learning, Gauhati University (GUIDOL) under the following Terms and Conditions:

1. Name of the Post: Assistant Professor, Education (Contractual Scheme)
2. Nature of the Post: The post is temporary and will run concurrently with existence of IDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment.

Rs. 15,600-39,100 + Grade Pay of Rs. 6000/-


 Registrar
 Gauhati University, Guwahati-14

- 4. Probation:** This appointment is made on probation for a period of one year from the date of joining. However the appointment authority shall have the right to extend the period of probation. At the end of the probationary period, your terms will be considered as per serial number 2 (two) above.
- 6. Leave and Vacation:** Leave and Vacation will be governed by the rules in force at the University.
- 7. Duties and Responsibility:** As prescribed by the IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.
- 8. Travelling Allowances:** No TA will be provided for joining this post.
- 9. Termination of Service:** During the probationary period this appointment may be terminated by giving in writing one month notice on either side. The appointing authority shall however have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of serial number 2 above.
- 10. Medical Examination:** You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 (ten) days from the date of joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
- 11. Verification of Certificate:** You will be required to produce your original Degree and Diploma and other certificates at the time of your joining along with a photocopy of certificates of HSLC/HS Examination in support of your age.

You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join in your duties at the University. If no definite reply is received within the specified time from your end, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, In duplicate which is attached herewith at the time of your joining. After joining you are also requested to report for duty to the Director, Institute of Distance and open Learning, Gauhati University.

This is Issued with the approval of the Honourable Vice Chancellor, Gauhati University dated 16-03-2016.

With best wishes.

Yours sincerely


21-03-16
Director
GUIDOL
Date: 

Memo No: GU/IDOL/AC/1/2016/ 2979 - 2986

21-03-2016

Copy forwarded to:

1. Secretary to the Vice Chancellor, GU for Information
2. The Registrar, GU
3. The Chief Medical Officer, GU Hospital
4. The Person Concerned
5. O/s Gen Administration, GUIDOL
6. O/s Accounts, GUIDOL
7. Personal File
8. Office File
9. Spare Copy

S/d-
Director
GUIDOL




GAUHATI UNIVERSITY
Institute of Distance and Open Learning
Guwahati-781014

Ref No: **GU/IDOL/AC/1/2016/2957**

Date: **21-03-2016**

From: Prof. Pranab Jyoti Das
 Director, i/c
 GUIDOL

To: Mr. Rajen Chetry
 C/o- Mr. Nir Bahadur Chetry
 Vill + PO- Runikhata
 Dist- Chirang, BTAD
 Pin- 783375

Sub: **Appointment to the Post of Assistant Professor (five years contractual scheme) in Commerce at IDOL, Gauhati University**

Ref: **Honourable Vice Chancellor, Gauhati University approval dated 16/03/2016**

Dear Mr. Chetry,

I am glad to inform you that you are appointed to the post of Assistant Professor in Commerce w.e.f. 12-03-2016 at Institute of Distance and Open Learning, Gauhati University (GUIDOL) under the following Terms and Conditions:

1. Name of the Post: Assistant Professor, Commerce (Contractual Scheme)
2. Nature of the Post: The post is temporary and will run concurrently with existence of IDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment.
3. Pay Scale of the Post: Rs. 15,600-39,100 + Grade Pay of Rs. 6000/-


 Registrar
 Gauhati University, Guwahati-1.

- 4. Probation:** This appointment is made on probation for a period of one year from the date of joining. However the appointment authority shall have the right to extend the period of probation. At the end of the probationary period, your terms will be considered as per serial number 2 (two) above.
- 5. Leave and Vacation:** Leave and Vacation will be governed by the rules in force at the University.
- 6. Duties and Responsibility:** As prescribed by the IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.
- 7. Travelling Allowances:** No TA will be provided for joining this post.
- 8. Termination of Service:** During the probationary period this appointment may be terminated by giving in writing one month notice on either side. The appointing authority shall however have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of serial number 2 above.
- 9. Medical Examination:** You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 (ten) days from the date of joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
- 10. Verification of Certificate:** You will be required to produce your original Degree and Diploma and other certificates at the time of your joining along with a photocopy of certificates of HSLC/HS Examination in support of your age.

You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join in your duties at the University. If no definite reply is received within the specified time from your end, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining. After joining you are also requested to report for duty to the Director, Institute of Distance and open Learning, Gauhati University.

This is issued with the approval of the Honourable Vice Chancellor, Gauhati University dated 16-03-2016.

With best wishes.

Yours sincerely

S/d-
Director
GUIDOL
Date: 

Memo No: GU/IDOL/AC/1/2016/ 2797 - 2994

21-03-16

Copy forwarded to:

1. Secretary to the Vice Chancellor, GU for information
2. The Registrar, GU
3. The Chief Medical Officer, GU Hospital
4. The Person Concerned
5. O/s Gen Administration, GUIDOL
6. O/s Accounts, GUIDOL
7. Personal File
8. Office File
9. Spare Copy


21-03-16
Director
GUIDOL 



GAUHATI UNIVERSITY
Institute of Distance and Open Learning
Guwahati-781014

Ref No: GU/IDOL/AC/1/2016/ 3002 - 2

Date: 21-03-16

From: Prof. Pranab Jyoti Das
 Director, i/c
 GUIDOL

To: Mr. Alakesh Das
 C/o- Mr. Ramesh Chandra Das
 Hengerabari, Kallmandir Sangjog Path
 House No: 03, Kamrup (M), Guwahati- 781036

Sub: Appointment to the Post of Assistant Professor (five years contractual scheme) In Mass Communication at IDOL, Gauhati University

Ref: Honourable Vice Chancellor, Gauhati University approval dated 16/03/2016

Dear Mr. Das,

I am glad to inform you that you are appointed to the post of Assistant Professor in Mass Communication w.e.f. 23-03-2016 at Institute of Distance and Open Learning, Gauhati University (GUIDOL) under the following Terms and Conditions:

1. Name of the Post: Assistant Professor, Mass Communication (Contractual Scheme)
2. Nature of the Post: The post is temporary and will run concurrently with existence of IDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment.

Rs. 15,600-39,100 + Grade Pay of Rs. 6000/-


 Registrar
 Gauhati University, Guwahati-14

- 4. Probation:** This appointment is made on probation for a period of one year from the date of joining. However the appointment authority shall have the right to extend the period of probation. At the end of the probationary period, your terms will be considered as per serial number 2 (two) above.
- 6. Leave and Vacation:** Leave and Vacation will be governed by the rules in force at the University.
- 7. Duties and Responsibility:** As prescribed by the IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.
- 8. Travelling Allowances:** No Travelling Allowances will be provided for joining this post.
- 9. Termination of Service:** During the probationary period, this appointment may be terminated by giving in writing one month's notice on either side. The appointing authority shall however, have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of serial number 2 above.
- 10. Medical Examination:** You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 (ten) days from the date of joining. Till receipt of the fitness certificate your joining in the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
- 11. Verification of Certificate:** You will be required to produce your original Degree and Diploma and other certificates at the time of your joining along with a photocopy of certificates of HSLC/HS Examination in support of your age.

You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join in your duties at the University. If no definite reply is received within the specified time from your end, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are also requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining. After joining you are also requested to report for duty to the Director, Institute of Distance and open Learning, Gauhati University.

This is issued with the approval of the Honourable Vice Chancellor, Gauhati University dated 16-03-2016.

With best wishes.

Yours sincerely

S/d-
Director
GUIDOL
Date:

Memo No: GU/IDOL/AC/1/2016/ 3002-3009

21-3-16

Copy forwarded to:

1. Secretary to the Vice Chancellor, GU for information
2. The Registrar, GU
3. The Chief Medical Officer, GU Hospital
4. The Person Concerned
5. O/s Gen administration, GUIDOL
6. O/s Accounts, GUIDOL
7. Personal File
8. Office File
9. Spare Copy


21.03.16
Director
GUIDOL

**OFFICE OF THE REGISTRAR : GAUHATI UNIVERSITY : GUWAHATI-14
PERSONNEL DEPARTMENT (ESTABLISHMENT BRANCH)**

Ref. No. GU/Estt/OCR/IDOL/10/6767

Date 21/6/10

From : U.C. Das, M.Sc., DCO, MBA
Registrar,
Gauhati University.

To : Mr. Gitantha Goswami
C/O Dr. Uttam Ch. Goswami
VIII : Nalchera
P.O. : Tihu,
Dist. : Nalbari-781371

Sub: **Recruitment to the post of Assistant Director, Institute of Distance and Open Learning, G.U.**

Ref: Your application dtd. 12.10.09 and interview dated 24.02.10 for the post of Assistant Director, IDOL, G.U. vide Advt. No. IDOL/NES/1/2009.

Dear Mr. Goswami,

I am glad to inform you that you are selected for appointment to the post of Assistant Director, Institute of Distance and Open Learning at Gauhati University, Guwahati under the following terms and conditions :

- | | |
|------------------------------|--|
| 1. Name of the post | Assistant Director |
| 2. Nature of the post. | The post is temporary and will be concurrently with existence of IDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment. |
| 3. Scale of pay of the post | Rs. 8000-275-13,500/- (pre-revised) |
| 4. Initial salary | As per G.U. Rule. |
| 5. Probation | This appointment is made on probation for a period of one year from the date of joining. However the appointing authority shall have the power to extend the period of probation. At the end of the probationary period, your terms will be considered as per Sl.No.2 above. |
| 6. Leave and vacation | Leave and vacation will be governed by the rules in force at the University. |
| 7. Duties and responsibility | As prescribed by ^{IDOL} and accepted by University and also as may be prescribed by authority of the University from time to time. |


U.C. Das
Registrar
Gauhati University, Guwahati-14

- 8. Traveling allowances : No Traveling allowances will be provided for the post.
- 9. Termination of service : During the probationary period, this appointment, be terminated by giving in writing one month's notice on either sides. The appointing authority shall however, have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of Sl. No.2 above.
- 10. Medical examination : You will required to submit a physical fitness from the Chief Medical Officer of the University within 10 days from the date of the joining. Till receipt of the fitness certificate your joining the post will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
- 11. Verification of Certificate : You will be required to produce your original degree and diploma and other certificates at the time of your joining along with a photocopy of certificate of HSLC/ HS Examination in support of your age.

You are requested to inform the undersigned within 15(fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join your duties at the University. If no definite reply is received within the specified time, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining.

After joining you are also requested to report for duty to the Director, Institute of Distance and Open Learning, Gauhati University.

With best wishes,

Yours sincerely,

[Signature]
21/6/10
Registrar,
Gauhati University *[Signature]*
21/6/10

Date _____

Memo No. GU/Estt/OCR/IDOL/10/

Copy forwarded to :

- 1. The Treasurer, G.U.
- 2. The Director, Institute of Distance and Open Learning, G.U. with a request to send copies of joining report to the Treasurer, G.U. Statistician, G.U. and this office.
- 3. The Joint Secretary, University Grants Commission, Bahadur Shah Zafar Marg, New Delhi-110002
- 4. The Statistician, G.U.
- 5. The Chief Medical Officer, G.U. Hospital.
- 6. Concerned file
- 7. File No. OCR/IDOL

[Signature]
21/6/10
Registrar,
Gauhati University

[Signature]
21/6/10

**OFFICE OF THE REGISTRAR : GAUHATI UNIVERSITY :GUWAHATI-14
PERSONNEL DEPARTMENT(ESTABLISHMENT BRANCH)**

Ref. No. GU/Estt/OCR/IDOL/Asstt.Direc./2013/159/

Date 14.5.13

From : U. C. Das, M.Sc., DCO, MBA
Registrar,
Gauhati University

To
Mr. Goutam Sarma
C/O Dr. C.M. Sarma
R.D. Niloy
Tetulia, NH-37, Near Ganesh Mandir
Guwahati-33

Sub. : **Recruitment to the post of Assistant Director, Evaluations(Contractual) IDOL, G.U.**

Ref.: Your application dtd. 09.12.10 and interview dated 15.03.2013 for the post of Assistant Director, Evaluations(Contractual) IDOL, G.U. vide Advt. No.IDOL/NTS/2/2013.

Dear Mr. Sarma,

I am glad to inform you that you are selected for appointment to the post of **Assistant Director, Evaluations(Contractual) IDOL**, Gauhati University, Guwahati under the following terms and conditions :

1. Name of the post : **Assistant Director, Evaluations (Contractual),IDOL.**
2. Nature of the post : The post is temporary and will run concurrently with existence of IDOL. Further, the terms and tenure of appointment will be governed by the terms and conditions of the IDOL's contractual appointment.
3. Pay Band & AGP : Rs. 15600-39100, AGP Rs. 5,400/-
4. Initial salary : Band Pay Rs. 15600/-, AGP Rs. 5,400/- plus other allowances as per G.U. Rules
5. Probation : This appointment is made on probation for a period of one year from the date of joining. However the appointing authority shall have the power to extend the period of probation. At the end of the probationary period, your appointment will be considered as per Sl. No. 2 above.
6. Leave and vacation : Leave and vacation will be governed by the rules in force at the University and IDOL.
7. Duties and responsibility : As prescribed by IDOL and accepted by University and also as may be prescribed by authority of the University from time to time.
8. Traveling allowances : No Traveling allowances will be provided for joining the post.


U. C. Das
Registrar
Gauhati University, Guwahati-14

9. Termination of service

During the probationary period, this appointment may be terminated by giving in writing one month's notice on either sides. The appointing authority shall however, have the power to terminate the service without notice and without any reason being assigned during the period of probation. The service will automatically stand terminated in terms of Sl. No. 2 above of this letter.

10. Medical examination

You will required to submit a physical fitness from the Chief Medical Officer of the University within 10 days from the date of the joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.

11. Verification of Certificate

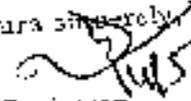
You will be required to produce your original degree and diploma and other certificates at the time of your joining along with a photocopy of certificate of HSLC/ H S Examination in support of your age.

You are requested to inform the undersigned within 15(fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join your duties at the University. If no definite reply is received within the specified time, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining.

After joining you are also requested to report for duty to the undersigned through the Director, IDOL, G.U.

With best wishes,

Yours sincerely,

Registrar,
Gauhati University

Date _____

Memo No. GU/Est./OCR/IDOL/Asstt.Direc./2013/
Copy forwarded for information and necessary action to:

1. The Treasurer, G.U.
2. The Director, IDOL, G.U. with a request to send copies of joining report to the Treasurer, G.U. Statistician, G.U. and this office.
3. The Joint Secretary, University Grant Commission, Bahadur Shah Zafar Marg, New Delhi-110002
4. The Chief Medical Officer, G.U. Hospital.
5. Person concerned
6. The concerned file


Registrar,
Gauhati University

14/5/13

**OFFICE OF THE REGISTRAR : GAUHATI UNIVERSITY : GUWAHATI-14
PERSONNEL DEPARTMENT (ESTABLISHMENT BRANCH)**

Ref. No. GU/Estt./OCR/IDOL/Asstt.Direc./2013/1898

Date 19/5/13

From : U.C. Das, M.Sc., DCO, MBA
Registrar,
Gauhati University

To : Mr. Dipankar Saikia
C/O Dr. Barnali Choudhury
IDOL, G.U.
Guwahati-14

Sub. : **Recruitment to the post of Editor, Study Materials (Contractual) IDOL, G.U.**

Ref.: Your application dtd. 09.12.10 and interview dated 15.03.2013 for the post of Editor, Study Materials (Contractual) IDOL, G.U. vide Advt. No.IDOL/NTS/1/2013.

Dear Mr. Saikia,

I am glad to inform you that you are selected for appointment to the post of **Editor, Study Materials (Contractual) IDOL, Gauhati University, Guwahati** under the following terms and conditions :

- | | | | |
|----|---------------------------|---|--|
| 1. | Name of the post | : | Editor, Study Materials (Contractual), IDOL |
| 2. | Nature of the post | : | The post is temporary and will run concurrently with existence of IDOL. Further, the terms and tenure of appointment will be governed by the terms and conditions of the IDOL's contractual appointment. |
| 3. | Pay Band & AGP | : | Rs. 15600-39100, AGP Rs. 5,400/- |
| 4. | Initial salary | : | Band Pay Rs. 15600/-, AGP Rs. 5,400/- plus other allowances as per G.U. Rules |
| 5. | Probation | : | This appointment is made on probation for a period of one year from the date of joining. However the appointing authority shall have the power to extend the period of probation. At the end of the probationary period, your appointment will be considered as per Sl. No. 2 above. |
| 6. | Leave and vacation | : | Leave and vacation will be governed by the rules in force at the University and IDOL. |
| 7. | Duties and responsibility | : | As prescribed by IDOL and accepted by University and also as may be prescribed by authority of the University from time to time. |
| 8. | Traveling allowances | : | No Traveling allowances will be provided for joining the post. |


U.C. Das
Registrar
Gauhati University, Guwahati-14

9. Termination of service : During the probationary period, this appointment may be terminated by giving in writing one month's notice on either sides. The appointing authority shall however, have the power to terminate the service without notice and without any reason being assigned during the period of probation. The service will automatically stand terminated in terms of Sl. No. 2 above of this letter.
10. Medical examination : You will required to submit a physical fitness from the Chief Medical Officer of the University within 10 days from the date of the joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
11. Verification of Certificate : You will be required to produce your original degree and diploma and other certificates at the time of your joining along with a photocopy of certificate of HSLC/ HS Examination in support of your age.

You are requested to inform the undersigned within 15(fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join your duties at the University. If no definite reply is received within the specified time, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining.

After joining you are also requested to report for duty to the undersigned through the Director, IDOL, G.U.

With best wishes,

Yours sincerely,


Registrar,
Gauhati University

Date _____

Memo No. GU/Batt/OCR/IDOL/Asstt.Direc./2013/

Copy forwarded for information and necessary action to :

1. The Treasurer, G.U.
2. The Director, IDOL, G.U. with a request to send copies of joining report to the Treasurer, G.U. Statistician, G.U. and this office.
3. The Joint Secretary, University Grant Commission, Bahadur Shah Zafar Marg, New Delhi-110002
4. The Chief Medical Officer, G.U. Hospital.
5. Person concerned
6. The concerned file


Registrar,
Gauhati University

Date _____

OFFICE OF THE DIRECTOR, INSTITUTE OF DISTANCE AND OPEN LEARNING,
GAUHATI UNIVERSITY, GUWAHATI-14

Memo No: IDOL/12(A)/2015 / 2054 - 58 Date: 3/3/2015

To,

Rabindra Sarma
C/O Chandan Goswami,
HOD, Dept. of
Communication and Journalism,
Gauhati University,
Guwahati-781014

Sub: Appointment for the post of Personal Assistant to the Director in the Gauhati University, Institute of Distance and Open Learning.

Ref: Your Application & Personal interview dated 28/02/2015 for the Post of Personal Assistant to the Director, GU IDOL vide Adv. No. IDOL/AC- NTS/1/2014 dated 30/4/2014 and Vice Chancellor's approval dated 3/3/2015.

Dear Mr Sarma,

I am glad to inform you that you are selected for appointment to the Post of Personal Assistant to the Director, GU IDOL, Guwahati under the following terms & conditions.

- | | | | |
|----|-------------------------|---|---|
| 1. | Name of the Post | : | Personal Assistant to the Director, GU IDOL. |
| 2. | Nature of the Post | : | The post is temporary and will run concurrently with existence of IDOL. Further, the terms & tenure of appointment will be governed by the terms and conditions of the GU IDOL's contractual appointment. |
| 3. | Pay Band & AGP | : | Rs 8000-35000, AGP Rs. 4,500/-. |
| 4. | Initial Salary | : | Band Pay Rs. 8000, AGP Rs. 4,500 + other allowances as per GU rules. |
| 5. | Probation | : | This appointment is made on probation for a period of one year from the date of joining. However, the appointing authority shall have the power to extend the period of probation. At the end of the probationary period, your appointment will be considered as per sl. No: 2 above. |
| 6. | Leave & Vacation | : | Leave and Vacation will be governed by the rules in force at the University and GU IDOL. |
| 7. | Duties & Responsibility | : | As prescribed by IDOL and accepted by University and also as may be prescribed by authority of the University from time to time. |
| 8. | Travelling Allowances | : | No travelling allowances will be provided for joining the post. |


Registrar
Gauhati University, Guwahati-14

Termination of service :

During the probationary period, this appointment may be terminated by giving in writing one month's notice on either sides. The appointing authority shall however, have the power to terminate the service without notice and without any reason being assigned during the period of probation. The service will automatically stand terminated in terms of Sl. No: 2 above.

10. Medical examination :

You will be required to submit a physical fitness from the Chief Medical Officer of the University within 10 days from the date of joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.

11. Verification of Certificate :

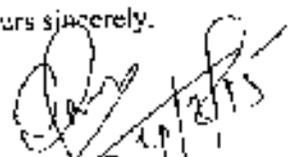
You will be required to produce your original degree and diploma and other certificates at the time of your joining along with the photocopy of certificate of HSLC/HSS Examination in support of your age.

You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join your duties at the University. If no definite reply is received within the specified time it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are requested to submit your joining report in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining.

With best wishes,

Yours sincerely,

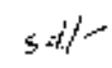

(Kandarpa Das)
Director, GUIDOL

Date: 4/3/2015

Memo No: IDOL/12(A)/2015/ 2059-58

Copy to:

1. Registrar, GU
2. O/S Gen. Administration, GUIDOL
3. O/S Accounts, GUIDOL
4. Person Concerned
5. Office File


(Kandarpa Das)
Director, GUIDOL



OFFICE OF THE REGISTRAR : GAUHATI UNIVERSITY : GUWAHATI-781014
PERSONNEL DEPARTMENT (ESTABLISHMENT BRANCH)

Ref No: GU/Estt/OCR/IDOL/10/2017/1898

Date: 3.7.17

From: Dr. S. K. Nath, M.A., Ph.D.
Registrar
Gauhati University

To: Mr. Chandan Saikia
C/o- Jaigeswar Saikia
573, Naga Banga Road
Dis: Golaghat (Assam)
Pin- 785621

Sub: Appointment to the Post of System Analyst at Institute of Distance and Open Learning, Gauhati University

Ref: Your application dated 12.01.2017 and Personal Interview dated 13.05.2017 for the posts of System Analyst at Gauhati University IDOL vide advertisement no IDOL/NTS/2/2017 dated 06.01.2017

Dear Mr. Saikia,

I am glad to inform you that you are selected for appointment to the post of System Analyst at Gauhati University Institute of Distance and Open Learning (GUIDOL) under the following Terms and Conditions:

- | | |
|-------------------------------|---|
| 1. Name of the Post: | System Analyst, Gauhati University IDOL |
| 2. Nature of the Post: | The post is temporary and will run concurrently with existence of GUIDOL. Further, the terms of appointment will be governed by the terms and conditions of the IDOL's contractual appointment. |



Registrar
Gauhati University, Guwahati-14

- 3. Pay Scale of the Post:** Rs. 12,000-40,000 + Grade Pay of Rs. 5400/- (PB-4)
- 4. Initial Salary:** As per G.U. Rules.
- 5. Probation:** This appointment is made on probation for a period of one year from the date of joining. However, the appointing authority shall have the power to extend the period of probation. At the end of the probationary period, your terms will be considered as per serial number 2 (two) above.
- 6. Leave and Vacation:** Leave and Vacation will be governed by the rules in force at the University.
- 7. Duties and Responsibility:** As prescribed by the IBOL, GU and accepted by University and also as may be prescribed by authority of the University from time to time.
- 8. Travelling Allowances:** No Travelling Allowances will be provided for joining this post.
- 9. Termination of Service:** During the probationary period, this appointment may be terminated by giving in writing one month's notice on either side. The appointing authority shall however have the power to terminate the service without notice and without any reason being assigned during the period of probation. Your services will automatically stand terminated in terms of serial number 2 (two) above.
- 10. Medical Examination:** You will be required to submit a physical fitness certificate from the Chief Medical Officer of the University within 10 (ten) days from the date of joining. Till receipt of the fitness certificate your joining the University will be provisional. If you are not medically fit for the post, this offer will be withdrawn.
- 11. Verification of Certificate:** You will be required to produce your original Degree and Diploma and other certificates at the time of your joining along with a photocopy of certificates of HSLC/HS Examination in support of your age.

You are requested to inform the undersigned within 15 (fifteen) days from the date of issue of this appointment letter whether you are willing to accept the offer on the terms and conditions mentioned above and when you may be expected to join in your duties at the University. If no definite reply is received within the specified time from your end, it will be presumed that you are not interested in the offer of the post and the offer will be treated as withdrawn.

You are also requested to submit your 'Joining Report' in the prescribed format to the undersigned and submit the attestation forms duly filled in, in duplicate which is attached herewith at the time of your joining.

After joining you are also requested to report for duty to The Director, Institute of Distance and Open Learning, Gauhati University

With best wishes.

Yours sincerely

Registrar
Gauhati University
Date: _____



GAUHATI UNIVERSITY

File No. Office/Department/Branch.

Subject	Notes & Orders
---------	----------------

Memo No.

Date.

OFFICE ORDER

In pursuance to the IDOL Core Committee Resolution No. 1 dated 24-02-2009, subsequently approved by the Hon'ble Vice Chancellor dated 18-03-2009, the contractual appointment of the following IDOL employees has been renewed for a period of 5 (five) years w.e.f. 04-04-2009 and their pay are revised as follows:

		Pay	D/Pay	IR	HRA	MA	CCA	Total
1	Manali Kashyap (Accl. Asst)	Rs. 4400/-	+ 2200/-	+ 1100/-	+ 528/-	+ 350/-	+ 50	= Rs. 8628/-
2	Ketu' Bara (Off. Asst)	Rs. 4400/-	+ 2200/-	+ 1100/-	+ 528/-	+ 350/-	+ 50	= Rs. 8628/-
3	Tarun Baishya (Off. Asst)	Rs. 4400/-	+ 2200/-	+ 1100/-	+ 528/-	+ 350/-	+ 50	= Rs. 8628/-
4	Hiren Das (Off. Asst)	Rs. 4400/-	+ 2200/-	+ 1100/-	+ 528/-	+ 350/-	+ 50	= Rs. 8628/-
5	Pradip Kumar Baishya (Peon)	Rs. 2770/-	+ 1385/-	+ 693/-	+ 332/-	+ 350/-	+ 50	= Rs. 5580/-
6	Moti Ram Kalita (Peon)	Rs. 2770/-	+ 1385/-	+ 693/-	+ 332/-	+ 350/-	+ 50	= Rs. 5580/-

In addition to the above they will also be eligible for Dearness Allowance and annual increment as per CG norms.

The other terms and conditions of the Contractual appointment approved by the Executive Council vide its Resolution No. 24/67 dated 18-05-71 shall remain unchanged.

Date: April 03, 2009

S/L.
(Kandarpa Das)

Memo No. IDOL/Gen.Fall/13/2009/10735-44

Dated April 03, 2009

Copy to:

1. Superintending Officer, Administration IDOL, GU
2. Superintending Accounts, IDOL, GU
3. Person concerned
4. Office file

10/04/09
 ১৩/০৪/০৯
 Registrar
 Gauhati University, Gauhati-781005

(Kandarpa Das)



দূৰ আৰু মুক্ত শিক্ষা প্ৰতিষ্ঠান
Institute of Distance and Open Learning
 গুৱাহাটী বিশ্ববিদ্যালয়
GAUHATI UNIVERSITY

Tel: 0361-2673728, 2676791, 2676804

Fax: 0361-2575887

ড. কন্দৰ্প দাস
 সঞ্চালক
 Dr. Kandarpa Das
 Director

E-Mail: kandarpad@rediffmail.com; director@idolgu.org

OFFICE ORDER

This is for information of all concerned that as per recommendation of the IDOL Core-Committee meeting held on 27.10.09 and subsequent approval of the Hon. Vice Chancellor, G.U. dt. 13.11.09 Sri Tarun Chandra Kalita, Retired Asst. Superintendent, office of the Secretary, University Classes, G.U. is engaged as Assistant Supervisor, General Administration in the Institute of Distance and Open Learning, G.U. w.e.f. 16.11.09 for a period of one year from the date of joining on a consolidated pay of Rs. 5000/- per month.

sd/---
 Director
 IDOL, GU

Memo no. IDOL/12/2009/ 6/94-97

Dr. 14/11/09

1. O/S (Gen. Admn) IDOL, GU
2. O/S (Accounts), IDOL, GU
3. Person Concerned
4. Office File


 গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
 Registrar
 Gauhati University, Guwahati-14


 Director
 IDOL, GU
 14/11/09



असम ASSAM

D 346759



Serial No... 335
Dated... 20/9/17

Chiridul Hazarika
VICE-CHANCELLOR
GAUHATI UNIVERSITY

BEFORE THE NOTARY PUBLIC, KAMRUP (M) AT GUWAHATI

AFFIDAVIT

I, Dr. Mridul Hazarika Vice-Chancellor of Gauhati University, Gopinath Bardoloi Nagar, Jalukbari, Guwahati-781014, Assam do hereby solemnly affirm and declare as under:

1. That University namely Gauhati University wish to apply for the recognition of programmes to be offered under Open and Distance Learning mode with effect from July, 2018.
2. I have fully understood the clauses, terms and conditions as stipulated in the University Grants Commission (Open and Distance Learning) Regulations, 2017.

L. Sharma
NOTARY
Laxmi Sharma
Regd. No. KAM 19

Contd.....

20 SEP 2017

3. That University is eligible in all respect to apply to UGC to offer education through open and distance learning mode as per UGC (ODL) Regulations, 2017.
4. That University has submitted the proposal as per the UGC (ODL) Regulations, 2017.
5. That University has submitted the proposal ONLINE in the prescribed format and has also submitted duly certified three hard copies of the proposal along with all the annexures, within the specified period, to UGC.
6. That the University has been offering education through open and distance learning mode with the approval of UGC /Erstwhile DEC and has not violated any of the terms and conditions as stipulated in the approval/recognition letter No. F.No.-3-1/2016 (DEB-V) dated September 12, 2016 and norms issued by the relevant/concerned statutory bodies time to time.
7. That the University shall scrupulously abide by UGC (ODL) Regulations, 2017 while imparting education through open and distance learning mode after getting the approval of UGC.
8. That all the information given by the University in the proposal submitted to UGC is complete, true and correct.
9. That I am fully aware of the consequences, if the University fails to abide by UGC (ODL) Regulations, 2017.

Arvind Hazare
VICE - CHANCELLOR
GAUHATI UNIVERSITY
GUWAHATI - 781 014



L. Sharma
NOTARY
Laxmi Sharma
Regd. No. KAM 19

Contd.....

20 SEP 2017

10. That I am fully aware that in case any information, documentary evidence submitted/produced by the University is found to be false or fake at later stage, the recognition of University shall be withdrawn along with other punitive measures mentioned in UGC (ODL) Regulations, 2017. The University concerned shall be solely responsible for the career consequences, if any arising out of the same.

Arindam Hazarika



Arindam Hazarika
DEPONENT
VICE - CHANCELLOR
GAUHATI UNIVERSITY
GUWAHATI - 781 014

Solemnly Affirmed & Identified
Before me on Identification

L. Sharma
Laxmi Sharma
Notary, Kamrup (M)
Regd. No. KAM 19

20 SEP 2017

Verification:

I, the above named deponent do here by verify on ^{20th} day of September, 2017 at Guwahati that the content mentioned above are correct and true statement.

Identified by
Adv. Porinita Sarma
20/09/2017



Arindam Hazarika
DEPONENT
VICE - CHANCELLOR
GAUHATI UNIVERSITY
GUWAHATI - 781 014

Solemnly Affirmed & Identified
Before me on Identification

L. Sharma
Laxmi Sharma
Notary, Kamrup (M)
Regd. No. KAM 19

L. Sharma
NOTARY
Laxmi Sharma
Regd. No. KAM 19

20 SEP 2017

20 SEP 2017

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**GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING**

Programme Project Report (PPR)

PPR ID : GU/GUIDOL/PPR/23 (Total no. pages : 28)

Programme: Bachelor in Computer Application (BCA)

1. Programme Mission and Objective:

The mission of the Programme is *"to provide quality higher education, develop technical and managerial skills that enable learners to understand the impact of technological changes and also appreciate the usage of Computer Science and Information Technology in academics, business and industry."*

Objectives of the Programme:

- *to open a channel of admission for computing courses for learners, who are interested in taking Computer Science/Information Technology as a career,*
- *to provide a substantial understanding of concepts in key areas of computer science,*
- *to develop and promote technical skills needed to design, implement and test solutions in the field of Computer Science/Information Technology,*
- *to help learners acquire professional competence in developing software and its design and implementation.*

2. Relevance of the Programme with HEI's Mission and Goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the department of computer Science, Gauhati University was established in the year 1985 with an objective to produce computer science and IT professionals for software industries, research and educational institutions and other organizations in India and abroad, so as to enhance employment and association of the new generation in these fields and related areas. The courses and programmes in the colleges (affiliated to Gauhati University) under the computer science department are


গোহাটী বিশ্ববিদ্যালয়
গোহাটী বিশ্ববিদ্যালয়
Registrar
Gauhati University, Guwahati-781005

- Major Course in Computer Science
- General Course in Computer Science
- Vocational Course in Computer Application
- Vocational course in Information Technology
- BCA
- BSc-IT
- PGDCA
- Certificate Course in Computer Application(Six Months)

Keeping in view the motto of “*Quality Higher Education For All*”, Bachelor in Computer Application (BCA) to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in computer science and information technology to those aspiring candidates who are deprived of higher education due to various serious and unavoidable circumstances. Moreover, to keep the quality intact the curriculum and syllabus has been designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of Gauhati University.

3. Nature and Target Group of Learners:

Our target group includes:

- (1) those who are deprived of admission in the conventional mode due to limited intake capacity,
- (2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder ,
- (3) drop-outs primarily due to social , financial and economic compulsions as well as demographic factors,
- (4) job seekers.

4. Appropriateness of the Programme to be Conducted in the ODL Mode for Acquiring Specific Skills and Competence:

The BCA programme to be offered through ODL mode will have certain learning outcomes. This programme will help the learners

- to function effectively in this dynamic technological era,
- to enhance and develop their technical knowledge for understanding and finding solution to the real world problems,

- in designing databases and managing them, and to acquire sound knowledge in software engineering and web-based applications,
- by giving educational opportunity to go for Master's Programme at any other university/institute,
- to make themselves fit to embrace the future developments and retaining professional relevance.

5. Instructional Design:

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department and ODL mode of Gauhati University, keeping in view the needs of the diverse class of learners.
- b) **Detailed Syllabus:** Please refer to Enclosure-I.
- c) **Duration of the Program:** Minimum 3(three) years. However, the learners are required to complete the course within 6 (six) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in 6 (six) semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counseling/regular classes for both theory and practical will be held in various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional delivery mechanism. The progress of the learners will be assessed periodically. At the end of each semester, learners' performance will be evaluated by Term/Semester-end examination.
- e) **Faculty:**
- i. **Full Time**
1. Dr. Ridip Dev Choudhury, MSc (Comp. Sc), PhD – Course Coordinator cum Assistant Professor, GUIDOL
 2. Dr. Khurshid Alam Borbora, MSc (Comp. Sc), PhD - Assistant. Professor, GUIDOL
 3. Mr. Swapnanil Gogoi, MSc (Comp. Sc) - Assistant. Professor, GUIDOL
 4. Mrs. Pallavi Saikia, MSc (Comp. Sc) - Assistant. Professor, GUIDOL
 5. Mr. Hemanta Kalita, MSc (IT), M.Tech. - Assistant. Professor, GUIDOL
 6. Mrs. Rita Chakraborty, MSc (IT) - Assistant Professor, GUIDOL

- ii. Resource persons are drawn from amongst teachers of affiliated colleges, researchers, faculty members of the Department of HEI and from corporate sector for this programme.
- f) **Media:** Print Media, ICT enabled tools, Multi-Media and e-Learning Portal.
- g) **Student Support Services:** In order to successfully execute this programme, there are a wide range of support services. The various support services are listed as below:
- i. **Network of Study Centres:** To assist its learners in ODL mode the University has established 96 study centres (list enclosed) throughout the State of Assam and but within its territorial jurisdiction.
 - ii. **State of the art Library:** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
 - iii. **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. This portal provides the following services to the learners:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
 - Online Study Material
 - Old Examination Question Papers

- iv. **Dynamic Website (www.idolgu.in):** For ODL learners, the University have a separate website, www.idolgu.in, where one can get all the information regarding ODL programmes, up-coming events, examination results etc.
- v. **Computerised Admission Process with Provision of Online Admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners and can be accessed through www.idolgu.in.
- vi. **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the headquarter complex during all working days. Learners may walk-in to the designated counselling room and meet their teachers to clarify their doubts.
- vii. **Personal Contact Programme (PCP):** In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii. **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum Transaction and Evaluation:

Admission: The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. To get admission to this programme, a student must have passed 10+2 in any stream or should complete 3 years Polytechnic Diploma. The proposed fee for admission is Rs 8000.00 (Eight Thousand only) per semester. Financial Assistance is provided to the learners belong to SC/ST and OBC category in the form of scholarship. A Few learners

belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice-Chancellor

Curriculum Transaction- The curriculum will be transacted throughout the year as per the following activity planner:

- Regular Counseling/Classes/Practicals will be carried out for minimum of 4 (four) months per semester.
 - a) For odd semesters classes will start from the month of March and end by June every year and
 - b) For even semesters classes will start from the month of October and end by January every year.
- Regarding the classes related to theory and practical courses/papers,
 - a) One theory class, of one hour duration, for each course/paper will be conducted in a week.
 - b) one practical class, of two hours duration, for each course/paper with practical component will be conducted in a week.
- For slow-learners, few remedial classes/counseling will be conducted as necessary.

Evaluation: Each course/paper will carry 100% weightage for the term/semester-end examinations. In order to pass/clear a course/paper, a candidate must secure minimum 35% marks in case of theory course/paper and 40% marks in practical as well as in the final project. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of Gauhati University.

7. Requirement of the laboratory support and Library Resources:

The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners

can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

For conducting theory and practical classes, there are 2 (two) Digital Classrooms and 2 (two) Computer Laboratories with the following facilities available at HQ:

	Item	Quantity
Computer Lab 1	Desktop Computer	55
	LCD Overhead Projector	1
	Document Scanner with Overhead Projector	1
	40 inch LED TV for parallel display with the LCD projector	1
	Smart Board	1
	Sound System with Lapel Connectivity	1 Set
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Computer Lab 2	Desktop Computer	22
	55 inch LED TV used for projection	1
	Split AC	2
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Digital Classroom 1	Intake Capacity	64
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	3
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Digital Classroom 2	Intake Capacity	100
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	

It is also mandatory for all Study Centres offering BCA and related programmes to have similar facilities.

8. Estimated cost of the Programme: total estimated cost of the programme is approximately Rs. 55 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of three years.

9. Quality assurance Mechanism and Expected Programme outcome:

- **Quality assurance Mechanism:** GUIDOL has an Internal Quality Assurance Cell constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute.
- **Expected Programme outcome:** The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below:

Course Benchmark Statement: Bachelor Degree in Computer Application shall be awarded to those learners who demonstrate:

- essential knowledge in each functional area of Computer Science and Information Technology,
- technical knowledge for understanding and finding solution to the real world problems,
- professional competence in developing software and in its design and implementation,
- concept of new software technologies and extend their theoretical knowledge in specific areas of interest in academia and the industry.

Enclosure-I

Syllabus

SEMESTER-I

Course No	Paper Name	Credit
ITOL-111	Fundamentals of Computer	3
ITOL-112	Digital Systems	3
ITOL-113	Communicative English	2
ITOL-114	Mathematics –I	3
ITOL-119	Laboratory (DOS and UNIX commands and Office Automation)	4

SEMESTER -II

Course No	Paper Name	Credit
ITOL-121	Introduction to Programming using C	3
ITOL-122	Environmental Studies	3
ITOL-123	Mathematics II	3
ITOL-126	Computer Based Accounting and Financial Management	3
ITOL-129	Laboratory (ITOL-121)	4

SEMESTER -III

Course No	Paper Name	Credit
ITOL-124/211	Computer Organization and Architecture	3
ITOL-212	Data Structure using C	3
ITOL-213	Operating System	3

ITOL-214	System Analysis & Design	3
ITOL-218	Laboratory(ITOL-212)	4

SEMESTER- IV

Course No	Paper Name	Credit
ITOL-226	Numerical Analysis	3
ITOL-223	Database Management System	3
ITOL-224	Computer Network & Internet	3
ITOL-225	OOP using C++	3
ITOL-228	Laboratory (ITOL-223+ ITOL-225)	4

SEMESTER-V

Course No	Paper Name	Credit
ITOL-311	Computer Hardware & System Administration	2
ITOL-312	Programming in JAVA	3
ITOL-313	Web Technology	2
ITOL-314	E Commerce	3
ITOL-318	Laboratory(ITOL-311)	2
ITOL-319	Laboratory(ITOL-312+ ITOL-313)	4

SEMESTER VI

Course No	Paper Name	Credit
	Elective – I	3
	Elective – II	3
ITOL-325	Project	6

Courses for Electives:

ITOL-501: Artificial Intelligence

ITOL-502: Data Mining

ITOL-503: E-Learning Technologies

ITOL-504: Object Oriented Design using UML

ITOL-505: Software Engineering

ITOL-506: Advanced Web Technology

Detail Syllabus:

SEMESTER – I

ITOL-111: FUNDAMENTALS OF COMPUTER

Full Marks: 100

What is Computer and its History, Generation of Computers, Classification of Computers; Components of a Digital Computer: CPU, Memory, I/O devices; Storage Devices, Backup System and its use.

What is Computer Software and its need, Types of Computer Softwares; Computer languages, Generation of Computer Languages, Classification of Computer Languages; Computer Viruses.

ITOL-112: DIGITAL SYSTEMS

Full Marks:100

Digital Computers and Digital Systems, Binary Numbers, Number Base Conversion, Octal and Hexadecimal Numbers, Complements, Binary Codes, Binary Storage and Registers, Binary Logic, Integrated Circuits

Boolean Operators, Boolean Algebra and its Rules, Dual and Complement of Boolean Expression, Sum of Product and Product of Sum, Conversion between Boolean Expression and Truth Table, Boolean Expression and their Simplification by Algebraic Method, Karnaugh Map.

Half Adder, Full Adder. Decoder, Encoder, Multiplexer, Demultiplexer.

Flip-Flops and its different types and Registers.

ITOL-113: COMMUNICATIVE ENGLISH

Full Marks:100

Scope and Meaning of Communication; Essentials of Good Communication- Listening and Reading Skills, Difference between the Spoken and the Written Form, Verbal and Non-Verbal Communications, Gestures and Body Language, Formal and Informal Communication; Levels of Communication - Upward/Downward/Horizontal Communication, Barriers of Communication.

Mechanisms of Effective Oral Communication- How to Speak a Language clearly, fluently and naturally; Pronunciation, Difference between Spelling and Pronunciation, Everyday Conversation (with elders, friends, strangers etc.); Group Discussion and Facing an Interview Board; Public Speaking(Addressing a Meeting, Debate etc.), Practical Exercises.

Mechanisms of Effective Written Communication – Punctuation, Sequencing of Ideas, Building Paragraph/Body, a Good Introduction and Conclusion; Word Buildings, Making Sentences from Phrases and Idioms; Writing and Presentation of Reports; Writing Notes, Memos and Short Notes; Writing Letters for Business and Office Use; Writing Complaints; Placing Orders ; Summery Writing.

Extensive Oral and Written Examples of various kinds of English used in the field of Science and Technology.

ITOL-114: MATHEMATICS –I

Full Marks: 100

Sets, Relations and Functions

Sets, relations, properties of binary relations, closures of relation, equivalence relations, equivalence classes and partitions. Partial ordering relations and lattices. Functions, one to one and onto, principles of mathematical induction.

Sequence and Series

Sequence of Real Numbers, Bounded Sequences, Convergent and Non-Convergent Sequences, Uniqueness of the Limit and Bounds of a Convergent Sequence, Cauchy Sequence, Cauchy's General Principle of Convergence (proof of the necessary part only), Subsequences, Convergence and Divergence of Monotonic Increasing and Decreasing Sequences, Algebraic Operations on Limit (statements of the theorems without proof), Infinite Series, Statements of Basic Properties of Infinite Series (without proof). Absolute and Conditional Convergence, Some useful test for Convergence and Divergence: Comparison Test, D'Alemberts Ratio Test.

Matrices

Row and column operations, vectors and matrices, partitioning of matrices, representing relations using matrices, Determinant of a square matrix, minor, cofactor, the Cayley Hamilton theorem, inverse of a matrix, product form of inverse. Rank of a matrix. Solutions of simultaneous linear equations, existence of solutions, solution by Gaussian elimination, Eigen values and Eigen vectors.

Trigonometry

Geometrical Representation of Complex Numbers- the Argand Plane, Polar Form of a Complex Number, Modulus, Amplitude and their various properties, De Moivre's Theorem and its Application, Expansion of $\cos(x)$, $\sin(x)$ and $\tan(x)$ in Positive Integral Powers of x

ITOL-119: Laboratory (DOS and UNIX commands and Office Automation)

Full Marks:100

DOS commands

UNIX commands

MS-Word, MS-PowerPoint, MS-Excel, MS-access

SEMESTER – II

ITOL-121: Introduction to Programming using C

Full Marks:100

Algorithm, Flowchart, Pseudo Code.

Structure of a C program, Tokens, Storage Classes (Automatic, External, Static, Register), Variables, Constants and Identifiers, Syntax and Semantics Error.

Data types, Initialization of Variable during Declarations, Operators in C and their Precedence.

Conditional Statements: if, if-else, switch Iterative Statements: while, do-while, for

Other Statements: break, continue, goto, return

What is Arrays, One Dimensional Array and Two-Dimensional Array, Declaration of Arrays, Operations on Arrays.

Function: Function Declaration and Definition, Parameters, Actual Parameter, Formal Parameter. Calling a Function: Call by Value, Call by Address. Passing an Array to a Function, Recursive Function.

What is Pointer, Declaration of Pointer Variables, Operations using Pointer Variables.

Structure and Union, Declaration, Operations using Structure.

ITOL-122: ENVIRONMENTAL STUDIES

Full Marks:100

The Multidisciplinary nature of environmental studies

Definition, Scope and Importance, Need for Public Awareness.

Natural Resources

Renewable and Non-Renewable Resources, Natural Resources and Associated Problems (Forest Resources, Water Resources, Mineral Resources, Food Resources, Energy Resources, Land Resources), Role of an Individual in Conservation of Natural Resources.

Ecosystems

Definition , Structure and Function of and Ecosystem, Producers, Consumers and Decomposers , Energy Flow in the System , Ecological Succession , Food Chains, Food Webs and Ecological Pyramids and its types, Characteristic Features, Structure and Function of the different Ecosystem(Forest Ecosystem, Grassland Ecosystem, Desert Ecosystem, Aquatic Ecosystem: Ponds, Streams, Lakes, Rivers, Oceans, Estuaries etc.)

Biodiversity and its conservation

Definition, Genetics, Species and Ecosystem Diversities, Bio-geographical Classification of India, Value of biodiversity (consumptive use, productive use, social, ethical, aesthetic and option values) , Biodiversity at global, national and local level, India as a mega-diversity nation, Hot-spots of biodiversity ,Threats to biodiversity(habitat loss, poaching of wild life, man-wild-life conflicts) , Endangered and endemic species of India.

Conservation of biodiversity (In-situ and ex-situ conservation of biodiversity)

Environmental pollution

Definition, Causes, effects and control measure of different environmental pollution (air pollution, water pollution, soil pollution, marine pollution, noise pollution, thermal pollution, nuclear pollution).Solid waste management (Causes, effects and control measures of urban and industrial waste).Role of individual in prevention of pollution, Pollution case studies.

Disaster management (floods, earthquake, cyclone and landslides).

Social issues and the Environment:

Urban problems related to energy, Water conservation, rain water harvesting, watershed management, Resettlement and rehabilitation of people, its problem and concern, case studies.

Environmental ethics (issues and possible solutions, Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, case studies), Waste land reclamation, Consumerism and waste product, Environment protection acts.

Air (prevention and control of pollution) acts, Wild life protection act, Forest conservation act, Issues involved in enforcement of environmental legislation, public awareness.

Human population and the environment

Population growth, variation among nations, Population explosion- family welfare programme, Environment and human health, Human rights, Value education, HIV/ AIDS Women and child welfare, Role of information technology in environment and human health, Case studies

ITOL-123: MATHEMATICS – II

Full Marks:100

Mathematical Statistics:

Collection of data, frequency distribution, measures of central tendency Mean, Media Mode, Mean Deviation, Standard Deviation and Dispersion, Skewness .Basic concept of Probability, Properties of probability, conditional probability. Baye's Theorem,Concepts

on Discrete and Continuous random variables and Binomial distribution , Poisson distribution and Normal distribution and its properties.

Differential Calculus

Concept of Limits, Continuity and Differentiability, Differentiation, Rolle's Theorem and its Applications, Lagrange's Mean Value Theorem and its Applications and Taylor's Theorem. Partial Derivatives, Indeterminate Forms, Maxima and Minima for single and two Variables, Lagrange's Multiplier.

Integral Calculus

Elementary Methods and Properties of Integration, Definite Integrals and its Properties, Concept of Indefinite Integral, Application of Integral Calculus(length, area, volume), Idea of Multiple Integrals Fourier Series.

ITOL-126: Computer Based Accounting and Financial Management

Full marks: 100

Accounting:

Definition, function, uses, objectives, limitations. Double entry system of accounting, introduction of basic books of accounts of sole proprietary concern, control accounts for debtors and creditors, closing of books of accounts and preparations of trial balance. Capital and revenue items. Application of computers in accounting. Meaning and Nature of Financial Accounting, Scope of Financial Accounting, Financial Accounting & Management Accounting, Accounting procedure used for recording cash, Bank and journal transactions using appreciate vouchers, Introduction to ledger accounting, Cash Book, Journal and bank account . Trading Profit and Loss account and balance sheet.

Financial statement analysis:

Ratio analysis, Funds flow analysis, concepts, uses, Preparation of funds flow statement, simple problem, Cash flow analysis, Concepts, uses, preparation of cash flow statement, simple problem.

Costing :

Nature, importance and basic principles, budget and budgetary control, nature and scope, importance, method of finalization of master budget and functional budgets. Nature ,scope and importance of marginal and standard costing.

Break-even analysis. Its uses and limitations, construction of break even chart , practical application of marginal costing. Computation and analysis of variances with reference to material cost, labour cost and overhead cost. Interpretation of the variances.

Inventory valuation :

Objectives, Introduction to FIFO, LIFO & Weighted Average method of inventory valuation, Valuation of inventory on balance sheet date, inventory accounting and control, Introduction to stocks & shares, Concept of cost of capital, introduction, importance, explicit & implicit cost, Measurement of cost of capital, cost of debt. Theory of working capital: Nature and concepts

ITOL-129: PRACTICAL-II**Full Marks:100****SEMESTER -III****ITOL-124/211: COMPUTER ORGANIZATION AND ARCHITECTURE****Full Marks:100**

Functional Units of a Computer, Basic Instructions, Interconnection of Functional Units, Bus Structure, Memory Locations, Memory Addresses, Memory Operations, Instruction and Instruction Sequencing (Straight Line Sequencing and Branching), Addressing Modes, Introduction to Assembly Language, Stack, Subroutine, I/O instructions.

Introduction, Inter Register Transfer, Arithmetic Micro-operation, Logic Micro-operation, Shift Micro-operation, Conditional Control Statements, Fixed Point Binary Data, Instruction Code, Design of a Simple Computer.

Processor organization, Design of Arithmetic and Logic Circuit, Status Register, Design of Accumulator.

Hardwired Control, Micro-programmed Control Block Diagram, Symbolic Micro-program, Micro-programmed CPU Organization.

Program Controlled I/O, Interrupts: enabling and disabling interrupts, handling interrupts from multiple sources (priority control), DMA. Structure and Working of Hard Disk, CDROM, Printer.

Semiconductor Memory, SRAM, DRAM, ROM and their Speed, Size and Cost; Cache Memory, Mapping Functions, Replacement Algorithms.

ITOL-212: DATA STRUCTURE USING C**Full Marks: 100****Introduction:**

Concept of Data and Data Types, Abstract data type

Arrays :

Definition , Types, memory representation, address translation functions for one & Two dimensional arrays, Different operations.

Linked Structure:

Singly linked list, Differences between linked list and arrays, doubly linked list, circular link list , insertion, deletion and traversal of elements in different linked lists.

Stacks and Queues

Definition of Stack and Queue, implementation of stack and queue using array and linked list structure, application of stack and queues, postfix conversion and evolution of arithmetic expressions, priority queue

Binary trees:

Tree, Definition of binary tree and properties, memory representation, Binary search tree (construction, insertion, deletion and search), Trees traversal algorithms : Preorder, Postorder and Inorder(recursive and non-recursive), Breadth First Search, Depth First Search, Balanced trees, Threaded trees

Searching :Linear and binary search algorithms, performance and complexity, Hashing

Sorting:Different sorting algorithms and its performances and complexities (Bubble sort, insertion sort, selection sort, radix sort. merge sort, quick sort, heap sort)

File Structure:Sequential, Index sequential file structure

ITOL-213: OPERATING SYSTEM

Full Marks:100

Introduction:

What is an operating system, batch systems, single user and multi user system, multiprogramming, time-sharing systems, personal computer systems, parallel systems or multiprocessing, distributed systems, real-time systems.

Processes Management:

Process , Thread, design issues of thread, user space thread and kernel space thread. Usage of thread. Process states, Implementation of process:- process table, Race condition, Critical-Section, mutual exclusion.

Process scheduling, preemptive and non preemptive scheduling. Scheduling Algorithms, Goals of scheduling algorithms

What is Deadlocks, System Model, Deadlock Characterization, Methods for Handling Deadlocks, Deadlock Prevention, Deadlock Avoidance, Deadlock Detection and Recovery.

Memory management:

Allocation, Address binding (relocation), and protection, Swapping, paging, segmentation

Virtual memory - logical versus physical address space, paging, page fault, page table and its entries, demand paging, multi level page table.

File system:

Definition, file naming, file types(directory, regular, device), sequential access and random access files, file attributes, operations on file, free space management, directory management, path name(relative and absolute), operation on directories, mounting, contiguous allocation linked list allocation, FAT, i-nodes, directories in UNIX

I/O management:

Basic principles and overall structure of I/O management subsystem, Device controllers, block I/O, character I/O, DMA and interrupt driven I/O, interrupt handlers, device driver, device independent I/O software and user space I/O software.

ITOL-214: System Analysis & Design

Full Marks:100

Concept of System, Characteristics, Elements and Types of a System, The System Development Life Cycle, Considerations for Candidate System. System Analysis, The Role of System Analyst. System Planning and Initial Investigation, Information Gathering and Information Gathering Tools.

Structured Analysis, Data Flow Diagram(DFD), Data Dictionary, Decision Tree, Pseudo Codes, Decision Tables, System Performance Definition, Feasibility Study, Cost/Benefit Analysis.

The Process and Stages of System Design, Design Methodologies, Development Activities. Input Design, Output Design, Types of Forms, Basics of Form Design, Layout Considerations and Forms Control.

File Structure, File Organization, System Testing and its Requirement, Trends in Testing, Training and Documentation.

Implementation and Maintenance of Software, Post Implementation review. Selection of Hardware and Software, System Security, Disaster Recovery Planning.

ITOL-218: Laboratory (ITOL-212)

Full Marks:100

SEMESTER –IV

ITOL-223: DATABASE MANAGEMENT SYSTEM

Full Marks:100

Introduction:

What is DataBase, Differences between Traditional File Approach and DataBase, Components of Data Base system, Advantages of DBMS, DBMS architecture, Data independence, ANSI/SPARC 3 level architecture.

Data Model:

Network data model, hierarchical data model

Relational Models:

Entity, attribute, tuple, relationship , Fundamental integrity rules: entity integrity, referential integrity, Relational algebra

Structured Query Language (SQL):

DDL, DML, DCL

Data modeling:

E-R model concept

Database design:Functional dependencies, different types of keys, Normalization (1NF, 2NF, 3NF, BCNF), multivalued and join dependencies, 4NF and 5NF, Domain key normal form.

Data Base transaction:

Database concurrency, ACID properties, database backup and recovery

ITOL-224: Computer Network & Internet

Full Marks:100

Computer Network

Uses of computer networks, Types of computer networks: LAN, MAN, WAN etc., Networks topologies, Layered architecture. Interface and services, Connection-oriented and connectionless service, The relationship of services to protocol,

The OSI reference model, The TCP/IP reference model, Different inter-connecting devices: repeaters, hubs, bridges, switches, routers and gateways.

Physical layer: Guided and wireless transmission media, Satellite communication and their relative merits and demerits

Data link Layer: Functions of data link layer, framing error control flow control

Network Layer: Functions of network layer, Virtual circuit vs. datagram subnet, Routing, Internet protocol (IP)

Transport Layer: Basic functionality of transport layer, TCP and UDP protocol

Application Layer: Domain Name Service (DNS), electronic mail, ftp, telnet, www, http, URL

Internet

Overview

History of Internet, Internet services: telnet, e-mail – Definition, use, Equipments required for an Internet Connection, Opening an e-mail account, Reading and Writing e-mail.

Web browser, Components of a Web Browser, Web page, home page, web site, URL, introduction to e-commerce, Surfing the Internet., Search Engine, uploading and downloading.

ITOL-225: OOP Using C++

Full Marks:100

Principles of object-oriented programming:-Object-Oriented Programming Paradigm, Basic Concepts of Object- Oriented Programming, Benefits of OOPs, Object-Oriented Languages, Applications of OOP.

Structure of C++ Program, Tokens, expressions and control structures:-Introduction, Tokens, Keywords, Identifiers Basic Data types, User Defined Data Types, Derived Data Types, Symbolic Constants, Type Compatibility, Declaration of Variables, Dynamic Initialization of Variables, Reference Variables, Operators in C++, C++ Statements, Operator Precedence, Control Structures.

Classes and objects:- Specifying a Class, Defining Member Functions, Making an Outside Function Inline, Nesting of Member Functions, Private Member Function, Arrays within a Class, Memory Allocation for Objects, Static Data Member, Static Member Functions, Arrays of Objects, Object as Function Arguments. Constructors and destructors:- Introduction, Constructors, Parameterized Constructors, Multiple Constructors with Default Arguments, Dynamic Initialization of Objects, Copy Constructors, Dynamic Constructors, Destructor.

Functions in c++:- The Main Function, Function Prototyping, Call by Reference, Return by Reference, Inline Functions, Default Argument, Const. Arguments, Function Overloading, Friend and Virtual Function.

Operator overloading and type conversions :-Introduction, Defining Operator Overloading, Overloading Unary Operators, Overloading Binary Operators Using Friends, Manipulation of strings using Operators, Rules for Overloading Operators, Type conversions.

Inheritance: extending classes Introduction, Defining Derived Classes, Single Inheritance, Making a Private Member Inheritable, Multilevel Inheritance, Multiple Inheritance, Hierarchical Inheritance, Hybrid Inheritance. Pointers, virtual functions and polymorphism: - Compile time Polymorphism, run time polymorphism, Pointers to Objects, This Pointer, and Pointers to Derived Classes, Virtual Functions.

ITOL-226: Numerical Analysis

Full Marks:100

Representation of numbers:

Floating point representation, single and double precision, round off errors and truncation errors.

Solution of non-linear equation:

Bisection method, Newtons method, Regula Falsi method, secant method, fixed point algorithm.

Solution of simultaneous linear equation:

Basic elimination method, Gaussian elimination method, Gauss Jordan method, method of successive approximation.

Ordinary differential equation:Euler's method, Runge Kutta method

Interpolation:Newton's interpolation, Lagrange's interpolation

Numerical integration:Trapezoidal rule, Simpson rule, Newton's Cotes method.

ITOL-228: Laboratory (IT-223+ IT-225)

Full Marks:100

SEMESTER-V

ITOL-311: Computer Hardware & System Administration Full Marks: 50

UNIT I: Evolution of computer system, Modern computer, Classification of computer, Personal Computer hardware: Monitor, Keyboard, Mouse, Scanner, printer, speaker

UNIT II: Hard Disk Drive: logical structure and file system, FAT, NTFS. Hard disk tools: Disk cleanup, error checking, defragmentation, scanning for virus, formatting, installing additional HDD. New trends in HDD. Floppy Disk Drive

UNIT III: Optical Media, CDROM, theory of operation, drive speed, buffer, cache, CD-r, CD-RW, DVD ROM, DVD technology, preventive maintenance for DVD and CD drives, New Technologies. Driver installation, Writing and cleaning Cd and DVD.

UNIT IV: Processor: Intel processor family. Latest trends in processor, Motherboard, Sockets and slots, power connectors. Peripheral connectors. Bus slots, USB, pin connectors. Different kinds of motherboards. RAM, different kinds of RAM. RAM upgradation.

UNIT V: SMPS. BIOS. Network Interface Card, network cabling, I/O Box, Switches, RJ 45 connectors, Patch panel, Patch cord, racks, IP address.

Major components of the Linux operating systems. File system, setting user and group ownership of files and directories and access permissions, basic commands for starting and stopping processes, basic process attributes and their role in access control, mounting and unmounting file systems and partitions.

Linux system monitoring and logging. Examining the list of running processes on the system and understand the data presented there. Monitoring memory usage and disk space usage on the system. Customizing system log configuration.

The rules governing IP address classes and netmasks, Configuring the resolver library to arrange for TCP/IP name service, Bringing interfaces up and down, and set their IP addresses and netmasks,

Books:

1. Red Hat Linux: Proffitt: PHI
2. UNIX Network Programming- Vol-I and Vol-II: Stevens: PHI
3. Introduction to System Administration: IBM series: PHI

ITOL-312: Programming in Java

Full Marks:100

Introduction to Java - Features of Java - Object Oriented Concepts - Lexical Issues - Data Types - Variables - Arrays - Operators - Control Statements.

Classes - Objects - Constructors - Overloading method - Access Control- Static and fixed methods - Inner Classes - String Class - Inheritance - Overriding methods - Using super-Abstract class.

Packages - Access Protection - Importing Packages - interfaces - Exception Handling - Throw and Throws - Thread - Synchronization - Messaging - Runnable Interface - Inter thread Communication - Deadlock - Suspending, Resuming and stopping threads - Multithreading.

I/O Streams - File Streams - Applets - String Objects - String Buffer - Char Array - Java Utilities - Code Documentation.

Networks basics - Socket Programming - Proxy Servers - TCP/IP Sockets - Net Address - URL - Datagrams - Working with windows using AWT Classes - AWT Controls - Layout Managers and Menus.

ITOL-313: WEB TECHNOLOGY

Full Marks:50

Overview

History of Internet, Internet services: telnet, e-mail, ftp, WWW. Equipments required for an Internet Connection, Opening an e-mail account, Reading and Writing e-mail., ftp, www

URL, Surfing the Internet., Search Engine, uploading and downloading.

Web Browsers:

functions and working principle of web browsers; plug-ins & helper applications; conceptual architecture of typical web browsers (like Mozilla).

Introduction to Client/Server Computing:

client-server computing basics; types of Client/Server systems; middleware; N-tired systems: 2-tier/3-tier/4-tier systems; Fat Clients versus Fat Servers.

Web Servers:

Web services and web server functionality; web server composition; Conceptual architecture of a typical web server (like Apache).

Introduction to HTML

Hypertext Markup Language (HTML), Writing a web page in HTML, Different Tags, hyperlinks, tables, text formatting in web pages, Using graphics and multimedia in web pages; image maps., Use of frames and forms.

Client-Side Scripting

A brief introduction of client side scripting, different types of client side scripting language. Case study with Javascript [Constants, variables, operators, expressions, statements. Use of user-defined and built-in functions, Client-side Form validation using JavaScript, Using properties and methods of built-in objects.]

Server-Side Scripting

A brief introduction of server side scripting, different types of server side scripting languages. Difference between client side and server side scripting.

ITOL-314: E Commerce

Full Marks:100

E-Commerce – Concept, E-Commerce practice v/s traditional practices, Benefits of E-Commerce to organisation, consumers and society. Limitations of E-Commerce.

Types of E-Commerce : B2C, B2B, C2C, P2P. Major Business to Consumer (B2C) Business Models : Portal, E-tailer, Content Provider, Transaction Broker, Market Creator, Service Provider, Community Provider. Applications in B2C – E-Banking, E-Trading, E-Auction (Introduction and overview of these concepts)

Application in B2B : Major Business to Business B2B Business Models – E distributor, B2B Service Provider, Matchmaker. Benefits of B2B on procurement, Just in Time Delivery. Consumer to Consumer (C2C) Business Models, Peer to Peer (P2 P) Business Models.

Building an E-Commerce Website: Planning- The systems developments life cycle, System Analysis- Identify Business Objectives, System functionality and Information requirements. System Design- Hardware and Software Platforms. Building the System- Inhouse v/s Outsourcing. Hosting, Testing the system, implementation and Maintenance.

Security and Encryption: The E-Commerce Security Environment – Dimensions of E-Commerce Security. Security Threats in the E-Commerce Environment- Malicious Code, Hacking, Credit Card Fraud, Spoofing, Denial of Service (DoS) Attacks, Sniffing. Technology Solutions – Protecting Internet Communication, Encryption, Securing Channels of Communication, Secure Sockets layer (SSL), Protecting Networks – Firewalls and Proxy Server, Protecting Servers and Clients.

E-Commerce Payment Systems: Digital Wallets, Digital Cash, On line Stored Value Systems, Digital

Accumulating Balance Payment Systems, Digital Credit Card Payment Systems, Digital Cheque Payment Systems.

E-Commerce and India – Overview of E-Commerce in India.

ITOL-318: Laboratory(ITOL-311)

ITOL-319: Laboratory(ITOL-312+ ITOL-313)

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September) Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

Sl. No.	Semester	Course No	Paper Name
1	I	ITOL-111	Fundamentals of Computer
2		ITOL-112	Digital Systems
3		ITOL-113	Communicative English
4		ITOL-114	Mathematics –I
5	II	ITOL-121	Introduction to Programming using C
6		ITOL-122	Environmental Studies
7		ITOL-123	Mathematics II
8		ITOL-126	Computer Based Accounting and Financial Management
9	III	ITOL-124/211	Computer Organization and Architecture
10		ITOL-212	Data Structure using C
11		ITOL-213	Operating System
12		ITOL-214	System Analysis & Design
13	IV	ITOL-226	Numerical Analysis
14		ITOL-223	Database Management System
15		ITOL-224	Computer Network & Internet
16		ITOL-225	OOP using C++
17	V	ITOL-311	Computer Hardware & System Administration
18		ITOL-312	Programming in JAVA
19		ITOL-313	Web Technology
20		ITOL-314	E Commerce
21	VI		Elective – I
22			Elective – II

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING (GUIDOL)

PROGRAMME PROJECT REPORT (PPR)

PPR ID : GU/GUIDOL/PPR/50 (*Total no. pages :*)

Programme: Three Year Bachelor of Arts (B.A.) [General or Pass course only]

1. Programme mission and objective:

The mission of the Programme is “to enable learners to learn and retain a broad base of knowledge in the various domains of Social Sciences.” . In the ODL mode , the Gauhati University Institute of distance and open learning (IDOL) proposes to offer BA programme in all the undergraduate courses offered by Gauhati University in the regular mode in the affiliated colleges . More specifically the subjects offered will be a combination of three subjects from amongst Assamese (Elective), Bodo, Bengali, Political Science, Education, History, Economics, Philosophy, Sanskrit, Hindi, sociology. Additionally the learners shall have to appear Assamese and other vernacular language in lieu of as well as Communicative English for one semester. No Major courses shall be offered at present .

Objectives of the Programme:

- *To give learners abroad based and multidisciplinary academic foundation;*
- *To offer learners wide knowledge in the humanities and Social Sciences for better job opportunities.*
- *To enable the learners to develop social analytical skills and participate in liberating peoples and communities from all forms of bondage.*
- *To acquaint learners who are wish to teach, and handle social responsibilities in private and public enterprises.*

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society.

Keeping in view the motto of "*Education For All*", Bachelor of Arts (B.A.) to be offered through ODL mode is very much relevant to the HEI's mission and goals as it aims to provide quality education to those aspiring candidates who are deprived of higher education due to the limited number of intake in the conventional mode of education in the Universities. Moreover, to keep the quality intact the curriculum and syllabus has been designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the University. All the under graduate courses are offered by Gauhati University

3. Nature and target group of learners:

- (1) those deprived of admission in the regular mode due to limited intake capacity.
- (2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder.
- (3) drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- (5) Rural population of any age and those living in remote areas where higher education institutes are not easily accessible.
- (4) job seekers.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-

The Bachelor Programme in Arts to be offered through ODL mode will have certain learning outcomes. This programme will help the learners-

- To improve literacy , specially among the rural poor.
- To rid under privileged society of social evils .
- Capacity building among the rural population .

- To enable the under privileged to appreciate multicultural perspectives.
- To understand the history that discipline approaches to organizing knowledge.
- To apply skills and knowledge in an internship experience.

5. Instructional Design:

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and IDOL, keeping in view the needs of the diverse groups of learners. To start with the syllabus that is in vogue in the regular courses will be adopted, however study self Study material shall be made available to the learners.
- b) **Detailed Syllabus:** As per the under graduate course offered in the regular mode by Gauhati University.
- c) **Duration of the Program:** Minimum 3 (three) years. However, the learners are required to complete the course within 5 (five) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The semester system introduced by Gauhati University shall be followed. The programme shall be delivered in 6 (six) semesters with the opportunity to choose optional courses offered. The learners shall be provided with the printed SLM which covers almost all the contents in the syllabus. Counseling class shall be held in various affiliated study centres. The progress of the learners shall be evaluated by Internal Assessment and Term end/semester end examination. Examination rules shall be as per the rules and regulation adopted by Gauhati University.
- e) **Faculty:** Gauhati University institute of distance and Open learning (GUIDOL) shall not enroll students for the undergraduate courses and admissions will be left to the recognized study centres consequently, GUIDOL has no plans of organizing contact classes and other facilities offered under the ODL mode. As such GUIDOL has no plan to recruit permanent, part time or contractual faculty for the purpose. Arranging contact classes shall be the responsibility of the recognized centers that is the affiliated colleges
- f) **Media:** Print Media, ICT based content, content delivered through e-learning portal

g) Student Support Service: Existing library and other existing facilities for education in distance mode shall be made available to interested under graduate learners also . Further, in order to successfully execute the programme, a wide range of support services are provided to the ODL learners, both Post graduate and Under graduate learners . The various support services are listed as below-

- i) Network of Study Centres: To assist its learner IDOL has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- ii) State of the art Library with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) E-Learning Portal: www.bodhidroom.guidol.in the first of its kind in the entire North east region of India.
- iv) Dynamic Website www.idolgu.in : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, up-coming events, examination results etc.
- v) Community FM Radio: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process starts from August and ends by the end of September every year. The minimum eligibility for BA programme is 10+2 from any recognized Board. The proposed fees for admission is Rs 4000.00 (Four Thousand only) per year.

Curriculum transaction- Activity Planner: The exercise of preparing an acitivity planner will be the responsibility of the affiliated under graduate colleges and the nodal person shall be the Principal of the college as well as the Coordinator approved by the Gauhati University IDOL advisory committee.

Evaluation- Each course/paper shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 30% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per examination Rules and Regulations of the Gauhati University.

7. Library Resource:

College library (affiliated study Centres) shall be available to the students under ODL mode and this arrangement has already been communicated to each study centre.

8. Estimated cost of the Programme:

The total estimated cost of introducing the programme cannot be estimated as intake of students in different centres cannot be ascertained. However , a rough estimate may include , the preparation and printing and outsourcing of SLM.

9. Quality assurance Mechanism and Expected Programme outcome:

As it is well known , all college have as established IQAC , which is responsible for assessing and monitoring the quality of the under graduate courses in close cooperation with the IDOL headquarters at gauhati University.

10. A monitoring mechanism at the Gauhati University has already been established at the Gauhati University for the Post graduate courses . The Quality Assurance Cell includes the Deans of the different Faculty, Nominated Heads of the Arts Departments, Executive Council members, administrative staff and teaching staff of the institute.

11. Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING (GUIDOL)

PROGRAMME PROJECT REPORT (PPR)

PPR ID : GU/GUIDOL/PPR/51 (*Total no. pages :*)

Programme: Three Year Bachelor of Commerce (B.Com..) [General or Pass course only]

1. Programme mission and objective:

The mission of the Programme is “to enable learners to learn and retain a broad base of knowledge in the various domains of Social Sciences.” . In the ODL mode , the Gauhati University Institute of distance and open learning (IDOL) proposes to offer B.Com programme as offered by Gauhati University in the regular mode in the affiliated colleges . More specifically the subjects offered will be a combination of three subjects of the Commerce stream including banking and management . Additionally the learners shall have to appear Assamese and other vernacular language in lieu of as well as Communicative English for one semester. No Major courses shall be offered at present .

Objectives of the Programme:

- *To give learners abroad based and multidisciplinary academic foundation;*
- *To offer learners wide knowledge in the humanities and Social Sciences for better job opportunities.*
- *To enable the learners to develop social analytical skills and participate in liberating peoples and communities from all forms of bondage.*
- *To acquaint learners who are wish to teach, and handle social responsibilities in private and public enterprises.*

2. Relevance of the programme with HEI’s mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society.

Keeping in view the motto of “*Education For All*”, Bachelor of Arts (B.A.) to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality education to those aspiring candidates who are deprived of higher education

due to the limited number of intake in the conventional mode of education in the Universities. Moreover, to keep the quality intact the curriculum and syllabus has been designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the University. All the under graduate courses are offered by Gauhati University

3. Nature and target group of learners:

- (1) those deprived of admission in the regular mode due to limited intake capacity.
- (2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder.
- (3) drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- (5) Rural population of any age and those living in remote areas where higher education institutes are not easily accessible.
- (4) job seekers.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-

The Bachelor Programme in Commerce to be offered through ODL mode will have certain learning outcomes. This programme will help the learners-

- To improve literacy , specially among the rural poor.
- To rid under privileged society of social evils .
- Capacity building among the rural population .
- To enable the under privilege to appreciate multicultural perspectives.
- To understand the history that discipline approaches to organizing knowledge.
- To apply skills and knowledge of entrepreneurship.

5. Instructional Design:

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and IDOL, keeping in view the needs of the diverse groups of learners. **To start with the syllabus that is in being followed in the regular courses will be adopted , however self Study material shall be made available to the learners.**

- b) **Detailed Syllabus:** As per the Under graduate course offered in the regular mode by Gauhati University.
- c) **Duration of the Program:** Minimum 3 (three) years. However, the learners are required to complete the course within 5 (five) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The semester system introduced by gauhati university shall be followed .The programme shall be delivered in 6 (six) semesters with the opportunity to choose optional courses offered. The learners shall be provided with the printed SLM which covers almost all the contents in the syllabus. Counseling class shall be held in various affiliated study centres. The progress of the learners shall be evaluated by Internal Assessment and Term end/semester end examination. Examination rules shall be as per the rules and regulation adopted by Gauhati University.
- e. **Faculty:** Gauhati University institute of distance and Open learning (GUIDOL) shall not enroll students for the undergraduate B.Com courses and admissions will be left to the recognized study centres consequently, GUIDOL has no plans of organizing contact classes and other facilities offered under the ODL mode. As such GUIDOL has no plan to recruit permanent , part time or contractual faculty for the purpose. Arranging contact classes shall be the responsibility of the recognized centers that is the affiliated colleges
- f) **Media:** Print Media
- g) **Student Support Service:** Existing library and other existing facilities for education in distance mode shall be made available to interested B.Com learners also . Further, in order to successfully execute the programme, a wide range of support services are provided to the ODL learners, both Post graduate and Under graduate learners . The various support services are listed as below-
- (i) **Network of Study Centres:** To assist its learner IDOL has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- (ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- (iii) **E-Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India.
- (iv) **Dynamic Website** www.idolgu.in : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, up-coming events, examination results etc.

- (v) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process starts from August and ends by the end of September every year. The minimum eligibility for BA programme is 10+2 from any recognized Board. The proposed fees for admission is Rs 5000.00 (Five Thousand only) per year.

Curriculum transaction- Activity Planner: The exercise of preparing an activity planner will be the responsibility of the affiliated under graduate colleges and the nodal person shall be the Principal of the college as well as the Coordinator approved by the Gauhati University IDOL advisory committee.

Evaluation- Each course/paper shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 30% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per examination Rules and Regulations of the Gauhati University.

- 7. Library Resource:** College library (affiliated study Centres) shall be available to the students under ODL mode and this arrangement has already been communicated to each study centre.
- 8. Estimated cost of the Programme:** the total estimated cost of introducing the programme cannot be estimated as intake of students in different centres cannot be ascertained. However, a rough estimate may include , the preparation and printing and outsourcing of SLM.
- 9. Quality assurance Mechanism and Expected Programme outcome:** As it is well known , all college have as established IQAC , which is responsible for assessing and monitoring the quality of the under graduate courses in close cooperation with the IDOL headquarters at gauhati University.
- 10.** A monitoring mechanism at the Gauhati University has already been established at the Gauhati University for the Post graduate courses . The Quality Assurance Cell includes the Deans of the different Faculty, Nominated Heads of the Arts Departments, Executive Council members, administrative staff and teaching staff of the institute.

11. Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

Programme Project Report (PPR)

PPR ID : GU/GUIDOL/PPR/24 (Total no. pages : 28)

Programme: BSc in Information Technology (BSc-IT)

1. Programme Mission and Objective:

The mission of the Programme is *"to provide quality higher education, develop technical and managerial skills that enable learners to understand the impact of technological changes and also appreciate the usage of Information Technology in academics, business and industry."*

Objectives of the Programme:

- *to open a channel of admission for computing courses for learners, who are interested in taking Information Technology as a career,*
- *to provide a substantial understanding of concepts in key areas of computer science,*
- *to develop and promote technical skills needed to design, implement, and test solutions in the field of information technology,*
- *to help learners acquire professional competence in developing software and in its design and implementation.*

2. Relevance of the Programme with HEI's Mission and Goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the department of computer Science, Gauhati University was established in the year 1985 with an objective to produce computer science and IT professionals for software industries, research and educational institutions and other organizations in India and abroad, so as to enhance employment and association of the new generation in these fields and related areas. The courses and programmes in the colleges (affiliated to Gauhati University) under the computer science department are

- Major Course in Computer Science
- General Course in Computer Science
- Vocational Course in Computer Application
- Vocational course in Information Technology
- BCA
- BSc(IT)
- PGDCA
- Certificate Course in Computer Application(Six Months)

Keeping in view the motto of “*Quality Higher Education For All*”, Bachelor in Information Technology (BSc-IT) to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in computer science and information technology to those aspiring candidates who are deprived of higher education due to various serious and unavoidable circumstances. Moreover, to keep the quality intact the curriculum and syllabus has been designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of Gauhati University.

3. Nature and Target Group of Learners:

Our target group includes:

- (1) those who are deprived of admission in the conventional mode due to limited intake capacity.
- (2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- (3) drop-outs primarily due to social , financial and economic compulsions as well as demographic factors.
- (4) job seekers.

4. Appropriateness of the Programme to be Conducted in the ODL Mode for Acquiring Specific Skills and Competence:

The BSc-IT programme to be offered through ODL mode will have certain learning outcomes. This programme will help the learners

- to function effectively in this dynamic technological era,

- to enhance and develop their technical knowledge for understanding and finding solution to the real world problems,
- in designing databases and managing them, and to acquire sound knowledge in software engineering and web-based applications,
- by giving educational opportunity to go for Master's programme at any other university/institute,
- to make themselves fit to embrace the future developments and retaining professional relevance.

5. Instructional Design:

a) Curriculum Design: The curriculum is designed by a committee comprising experts from the parent department and ODL mode of Gauhati University, keeping in view the needs of the diverse class of learners.

b) Detailed Syllabus: Please refer to Enclosure-I.

c) Duration of the Program: Minimum 3(three) years. However, the learners are required to complete the course within 6 (six) years from the date of admission.

d) Instructional Delivery Mechanism: The programme will be delivered in 6(six) semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counseling/regular classes for both theory and practical will be held in various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional delivery mechanism. The progress of the learners will be assessed periodically. At the end of each semester, learners' performance will be evaluated by Term/Semester-end examination.

e) Faculty:

i. Full Time

1. Dr. Ridip Dev Choudhury, MSc (Comp. Sc), PhD – Course Co-ordinator cum Assistant Professor, GUIDOL
2. Dr. Khurshid Alam Borbora, MSc (Comp. Sc), PhD - Assistant. Professor, GUIDOL
3. Mr. Swapnanil Gogoi, MSc (Comp. Sc) - Assistant. Professor, GUIDOL
4. Mrs. Pallavi Saikia, MSc (Comp. Sc) - Assistant. Professor, GUIDOL
5. Mr. Hemanta Kalita, MSc (IT), M.Tech. - Assistant. Professor, GUIDOL

6. Mrs. Rita Chakraborty, MSc (IT) - Assistant Professor, GUIDOL

- ii. Resource persons are drawn from amongst teachers of affiliated colleges, researchers, faculty members of the Department of HEI and from corporate sector for this programme.
- f) **Media:** Print Media, ICT enabled tools, Multi-Media and e-Learning Portal.
- g) **Student Support Services:** In order to successfully execute this programme, there are a wide range of support services. The various support services are listed as below:
- i. **Network of Study Centres:** To assist its learners in ODL mode the University has established 96 study centres (list enclosed) throughout the State of Assam and but within its territorial jurisdiction.
 - ii. **State of the art Library:** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
 - iii. **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. This portal provides the following services to the learners:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
 - Online Study Material
 - Old Examination Question Papers

- iv. **Dynamic Website (www.idolgu.in):** For ODL learners, the University have a separate website, www.idolgu.in, where one can get all the information regarding ODL programmes, up-coming events, examination results etc.
- v. **Computerised Admission Process with Provision of Online Admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners and can be accessed through www.idolgu.in.
- vi. **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the headquarter complex during all working days. Learners may walk-in to the designated counselling room and meet their teachers to clarify their doubts.
- vii. **Personal Contact Programme (PCP):** In addition to the Study Materials, useful theory/practical classes will be conducted at different study centres, which will enable learners to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and guidelines during the class. These classes are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii. **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum Transaction and Evaluation:

Admission: The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. To get admission to this programme, a student must have passed 10+2 in science stream or should complete 3 years Polytechnic Diploma. The proposed fee for admission is Rs 8000.00 (Eight Thousand only) per semester. Financial Assistance is provided to the learners belong to SC/ST and OBC category in the form of scholarship. A Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor

Curriculum Transaction- The curriculum will be transacted throughout the year as per the following activity planner:

- Regular Counseling/Classes/Practicals will be carried out for minimum of 4 (four) months per semester.
 - a) For odd semesters classes will start from the month of March and end by June every year and
 - b) For even semesters classes will start from the month of October and end by the end of January every year.
- Regarding the classes related to theory and practical courses/papers,
 - a) One theory class, of one hour duration, for each course/paper will be conducted in a week.
 - b) one practical class, of two hours duration, for each course/paper with practical component will be conducted in a week.
- For slow-learners, few remedial classes/counseling will be conducted as necessary.

Evaluation: Each course/paper will carry 100% weightage for the term/semester-end examinations. In order to pass/clear a course/paper, a candidate must secure minimum 35% marks in case of theory course/paper and 40% marks in practical as well as in the final project. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of Gauhati University.

7. Requirement of the laboratory support and Library Resources:

The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

For conducting theory and practical classes, there are 2 (two) Digital Classrooms and 2 (two) Computer Laboratories with the following facilities available at HQ:

	Item	Quantity
Computer Lab 1	Desktop Computer	55
	LCD Overhead Projector	1
	Document Scanner with Overhead Projector	1
	40 inch LED TV for parallel display with the LCD projector	1
	Smart Board	1
	Sound System with Lapel Connectivity	1 Set
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Computer Lab 2	Desktop Computer	22
	55 inch LED TV used for projection	1
	Split AC	2
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Digital Classroom 1	Intake Capacity	64
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	3
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Digital Classroom 2	Intake Capacity	100
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	

It is also mandatory for all Study Centres offering BSc-IT and related programmes to have similar facilities.

8. Estimated cost of the Programme: total estimated cost of the programme is approximately Rs. 52.5 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of three years.

9. Quality assurance Mechanism and Expected Programme outcome:

- **Quality assurance Mechanism:** GUIDOL has an Internal Quality Assurance Cell constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute.
- **Expected Programme outcome:** The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below:

Course Benchmark Statement: Bachelor Degree in Computer Application shall be awarded to those learners who demonstrate:

- essential knowledge in each functional area of Computer Science and Information Technology,
- technical knowledge for understanding and finding solution to the real world problems,
- professional competence in developing software and in its design and implementation,
- concept of new software technologies and extend their theoretical knowledge in specific areas of interest in academia and the industry.

Enclosure-I

Syllabus

SEMESTER-I

Course No	Paper Name	Credit
ITOL-111	Fundamentals of Computer	3
ITOL-112	Digital Systems	3
ITOL-113	Communicative English	2
ITOL-114	Mathematics –I	3
ITOL-119	Laboratory (DOS and UNIX commands and Office Automation)	4

SEMESTER -II

Course No	Paper Name	Credit
ITOL-121	Introduction to Programming using C	3
ITOL-122	Environmental Studies	3
ITOL-123	Mathematics – II	3
ITOL-124/211	Computer Organization and Architecture	3
ITOL-129	Laboratory (ITOL-121)	4

SEMESTER -III

Course No	Paper Name	Credit
ITOL-212	Data structure using C	3
ITOL-213	Operating System	3
ITOL-214	System Analysis & Design	3
ITOL-215	Theoretical Foundation of Computing	3
ITOL-218	Laboratory(ITOL-212)	4

SEMESTER- IV

Course No	Paper Name	Credit
ITOL-222	Data Communication and Computer Networks	3
ITOL-223	Database Management System	3
ITOL-225	OOP using C++	3
ITOL-226	Numerical Analysis	3
ITOL-228	Laboratory (ITOL-223+ ITOL-225)	4

SEMESTER-V

Course No	Paper Name	Credit
ITOL-311	Computer Hardware & System Administration	2
ITOL-312	Programming in Java	3
ITOL-313	Web Technology	2
	Elective I	3
ITOL-318	Laboratory (ITOL-311)	2
ITOL-319	Laboratory (ITOL-312+ ITOL-313)	4

SEMESTER VI

Course No	Paper Name	Credit
	Elective II	4
ITOL-326	Project	10

Courses for Electives:

ITOL-501: Artificial Intelligence

ITOL-502: Data Mining

ITOL-503: E-Learning Technologies

ITOL-504: Object Oriented Design using UML

ITOL-505: Software Engineering

ITOL-506: Advanced Web Technology

DETAIL SYLLABUS:

SEMESTER – I

ITOL-111: FUNDAMENTALS OF COMPUTER

Full Marks: 100

What is Computer and its History, Generation of Computers, Classification of Computers; Components of a Digital Computer: CPU, Memory, I/O devices; Storage Devices, Backup System and its use.

What is Computer Software and its need, Types of Computer Softwares; Computer languages, Generation of Computer Languages, Classification of Computer Languages; Computer Viruses.

ITOL-112: DIGITAL SYSTEMS

Full Marks: 100

Digital Computers and Digital Systems, Binary Numbers, Number Base Conversion, Octal and Hexadecimal Numbers, Complements, Binary Codes, Binary Storage and Registers, Binary Logic, Integrated Circuits

Boolean Operators, Boolean Algebra and its Rules, Dual and Complement of Boolean Expression, Sum of Product and Product of Sum, Conversion between Boolean Expression and Truth Table, Boolean Expression and their Simplification by Algebraic Method, Karnaugh Map.

Half Adder, Full Adder. Decoder, Encoder, Multiplexer, Demultiplexer.

Flip-Flops and its different types and Registers.

ITOL-113: COMMUNICATIVE ENGLISH

Full Marks:100

Scope and Meaning of Communication; Essentials of Good Communication- Listening and Reading Skills, Difference between the Spoken and the Written Form, Verbal and Non-Verbal Communications, Gestures and Body Language, Formal and Informal Communication; Levels of Communication - Upward/Downward/Horizontal Communication, Barriers of Communication.

Mechanisms of Effective Oral Communication- How to Speak a Language clearly, fluently and naturally; Pronunciation, Difference between Spelling and Pronunciation, Everyday Conversation (with elders, friends, strangers etc.); Group Discussion and Facing an Interview Board; Public Speaking(Addressing a Meeting, Debate etc.), Practical Exercises.

Mechanisms of Effective Written Communication – Punctuation, Sequencing of Ideas, Building Paragraph/Body, a Good Introduction and Conclusion; Word Buildings, Making Sentences from Phrases and Idioms; Writing and Presentation of Reports; Writing Notes, Memos and Short Notes; Writing Letters for Business and Office Use; Writing Complaints; Placing Orders ; Summery Writing.

Extensive Oral and Written Examples of various kinds of English used in the field of Science and Technology.

ITOL-114: MATHEMATICS –I

Full Marks: 100

Sets, Relations and Functions

Sets, relations, properties of binary relations, closures of relation, equivalence relations, equivalence classes and partitions. Partial ordering relations and lattices. Functions, one to one and onto, principles of mathematical induction.

Sequence and Series

Sequence of Real Numbers, Bounded Sequences, Convergent and Non-Convergent Sequences, Uniqueness of the Limit and Bounds of a Convergent Sequence, Cauchy Sequence, Cauchy's General Principle of Convergence (proof of the necessary part only), Subsequences, Convergence and Divergence of Monotonic Increasing and Decreasing Sequences, Algebraic Operations on Limit (statements of the theorems without proof), Infinite Series, Statements of Basic Properties of Infinite Series (without proof). Absolute and Conditional Convergence, Some useful test for Convergence and Divergence: Comparison Test, D'Alemberts Ratio Test.

Matrices

Row and column operations, vectors and matrices, partitioning of matrices, representing relations using matrices, Determinant of a square matrix, minor, cofactor, the Cayley Hamilton theorem, inverse of a matrix, product form of inverse. Rank of a matrix. Solutions of simultaneous linear equations, existence of solutions, solution by Gaussian elimination, Eigen values and Eigen vectors.

Trigonometry

Geometrical Representation of Complex Numbers- the Argand Plane, Polar Form of a Complex Number, Modulus, Amplitude and their various properties, De Moivre's Theorem and its Application, Expansion of $\cos(x)$, $\sin(x)$ and $\tan(x)$ in Positive Integral Powers of x

ITOL-119: PRACTICAL I(Operating System and Office Automation)

Full Marks:100

DOS commands

UNIX commands

MS-Word, MS-PowerPoint, MS-Excel, MS-access

SEMESTER – II

IT-121: Introduction to Programming using C

Full Marks:100

Algorithm, Flowchart, Pseudo Code.

Structure of a C program, Tokens, Storage Classes (Automatic, External, Static, Register), Variables, Constants and Identifiers, Syntax and Semantics Error.

Data types, Initialization of Variable during Declarations, Operators in C and their Precedence.

Conditional Statements: if, if-else, switch

Iterative Statements: while, do-while, for

Other Statements: break, continue, goto, return

What is Arrays, One Dimensional Array and Two-Dimensional Array, Declaration of Arrays, Operations on Arrays.

Function: Function Declaration and Definition, Parameters, Actual Parameter, Formal Parameter. Calling a Function: Call by Value, Call by Address. Passing an Array to a Function, Recursive Function.

What is Pointer, Declaration of Pointer Variables, Operations using Pointer Variables.

Structure and Union, Declaration, Operations using Structure.

ITOL-122: ENVIRONMENTAL STUDIES

Full Marks:100

The Multidisciplinary nature of environmental studies

Definition, Scope and Importance, Need for Public Awareness.

Natural Resources

Renewable and Non-Renewable Resources, Natural Resources and Associated Problems (Forest Resources, Water Resources, Mineral Resources, Food Resources, Energy Resources, Land Resources), Role of an Individual in Conservation of Natural Resources.

Ecosystems

Definition , Structure and Function of and Ecosystem, Producers, Consumers and Decomposers , Energy Flow in the System , Ecological Succession , Food Chains, Food Webs and Ecological Pyramids and its types, Characteristic Features, Structure and Function of the different Ecosystem(Forest Ecosystem, Grassland Ecosystem, Desert Ecosystem, Aquatic Ecosystem: Ponds, Streams, Lakes, Rivers, Oceans, Estuaries etc.)

Biodiversity and its conservation

Definition, Genetics, Species and Ecosystem Diversities, Bio-geographical Classification of India, Value of biodiversity (consumptive use, productive use, social, ethical, aesthetic and option values) , Biodiversity at global, national and local level, India as a mega-diversity nation, Hot-spots of biodiversity ,Threats to biodiversity(habitat loss, poaching of wild life, man-wild-life conflicts) , Endangered and endemic species of India.

Conservation of biodiversity (In-situ and ex-situ conservation of biodiversity)

Environmental pollution

Definition, Causes, effects and control measure of different environmental pollution (air pollution, water pollution, soil pollution, marine pollution, noise pollution, thermal pollution, nuclear pollution).

Solid waste management (Causes, effects and control measures of urban and industrial waste).

Role of individual in prevention of pollution, Pollution case studies.

Disaster management (floods, earthquake, cyclone and landslides).

Social issues and the Environment:

Urban problems related to energy, Water conservation, rain water harvesting, watershed management, Resettlement and rehabilitation of people, its problem and concern, case studies.

Environmental ethics (issues and possible solutions, Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust, case studies), Waste land reclamation, Consumerism and waste product, Environment protection acts.

Air (prevention and control of pollution) acts, Wild life protection act, Forest conservation act, Issues involved in enforcement of environmental legislation, public awareness.

Human population and the environment

Population growth, variation among nations, Population explosion- family welfare programme, Environment and human health, Human rights, Value education, HIV/ AIDS Women and child welfare, Role of information technology in environment and human health, Case studies

ITOL-123: MATHEMATICS – II

Full Marks:100

Mathematical Statistics:

Collection of data, frequency distribution, measures of central tendency Mean, Media Mode, Mean Deviation, Standard Deviation and Dispersion, Skewness .Basic concept of Probability, Properties of probability, conditional probability. Baye's Theorem, Concepts on Discrete and Continuous random variables and Binomial distribution , Poisson distribution and Normal distribution and its properties.

Differential Calculus

Concept of Limits, Continuity and Differentiability, Differentiation, Rolle's Theorem and its Applications, Lagrange's Mean Value Theorem and its Applications and Taylor's Theorem. Partial Derivatives, Indeterminate Forms, Maxima and Minima for single and two Variables, Lagrange's Multiplier.

Integral Calculus

Elementary Methods and Properties of Integration, Definite Integrals and its Properties, Concept of Indefinite Integral, Application of Integral Calculus(length, area, volume), Idea of Multiple Integrals Fourier Series.

ITOL-124/211: COMPUTER ORGANIZATION AND ARCHITECTURE

Full Marks:100

Functional Units of a Computer, Basic Instructions, Interconnection of Functional Units, Bus Structure, Memory Locations, Memory Addresses, Memory Operations, Instruction and Instruction Sequencing (Straight Line Sequencing and Branching), Addressing Modes, Introduction to Assembly Language, Stack, Subroutine, I/O instructions.

Introduction, Inter Register Transfer, Arithmetic Micro-operation, Logic Micro-operation, Shift Micro-operation, Conditional Control Statements, Fixed Point Binary Data, Instruction Code, Design of a Simple Computer.

Processor organization, Design of Arithmetic and Logic Circuit, Status Register, Design of Accumulator.

Hardwired Control, Micro-programmed Control Block Diagram, Symbolic Micro-program, Micro-programmed CPU Organization.

Program Controlled I/O, Interrupts: enabling and disabling interrupts, handling interrupts from multiple sources (priority control), DMA. Structure and Working of Hard Disk, CDROM, Printer.

Semiconductor Memory, SRAM, DRAM, ROM and their Speed, Size and Cost; Cache Memory, Mapping Functions, Replacement Algorithms.

ITOL-129: Laboratory (ITOL-121)

Full Marks:100

SEMESTER-III

ITOL-212: DATA STRUCTURE USING C

Full Marks: 100

Introduction:

Concept of Data and Data Types, Abstract data type

Arrays :

Definition , Types, memory representation, address translation functions for one & Two dimensional arrays, Different operations.

Linked Structure:

Singly linked list, Differences between linked list and arrays, doubly linked list, circular link list , insertion, deletion and traversal of elements in different linked lists.

Stacks and Queues

Definition of Stack and Queue, implementation of stack and queue using array and linked list structure, application of stack and queues, postfix conversion and evaluation of arithmetic expressions, priority queue

Binary trees:

Tree, Definition of binary tree and properties, memory representation, Binary search tree (construction, insertion, deletion and search), Trees traversal algorithms : Preorder, Postorder and Inorder(recursive and non-recursive), Breadth First Search, Depth First Search, Balanced trees, Threaded trees

Searching :

Linear and binary search algorithms, performance and complexity, Hashing

Sorting:

Different sorting algorithms and its performances and complexities (Bubble sort, insertion sort, selection sort, radix sort, merge sort, quick sort, heap sort)

File Structure:

Sequential, Index sequential file structure

ITOL-213: OPERATING SYSTEM

Full Marks:100

Introduction:

What is an operating system, batch systems, single user and multi user system, multiprogramming, time-sharing systems, personal computer systems, parallel systems or multiprocessing, distributed systems, real-time systems.

Processes Management:

Process , Thread, design issues of thread, user space thread and kernel space thread. Usage of thread. Process states, Implementation of process:- process table, Race condition, Critical-Section, mutual exclusion.

Process scheduling, preemptive and non preemptive scheduling. Scheduling Algorithms, Goals of scheduling algorithms

What is Deadlocks, System Model, Deadlock Characterization, Methods for Handling Deadlocks, Deadlock Prevention, Deadlock Avoidance, Deadlock Detection and Recovery.

Memory management:

Allocation, Address binding (relocation), and protection, Swapping, paging, segmentation

Virtual memory - logical versus physical address space, paging, page fault, page table and its entries, demand paging, multi level page table.

File system:

Definition, file naming, file types(directory, regular, device), sequential access and random access files, file attributes, operations on file, free space management, directory management, path name(relative and absolute), operation on directories, mounting, contiguous allocation linked list allocation, FAT, i-nodes, directories in UNIX

I/O management:

Basic principles and overall structure of I/O management subsystem, Device controllers, block I/O, character I/O, DMA and interrupt driven I/O, interrupt handlers, device driver, device independent I/O software and user space I/O software.

ITOL-214: System Analysis & Design**Full Marks:100**

Concept of System, Characteristics, Elements and Types of a System, The System Development Life Cycle, Considerations for Candidate System. System Analysis, The Role of System Analyst. System Planning and Initial Investigation, Information Gathering and Information Gathering Tools.

Structured Analysis, Data Flow Diagram(DFD), Data Dictionary, Decision Tree, Pseudo Codes, Decision Tables, System Performance Definition, Feasibility Study, Cost/Benefit Analysis.

The Process and Stages of System Design, Design Methodologies, Development Activities. Input Design, Output Design, Types of Forms, Basics of Form Design, Layout Considerations and Forms Control.

File Structure, File Organization, System Testing and its Requirement, Trends in Testing, Training and Documentation.

Implementation and Maintenance of Software, Post Implementation review. Selection of Hardware and Software, System Security, Disaster Recovery Planning.

ITOL-215: THEORETICAL FOUNDATION OF COMPUTING

Full Marks: 100

Finite Automata and Regular Expression, DFA, NFA, NFA with ϵ -moves, Equivalence of DFA and NFA, pumping lemma, Reduction of the number of states in a finite automata

Concept of languages and grammar, Regular expressions, Kleene closure, Algebra of regular expression, Regular Languages, Regular grammars

Context free languages

Definition, Context-free grammars, leftmost and rightmost derivations, derivation trees, Parsing and Ambiguity in grammars and languages, Simplification of Context free Grammars- removing useless productions, empty-productions and unit-productions, Normal forms- Chomsky and Greibach normal forms, Non context free languages , Closure properties of CFL, pumping lemma for CFL

Pushdown Automata (PDA)

Definition, Deterministic PDA and Deterministic Context free Languages, Equivalence of CFG and PDA

IT-218: Laboratory(ITOL-212)

Full Marks: 100

SEMESTER – IV

ITOL-222: DATA COMMUNICATION AND COMPUTER NETWORKS

Full Marks:100

Introduction to Computer Networking:

Overview of Computer Network, The uses of computer network, Network Topologies, Layered Architecture, Relationship of Service to Protocol, Interface between layers, Connection oriented vs. Connectionless service The OSI reference model, TCP reference model, General Comparison between OSI and TCP/IP

The maximum data rate of a channel, Guided and wireless transmission media, satellite communication and their relative merits and demerits, Nyquist law, Shanno's Law, Interconnecting Devices: Repeaters, hubs, bridges, switch, routers and gateways, their functions and difference

Medium Access sub layer:

Channel allocation Static and Dynamic, Pure and slotted ALOHA, Persistent and non Persistent CSMA, CSMA/CD, cable type and length and other characteristics, IEEE 802.3 Ethernet frame format

Data Link layer:

Data Link layer design issues: services provided to the network layer, framing, error control, flow control, link management. Error detection and correction.

Network Layer:

Virtual circuit vs datagram subnet, Establishment of connection in connection oriented services, Routing Algorithms: distance vector routing, link state routing, Flow control, Definition of congestion and quality of service. Internet protocols (IP) address structure and frame format.

Transport Layer:

Works of the transport layer, Basic functionality of transport layer, connection establishment, connection release, end to end flow control, Concept of Socket and Port.

The TCP and UDP protocols.

The Application Layer:

Client Server Model, Concept of DNS, Telnet, WWW , HTTP, URL, Electronic mail.

IT-223: DATABASE MANAGEMENT SYSTEM**Full Marks:100****Introduction:**

What is DataBase, Differences between Traditional File Approach and DataBase, Components of Data Base system, Advantages of DBMS, DBMS architecture, Data independence, ANSI/SPARC 3 level architecture.

Data Model:

Network data model, hierarchical data model

Relational Models:

Entity, attribute, tuple, relationship , Fundamental integrity rules: entity integrity, referential integrity, Relational algebra

Structured Query Language (SQL):

DDL, DML, DCL

Data modeling:

E-R model concept

Database design:

Functional dependencies, different types of keys, Normalization (1NF, 2NF, 3NF, BCNF), multivalued and join dependencies, 4NF and 5NF, Domain key normal form.

Data Base transaction:

Database concurrency, ACID properties, database backup and recovery

ITOL-225: OOP Using C++

Full Marks:100

Principles of object-oriented programming:-Object-Oriented Programming Paradigm, Basic Concepts of Object- Oriented Programming, Benefits of OOPs, Object-Oriented Languages, Applications of OOP.

Structure of C++ Program, Tokens, expressions and control structures:-Introduction, Tokens, Keywords, Identifiers Basic Data types, User Defined Data Types, Derived Data Types, Symbolic Constants, Type Compatibility, Declaration of Variables, Dynamic Initialization of Variables, Reference Variables, Operators in C++, C++ Statements, Operator Precedence, Control Structures.

Classes and objects:- Specifying a Class, Defining Member Functions, Making an Outside Function Inline, Nesting of Member Functions, Private Member

Function, Arrays within a Class, Memory Allocation for Objects, Static Data Member, Static Member Functions, Arrays of Objects, Object as Function Arguments. Constructors and destructors:-Introduction, Constructors, Parameterized Constructors, Multiple Constructors with Default Arguments, Dynamic Initialization of Objects, Copy Constructors, Dynamic Constructors, Destructor.

Functions in c++:- The Main Function, Function Prototyping, Call by Reference, Return by Reference, Inline Functions, Default Argument, Const. Arguments, Function Overloading, Friend and Virtual Function.

Operator overloading and type conversions :-Introduction, Defining Operator Overloading, Overloading Unary Operators, Overloading Binary Operators Using Friends, Manipulation of strings using Operators, Rules for Overloading Operators, Type conversions.

Inheritance: extending classes Introduction, Defining Derived Classes, Single Inheritance, Making a Private Member Inheritable, Multilevel Inheritance, Multiple Inheritance, Hierarchical Inheritance, Hybrid Inheritance. Pointers, virtual functions and polymorphism: - Compile time Polymorphism, run time polymorphism, Pointers to Objects, This Pointer, and Pointers to Derived Classes, Virtual Functions.

ITOL-226: NUMERICAL ANALYSIS

Full Marks:100

Representation of numbers:

Floating point representation, single and double precision, round off errors and truncation errors.

Solution of non-linear equation:

Bisection method, Newtons method, Regula Falsi method, secant method, fixed point algorithm.

Solution of simultaneous linear equation:

Basic elimination method, Gaussian elimination method, Gauss Jordan method, method of successive approximation.

Ordinary differential equation:

Euler's method, Runge Kutta method

Interpolation:

Newton's interpolation, Lagrange's interpolation

Numerical integration:

Trapezoidal rule, Simpson rule, Newton's Cotes method.

ITOL-228: Laboratory (ITOL-223+ ITOL-225)

Full Marks: 100

SEMESTER-V

ITOL-311: Computer Hardware & System Administration

Full Marks: 50

UNIT I: Evolution of computer system, Modern computer, Classification of computer,

Personal Computer hardware: Monitor, Keyboard, Mouse, Scanner, printer, speaker

UNIT II: Hard Disk Drive: logical structure and file system, FAT, NTFS. Hard disk tools: Disk cleanup, error checking, defragmentation, scanning for virus, formatting, installing additional HDD. New trends in HDD. Floppy Disk Drive

UNIT III: Optical Media, CDROM, theory of operation, drive speed, buffer, cache, CD-r, CD-RW, DVD ROM, DVD technology, preventive maintenance for DVD and CD drives, New Technologies. Driver installation, Writing and cleaning Cd and DVD.

UNIT IV: Processor: Intel processor family. Latest trends in processor, Motherboard, Sockets and slots, power connectors. Peripheral connectors. Bus slots, USB, pin connectors. Different kinds of motherboards. RAM, different kinds of RAM. RAM upgradation.

UNIT V: SMPS. BIOS. Network Interface Card, network cabling, I/O Box, Switches, RJ 45 connectors, Patch panel, Patch cord, racks, IP address.

Major components of the Linux operating systems. File system, setting user and group ownership of files and directories and access permissions, basic commands for starting and stopping processes, basic process attributes and their role in access control, mounting and unmounting file systems and partitions.

Linux system monitoring and logging. Examining the list of running processes on the system and understand the data presented there. Monitoring memory usage and disk space usage on the system. Customizing system log configuration.

The rules governing IP address classes and netmasks, Configuring the resolver library to arrange for TCP/IP name service, Bringing interfaces up and down, and set their IP addresses and netmasks,

Books:

1. Red Hat Linux: Proffitt: PHI
2. UNIX Network Programming- Vol-I and Vol-II: Stevens: PHI
3. Introduction to System Administration: IBM series: PHI

ITOL-312: Java Programming

Full Marks: 100

Introduction to Java - Features of Java - Object Oriented Concepts - Lexical Issues - Data Types - Variables - Arrays - Operators - Control Statements.

Classes - Objects - Constructors - Overloading method - Access Control- Static and fixed methods - Inner Classes - String Class - Inheritance - Overriding methods - Using super-Abstract class.

Packages - Access Protection - Importing Packages - interfaces - Exception Handling - Throw and Throws - Thread - Synchronization - Messaging - Runnable Interface - Inter thread Communication - Deadlock - Suspending, Resuming and stopping threads - Multithreading.

I/O Streams - File Streams - Applets - String Objects - String Buffer - Char Array - Java Utilities - Code Documentation.

Networks basics - Socket Programming - Proxy Servers - TCP/IP Sockets - Net Address - URL - Datagrams - Working with windows using AWT Classes - AWT Controls - Layout Managers and Menus.

ITOL-313: WEB TECHNOLOGY

Full Marks:50

Overview

History of Internet, Internet services: telnet, e-mail, ftp, WWW. Equipments required for an Internet Connection, Opening an e-mail account, Reading and Writing e-mail., ftp, www

URL, Surfing the Internet., Search Engine, uploading and downloading.

Web Browsers:

functions and working principle of web browsers; plug-ins & helper applications; conceptual architecture of typical web browsers (like Mozilla).

Introduction to Client/Server Computing:

client-server computing basics; types of Client/Server systems; middleware; N-tiered systems: 2-tier/3-tier/4-tier systems; Fat Clients versus Fat Servers.

Web Servers:

Web services and web server functionality; web server composition; Conceptual architecture of a typical web server (like Apache).

Introduction to HTML

Hypertext Markup Language (HTML), Writing a web page in HTML, Different Tags, hyperlinks, tables, text formatting in web pages, Using graphics and multimedia in web pages; image maps., Use of frames and forms.

Client-Side Scripting

A brief introduction of client side scripting, different types of client side scripting language. Case study with Javascript [Constants, variables, operators, expressions, statements. Use of user-defined and built-in functions, Client-side Form validation using JavaScript, Using properties and methods of built-in objects.]

Server-Side Scripting

A brief introduction of server side scripting, different types of server side scripting languages. Difference between client side and server side scripting.

IT-318:Laboratory (ITOL-311)

Full Marks:50

IT-319:Laboratory (ITOL-312+ITOL-313)

Full Marks: 100

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

Sl. No.	Semester	Course No	Paper Name
1	I	ITOL-111	Fundamentals of Computer
2		ITOL-112	Digital Systems
3		ITOL-113	Communicative English
4		ITOL-114	Mathematics –I
5	II	ITOL-121	Introduction to Programming using C
6		ITOL-122	Environmental Studies
7		ITOL-123	Mathematics – II
8		ITOL-124/211	Computer Organization and Architecture
9	III	ITOL-212	Data structure using C
10		ITOL-213	Operating System
11		ITOL-214	System Analysis & Design
12		ITOL-215	Theoretical Foundation of Computing
13	IV	ITOL-222	Data Communication and Computer Networks
14		ITOL-223	Database Management System
15		ITOL-224	OOP using C++
16		ITOL-225	Numerical Analysis
17	V	ITOL-311	Computer Hardware & System Administration
18		ITOL-312	Programming in Java
19		ITOL-313	Web Technology
20			Elective I
21	VI		Elective – II

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING (GUIDOL)

Programme Project Report

PPR ID : GU/GUIDOL/PPR/21 (Total no. pages : 30)

Programme: Master of Computer Application (MCA)

1. Programme mission and objective:

The mission of the Programme to be launched is to cater to the need of higher education in Computer Science and its applications for the purpose of producing value based, highly qualified Post Graduates .Moreover, there is a need to provide an effective teaching-learning environment so as to achieve excellence in research and developmental activities. The mission of the program also includes providing a platform to disseminate knowledge by bridging the gap between interdisciplinary activities.

Objectives of the Programme:

- to practice computational techniques for the purpose of solving real-world problems.
- to enhance and develop knowledge and understanding of the theoretical and practical foundations of Computer Science as a subject.
- to develop conceptual and analytical knowledge among the learners so that they can exhibit novel approach to solving problems and also showcase their talent in critical analysis, design and implementation skills.
- to prepare qualified human resources who will contribute to the society by innovating new ideas and thoughts.
- to generate competent and well-educated man-power for the teaching profession as well as manning positions of research associates in public/private sector academic institutions.
- to prepare graduates who will be highly competent professionals in the field industry, research, entrepreneurial and consulting firms.
- to impart education for sustainable future.

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Computer Science was established in the year 1985. The Department started a one year Post Graduate Diploma course in Computer Science and Applications (PGDCSA) with thirty seats in 1986 at time in which there were only a few institutions in the entire country offering post graduate courses in Computer Science. The objectives of the course were to produce Computer Programmers, Research Scholars, Teachers, Instructors, Computer Professionals; i.e. to produce manpower for software industries, research and educational institutions and other organizations in India and abroad and association of the new generation in these fields and related areas. In 2001, a two-year (four semesters) M.Sc. programme in Computer Science was introduced after obtaining approval from the UGC with student intake capacity 15 per batch, replacing the PGDCSA programme. In 2005, the Department started another course M.Sc. in Information Technology (M.Sc.-IT) together with the existing M.Sc. program in Computer Science. The course has been designed to meet the growing demand of qualified professionals in the area of computational processing. The course is inclined more towards application development so that faster and efficient tools and technologies can be generated. However, the MCA programme is not yet being launched the parent department of HEI. The regular MCA course has been run by the Assam Engineering College, affiliated under Gauhati University with an intake capacity of 30 students per year, which is very limited.

Keeping in view the motto of "*Quality Higher Education For All*", Master of Computer Application (MCA) to be offered through ODL mode is very much relevant to the HEI's mission and goals as it aims to provide quality higher education in Computer Science to those aspiring candidates who are deprived of higher education. Moreover, to keep the quality intact the curriculum and syllabus has been designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and target group of learners:

Our target group includes:

- (1) those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- (2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder.
- (3) drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- (4) those who are always eager to produce novel innovations with the purpose to serve the society as well as for professional development.
- (5) job seekers, who want to go for professions like software engineering, system analyst, troubleshooter, research associates, technical experts may pursue this course.
- (6) most importantly, learners may pursue the course with an aim to do researches in different domains of computer science.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI , external experts and teachers of GUIDOL, keeping in view the needs of the diverse class of learners.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence:

The MCA programme to be offered through ODL Mode will have certain learning outcomes. This programme will help the learners:

- to get familiar with using the ICT enabled tools and techniques.

- to develop conceptual, synthesized and analytical knowledge of Computer Science and computational logic.
- To enhance and develop knowledge and understanding of the theoretical and practical foundations of Computer Science as a subject.
- to get to know and understand various multidisciplinary subjects pertaining to Computer Science.
- to apply the acquired knowledge in various real-life applications.
- to design and develop applications to analyze and solve problems.
- to improve competencies in creative thinking in order to develop efficient systems.
- to formulate new methodologies in order to solve complex problems by integrating existing contemporary tools and techniques.
- to motivate them work on the research and development projects of their own interest.
- to showcase the ability to function as a leader with positive attitudes in multidisciplinary research projects.

Learners are expected to acquire the skills like having good command in programming, having an interest in web designing, having sound knowledge in networking, database etc. Learners are also expected to be possessed with good problem solving capacity. Most importantly, they will be equipped with creative learning which is very much required for career advancement.

5. Instructional Design:

a) Curriculum Design: The curriculum is designed by a committee comprising experts from the parent department and ODL mode of Gauhati University, keeping in view the needs of the diverse class of learners.

b) Detailed Syllabus: Please refer to ANNEXURE I

c) Duration of the Program: Minimum 3 years. However, the learners are required to complete the course within 6 (six) years from the date of admission.

d) Instructional Delivery Mechanism: The programme will be delivered in 6 (six) semesters having 5 (five) courses/papers in each semesters. The learners will be provided with the printed SLMs which cover almost all the contents in the syllabus (*Enclosure-III*). Counseling/regular classes for both theory and practicals will be held in headquarter and in various study centers. Telephonic Counseling and providing online learning resources will also be a part of instructional Delivery mechanism. The progress of the learners will be assessed periodically. At the end of each semester, learners' performance will be evaluated by Term/Semester-end examination.

e) Faculty:

(i) Full Time

1. Dr. Ridip Dev Choudhury, MSc (Comp. Sc), PhD – Course Co-ordinator cum Assistant Professor, GUIDOL
2. Dr. Khurshid Alam Borbora, MSc (Comp. Sc), PhD - Assistant. Professor, GUIDOL
3. Mr. Swapnanil Gogoi, MSc (Comp. Sc) - Assistant. Professor, GUIDOL
4. Pallavi Saikia, MSc (Comp. Sc) - Assistant. Professor, GUIDOL
5. Hemanta Kalita, MSc (IT), M.Tech - Assistant. Professor, GUIDOL
6. Rita Chakraborty, MSc (IT) - Assistant Professor, GUIDOL

(ii) Resource persons are drawn from amongst teachers of affiliated colleges, researchers, faculty members of the Department of HEI and experts from specific domain.

f) Media: Print Media, ICT enabled tools, Multi-Media and e-Learning Portal.

g) Student Support Service: In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-

(i)Network of Study Centers: To assist its learner IDOL has established 96 study centers throughout the State of Assam.(within the territorial jurisdiction)

(ii)State of the art Library with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

(iii)E- Learning Portal: www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. This portal provides the following services to the learners:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

(iv) Dynamic Website Gauhati University has a dedicated dynamic website for ODL learners where one can get all the informations regarding its programmes, upcoming events, examination results etc.

(v)Computerised admission process with provision of online admissions: The whole system of admissions and examinations are managed using professional software which gives instant online access to learners and it can be accessed through www.idolgu.in .

(vi)Flexible Walk in Group Counselling(FWGC): Regular group and individual counselling will be held in the IDOL (headquarter)complex as well as in the parent

department during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.

(vii) Personal Contact Programme (PCP): In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

(viii) Community FM Radio: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcast radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

a) Admission- The admission process shall start from August and end by the end of September every year. A learner can go for either offline or online admission process. The minimum eligibility for MCA program is any graduate from any recognized Indian or Foreign University. The proposed fee for admission is Rs. 10,000.00 (Ten Thousand only) for 1st and 2nd semesters and Rs 11500.00 (Eleven Thousand Five Hundred only) for 3rd, 4th, 5th and 6th semesters. However, the minimum qualification for the students who desire to seek admission in MCA Lateral programme must be BCA/B.Sc.(IT)/B.Sc.(Computer Science)/PGDCA from any recognized university or Graduate with DOEACC-A level degree. Financial Assistance is provided to the candidates belonging to SC/ST and OBC category in the form of scholarship. A few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice-Chancellor of the University.

b)Curriculum transaction- Activity Planner:

The curriculum will be transacted throughout the year as per the following activity planner:

- Regular Counseling/Classes/Practicals will be carried out for minimum of 4 (four) months per semester.

a) For odd semesters classes will start from the month of March and end by June every year and

b) For even semesters classes will start from the month of October and end by the end of January every year.

- Regarding the classes related to theory and practical courses/papers,
 - a) One theory class, of one hour duration, for each course/paper will be conducted in a week.
 - b) One practical class, of two hours duration, for each course/paper with practical component will be conducted in a week.
- For slow-learners, few remedial classes/counseling will be conducted as necessary.

c) Evaluation- Each course/paper will carry 100% weightage for the term/semester-end examinations. In order to pass/clear a course/paper, a candidate must secure minimum 35% marks in case of theory course/paper and 40% marks in practical as well as in the final project. Apart from these, a learner will have to give a seminar presentation in 5th semester which also will carry 100 marks. The learner must secure minimum 40% in this paper in order to get passed. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of Gauhati University.

7. Requirement of the Laboratory Support and Library Resources:

a) The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL

learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

For conducting theory and practical classes, there are 2 (two) Digital Classrooms and 2 (two) Computer Laboratories with the following facilities available at HQ:

	Item	Quantity
Computer Lab 1	Desktop Computer	55
	LCD Overhead Projector	1
	Document Scanner with Overhead Projector	1
	40 inch LED TV for parallel display with the LCD projector	1
	Smart Board	1
	Sound System with Lapel Connectivity	1 Set
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Computer Lab 2	Desktop Computer	22
	55 inch LED TV used for projection	1
	Split AC	2
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Digital Classroom 1	Intake Capacity	64
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	3
	LAN Connectivity	
	Internet Connectivity provided by NKN	

Digital Classroom 2	Intake Capacity	100
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	

**It is also mandatory for all Study Centers offering MCA and related programmes to have similar facilities.*

8. Estimated cost of the Programme:

Total estimated cost of the programme is approximately Rs. 60 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. Quality assurance Mechanism and Expected Programme outcome: The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

The expected programme outcome is reflected in the course benchmark statement which is stated as below:

Course Benchmark Statement: Master degree in Computer Application shall be awarded to those learners who can demonstrate:

- essential knowledge of theoretical and practical foundations Computer Science and its Applications.

- application of relevant knowledge in order to formulate methodologies in solving a real-world and complex problem.
- innovative ideas by analyzing a given problem.
- professional competence in developing softwares by integrating contemporary tools and techniques.

ENCLOSURE-I

Course No	Course Title	Evaluation Pattern	Credit
SEMESTER - I			
IT-01	Fundamentals of Computers	Objectives:40%, Descriptive: 60%	3
IT-02	Introduction to Programming	Objectives:40%, Descriptive: 60%	4
IT-03	Digital Logic	Objectives:40%, Descriptive: 60%	3
IT-04	Practical Lab-1 (PC Software + Programming)	PC Software:70%, Programming: 30%	4
IT-05	Communication Skills & Technical	Objectives:40%, Descriptive: 60%	2
SEMESTER - II			
IT-06	Programming in C++	Objectives:40%, Descriptive: 60%	4
IT-07	Database Management System	Objectives:40%, Descriptive: 60%	4
IT-08	Computer Network & Internet	Objectives:40%, Descriptive: 60%	4
IT-09	Practical Lab-2 (Programming+DBMS+Internet)	Programming: 40%, DBMS: 30%, Internet: 30%	4
IT-10	Management and Accounting	Objectives:40%, Descriptive: 60%	3
SEMESTER - III			
IT-11	Mathematical Foundation of Computer Science	Objectives:40%, Descriptive: 60%	3
IT-12	Data Structure and Algorithm	Objectives:30%, Descriptive: 40%, Practical:30%	4
IT-13	Computer Organization & Architecture	Objectives:40%, Descriptive: 60%	4

IT-14	Operating System	Objectives:30%, 40%, Practical:30%	Descriptive:	4
IT-15	Web Technology and E Commerce	Objectives:30%, 40%, Practical:30%	Descriptive:	4
SEMESTER – IV				
IT-16	Objected Programming using JAVA	Oriented	Objectives:30%, 40%, Practical:30%	Descriptive: 4
IT-17	Data Communication & Computer Network		Objectives:40%, 60%	Descriptive: 4
IT-18	Advanced Management System	Database	Objectives:40%, 60%	Descriptive: 3
IT-19	Linux Administration	System	Objectives:30%, 40%, Practical:30%	Descriptive: 4
IT-20	Compilers		Objectives:40%, 60%	Descriptive: 4
SEMESTER – V				
IT-21	Software Engineering		Objectives:40%, 60%	Descriptive: 4
IT-22	Computer Graphics & Multimedia		Objectives:40%, 60%	Descriptive: 4
IT-23	Application Development	Software	Objectives:30%, 40%	Descriptive: 4
IT-24	Elective			4
IT-25	Seminar			2
SEMESTER – VI				
IT-26	Major Project			18

List of electives:

1. Artificial Intelligence
2. Data Mining and Warehousing

Detail Syllabus

SEMESTER – I

IT-01: FUNDAMENTALS OF COMPUTERS

Introduction

Brief history of development of computers, computer system concepts, capabilities and limitations, types of computers: Analog, Digital, Hybrid, general, special purpose, Micro, mini, mainframe super computers, generations of computers, personal computers, types of personal computers – Laptop, Palmtop etc.

Computer software

Need of software, types of software, System software – Operating system and its types, loader, linker etc.; Application software --word processing, spread sheet, presentation graphics, database management software; Programming languages - machine, assembly, high level, 4GL, their merits and demerits, Computer Viruses.

Components of Computer System

Basic components of computer system, Input devices, output devices, Control Unit, storage devices., maintaining the Computer System.

PC Hardware and Maintenance

Introduction and Identification of different hardware component of a PC , Installation of Operating System, Hard Disk Partitioning ,Troubleshooting.

Introduction to Computer organization and architecture:

IT-02: INTRODUCTION TO PROGRAMMING

Introduction to C:

Steps for Problem Solving ,Algorithm, Analysis of Algorithm Efficiency, Flowchart , Pseudo code, Program , Programming Languages , Translators

History of C , Features of C, Structure of a C Program, Writing a C Program, Compiling and Run a C Program, Syntax and Semantic Errors, Linker Errors, Logical and Runtime Errors, Execution Process

Variables and Constants:

Character Set, Identifiers and Keywords, Rules for Forming Identifiers , Data Types and Storage Classes in C, Variables , Declaring Variables, Initializing Variables, Constants, Types of constants

Expressions and Operators:

Assignment Statements, Unary and Binary Operators , Arithmetic Operators, Relational Operators , Logical Operators, Comma and Conditional Operators, Type Cast Operator, Size of Operator, Precedence of Operators

Control Statements, Decision Control Statements:: The if Statement , The switch Statement, Loop Control Statements:: The while Loop , The do-while Loop ,The for Loop, The Nested Loop, The Goto Statement, The Break Statement, The Continue Statement

Arrays:

Definition , Syntax of Array Declaration and Initialization, Subscript, Processing the Arrays , Multi-Dimensional Arrays, Declaration and Initialization of Two-Dimensional Array, Processing of Two Dimensional Arrays, Representation of Matrix using Two Dimensional Array

Strings:

Character Arrays, Declaration and Initialization of Strings, Array of Strings, Library String Functions: strlen , strcpy , strncpy , strcmp , strncmp , strcmpi , strncmpi , strcat , strncat , strlwr ,strupr , strrev , strdup , strchr , strstr , strset , strncpy

Functions:

Definition , Structure of a Function , Function Declaration , Function Definition , Formal parameter , Actual parameter ,The Return Statement , Function Prototypes , Recursive Function, Function Calling: Call by value and Call by address

Structures and Unions:

Declaration and Initialization of Structures, Accessing the Members of a Structure , Structures as Function Arguments , Structures and Arrays , Unions , Initializing an Union, Accessing the Members of an Union

Pointers:

What is Pointer , Address and Indirection Operators , Pointer Type Declaration and Assignment, Pointer to a Pointer , Null Pointer Assignment , Pointer Arithmetic, Passing Pointers to Functions , Arrays and Pointers , Array of Pointers , Pointers and Strings

The C Preprocessor and Command Line Arguments:

Definition, Macros in C, #define, #include, #ifdef, Other Preprocessor Commands, Predefined Names Defined by Preprocessor

Command Line Arguments in C, Structure of Programs that use Command-Line Arguments, Accessing Command-Line Arguments

Files:

Definition, File Handling in C Using File Pointers, fopen() , fclose() , Input and Output using file pointers , Character Input and Output in Files, String Input / Output Functions , Formatted Input / Output Functions , Block Input / Output Functions, Sequential Files, Random Access Files , Positioning the File Pointer

IT-03: DIGITAL LOGIC

Binary Systems

Digital Computers and Digital Systems, Binary Numbers, Number Base Conversion, Octal and Hexadecimal Numbers, Complements, Binary Codes, Binary Storage and Registers, Binary Logic, Integrated Circuits

Boolean Algebra and Logic Gates

Basic Definitions, Boolean Algebra: Theorems and Properties, Boolean Functions, Canonical and Standard Forms and Other Logic Operations. Digital Logic Gates and its different types.

Simplification of Boolean Functions

Map Method: Two, Three and Four variable maps. Product of Sums Simplification, NAND and NOR implementation, Don't Care Conditions, Tabulation Method.

Combinational Logic and Sequential Logic

Adders: Half Adder, Full Adder and Binary Parallel Adder. Decoder, Encoder, Multiplexer, Demultiplexer.

Flip-Flops and its different types, Registers, Shift Registers, Counters.

IT-04: PRACTICAL LAB-1 (PC Software + Programming)

MS Office Suit

Exposure to Open Office

Programming in C

SEMESTER – II

IT-06: PROGRAMMING IN C++

Principles of OOP

What is OOP, Difference between OOP and Structured Programming, Basic Concepts of Class, Object, Data abstraction and Encapsulation, Inheritance , Polymorphism, Dynamic binding, Message passing, Benefits of OOP, OOP languages, Applications

Introduction to C++

Features of C++ , Structure of a C++ Program, The iostream file, cin and cout object, Saving a C++ program, Compiling and Running a C++ Program.

Variables, Constants, Operators and Expressions and Control Statements (if, switch, for, while, do-while) in C++.

Functions in C++

Return types in main(), function prototyping, Call by reference, Call by value, Call by address.

Inline functions, Default arguments, Constant argument, Function overloading.

Classes and Object:

Specifying a class, Member of a class, Access specifier , Use of scope resolution operator (::) , Creating object, Accessing class members, Defining member functions, Friend function, Friend class, Object as function arguments, Constructor , Constructor overloading, Default argument constructor, Copy constructor, Parameterized constructor, Default constructor, Destructors.

Inheritance:

Concept of Base class and Derive class, Types of Inheritance

IT-07: DATABASE MANAGEMENT SYSTEM

The Basic Concepts

The file based system, limitations of file based system, the Database Approach, Advantages of DBMS.

DBMS Architecture

Three level architecture of Database System, Mappings, Data Independence.

Components and Functions of DBMS, Database Administrator and its roles.

Entity, Attributes and Associations

Definition of Entity, attribute, association among entity and attributes, Generalizations and Aggregation.

Data Models

Relational Model, Hierarchical Model, Network Model

The Relational Model

The Relational Model, Domains, Attributes, Tuples, Relations and Views. Primary Key, Foreign Key, Candidate Key, Alternate Key, Super Key, Relational Constraints.

The E-R Model, Weak Entity and Strong Entity.

Relational Algebra

Basic operations – Union, Intersection, Difference and Product. Additional operations – Select, Project, Join and Divide.

Database Integrity and Normalization

Referential Integrity, Entity Integrity. Functional Dependencies, Concept of Normalization, First Normal Form, Second Normal Form, Third Normal Form, Boyce Codd Normal Form.

Structured Query Language

What is SQL? Data Definition Languages, Data Manipulation Languages, Data Control Languages.

Database Recovery and Security

What is Recovery? Kinds of failures, Failure controlling methods, Database errors, Recovery Techniques, Security & Integrity, Relationship between Security and Integrity.

IT-08: COMPUTER NETWORK & INTERNET

Computer Network

Uses of computer networks, Types of computer networks: LAN, MAN, WAN etc., Networks topologies, Layered architecture. Interface and services, Connection-oriented and connectionless service, The relationship of services to protocol,

The OSI reference model, The TCP/IP reference model, Different inter-connecting devices: repeaters, hubs, bridges, switches, routers and gateways.

Physical layer: Guided and wireless transmission media, Satellite communication and their relative merits and demerits

Data link Layer: Functions of data link layer, framing error control flow control

Network Layer: Functions of network layer, Virtual circuit vs. datagram subnet, Routing, Internet protocol (IP)

Transport Layer: Basic functionality of transport layer, TCP and UDP protocol

Application Layer: Domain Name Service (DNS), electronic mail, ftp, telnet, www, http, URL

Internet Overview

History of Internet, Internet services: telnet, e-mail – Definition, use, Equipments required for an Internet Connection, Opening an e-mail account, Reading and Writing e-mail.

Web browser, Components of a Web Browser, Web page, home page, web site, URL, introduction to e-commerce, Surfing the Internet., Search Engine, uploading and downloading.

Introduction to HTML

Hypertext Markup Language (HTML), Writing a web page in HTML, Tags, hyperlinks, URLs, tables, text formatting in web pages, Using graphics and multimedia in web pages; image maps., Use of frames and forms.

Introduction to JavaScript:

Constants, variables, operators, expressions, statements. Use of user-defined and built-in functions, Client-side Form validation using JavaScript, Using properties and methods of built-in objects.

IT-09: PRACTICAL LAB-2 (Programming + DBMS + Internet)

IT-10: MANAGEMENT & ACCOUNTING

Accounting: Principles, concepts and conventions, double entry system of accounting, introduction to basis books of accounts of sole proprietary concern, closing of books of accounts and preparation of trial balance.

inal Accounts: Trading, Profit and Loss accounts and Balance sheet of sole proprietary concern (without adjustment)

Financial Management: Meaning, scope and role, a brief study of functional areas of financial management. Introduction to various FM tools: Ration Analysis, Fund Flow statement and cash flow statement (without adjustments)

Costing: nature, importance and basic principles. Marginal costing: Nature scope and importance, Break even analysis, its uses and limitations, construction of break even chart, Standard costing: Nature, scope and variances (only introduction)

Computerized accounting: Meaning and advantages, Computer Programs for accounting, Balancing accounts, Trial balance and final accounts in computerized, Accounting, control, and Audit, Sub- Modules of computerized accounting systems.

SEMESTER – III

IT-11: MATHEMATICAL FOUNDATION OF COMPUTER SCIENCE

Sets and Relations: Definition of sets, subsets, complement of a set, universal set, intersection and union of sets, De-Morgan's laws, Cartesian products, Equivalent sets, Countable and uncountable sets, minset, Partitions of sets, Relations: Basic definitions, graphs of relations, properties of relations

Algebra of logic, Propositions, Connectives, Tautologies and contradiction, Equivalence and implication, Principle of Mathematical induction, quantifiers.

Introduction of a Matrix, its different kinds, matrix addition and scalar multiplication, multiplication of matrices, transpose etc. Square matrices, inverse and rank of a square matrix, solving simultaneous equations using Gauss elimination, Gauss Jordan Methods, Matrix Inversion method.

A general introduction, simple and multipgraphs, directed and undirected graphs, Eulerian and Hamiltonian Graphs, Shortest path algorithms, Chromatic number, Bipartite graph, graph coloring.

IT-14: OPERATING SYSTEM

Introduction to Operating System

What is an operating system, history of operating systems. Operating system concepts – processes, files and shells.

Operating system classification – Single user, multi user, simple batch processing, multiprogramming, multitasking, parallel systems, distributed system, real time system.

Process Management

Process - Process Model, Process Hierarchies, Process States, Threads - What is thread and its use, design issues of thread.

Process Scheduling:- Basic Concepts. Preemptive and non-preemptive scheduling. Types of scheduling:- batch, interactive and real-time. Scheduling Algorithms:- First Come First Server, Shortest Job First & Round Robin Scheduling.

What is Interprocess Communication, Race conditions, Critical-Sections, Mutual exclusion. Solution to race condition: - Disabling Interrupt, Peterson's solution, Sleep & Wake Up(The Producer Consumer Problem) and Semaphores.

Input/Output Management & Deadlocks

Basic principles I/O Hardware, I/O Devices, Device controllers, DMA. Principles of I/O Software, its goals, Interrupt Handlers, Device Drivers, Device Independent I/O Software(its functions)

What is Deadlock.Principles of Deadlock (Deadlock conditions & Modelling).Deadlock Detection, Recovery &Prevention. Deadlock Avoidance(Banker's algorithm).

Memory Management

Monoprogramming and Multiprogramming.Swapping and its basic concepts.Virtual Memory – Basic Concepts, Paging, Page Tables. Page replacement algorithms: - Optimal, Not Recently Used, First In First Out, Least Recently Used.

File System

What is file, file naming, file types(directory, regular, device), sequential access and random access files, file attributes, operations on file, hierarchical directory structure, path name(relative and absolute), operation on directories. File System Implementation Techniques.

System Calls

What is System Calls. System Calls:- Process Management(fork, getpid, getppid, wait, waitpid, exit, execve), Signaling(kill, sigaction, sigreturn, pause), File & Files System Management(creat, open, close, read, write, lseek, stat, fstat, dup, rename).

SEMESTER – IV

IT-16: OBJECT ORIENTED PROGRAMMING USING JAVA

Object Oriented Methodology

Paradigms of Programming Languages, Evolution of OO Methodology, Basic Concepts of OO Approach, Comparison of Object Oriented and Procedure Oriented Approaches, Benefits of OOPs, Introduction to Common OO Language, Applications of OOPs

Classes and Objects, Abstraction and Encapsulation, Inheritance, Method Overriding and Polymorphism.

Java Language Basics

Basic Features, Java Virtual Machine Concepts, Primitive Data Type And Variables, Java Keywords, Java Operators.

Expressions, Statements, Control Statements, Selection Statements, Iterative Statements, Jump Statements, Arrays.

Class and Objects

Class Fundamentals, Creating objects, Assigning object reference variables, Introducing Methods, Static methods, Constructors, Overloading constructors, This Keyword, Using Objects as Parameters, Argument passing, Returning objects, Method Overloading, Garbage Collection, The Finalize () Method

Inheritance and Polymorphism

Inheritance Basics, Access Control, Multilevel Inheritance, Method Overriding, Abstract Classes, Polymorphism, Final Keyword

Packages and Interfaces

Package, Defining Package, CLASSPATH, Package naming, Accessibility of Packages, Using Package Members, Interfaces, Implementing Interfaces, Interface and Abstract Classes, Extends and Implements Together

I/O in Java

I/O Basics, Streams and Stream Classes, Byte Stream Class, Character Stream Classes, Predefined Streams, Reading from, and Writing to, Console, Reading and Writing Files, The Transient and Volatile Modifiers, Using Instance of Native Methods

Strings and Characters

Fundamentals of Characters and Strings, The String Class, String Operations, Data Conversion using Value Of () Methods, String Buffer Class and Methods

Exploring Java I/O

Java I/O Classes and Interfaces, I/O Stream Class, Input and Output Stream, Input Stream and Output Stream, Hierarchy, Text Streams, Stream Tokenizer, Serialization, Buffered Stream, Print Stream, Random Access File

IT-18: ADVANCED DATABASE MANAGEMENT SYSTEM

Relational model, relational algebra, and relational calculus (review):

Relational model concepts, relational databases and schemas; Relational algebra operations, queries in relational algebra; Tuple relational calculus, domain relational calculus, overview of QBE; Commercial query language SQL- data definition, constraints, SQL queries, insertion, deletion, updation.

Semantic modeling (review):

Introduction, The E-R model, E-R diagrams, design of database with E-R model.

Normalization and functional dependencies (review):

design guidelines, functional dependencies, normal forms- 1NF, 2NF, 3NF, BCNF.

System implementation techniques:

Query processing and optimization- translation between SQL queries and relational algebra, introduction to basic algorithms for executing query operations; Transaction processing- transaction and system concepts, desirable properties, schedules and recoverability; Concurrency control- locking techniques, concurrency control based on timestamp ordering, multiversion concurrency control techniques; Database recovery- concepts and techniques, recovery in multidatabase systems; Security and authentication- issues, access control techniques, introduction to multilevel security.

Object oriented database systems:

Concepts of object-oriented databases; Standards, languages and design; Object relational database systems.

Distributed databases:

Concepts; Data fragmentation, replication, and allocation techniques; Types of distributed database systems; Query processing in distributed databases; Overview of concurrency control and recovery in distributed databases.

Image, multimedia, and spatial databases:

Concepts of Image, multimedia, and spatial databases; Content-based indexing and retrieval, Indexing techniques- R trees, R+ trees, KD trees.

IT-20: COMPILERS

The Structure Of A Compiler, Phase Of A Compiler, Compiler Tools, Finite Automata, Regular Expressions, Conversion From Regular Expression To Finite Automata.

Syntax Analysis, Context Free Grammars, Top Down & Bottom Up Parsing Techniques.

Construction of LR, SLR&LALR Parsers.

Syntax Directed Translation & Their Implementation. Intermediate Code, Postfix Translation, Phase Trees, Syntax Trees.

Run Time Environment: Storage Organization, Storage Allocation Strategies, Parameter Passing, Symbol Tables, Code Generation, Problem In Code Generation, A Simple Code Generation & Code Optimization: Principle Sources, Loop Optimization, DAG Representation

IT-15: WEB TECHNOLOGY AND E-COMMERCE

Review of HTML & JavaScript:

Various HTML Tags, properties & use; Cascading Style Sheet (CSS). Creating interactive and dynamic web pages with JavaScript.

Markup language basics:

Standard Generalized Markup Language (SGML)- structures, elements, Content models, DTD, attributes, entities. Extensible Markup Language (XML)- Introduction: using user-defined tags in web pages; displaying XML contents using HTML and JavaScript; XML Document Type Definitions;

Extensible Stylesheet Language (XSL) and its use to display XML contents; XSL and basic database queries; brief introduction to other markup languages: VML, MathML, VRML, RELML, HRMML, VoxML, etc.

Web Browsers:

functions and working principle of web browsers; plug-ins & helper applications; conceptual architecture of typical web browsers (like Mozilla).

Introduction to Client/Server Computing:

client-server computing basics; types of Client/Server systems; middleware; N-tiered systems: 2-tier/3-tier/4-tier systems; Fat Clients versus Fat Servers.

Web Servers:

Web services and web server functionality; web server composition; registration; HTTP, IP address, DNS & ports; conceptual architecture of a typical web server (like Apache).

Server-side scripting:

Overview of CGI, ASP, and JSP. Server side scripting using PHP- constants, variables, operators, expressions & statements; user-defined & built-in functions; form processing scripts; using properties and methods of built-in objects. Web database connectivity- introduction to ODBC; PHP with database connectivity.

Advanced web technologies:

Brief introduction to COM, DCOM, CORBA, ISAPI, SOAP, UDDI, WSDL, .NET, etc.

Introduction to AJAX and its implementations.

Web Security:

Firewalls- definition and uses, network layer firewalls and application layer firewalls; Proxy servers.

E – Commerce

Electronic commerce fundamentals:

History and basic idea of EDI and electronic messaging, definition of e-commerce; administration, business, and consumer models of e-commerce; e-commerce enablers-cost reduction, trust issues, products, processes, and markets.

E-commerce Internet applications: overview of e-commerce standardization activities and standards

Electronic payment systems: digital cash- Ecash, ECheque, Credit card based payments systems, Micropayments and Macropayments.

Social impacts of e-commerce: changes in administration & business; electronic shopping; electronic forms; global e-commerce and future trends.

SEMESTER – V

IT-22: COMPUTER GRAPHICS & MULTIMEDIA

Graphics Hardware: The Functional Characteristics Of The Systems Are Emphasized. Input Device: Keyboard Touch Panel, Light Pens, Graphic Tablets, Joysticks, Trackball, Data Glove, Digitizer, Image Scanner, Mouse, Voice Systems.

Hard Copy Devices: Impact And Non Impact Printers, Such As Line Printers, Dot Matrix Printers, Laser, Ink- Jet, Electrostatic, Flatbed And Drum Plotters. Video Display Devices: Refresh Cathode-Ray Tube, Raster Scan Display, Random Scan Displays, Color CRT-Monitors, Direct View Storage Tube, Flat Panel Displays, 3-D Viewing Devices, Raster Scan Systems, Random Scan Systems, Graphic Monitors And Workstation.

Scan Conversion Algorithm Line, Circle And Ellipse, Bresenham's Algorithm, Area Filling Techniques, Character Generation. 2-Dimensional Graphics: Cartesian And Homogenous Co-Ordinate Systems, Geometrical Transformation (Translation, Scaling, Rotation, Reflection, Shearing), Two Dimensional Viewing Transformation And Clipping (Line, Polygon And Text)

3-Dimensional Graphics: Geometrical Transformation (Translation, Scaling, Rotation, Reflection, Shearing), Mathematics And Projections (Parallel And Perspective). 3-D Viewing transformation And Clipping.

Hidden Line Surface Removal Algorithms, Z-Buffer, Scan Line, Sub Division Shading: Modeling

Light Intensities: Diffuse Reflection, Refracted Light, Half toning. Surface Shading Methods: Constant Intensity Method, Gouraud Shading, Phong Shading.

Introduction to Multi-media Technology, Audio System, Image Compression, Data Compression, Digital Motion Video, Authoring tools, Multimedia Applications, Multimedia DBMS

IT-23: APPLICATION SOFTWARE DEVELOPMENT

Introduction to .NET

.NET: Introduction, Advantages, DNA Architecture, Study of .NET Framework, Languages under .NET.

Introduction to VB.NET

Basic Programming Rules, Creating a Project, Exploring & Coding a Project, Building a Project, Debugging.

Variables, Constants, Operators and Expressions and Control Statements, Arrays, Structures, Enumerators, Functions.

Class, Object, Inheritance, Events, String Handling, Exception Handling, File Handling, Multi-Threading, Memory Management Issues.

GUI Programming with VB.NET

Introduction to GUI Application and Their Components. Elements of GUI Programming:

Controls, Properties, Methods, Events.

Form Control: Interacting with Controls, Dialog Controls, Creating and Using MDI Applications, Creating Custom Controls.

Database Programming

Connecting to Databases, Retrieving Data, Inserting Data, Updating Data etc.

IT-25: SEMINAR

SEMESTER – VI

IT-26: MAJOR PROJECT

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

Sl. No.	Semester	Course/Paper No.	Course/Paper Name
1	I	IT-01	Fundamentals of Computers
2		IT-02	Introduction to Programming
3		IT-03	Digital Logic
4		IT-05	Communication Skills & Technical Writing
5	II	IT-06	Programming in C++
6		IT-07	Database Management System
7		IT-08	Computer Network & Internet
8		IT-10	Management and Accounting
9	III	IT-11	Mathematical Foundation of Computer Science
10		IT-12	Data Structure and Algorithm
11		IT-13	Computer Organization & Architecture
12		IT-14	Operating System
13		IT-28 +IT 29	Adv. Web Technology and E Commerce

14	IV	IT-16	Objected Oriented Programming using JAVA
15		IT-17	Data Communication & Computer Network
16		IT-18	Advanced Database Management System
17		IT-19	Linux System Administration
18		IT-20	Compilers
19	V	IT-21	Software Engineering
20		IT-22	Computer Graphics & Multimedia
21		IT-23	Application Software Development
22		IT-24 (Elective)	a) Artificial Intelligence
	b) Data Mining and Warehousing		

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

Programme Project Report(PPR)

PPR ID : GU/GUIDOL/PPR/01 (Total no. pages : 26)

Programme: MA in Assamese

1. Programme mission and objective:

The mission of the Programme is "to give a comprehensive idea of the Language, Literature and Culture in general and Assamese in particular."

Objectives of the Programme:

- To build up an ability for critical and analytical understanding about the formation and development of the rich heritage of Assamese Language, Literature and Culture.
- To enhance knowledge about the recent developments and trends in the field of Language, Literature and Culture.
- To enable learners to explore various dimensions of language and culture of various tribes of North East India.
- To create an ability for critical and analytical understanding of different spoken language form of Assamese Language,
- To develop a conceptual understanding of literature with the study of Indian and Foreign literature.

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Assamese was established in 1948 and has set up, over the years, a close association with various formal and informal organizations.



গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

Keeping in view the motto of “*Quality Higher Education For All*”, Masters of Arts in Assamese to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education to those aspiring candidates who are deprived of higher education due to the limited number of intake in the conventional mode of education in the Universities. Moreover, to keep the quality intact the curriculum and syllabus has been designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and target group of learners:

- 1) those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- 2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- 3) drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- 4) job seekers.
- 5) Lifelong learners

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and ODL mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the parent department of the HEI, IDOL and external experts, keeping in view the needs of the diverse groups of learners.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-

The PG programme in Assamese to be offered through ODL mode will have certain learning outcomes. This programme will help the learners-

- To develop conceptual and analytical knowledge of Assamese language, literature and culture.
- To achieve an expertise in literary analysis and criticism.
- To gain a comprehensive knowledge of world literature with the help of Comparative Literature and Translation Studies.
- To enhance and develop their knowledge and skill of the theoretical and practical foundations of creative writing.
- To gain knowledge about belief, tradition, folk of various ethnic group (tribes) in North East India.

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and IDOL, keeping in view the needs of the diverse groups of learners.
- b) **Detailed Syllabus:** File containing detailed syllabus is attached.
- c) **Duration of the Program:** Minimum 2 (two) years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in 4 (four) semesters having 5 (five) course/paper in each semesters and also with the opportunity to choose optional courses offered. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*enclosure-III*)*as*. Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and term end/semester end examination.
- e) **Faculty:**
 1. Dr. Taranee Deka,
Professor & Head, Department of Assamese and Programme Co-ordinator
 2. Dr. Apurba Kr. Deka, Assistant Professor

3. Resource persons drawn from amongst teachers of affiliated colleges, researchers and faculties of the Department of HEI.

f) Media: Print Media, ICT based content, content delivered through e-learning portal

g) Student Support Service: In order to successfully execute the programme, a wide range of support services are provided to the ODL learners. The various support services are listed as below-

i) **Network of Study Centres:** To assist its learner IDOL has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.

ii) **Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

- iv) **Dynamic Website www.idolgu.in** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, up-coming events, examination results etc.
- v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners through www.idolgu.in.
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the IDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME (PCP):** In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

- **Admission-** The admission process starts from August and ends by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for MA in Assamese is any graduates from any recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00 (Seven Thousand

only) per year. Financial Assistance is provided to the candidates belonging to the SC/ST and OBC categories in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor.

- **Curriculum transaction-** The curriculum shall be transacted throughout the year as per the *Activity Planner* which is enclosed as an annexure
- **Evaluation-** Each course/paper shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per examination Rules and Regulations of the Gauhati University.

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines related to commerce education are available.

8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 65 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. **Quality assurance Mechanism and Expected Programme outcome:**

- **Quality assurance Mechanism** :The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall

continuously monitor the effectiveness of the programme through *CIQA* and other statutory bodies.

- **Expected Programme outcome:** The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below-

Course Benchmark Statement: Master's degree in the Assamese shall be awarded to those learners who demonstrate:

- critical and analytical understanding of Assamese language, literature and culture.
- knowledge and skill of the theoretical and practical foundations of creative writing.
- competency in the domain of literary criticism and analysis
- ability for critical and analytical understanding of different spoken language forms of Assamese.
- professional competency in the relevant field.

Enclosure-I (Detail Syllabus)

দূৰ আৰু মুক্ত শিক্ষা প্ৰতিষ্ঠান
গুৱাহাটী বিশ্ববিদ্যালয়

স্নাতকোত্তৰ পাঠ্যক্রম
বিষয় : অসমীয়া

অসমীয়া বিষয়ৰ স্নাতকোত্তৰ পাঠ্যক্রম চাৰিটা যান্মাসিকত সম্পন্ন হ'ব। প্ৰত্যেকটো যান্মাসিকত পাঁচোটাকৈ পাঠ্যবিষয় (Course) থাকিব। প্ৰথম আৰু দ্বিতীয় যান্মাসিকৰ আটাইকেইটা পাঠ্যবিষয় আৰু তৃতীয় যান্মাসিকৰ প্ৰথম চাৰিটা পাঠ্যবিষয় উমৈহতীয়া। সকলো বিদ্যার্থীয়ে এই পাঠ্যবিষয়সমূহ অধ্যয়ন কৰিব লাগিব। তৃতীয় যান্মাসিকৰ পঞ্চম পাঠ্যবিষয়টো আৰু চতুৰ্থ যান্মাসিকৰ আটাইকেইটা পাঠ্যবিষয় দুটা শাখাত বিভক্ত হ'ব — সাহিত্য শাখা (ক) আৰু ভাষা শাখা (খ)। বিদ্যার্থীসকলে যিকোনো এটা শাখাৰ পাঠ্যবিষয় অধ্যয়ন কৰিব লাগিব।

সমগ্ৰ পাঠ্যক্রমৰ সৰ্বমুঠ নম্বৰ : ১৬০০। প্ৰতিটো পাঠ্যবিষয়ৰ বাবে মুঠ নম্বৰ থাকিব: ৮০। পাঠ্যবিষয়সমূহৰ মূল্যায়ন দুই ধৰণে হ'ব - আভ্যন্তৰীণ আৰু মূল পৰীক্ষা। দুয়োটা শিতানত নম্বৰ থাকিব এনেধৰণে —

আভ্যন্তৰীণ : ১৬ (মুঠ নম্বৰৰ ২০ শতাংশ)।

মূল পৰীক্ষা : ৬৪ (মুঠ নম্বৰৰ ৮০ শতাংশ)।

মূল পৰীক্ষাত বৰ্ণনাধৰ্মী আৰু চমু প্ৰশ্ন অথবা চমু টোকা — এই দুই ধৰণৰ প্ৰশ্ন থাকিব। দুয়ো প্ৰকাৰৰ প্ৰশ্নৰ বাবে নম্বৰৰ গঠন তলত দিয়া ধৰণৰ :

বৰ্ণনাধৰ্মী প্ৰশ্ন : ৪৮।

চমু প্ৰশ্ন / চমু টোকা : ১৬।

এই পাঠ্যক্রমৰ মূল্যায়ন 'স্বীকৃতি আৰু সন্মান' পদ্ধতি (Credit and Grading System)- ৰে সম্পন্ন হ'ব। প্ৰতিটো পাঠ্যবিষয়ৰ স্বীকৃতি মূল্য ((Credit Point) হ'ল ৮।

যান্মাসিক অনুসৰি এই পাঠ্যক্রম তলত দিয়া ধৰণৰ —

প্ৰথম যান্মাসিক

পাঠ্যবিষয়	১.১	অসমীয়া সাহিত্যৰ বুৰঞ্জী (আদি আৰু মধ্যযুগ)
পাঠ্যবিষয়	১.২	অসমীয়া কবিতা
পাঠ্যবিষয়	১.৩	প্ৰাচ্য সাহিত্য সমালোচনা
পাঠ্যবিষয়	১.৪	অসমৰ সংস্কৃতি
পাঠ্যবিষয়	১.৫	ভাষাবিজ্ঞানৰ সাধাৰণ পৰিচয়

দ্বিতীয় যান্মাসিক

পাঠ্যবিষয়	২.১	অসমীয়া সাহিত্যৰ বুৰঞ্জী (আধুনিক যুগ)
পাঠ্যবিষয়	২.২	অসমীয়া নাটক
পাঠ্যবিষয়	২.৩	পাশ্চাত্য সাহিত্য সমালোচনা
পাঠ্যবিষয়	২.৪	সাহিত্যৰ তত্ত্ব আৰু ধাৰা
পাঠ্যবিষয়	২.৫	সংস্কৃত সাহিত্যৰ বুৰঞ্জী

তৃতীয় যান্মাসিক

পাঠ্যবিষয়	৩.১	অসমীয়া গদ্য
পাঠ্যবিষয়	৩.২	অসমীয়া উপন্যাস
পাঠ্যবিষয়	৩.৩	অসমীয়া চুটিগল্প
পাঠ্যবিষয়	৩.৪	লিপি আৰু পাঠ-সমীক্ষা
পাঠ্যবিষয়	৩.৫ (ক)	তুলনাত্মক সাহিত্য আৰু অনুবাদ প্ৰসঙ্গ
	৩.৫ (খ)	ভাষাবিজ্ঞান আৰু ইয়াৰ অধ্যয়ন ক্ষেত্ৰ

চতুৰ্থ যান্মাসিক

পাঠ্যবিষয়	৪-১ (ক)	ভক্তি সাহিত্য
	৪-১ (খ)	মধ্যভাৰতীয় আৰ্যভাষাৰ পাঠ
পাঠ্যবিষয়	৪-২ (ক)	সংস্কৃত সাহিত্য
	৪-২ (খ)	ভাৰতীয় আৰ্যভাষাৰ তুলনামূলক ব্যাকৰণ

পাঠ্যবিষয়	৪-৩ (ক) পাশ্চাত্য সাহিত্য
	৪-৩ (খ) অসমীয়া ভাষাৰ ঐতিহাসিক বিকাশ আৰু ইয়াৰ সাম্প্ৰতিক গাঁথনি
পাঠ্যবিষয়	৪-৪ (ক) ভাৰতীয় সাহিত্য অধ্যয়ন
	৪-৪ (খ) সমাজ-ভাষাবিজ্ঞান, উপভাষা-বিজ্ঞান আৰু অসমীয়া ভাষাৰ উপভাষা
পাঠ্যবিষয়	৪-৫ (ক) বিশেষ লিখকৰ নিৰ্বাচিত ৰচনা
	৪-৫ (খ) অসমৰ তিব্বত-বৰ্মীয় ভাষা আৰু ভাষাতত্ত্ব

শংকৰোত্তৰ সাহিত্যত নতুন ৰূপৰ অভ্যুদয়
বুৰঞ্জী সাহিত্য, চৰিত পুথি, ব্যৱহাৰিক সাহিত্য

সবিশেষ পাঠ্যক্রম

প্ৰথম বান্ধাসিক

পাঠ্যবিষয় ১.১

অসমীয়া সাহিত্যৰ বুৰঞ্জী (আদি আৰু মধ্যযুগ)

- গোট ১ : আদিযুগৰ অসমীয়া সাহিত্য
লোক-সাহিত্য বা মৌখিক সাহিত্য
অসমীয়া লিখিত সাহিত্যৰ ফেঁছজালি : চৰ্যাপদ আৰু মিশ্ৰ-অসমীয়া সাহিত্য
- গোট ২ : প্ৰাক-শংকৰী যুগৰ অসমীয়া সাহিত্য
মাধৱ কন্দলী আৰু সমকালীন অসমীয়া সাহিত্য
হৰিবৰ বিপ্ৰ, কবিৰত্ন সবস্বতী, হেম সবস্বতী, ৰুদ্ৰ কন্দলী
- গোট ৩ : শংকৰী যুগৰ অসমীয়া সাহিত্য
শঙ্কৰী যুগৰ অসমীয়া সাহিত্যৰ পটভূমি
শঙ্কৰী যুগৰ অসমীয়া সাহিত্যৰ বৈশিষ্ট্য
শঙ্কৰী যুগৰ অসমীয়া সাহিত্যৰ ধাৰা আৰু প্ৰকাৰ
পাঁচালী সাহিত্য
- গোট ৪ : শংকৰোত্তৰ অসমীয়া সাহিত্য
ৰাজপৃষ্ঠপোষকতাত শংকৰোত্তৰ অসমীয়া সাহিত্য

প্ৰসংগ পুথিঃ

- ১) Aspect of Early Assamese Literature : (Ed.) Banikanta Kakati
- ২) Studies in the Literature of Assam : S. K. Bhuyan
- ৩) New Light on the History of Assamese Literature : D. Neog
- ৪) History of Assamese Literature : B. K. Baruah
- ৫) Assamese Literature : Hem Baruah
- ৬) অসমীয়া সাহিত্যৰ বুৰঞ্জী : ডিম্বেশ্বৰ নেওগ
- ৭) অসমীয়া সাহিত্যৰ ৰূপৰেখা : মহেশ্বৰ নেওগ
- ৮) গুৰু চৰিতৰ ইতিকথা : মহেশ্বৰ নেওগ
- ৯) অসমীয়া সাহিত্যৰ সমীক্ষাত্মক ইতিবৃত্ত : সত্যেন্দ্ৰনাথ শৰ্মা
- ১০) অসমীয়া সাহিত্যৰ বুৰঞ্জী (দ্বিতীয় খণ্ড) : (সম্পাদ) শিৱনাথ বৰ্মন
- ১১) অসমীয়া সাহিত্যৰ বুৰঞ্জী (ষষ্ঠ খণ্ড) : (সম্পাদ) হোমেন বৰগোহাঞি
- ১২) বুৰঞ্জী সাহিত্য : লীলা গগৈ
- ১৩) চৰ্যাপদ : পৰীক্ষিত হাজৰিকা
- ১৪) অসমীয়া সাহিত্যৰ সুবাস : পৰীক্ষিত হাজৰিকা
- ১৫) শংকৰদেৱৰ অধ্যয়ন প্ৰসংগ : কেশৱানন্দ দেৱগোস্বামী
- ১৬) মাধৱদেৱৰ সাহিত্য : (সম্পাদ) ভৱপ্ৰসাদ চলিহা
- ১৭) শংকৰদেৱৰ শিল্পলোক : প্ৰদীপজ্যোতি মহন্ত
- ১৮) ৰাজপৃষ্ঠপোষকতাত অসমীয়া সাহিত্য : পৰমানন্দ ৰাজবংশী

পাঠ্যবিষয় ১.২

অসমীয়া কবিতা

- গোট ১ : পুৰণি অসমীয়া কবিতা
চৰ্যাপদ (চৰ্যা নং ১ আৰু ৬)
লোকগীত : ক) আৰে দস্তাল হাতীৰ মাছত বে, খ) গুৰু মোকে
দয়া নাচাৰিবা,
মাধৱ কন্দলীৰ ৰামায়ণ : সুন্দৰাকাণ্ডৰ হনুমন্তৰ লংকা দৰ্শন
- গোট ২ : ভক্তি জাগৰণৰ কবিতা

বৰগীত : ক) শংকৰদেৱ - নাৰায়ণ কহে ভকতি কৰা তেৰা, খ)
মাধৱদেৱ - আলো মই কি কহৰ দুখ,
শংকৰদেৱঃ কীৰ্তনঘোষা (শিশুলীলা খণ্ড)
মাধৱদেৱ : নামঘোষা (ঘোষা : ১ - ৪১)

গোট ৩ : **ৰোমাণ্টিক অসমীয়া কবিতা**
চন্দ্ৰকুমাৰ আগৰৱালাৰ 'বীণ-ব'ৰাগী'
ৰঘুনাথ চৌধুৰীৰ 'দহিকতৰা'
অম্বিকাগিৰি ৰায়চৌধুৰীৰ 'মই বিপ্লৱী মই তাণ্ডৱী'
দেৱকান্ত বৰুৱাৰ 'অসার্থক'

গোট ৪ : **আধুনিক অসমীয়া কবিতা**
হেম বৰুৱাৰ 'পোহৰতকৈ এন্ধাৰ ভাল'
নৱকান্ত বৰুৱাৰ 'ইয়াত নদী আছিল'
নিৰ্মলপ্ৰভা বৰদলৈৰ 'মৰ্মাস্তিক'
নীলমণি ফুকনৰ 'সপোনতো তেওঁ মোক খেদি ফুৰিছিল'

অনুমোদিত পাঠ্যপুথি :

- ১) ৰামায়ণ : মাধৱ কন্দলী
- ২) চৰ্যাপদ : (সম্পাঃ)পৰীক্ষিত হাজৰিকা
- ৩) শ্ৰীকৃষ্ণকীৰ্তন : (সম্পাঃ) লীলাৱতী শইকীয়া বৰা
- ৪) অসমীয়া লোকগীতি সঞ্চয়ন : (সম্পাঃ) হেমন্ত কুমাৰ শৰ্মা
- ৫) বৰগীত : (সম্পাঃ) বাপচন্দ্ৰ মহন্ত
- ৬) কীৰ্তন ঘোষা আৰু নামঘোষা : (সম্পাঃ) মহেশ্বৰ নেওগ
- ৭) সঞ্চয়ন : (সম্পাঃ) মহেশ্বৰ নেওগ

প্ৰসংগ পুথি :

- ১) Aspect of Early Assamese Literature : (Ed.) Banikanta Kakati
- ২) Essays on Sankaradeva : (Ed.) Ranjit Kumar Dev Goswami
- ৩) চৰ্যাগীতি-কোষ : (সম্পাঃ) নীলৰতন সেন
- ৪) পুৰণি অসমীয়া সাহিত্য : বাণীকান্ত কাকতি
- ৫) অসমীয়া কাহিনী কাব্যৰ প্ৰবাহ : সত্যেন্দ্ৰনাথ শৰ্মা
- ৬) অসমৰ বৈষ্ণৱ সাহিত্য আৰু দৰ্শন : অনিমা দত্ত
- ৭) গোৱালপৰীয়া লোকগীতি সঞ্চয়ন : বীৰেন্দ্ৰনাথ দত্ত

- ৮) ৰামায়ণৰ ইতিবৃত্ত : সত্যেন্দ্ৰনাথ শৰ্মা
- ৯) অসমীয়া কবিতাৰ কাহিনী : ভৱানন্দ দত্ত
- ১০) কবিতাৰ কথা : নলিনীধৰ ভট্টাচাৰ্য
- ১১) আধুনিক অসমীয়া কবিতা : চন্দ্ৰ কটকী
- ১২) নতুন কবিতা আৰু প্ৰকৃতি : নিৰ্মলপ্ৰভা বৰদলৈ
- ১৩) সৃজন আৰু মনন : ইমদাদ উল্লাহ
- ১৪) সাহিত্যৰ সত্য : হীৰেণ গোঁহাই
- ১৫) অসমীয়া কবিতাৰ প্ৰবাহ (খণ্ড ২) : কবীন ফুকন
- ১৬) অসমীয়া কবিতা : কৰবী ডেকা হাজৰিকা
- ১৭) চন্দ্ৰকুমাৰ আগৰৱালা : কবীন ফুকন
- ১৭) চন্দ্ৰকুমাৰৰ কবিতা সমগ্ৰ : (সম্পাঃ) নগেন শইকীয়া
- ১৮) যোৱা শতিকাৰ কবিতাঃ অসমীয়া নৱন্যাসী সাহিত্যৰ পৰম্পৰা : দিলীপ বৰুৱা
- ১৯) অসমীয়া কবিতাঃ ৰূপান্তৰৰ পৰ্ব : ভবেন বৰুৱা
- ২০) ৰোমাণ্টিক কবিতা আৰু কাব্য বিচাৰ : বসন্ত শৰ্মা
- ২১) আধুনিক অসমীয়া কবিতাত প্ৰতীক আৰু চিত্ৰকল্প : লোপা ডেকা বৰুৱা
- ২২) আধুনিক অসমীয়া কবিতা : কামালুদ্দিন আহমেদ
- ২৩) গোৱালপৰীয়া লোক-সাহিত্যত দৃষ্টিপাত : দ্বিজেন নাথ

পাঠ্যবিষয় ১.৩

প্ৰাচ্য সমালোচনা

গোট ১ : প্ৰাচ্য সমালোচনাৰ ইতিহাস/ধাৰা
সাহিত্যৰ স্বৰূপ
সাহিত্যৰ গুণ আৰু দোষ
শব্দ শক্তি

গোট ২ : ধ্বনিবাদ
বত্ৰেগঞ্জিবাদ
ৰসবাদ
ৰীতিবাদ
ঔচিত্যবাদ

প্ৰসংগ গ্ৰন্থ :

- ১) নন্দন-তত্ত্ব : প্ৰাচ্য আৰু পাশ্চাত্য : ত্ৰৈলোক্যনাথ গোস্বামী
- ২) ধ্বনি আৰু বসতত্ত্ব : মুকুন্দ মাধৱ শৰ্মা
- ৩) সাহিত্য বিদ্যা পৰিক্ৰমা : তীৰ্থনাথ শৰ্মা
- ৪) সাহিত্য দৰ্শন : মনোৰঞ্জন শাস্ত্ৰী
- ৫) যুক্তি আৰু সৃষ্টি : হীৰেণ গৌহাই
- ৬) সাহিত্য আৰু সংজ্ঞা : প্ৰফুল্ল কটকী
- ৬) সংস্কৃত সমালোচনা শাস্ত্ৰৰ বিৱৰ্ত্তন আৰু ধাৰা : নৰেন্দ্ৰ নাথ শৰ্মা

পাঠ্যবিষয় ১.৪

অসমৰ সংস্কৃতি

- গোট ১ :** সংস্কৃতিৰ সংজ্ঞা আৰু পৰিসৰ :
সংস্কৃতি আৰু ইয়াৰ বৈশিষ্ট্য
সংস্কৃতিৰ ৰূপ আৰু ইয়াৰ সংযুতি
- গোট ২ :** অসমৰ মানুহ আৰু তেওঁলোকৰ সংস্কৃতি :
অসমৰ জনজাতি আৰু তেওঁলোকৰ সংস্কৃতি
অসমৰ জাতি আৰু তেওঁলোকৰ সংস্কৃতি
অসমৰ অন্যান্য জনগোষ্ঠী আৰু তেওঁলোকৰ সংস্কৃতি
- গোট ৩ :** অসমৰ পৰম্পৰাগত কলা :
অসমৰ ভৌতিক কলা
অসমৰ স্থাপত্য আৰু ভাস্কৰ্য
অসমৰ চাৰু আৰু কাৰু কলা (সাঁচিপতীয়া পুথি, চিত্ৰ কলা আদি)
অসমৰ পৰিৱেশ্য কলা (লোকনৃত্য, নৃত্য-গীত-বাদ্য আদি)
- গোট ৪ :** অসমৰ লোক-জীৱন :
অসমৰ ধৰ্মীয় পৰম্পৰা
অসমৰ লোকাচাৰ, লোক-বিশ্বাস আৰু লোক-চিকিৎসা
অসমৰ লোক-উৎসৱ আৰু পৰম্পৰাগত খেল-ধেমালি

প্ৰসংগ পুথি :

- ১) Cultural Anthropology: M. J. Herskovits
- ২) Background of Assamese Culture: Rajmohan Nath
- ৩) History and Civilization of the People of Assam: P. C. Choudhury
- ৪) Bihu: Springtime Festival of Assam: Prafulla Dutta Goswami
- ৪) The Sankaradeva Movement: Its Cultural Horizon: Pradip Jyoti Mahanta
- ৫) অসমৰ লোকসংস্কৃতি : বিৰিঞ্চি কুমাৰ বৰুৱা
- ৬) উৎসৱৰ ভোগজৰা : অতুল চন্দ্ৰ হাজৰিকা
- ৭) বাণীকান্ত ৰচনাৱলী : (সম্পাঃ) মহেশ্বৰ নেওগ
- ৮) পবিত্ৰ অসম : মহেশ্বৰ নেওগ
- ৯) অসমৰ লোকসংস্কৃতি : নিৰ্মলপ্ৰভা বৰদলৈ
- ১০) অসমৰ সংস্কৃতি : (সম্পাঃ) হৰিপ্ৰসাদ নেওগ আৰু লীলা গগৈ
- ১১) সত্ৰ-সংস্কৃতিৰ ৰূপৰেখা : কেশৱানন্দ দেৱগোস্বামী
- ১২) অসমৰ লোক-উৎসৱ : প্ৰমোদ চন্দ্ৰ ভট্টাচাৰ্য
- ১৩) অসমৰ সাংস্কৃতিক ইতিহাস (১ম আৰু ২য় খণ্ড) : (সম্পাঃ) নবীন চন্দ্ৰ শৰ্মা
- ১৪) অসমৰ লোক-সাহিত্যৰ আভাস : নবীন চন্দ্ৰ শৰ্মা
- ১৫) লোক-কল্প-দৃষ্টি : নীলমণি ফুকন
- ১৬) অসমৰ লোককলা : যুগল দাস
- ১৭) অসমীয়া : সুশীল শৰ্মা
- ১৮) অসমৰ পুথিচিত্ৰ : নৰেন কলিতা
- ১৯) অসমীয়া জাতিৰ ইতিবৃত্ত : অসম সাহিত্য সভা
- ২০) অসমৰ সাংস্কৃতিক সমীক্ষা: অসমীয়া বিভাগ, গুৱাহাটী বিশ্ববিদ্যালয়
- ২১) বৰ অসমৰ বৰ্ণিত সংস্কৃতি : উপেন ৰাভা হাকাচাম
- ২২) অসমীয়া জাতি আৰু সংস্কৃতি : (সম্পাঃ) পৰমানন্দ ৰাজবংশী
- ২৩) মহাতীৰ্থ অসম : শিৱ শৰ্মা
- ২৪) অসমৰ লোক-সংস্কৃতি : লোকেশ্বৰ গগৈ
- ২৫) অসমৰ সংস্কৃতি-কোষ : (সম্পাঃ) নাৰায়ণ দাস আৰু পৰমানন্দ ৰাজবংশী
- ২৫) অসমৰ জনজাতীয় সংস্কৃতি : উপেন ৰাভা হাকাচাম

পাঠ্যবিষয় ১.৫
ভাষাবিজ্ঞানৰ সাধাৰণ পৰিচয়

- গোট ১ : ভাষাবিজ্ঞান আৰু ইয়াৰ স্তৰ
ভাষাবিজ্ঞানৰ পৰিচয়
ধ্বনি আৰু ইয়াৰ উৎপাদন, বাগিন্দ্ৰিয়
অসমীয়া ধ্বনি আৰু বৰ্ণৰ পৰিচয়
ভাষাবিজ্ঞানৰ বিভিন্ন স্তৰ
- গোট ২ : ভাষাবিজ্ঞানৰ শাখা-প্ৰশাখা আৰু ভাষাৰ বৰ্গীকৰণ
ভাষাবিজ্ঞানৰ শাখা-প্ৰশাখা
ভাষাৰ বৰ্গীকৰণ আৰু পৃথিৱীৰ বিভিন্ন ভাষা পৰিয়াল
ইণ্ডো-ইউৰোপীয় ভাষা পৰিয়াল

প্ৰসংগ পুথি :

- ১) Language: L. Bloomfield
- ২) Linguistics: An Introductory Survey: R. A. Scott-James
- ৩) An Introduction to Descriptive Linguistics: H. A. Gleason
- ৪) Introductory Linguistics: R. A. Hall
- ৫) A Course in Modern Linguistics: H. A. Hockett
- ৬) Historical Linguistics: W. Lehman
- ৭) Introductory Phonology: Bruce Hays
- ৮) Introducing Phonology: David Odden
- ৯) Phonology: Andrew Spencer
- ১০) Sociolinguistics: P. Trudgil
- ১১) Introducing Language in USA: A Course- Book: Aileen Bloomer, Patrick Griffiths and Andrew John Morrison
- ১২) ভাষাবিজ্ঞান : উপেন্দ্ৰনাথ গোস্বামী
- ১৩) আধুনিক ভাষাবিজ্ঞান পৰিচয় : ফণীন্দ্ৰ নাৰায়ণ দত্তবৰুৱা
- ১৪) ভাষা-চিন্তা-বিচিত্ৰা : (সম্পাঃ) নগেন ঠাকুৰ আৰু খগেশ সেন ডেকা
- ১৫) ধ্বনি বিজ্ঞানৰ ভূমিকা : গোলোকচন্দ্ৰ গোস্বামী
- ১৬) ভাষাৰ তত্ত্বকথা : নাহেন্দ্ৰ পাদুন
- ১৭) ভাষা আৰু ভাষাচিন্তা : (সম্পাঃ) নগেন ঠাকুৰ
- ১৮) ভাষাবিজ্ঞানৰ ভূমিকা : ৰমেশ পাঠক
- ১৯) ভাষা জিজ্ঞাসা : (সম্পাঃ) লীলাৱতী শইকীয়া বৰা
- ২০) ভাষাতত্ত্ব : দীপ্তি ফুকন পাটগিৰি

- ২১) ভাষা শৈলীবিজ্ঞান : সপোন দুৱৰা
- ২২) ব্যৱহাৰিক ধ্বনিবিজ্ঞান : দীপঙ্কৰ মৰল

দ্বিতীয় ষাণ্মাসিক

পাঠ্যবিষয় ২.১

অসমীয়া সাহিত্যৰ বুৰঞ্জী (আধুনিক যুগ)

- গোট ১ : অৰুণোদই যুগৰ অসমীয়া সাহিত্য
- গোট ২ : ৰমন্যাস (ৰোমাণ্টিক) যুগৰ অসমীয়া সাহিত্য
- গোট ৩ : যুদ্ধোত্তৰ যুগৰ অসমীয়া সাহিত্য
- গোট ৪ : সাম্প্ৰতিক কালৰ অসমীয়া সাহিত্য

প্ৰসংগ পুথি :

- ১) Romantic Imagination: C. M. Bowra
- ২) The Mirror and The Lamp: M. H. Abrams
- ৩) Nature Supernaturalism: M. H. Abrams
- ৪) Romanticism: Nicholas Roe
- ৫) History of Assamese Literature : B. K. Baruah
- ৬) Assamese Literature : Hem Baruah
- ৭) অসমীয়া সাহিত্যৰ ৰূপৰেখা : মহেশ্বৰ নেওগ
- ৮) অসমীয়া সাহিত্যৰ সমীক্ষাত্মক ইতিবৃত্ত : সত্যেন্দ্ৰনাথ শৰ্মা
- ৯) অৰুণোদই : (সম্পাঃ) মহেশ্বৰ নেওগ
- ১০) অসমীয়া সাহিত্যৰ বুৰঞ্জী (ষষ্ঠ খণ্ড) : (সম্পাঃ) হোমেন বৰগোহাঞি
- ১১) এশ বছৰ অসমীয়া কবিতা (ভূমিকা) : (সম্পাঃ) হোমেন বৰগোহাঞি
- ১২) এশ বছৰ অসমীয়া উপন্যাস : (সম্পাঃ) নগেন ঠাকুৰ
- ১৩) অসমীয়া কবিতাঃ ৰূপান্তৰৰ পৰ্ব : ভবেন বৰুৱা
- ১৪) যোৱা শতিকাৰ অসমীয়া কবিতাঃ নৱন্যাসী সাহিত্যৰ পৰম্পৰা : দিলীপ বৰা
- ১৫) মাধৱ কন্দলীৰ পৰা মামনি ৰয়চমলৈ : শৈলেন ভৰালী

পাঠ্যবিষয় ২.২
অসমীয়া নাটক

- গোট ১ : পূৰ্ণ অসমীয়া নাটক; অক্ষীয়া নাট
শংকৰদেৱৰ 'পাৰিজাত হৰণ'
মাধৱদেৱৰ 'পিম্পৰা গুছোৱা'
- গোট ২ : গুণাভিৰাম বৰুৱাৰ 'ৰাম-নৰমী'
পদ্মনাথ গোহাঞিবৰুৱাৰ 'গাওঁবুঢ়া'
- গোট ৩ : প্ৰসন্নলাল চৌধুৰীৰ 'নীলাম্বৰ'
জ্যোতিপ্ৰসাদ আগৰৱালাৰ 'কাৰেঙৰ লিগিৰী'
- গোট ৪ : অৰুণ শৰ্মাৰ 'শ্ৰীনিবাৰণ ভট্টাচাৰ্য'
সতীশ চন্দ্ৰ ভট্টাচাৰ্যৰ 'মহাৰাজা'

প্ৰসংগ পুথি :

- ১) Theory of Drama: A. Nichole
- ২) Performance Theory: R. Schechner
- ৩) The Semiotics of theatre and Drama: Kair Alam
- ৪) অক্ষয়লী : (সম্পাঃ) কালিৰাম মেধি
- ৫) অক্ষীয়া নাট : বিৰিঞ্চি কুমাৰ বৰুৱা
- ৬) অসমীয়া নাট্য সাহিত্য : সত্যেন্দ্ৰনাথ শৰ্মা
- ৭) অসমীয়া নাট্যসাহিত্যৰ জিলিঙনি : হৰিশ্চন্দ্ৰ ভট্টাচাৰ্য
- ৮) অক্ষমালা : (সম্পাঃ) কেশৱানন্দ দেৱগোস্বামী
- ৯) আধুনিক নাট্য চিন্তা : সত্য প্ৰসাদ বৰুৱা
- ১০) চিন্তা-বিচিত্ৰা : মহিম বৰা
- ১১) লোক-নাট্য পৰম্পৰা : শৈলেন ভৰালী
- ১২) নাট্য-কলা দেশী-বিদেশী : শৈলেন ভৰালী
- ১৩) অসমীয়া নাটকঃ স্বৰাজোত্তৰ কাল : শৈলেন ভৰালী
- ১৪) ভাষা সাহিত্যৰ সুবাস : লীলাৱতী শইকীয়া বৰা
- ১৫) নাটকৰ কথা : পোনা মহন্ত

পাঠ্যবিষয় ২.৩
পাশ্চাত্য সাহিত্য সমালোচনা

- গোট ১ : পাশ্চাত্য সমালোচনাৰ ধাৰা
কবিতা
- গোট ২ : নাটক
ট্ৰেজেদি
- গোট ৩ : উপন্যাস
চুটিগল্প
- গোট ৪ : জীৱনী আৰু প্ৰবন্ধ সাহিত্য
সমালোচনা সাহিত্য

প্ৰসংগ পুথি :

- ১) An Introduction to Study of Literature: W. H. Hudson
- ২) The Making of Literature: R.A. Scott James
- ৩) Literary Criticism: W. K. Wimsatt Jr. and Cleanth
- ৪) History of Modern Criticism (All Volumes): Rene Wellek
- ৫) Critical Approches to Literature: David Daiches
- ৬) English Critical Text: (Ed.) D.G. Enright, Ernst De Chickera
- ৭) A History of Literary Criticism: M. A. R. Habib
- ৮) নন্দন-তত্ত্বঃ প্ৰাচ্য আৰু পাশ্চাত্য : ত্ৰৈলোক্যনাথ গোস্বামী
- ৯) সমালোচনা সাহিত্য : ত্ৰৈলোক্যনাথ গোস্বামী
- ১০) সাহিত্য উপক্ৰমণিকা : মহেন্দ্ৰ বৰা
- ১১) কবিতাৰ কথা : নলিনীধৰ ভট্টাচাৰ্য
- ১২) ট্ৰেজেদি বিচাৰ : শৈলেন ভৰালী
- ১৩) সাহিত্য আৰু সংজ্ঞা : প্ৰফুল্ল কটকী

পাঠ্যবিষয় ২.৪
সাহিত্যৰ তত্ত্ব আৰু ধাৰা

- গোট ১ : ধ্ৰুৱবাদ (Classical Theory),
- গোট ২ : ৰমন্যাসবাদ (Romanticism)

গোট ৩ : আধুনিকতাবাদ (Modernism), প্রতীকবাদ (Symbolism),
কল্পবাদ (Imagism), অতি বাস্তববাদ (Surrealism),
প্রকাশবাদ (Expressionism)

অসমীয়া সাহিত্যত আধুনিকতাবাদ

গোট ৪ : উত্তৰ-আধুনিকতাবাদ (Post-Modernism) আৰু অসমীয়া
সাহিত্য

প্ৰসংগ পুথি :

- ১) Modernism: Malcolm Bradbury and James Macfarlane
- ২) Postmodernism: Christopher Butler
- ৩) The Postmodern Condition: J. F. Lyotard
- ৪) A Glossary of Literary Terms: M. H. Abrams
- ৫) Interdisciplinary Perspectives on Modernity: (Ed.) Subha P. Pandey and Prafulla C. Kar
- ৬) Modernism: David Ayers
- ৭) Modernism: Steven Mathews
- ৮) The European Modernism: J. P. S. Uberoi
- ৯) Western Influence on Assamese Drama: Pona Mahanta
- ১০) Western Influence on Bengali Literature: P. R. Sen
- ১১) Post War Assamese Drama: Umesh Deka
- ১২) ইংৰাজী সমালোচনাৰ ধাৰা আৰু অসমীয়া সাহিত্যত ইয়াৰ প্ৰভাৱ :
ত্ৰৈলোক্যনাথ গোস্বামী
- ১৩) উপন্যাসৰ আধুনিক সমালোচনা : হীৰেণ গৌহাই
- ১৪) কবিতাৰ বিচাৰ আৰু নতুন সমালোচনা : হীৰেণ গৌহাই
- ১৫) অসমীয়া নাটকঃ স্বৰাজ্যোত্তৰ কাল : শৈলেন ভৰালী
- ১৬) বাণীকান্ত কাকতিৰ পৰা ভবেন বৰুৱালৈ : শৈলেন ভৰালী
- ১৭) সাহিত্য তত্ত্ব আৰু সমালোচনা : নাহেদু পাদুন
- ১৮) সাহিত্যৰ স্বাদ বৈচিত্ৰ্য : (সম্পাঃ) বিভা দত্ত আৰু নিবেদিতা বৰা শইকীয়া
- ১৯) অসমীয়া সাহিত্যত পাশ্চাত্য প্ৰভাৱ : অসমীয়া বিভাগ, প্ৰাগজ্যোতিষ
মহাবিদ্যালয়
- ২০) সাহিত্যৰ বাদ-বৈচিত্ৰ্য : (সম্পাঃ) নগেন শইকীয়া

পাঠ্যবিষয় ২.৫
সংস্কৃত সাহিত্যৰ বুৰঞ্জী

গোট ১ : সংস্কৃত কাব্য সাহিত্য
সংস্কৃত কাব্য সাহিত্যৰ প্ৰাৰম্ভিক কাল
সংস্কৃত কাব্য সাহিত্যৰ ধাৰা
সংস্কৃত কাব্যৰ অভ্যুত্থান : কালিদাসৰ যুগ

গোট ২ : কালিদাসোত্তৰ যুগৰ মহাকাব্য

গোট ৩ : সংস্কৃত নাট্য সাহিত্য

গোট ৪ : সংস্কৃত গদ্য কাব্য আৰু চম্পূ কাব্য

প্ৰসংগ পুথি :

- ১) History of Sanskrit Literature: A. B. Keith
- ২) History of Indian Literature: M. Winternitz
- ৩) Survey of Sanskrit Literature: C. K. Raja
- ৪) Indian Campu Literature: Its Origin and Growth: R. N. Bandopadhyaya
- ৫) সংস্কৃত সাহিত্যৰ ইতিবৃত্ত : থানেশ্বৰ শৰ্মা
- ৬) সংস্কৃত সাহিত্যৰ ইতিহাস : গোবীনাথ শাস্ত্ৰী
- ৭) পাৰিজাত হৰণ চম্পূ (ভূমিকা আৰু প্ৰথম অধ্যায়) : দীপক কুমাৰ শৰ্মা
- ৮) অপাৰে কাব্যসংসাবে : দীপক কুমাৰ শৰ্মা
- ৯) সাহিত্য বিতান : মঞ্জুলা দেৱী

তৃতীয় ষান্মাষিক

পাঠ্যবিষয় ৩.১
অসমীয়া গদ্য

গোট ১ : অসমীয়া গদ্যৰ উদ্ভৱ আৰু বিকাশ :
অসমীয়া গদ্যৰ উদ্ভৱ আৰু বিকাশ, ভট্টদেৱৰ গদ্য

কথাভাগৰতৰ তৃতীয় স্কন্ধৰ দ্বিতীয় অধ্যায়

- গোট ২ : চৰিত পুথি আৰু বুৰঞ্জীৰ গদ্য :
গুৰুচৰিত কথা, গুৰুচৰিতৰ কথাৰ নিৰ্দেশিত পাঠ্যক্রম
(অনুচ্ছেদ ৩১-১০০)
বুৰঞ্জীৰ গদ্য, আসাম বুৰঞ্জী : দিহিঙীয়া বজা
- গোট ৩ : অৰুণোদইৰ অসমীয়া গদ্য; অৰুণোদইৰ চলফাট :
আসাম দেশৰ সংক্ষেপ কথা : আনন্দৰাম ঢেকিয়াল ফুকন
অসমীয়া ভাষা : এজন অসমীয়া লোক
- গোট ৪ : আধুনিক অসমীয়া গদ্য :
হেমচন্দ্ৰ বৰুৱাৰ 'বাহিৰে ৰং চং ভিতৰে কোৱা-ভাতুৰী'
লক্ষ্মীনাথ বেজবৰুৱাৰ 'মোৰ জীৱন সোঁৱৰণ' (প্ৰথম আৰু
দ্বিতীয় অধ্যায়)
বাণীকান্ত কাকতিৰ 'নাৰী হৃদয়'

অনুমোদিত পাঠ্যপুথি :

- ১) কথা-ভাগৰত : (সম্পাঃ) মহেশ্বৰ নেওগ
- ২) গুৰুচৰিত কথা : (সম্পাঃ) মহেশ্বৰ নেওগ
- ৩) অসম বুৰঞ্জী : সুকুমাৰ মহন্ত
- ৪) অৰুণোদইৰ চলফাট : (সম্পাঃ) বিৰিঞ্চি কুমাৰ বৰুৱা
- ৫) অৰুণোদই : (সম্পাঃ) মহেশ্বৰ নেওগ
- ৬) বাহিৰে ৰং চং ভিতৰে কোৱা ভাতুৰী : হেমচন্দ্ৰ বৰুৱা
- ৭) মোৰ জীৱন সোঁৱৰণ : লক্ষ্মীনাথ বেজবৰুৱা
- ৮) সাহিত্য আৰু প্ৰেম : বাণীকান্ত কাকতি

প্ৰসংগ পুথি :

- ১) অসমীয়া কথা-সাহিত্য (পুৰণি ভাগ) : বিৰিঞ্চি কুমাৰ বৰুৱা
- ২) আধুনিক অসমীয়া সাহিত্য : মহেশ্বৰ নেওগ
- ৩) বাণীকান্ত কাকতিৰ ৰচনাৱলী : (সম্পাঃ) মহেশ্বৰ নেওগ
- ৪) সাহিত্যৰ আভাস : সত্যেন্দ্ৰনাথ শৰ্মা
- ৫) ৰামায়ণৰ ইতিবৃত্ত : সত্যেন্দ্ৰনাথ শৰ্মা
- ৬) অসমীয়া গদ্য সাহিত্যৰ গতিপথ : হৰিনাথ শৰ্মা দলৈ
- ৭) ক্ৰমবিকাশত অসমীয়া কথাশৈলী : প্ৰফুল্ল কটকী

- ৮) জীৱনী আৰু আত্মজীৱনী : গোবিন্দপ্ৰসাদ শৰ্মা
- ৯) অসমীয়া সাহিত্যলৈ মিছনাৰীসকলৰ অৱদান : বাণীকান্ত শৰ্মা
- ১০) প্ৰসংগঃ উনবিংশ শতিকাৰ অসমীয়া সাহিত্য : উমেশ ডেকা
- ১১) মধ্যযুগৰ অসমীয়া ভাষা সাহিত্যৰ ৰেঙনি : দীপ্তি ফুকন পাটগিৰি
- ১২) অৰুণোদই (১৮৫৫-১৮৬৮) নিৰ্বাচিত সংকলনঃ (সম্পাঃ)
অৰুপজ্যোতি শইকীয়া

পাঠ্যবিষয় ৩.২ অসমীয়া উপন্যাস

- গোট ১ : অসমীয়া উপন্যাসৰ গতি-প্ৰকৃতি
- গোট ২ : ৰজনীকান্ত বৰদলৈৰ 'মিৰি জীয়ৰী'
- গোট ৩ : বিৰিঞ্চি কুমাৰ বৰুৱাৰ 'জীৱনৰ বাটত'
- গোট ৪ : বীৰেন্দ্ৰ কুমাৰ ভট্টাচাৰ্যৰ 'মৃত্যুঞ্জয়'
- গোট ৫ : চৈয়দ আব্দুল মালিকৰ 'সূৰ্যমুখীৰ স্বপ্ন'

প্ৰসংগ পুথি :

- ১) The Art of the Novel: E. M. Forster
- ২) The Rise of the Novel: Jan Watt
- ৩) Post-War Assamese Novel : Umesh Deka
- ৪) অসমীয়া উপন্যাসৰ ভূমিকা : সত্যেন্দ্ৰনাথ শৰ্মা
- ৫) অসমীয়া ঐতিহাসিক উপন্যাস : শৈলেন ভৰালী
- ৬) উপন্যাসৰ আধুনিক সমালোচনা : হীৰেণ গোঁহাই
- ৭) স্বৰাজোত্তৰ অসমীয়া উপন্যাসৰ সমীক্ষা : প্ৰফুল্ল কটকী
- ৮) উপন্যাস আৰু অসমীয়া উপন্যাস : গোবিন্দপ্ৰসাদ শৰ্মা
- ৯) এশ বছৰ অসমীয়া উপন্যাস : (সম্পাঃ) নগেন ঠাকুৰ
- ১০) অসমীয়া সাহিত্যৰ বুৰঞ্জী (ষষ্ঠ খণ্ড) : (সম্পাঃ) হোমেন
বৰগোহাঞি
- ১১) অসমীয়া জীৱনীমূলক উপন্যাস : জাহ্নৱী দেৱী

পাঠ্যবিষয় ৩.৩

অসমীয়া চুটিগল্প

- গোট ১ : অসমীয়া চুটিগল্পৰ গতি প্রকৃতি
লক্ষ্মীনাথ বেজবৰুৱাৰ 'কাশীবাসী'
- গোট ২ : বৰ্মা দাসৰ 'অবুজ মায়া'
যোগেশ দাসৰ 'পৃথিৱীৰ অসুখ'
- গোট ৩ : মহিম বৰাৰ 'এখন নদীৰ মৃত্যু',
ভবেন্দ্ৰনাথ শইকীয়াৰ 'ঢোৰাসাপ'
- গোট ৪ : হোমেন বৰগোহাঞিৰ 'ভয়',
মামনি বয়চয় গোস্বামীৰ 'সংস্কাৰ'

অনুমোদিত পাঠ্যপুথি :

- ১) গল্পমঞ্জৰি : (সম্পাঃ) শৈলেন ভৰালী
- ২) অসমীয়া চুটিগল্পৰ প্ৰবাহ : (সম্পাঃ) লীলাৱতী শইকীয়া বৰা

প্ৰসংগ পুথি :

- ১) আধুনিক গল্প সাহিত্য : ত্ৰৈলোক্যনাথ গোস্বামী
- ২) অসমীয়া গল্প সংকলন (ভূমিকা) : (সম্পাঃ) হোমেন বৰগোহাঞি
- ৩) অসমীয়া চুটিগল্পৰ অধ্যয়ন : প্ৰহ্লাদ কুমাৰ বৰুৱা
- ৪) চুটিগল্প : উদয় দত্ত
- ৫) অসমীয়া সাহিত্যৰ বুৰঞ্জী (ষষ্ঠ খণ্ড) : (সম্পাঃ) হোমেন বৰগোহাঞি
- ৬) যুদ্ধোত্তৰ যুগৰ অসমীয়া চুটিগল্প : কুমুদ গোস্বামী

পাঠ্যবিষয় ৩.৪

লিপি আৰু পাঠ সমীক্ষা

- গোট ১ : অসমীয়া লিপিৰ উদ্ভৱ আৰু বিকাশ
লিপিৰ উৎপত্তি আৰু পৃথিৱীৰ প্ৰাচীন লিপি
ভাৰতীয় লিপিৰ উৎপত্তি আৰু বিকাশ
অসমীয়া লিপিৰ উদ্ভৱ আৰু বিকাশ
- গোট ২ : অসমীয়া লিপিৰ পঠন আৰু লিপ্যন্তৰ
(এই শিতানত বিদ্যাৰ্থীসকলে পুৰণি অসমীয়া লিপিৰ এটা পাঠ

অধ্যয়ন কৰি পাঠটিক আধুনিক অসমীয়া লিপিলৈ লিপ্যন্তৰ কৰিব লাগিব।)

- গোট ৩ : পাঠ-সমীক্ষাৰ সাধাৰণ পৰিচয়
পাঠ-সমীক্ষাৰ সাধাৰণ পৰিচয় আৰু ইয়াৰ প্ৰয়োজনীয়তা
পুৰণি পুথিৰ সাধাৰণ বৈশিষ্ট্য আৰু লিখন-সামগ্ৰী
পুথি অনুলিপিকৰণৰ পৰম্পৰা
পাঠৰ স্বৰূপ আৰু পাঠ-প্ৰমাদ
- গোট ৪ : পাঠ-সমীক্ষাৰ সূত্ৰ আৰু পদ্ধতি
পাঠ-সমীক্ষা পদ্ধতি
অধি-সমীক্ষা
উপস্থাপন পদ্ধতি

প্ৰসংগ পুথি :

- ১) Development of Script of Ancient Kamrupa: T. P. Verma
- ২) Introduction to Indian Textual Criticism: S. M. Katre
- ৩) Evolution of Assamese Script : Mahendre Bora
- ৪) অসমীয়া প্ৰাচীন লিপি : সৰ্বেশ্বৰ কটকী
- ৫) অসমীয়া লিপি : উপেন্দ্ৰনাথ গোস্বামী
- ৬) বিশ্বলিপিৰ ভূমিকা : নাৰায়ণ দাস
- ৭) পাঠ-সমীক্ষা : মহেশ্বৰ নেওগ
- ৮) পাঠ-সমীক্ষাৰ প্ৰসংগত : বামচৰণ ঠাকুৰীয়া
- ৯) পাঠ-সমীক্ষাঃ সূত্ৰ আৰু প্ৰয়োগবিধি : মালিনী গোস্বামী

পাঠ্যবিষয় ৩.৫ (ক)

তুলনাত্মক সাহিত্য আৰু অনুবাদ প্ৰসঙ্গ

- গোট ১ : তুলনাত্মক সাহিত্যৰ সংজ্ঞা, পদ্ধতি, প্ৰয়োগ ইত্যাদি
- গোট ২ : তুলনাত্মক সাহিত্যৰ ঐতিহাসিক প্ৰেক্ষাপট
ভাৰতীয় প্ৰেক্ষাপট
- গোট ৩ : তুলনাত্মক সাহিত্যৰ বিভিন্ন সংহতি
সংকট আৰু সম্ভাৱনা

গোট ৪ : অনুবাদ প্ৰসঙ্গ

প্ৰসংগ পুথি :

- ১) Comparative Literature: Theory and Practices: Amiya Dev
- ২) Comparative Indian Literature: K. M. George
- ৩) Translation Studies: Susan Bassnett
- ৪) Translation Studies Reader: (Ed.) Lawrence Venuti
- ৫) Introduction: Translation Studies: Theory and Applications: Jeremy Munday
- ৬) A Textbook of Translation: P. Mewmark
- ৭) Translation and Understanding: Sukanta Choudhury
- ৮) Translation Across Culture: (Ed.) Katharina Reiss
- ৯) তুলনাত্মক সাহিত্যতত্ত্ব প্ৰসংগ : বিমল কুমাৰ মুখাৰ্জী
- ১০) তুলনামূলক ভাৰতীয় সাহিত্য : নিৰঞ্জনা মহন্ত বেজবৰা
- ১১) তুলনাত্মক সাহিত্য : দিলীপ বৰা
- ১২) অনুবাদ কথা : আবুল লেইছ
- ১৩) অনুবাদ পৰিক্ৰমা : প্ৰফুল্ল কটকী
- ১৪) তুলনামূলক সাহিত্য আৰু অনুবাদৰ বিচাৰ : নীৰাজনা মহন্ত বেজবৰা
- ১৫) তুলনামূলক সাহিত্য আৰু অনুবাদ কলা : কৰবী ডেকা হাজৰিকা

পাঠ্যবিষয় ৩.৫ (খ)

ভাষাবিজ্ঞান আৰু ইয়াৰ অধ্যয়ন ক্ষেত্ৰ

গোট ১ : ভাষাবিজ্ঞানৰ আধুনিক ধাৰা
বৰ্ণনাত্মক ভাষাবিজ্ঞান (Descriptive Linguistics)
গঠনাত্মক ভাষাবিজ্ঞান (Structural Linguistics)
ৰূপান্তৰ-সৃজন বা ৰূপান্তৰ-উৎপাদক ব্যাকৰণ (Transformational Generative Grammar)

গোট ২ : ভাষাবিজ্ঞানৰ ক্ষেত্ৰ
নৃতাত্ত্বিক-ভাষাবিজ্ঞান (Anthropological/Entholinguistics)
মনোভাষাবিজ্ঞান (Psycholinguistics)
সমাজ-ভাষাবিজ্ঞান (Sociolinguistics)

শৈলীবিজ্ঞান (Stylistics)

অন্যান্য ক্ষেত্ৰ

গোট ৩ : প্ৰায়োগিক ভাষাবিজ্ঞান (Applied Linguistic)

সাধাৰণ পৰিচয় (সংজ্ঞা, পৰিসৰ আদি)

অভিধান প্ৰণয়ন কলা, কথা-বিন্যাস

গোট ৪ : অসমত ভাষাবৈজ্ঞানিক চৰ্চা

প্ৰসংগ পুথি :

- ১) Language, Culture and Society: E. Sapir
- ২) Society, Language and Sociolinguistic: (Ed.) M. K. Verma
- ৩) Sociolinguistic: (Ed.) J. B. Pride and Janate Homes
- ৪) Social and Cultural Anthropology: A very Short Introduction: J. Monaghan and P. Just
- ৫) Linguistic and Neighbouring Disciplines: R. Bantsch and T. Vennemann
- ৬) Language, Psychology and Culture: W. E. Lambert
- ৭) The Acquisition of Language: D. McNeill
- ৮) Aspects of the Theory of Syntax: Noam Chomsky
- ৯) Applied Linguistic: P. Corder
- ১০) Language Teaching: R. Lado
- ১১) Stylistics: R. Bradford
- ১২) লোকভাষাঃ লোক-সংস্কৃতি : পি, চৰকাৰ
- ১৩) উপভাষাবিজ্ঞান : দীপংকৰ মৰল
- ১৪) প্ৰয়োগ ভাষাবিজ্ঞানৰ ৰূপৰেখা : ফণীন্দ্ৰ নাৰায়ণ দত্তবৰুৱা
- ১৫) বাভামিজঃ ভাষা আৰু নিদৰ্শন : উপেন ৰাভা হাকাচাম
- ১৫) ভাষা আৰু সমাজ : সপোন দুৱৰা

চতুৰ্থ ষাণ্মাসিক

পাঠ্যবিষয় ৪.১ (ক)

সংস্কৃত সাহিত্য

- গোট ১ : কাব্য
কালিদাসৰ 'বঘুবংশম্' (প্ৰথম আৰু দ্বিতীয় সৰ্গ)
- গোট ২ : নাটক
কালিদাসৰ 'অভিজ্ঞানশকুন্তলম্'
- গোট ৩ : প্ৰকৰণ
শূদ্ৰকৰ 'ম্ৰচ্ছকটিকম্' (প্ৰথম - দশম অংক)

প্ৰসংগ পুথি :

- ১) History of Sanskrit Literature: A. B. Keit
- ২) Sanskrit Drama: A. B. Keit
- ৩) History of Sanskrit Drama (Vol. I): M. Winternitz
- ৪) Types of Sanskrit Drama: D. R. Mankind
- ৫) Law and Practice of Sanskrit Drama: S. N. Shastri
- ৬) উপমা কালিদাসস্য : মুকুন্দ মাধৱ শৰ্মা
- ৭) অভিজ্ঞান শকুন্তলম্ঃ এক সমীক্ষা : থানেশ্বৰ শৰ্মা
- ৮) ম্ৰচ্ছকটিকমীমাংসা : মালিনী গোস্বামী
- ৯) বঘুবংশ কাব্যম্ : মালিনী গোস্বামী

পাঠ্যবিষয় ৪.১ (খ)

মধ্যভাৰতীয় আৰ্যভাষাৰ পাঠ

- গোট ১ : পালি ভাষা আৰু সাহিত্য
পালি ভাষা
অশোকৰ অনুশাসনমালা (১ আৰু ২ নং গিৰ্ণাৰ)
ধম্মপদ (চিত্ত বগ্নৰ ১ম - ৮ম শ্লোক আৰু পণ্ডিত বগ্নৰ ১ম - ৮ম শ্লোক)
- গোট ২ : প্ৰাকৃত ভাষা আৰু সাহিত্য

প্ৰাকৃত ভাষা

গাহাসত্তসঙ্গী (১, ২, ৭, ৯, ১০, ১৬, ১৯ আৰু ২০)

কৰ্পূৰমঞ্জৰী (১ম যৱনিকাৰ ২২-৩২ নং শ্লোক)

গোট ৩ : অপভ্ৰংশ ভাষা আৰু সাহিত্য

অপভ্ৰংশ ভাষা

সন্দেশ-ৰাসক (২য় প্ৰক্ৰমৰ ১-১০ নং শ্লোক)

কীৰ্তিলতা (১-৮ নং শ্লোক)

প্ৰসংগ পুথি :

- ১) Asokan Edicts: Amulya Sen
- ২) The Structure and Development of Middle Indo-Aryan Dialects: Vit Bubenik
- ৩) অশোকৰ অনুশাসনমালা : নগেন ঠাকুৰ
- ৪) প্ৰাকৃত সাহিত্য : সত্যেন্দ্ৰ নাৰায়ণ গোস্বামী
- ৫) প্ৰাকৃত সাহিত্যৰ অধ্যয়ন : নগেন ঠাকুৰ
- ৬) প্ৰাকৃত সাহিত্য চয়ন : নগেন ঠাকুৰ
- ৭) ধম্মপদ : (সম্পাঃ) সত্যেন্দ্ৰ নাৰায়ণ গোস্বামী
- ৮) প্ৰাকৃত পাঠ-মঞ্জুসা : (সম্পাঃ) সত্যেন্দ্ৰ নাৰায়ণ গোস্বামী
- ৯) কৰ্পূৰমঞ্জৰী : (সম্পাঃ) কেশৱানন্দ দেৱগোস্বামী

পাঠ্যবিষয় ৪.২ (ক)

ভক্তি সাহিত্য

গোট ১ : ভক্তি অৰু ভক্তি জাগৰণ

ভক্তিৰ স্বৰূপ, ভক্তি জাগৰণ আৰু পুৰাণ সাহিত্য

গোট ২ : অসমীয়া ভক্তি ধৰ্ম আৰু ভক্তি সাহিত্য :

অসমীয়া বৈষ্ণৱ ভক্তি সাহিত্যৰ সাধাৰণ আভাস (শঙ্কৰদেৱৰ পৰা উত্তৰ বৈষ্ণৱ যুগলৈ)

শংকৰদেৱৰ 'ভক্তি-প্ৰদীপ'

মাধৱদেৱৰ 'ভক্তি-বত্নাৱলী'

গোট ৩ : শৈৱ ধৰ্ম আৰু অসমীয়া শৈৱ সাহিত্য :

শৈৱ ধৰ্ম আৰু অসমীয়া শৈৱ সাহিত্য

ৰুদ্ৰসিংহৰ 'শিৱ-পুৰাণ'

গোট ৪ : শাক্ত ধৰ্ম আৰু অসমীয়া শাক্ত সাহিত্য :
শাক্ত ধৰ্ম আৰু অসমীয়া শাক্ত সাহিত্য
ৰুচিনাথ কন্দলীৰ 'শ্ৰীশ্ৰী চণ্ডী'
নাৰায়ণদেৱৰ 'পদ্মা-পুৰাণ' (ভাটিয়ালী খণ্ড)

প্ৰসংগ পুথি :

- ১) Bhakti Yoga: Swami Vivekananda
- ২) Bhakti Rahasya: Swami Vivekananda
- ৩) Vaisnavite Myths and Legends: Banikanta Kakati
- ৪) Mother Goddess Kamakhya: Banikanta Kakati
- ৫) Sankaradeva and His Times: M. Neog
- ৬) Bhakti Ratnakara of Sankaradeva and History of the Concept of Bhakti (Introduction only): (Ed.) M. Neog
- ৭) Neo-Vaisnavite Movement and the Satra Institution of Assam: S. N. Sarma
- ৮) ভক্তিবাদ : তীৰ্থনাথ শৰ্মা
- ৯) বৈষ্ণৱ ভক্তিধাৰা আৰু সন্তকথা : উপেন্দ্ৰনাথ গোস্বামী
- ১০) মনসা কাব্য (মনকাৰি আৰু দুৰ্গাবৰী) : (সম্পাঃ) বিৰিঞ্চি কুমাৰ বৰুৱা আৰু সত্যেন্দ্ৰনাথ শৰ্মা
- ১১) পুৰণি কামৰূপৰ ধৰ্মৰ ধাৰা : বাণীকান্ত কাকতি
- ১২) অসমত শক্তি সাধনা আৰু শাক্ত সাহিত্য : হৰিনাথ শৰ্মাদলৈ
- ১৩) শ্ৰীশ্ৰীচণ্ডী : (সম্পাঃ) পৰীক্ষিৎ হাজৰিকা
- ১৪) শ্ৰীশ্ৰীচণ্ডী : (সম্পাঃ) নবীন চন্দ্ৰ শৰ্মা
- ১৫) পুৰণি অসমীয়া সমাজ আৰু সংস্কৃতি : মহেশ্বৰ নেওগ
- ১৬) অসমৰ দৰমাৰ বুৰঞ্জীঃ আন্ধাৰ আৰু পোহৰ : মহেশ্বৰ নেওগ
- ১৭) দেৱী : নিৰ্মলপ্ৰভা বৰদলৈ
- ১৮) শিৱ : নিৰ্মলপ্ৰভা বৰদলৈ
- ১৯) শিৱপুৰাণ : (সম্পাঃ) নবীন চন্দ্ৰ শৰ্মা
- ২০) লোক-দেৱতা শিৱ : বীৰেন্দ্ৰ কুমাৰ গাঁহাই
- ২০) পুৰাণৰ পৰিচয় : বিমল মজুমদাৰ
- ২০) ভক্তি সাহিত্য : বিমল মজুমদাৰ

পাঠ্যবিষয় ৪.২ (খ)

ভাৰতীয় আৰ্যভাষাৰ তুলনামূলক ব্যাকৰণ

গোট ১ : সংস্কৃত পালি-প্ৰাকৃত আৰু অসমীয়া ভাষাৰ ধ্বনি বিচাৰ
ভাৰতীয় আৰ্যভাষাৰ সাধাৰণ পৰিচয়
সংস্কৃত-পালি-প্ৰাকৃত আৰু অসমীয়াৰ স্বৰ আৰু ব্যঞ্জনৰ তুলনা
সংস্কৃত-পালি-প্ৰাকৃত আৰু অসমীয়া ভাষাৰ সন্ধি বিচাৰ

গোট ২ : সংস্কৃত পালি-প্ৰাকৃত আৰু অসমীয়া ৰূপতাত্ত্বিক বিচাৰ
সংস্কৃত-পালি-প্ৰাকৃত আৰু অসমীয়া ভাষাৰ শব্দৰূপ
সংস্কৃত, পালি-প্ৰাকৃত আৰু অসমীয়া ধাতুৰূপ

প্ৰসংগ পুথি :

- ১) A Sanskrit Grammar for Students: A. A. Macdonell
- ২) The Sanskrit Language: T. Burrou
- ৩) Sanskrit Grammar: W. D. Whitney
- ৪) Pali Prakash: B. Shastri
- ৫) Pali Language and Literature: W. Geiger
- ৬) Prakrit Grammar of Vararuchi: (Ed.) E. D. Cowell
- ৭) The Structure and Development of Middle Indo-Aryan Dialects: Vit. Bubenict
- ৮) Introduction to Prakrit: A. C. Woolner
- ৯) সমগ্ৰ ব্যাকৰণ কৌমুদী : ঈশ্বৰ চন্দ্ৰ বিদ্যাসাগৰ
- ১০) সংস্কৃত ও প্ৰাকৃত ভাষাৰ ক্ৰমবিকাশ : পৰেশ চন্দ্ৰ মজুমদাৰ
- ১১) পালি-প্ৰাকৃত-অপভ্ৰংশ ভাষা আৰু সাহিত্য : নগেন ঠাকুৰ
- ১২) সংস্কৃত-পালি-প্ৰাকৃত আৰু অসমীয়া ব্যাকৰণ : লীলাৱতী শইকীয়া বৰা

পাঠ্যবিষয় ৪.৩ (ক)
পাশ্চাত্য সাহিত্য

- গোট ১ : পাশ্চাত্য কবিতা
ৰড্‌ছৰ্থৰ 'টিণ্টাৰ্ণ এবি'
শ্বেলীৰ 'অ'ড টু দ্য ৰেষ্ট উইণ্ড'
ব্রাউনিঙৰ 'মাই লাষ্ট ডাছেচ'
এলিয়টৰ 'প্ৰিলিউদছ'
- গোট ২ : পাশ্চাত্য নাটক
ছেমুৰেল বেকেটৰ 'ৰেইটিং ফৰ গডো'
হেন্ৰিক্‌ ইব্‌ছেনৰ 'এন এনিমি অৱ দ্য পিপুল'
- গোট ৩ : পাশ্চাত্য উপন্যাস
আণেষ্টি হেমিংৱেৰ 'দ্য অ'ল্ড ম্যেন এণ্ড দ্য চি'
এলবাৰ্ট কেয়ম্বৰ 'দ্য প্লেগ'
- গোট ৪ : পাশ্চাত্য চুটিগল্প
ডি এইচ্‌ লৰেঞ্চৰ 'দ্য লাষ্ট লাফ'
এলেন্‌ পোৰ 'দ্য কাস্ক এমোন্টিলেদো'

অনুমোদিত পাঠ্যপুথি :

- ১) The Winged Word: David Green
- ২) Short Stories of the Nineteen Century: J. G. Fyfe

প্ৰসংগ পুথি :

- ১) Romanticism: L. Abercrombie
- ২) The Design of T. S. Eliot's Poetry: Elizabeth Drew
- ৩) Key to Modern Poetry: L. Dorrel
- ৪) Twentieth Century Drama: B. Gascoigne
- ৫) Albert Camus: Philip Thody
- ৬) ৰমন্যাসবাদ : মহেন্দ্ৰ বৰা
- ৭) গদ্যৰ প্ৰতীক্ষাত : (অনুঃ) শৈলেন ভৰালী
- ৮) ইব্‌ছেনৰ নাট্য প্ৰতিভা : তাৰিণীকান্ত ভট্টাচাৰ্য
- ৯) সাহিত্যৰ চিন্তা-চৰ্চা : বীৰেণ বৰকটকী

পাঠ্যবিষয় ৪.৩ (খ)

অসমীয়া ভাষাৰ ঐতিহাসিক বিকাশ আৰু ইয়াৰ সাম্প্ৰতিক গাঁথনি

- গোট ১ : অসমীয়া ভাষাৰ উদ্ভৱ আৰু বিকাশ
অসমীয়া ভাষাৰ ক্ৰমবিকাশ
অসমীয়া ভাষাৰ ঐতিহাসিক বিচাৰ
অসমীয়া ভাষাৰ উদ্ভৱ আৰু বিকাশত সম্ভাৰ্য আৰ্যভিন্ন প্ৰভাৱ
- গোট ২ : অসমীয়া ভাষাৰ ধ্বনিতত্ত্ব আৰু ৰূপতত্ত্ব
অসমীয়া ভাষাৰ ধ্বনিতত্ত্ব
অসমীয়া ভাষাৰ ৰূপতত্ত্ব : শব্দ গঠন
অসমীয়া ভাষাৰ ৰূপতত্ত্ব : কাৰক আৰু ক্ৰিয়া
অসমীয়া ভাষাৰ ৰূপতত্ত্ব : 'ব্যাকৰণগত বিষয়'
- গোট ৩ : অসমীয়া ভাষাৰ অৰ্থতত্ত্ব আৰু বাক্যতত্ত্ব
অসমীয়া ভাষাৰ অৰ্থতত্ত্ব
অসমীয়া ভাষাৰ বাক্যতত্ত্ব
- গোট ৩ : মগধীয় ভাষা হিচাপে অসমীয়া ভাষা
মগধীয় ভাষাসমূহৰ উদ্ভৱ আৰু বিকাশ
অসমীয়া ভাষাৰ স্বতন্ত্ৰতা

প্ৰসংগ পুথি :

- ১) Assamese: Its Formation and Development: Banikanta Kakati
- ২) Introduction to Assamese Phonology: G. C. Goswami
- ৩) Historical Linguistics and Indo-Aryan Languages: A. M. Ghattage
- ৪) Growth of the Assamese Language: D. Neog
- ৫) Origin and Development of the Bengali Language (Vol. I): S. K. Chatterjee
- ৬) Structure of Assamese: G. C. Goswami
- ৭) An Introduction to Assamese: U. N. Goswami
- ৮) অসমীয়া ব্যাকৰণ আৰু ভাষাতত্ত্ব : কালিৰাম মেধি

- ৯) অসমীয়া ভাষাৰ মৌলিক বিচাৰ আৰু সাহিত্যৰ চানেকি : দেৱানন্দ ভৰালি
- ১০) অসমীয়া ব্যাকৰণৰ মৌলিক বিচাৰ : গোলোকচন্দ্ৰ গোস্বামী
- ১১) অসমীয়া ভাষাৰ উদ্ভৱ, সমৃদ্ধি আৰু বিকাশ : উপেন্দ্ৰনাথ গোস্বামী
- ১২) অসমীয়া ভাষাৰ ব্যাকৰণ : উপেন্দ্ৰনাথ গোস্বামী
- ১৩) বৰ্ণ-প্ৰকাশ : গোলোকচন্দ্ৰ গোস্বামী
- ১৪) অসমীয়া ব্যাকৰণ প্ৰবেশ : গোলোকচন্দ্ৰ গোস্বামী
- ১৫) অসমীয়া ভাষাৰ ইতিহাস : ৰমেশ পাঠক

**পাঠ্যবিষয় ৪.৪ (ক)
ভাৰতীয় সাহিত্য অধ্যয়ন**

গোট ১ : বাংলা সাহিত্য

- কবিতা : ৰবীন্দ্ৰনাথ ঠাকুৰৰ 'ভাৰততীৰ্থ'
জীৱনানন্দ দাশৰ 'বনলতা সেন'
চুটিগল্প : ৰবীন্দ্ৰনাথ ঠাকুৰৰ 'কাবুলিৱালা'
শৰৎ চন্দ্ৰ চট্টোপাধ্যায়ৰ 'অভাগীৰ স্বৰ্গ'
উপন্যাস : বিভূতিভূষণ বন্দোপাধ্যায়ৰ 'পথেৰ পাঁচালী'

গোট ২ : হিন্দী সাহিত্য

- কবিতা : সুমিত্ৰানন্দন পন্তৰ 'মৌন নিমন্ত্ৰণ'
মৈথেলীশৰণ গুপ্তৰ 'সাকেত' (নৱম সৰ্গ)
চুটিগল্প : প্ৰেমচন্দ্ৰৰ 'নিৰ্মলা'
উষা প্ৰিয়ম্বদাৰ 'ৰাপচী'
উপন্যাস : চন্দ্ৰধৰ শৰ্মা (গুলেৰী)-ৰ 'উসনে কঁহা থা'

অনুমোদিত পাঠ্যপুথি :

- ১) আধুনিক কাব্য সংগ্ৰহ : (সম্পাঃ) বিজয়েন্দ্ৰ স্নাতক
- ২) সঞ্চয়িতা : ৰবীন্দ্ৰনাথ ঠাকুৰ
- ৩) বনলতা সেন : জীৱনানন্দ দাশ
- ৪) শ্ৰেষ্ঠ কাহানীয়াঁ : (সম্পাঃ) বিজয়পাল সিং
- ৫) কথাগুচ্ছ : (সম্পাঃ) এইচ, চি, চৰকাৰ

প্ৰসংগ পুথি :

- ১) Comparative Indian Literature: K. M. George
- ২) Comparative Literature: Theory and Practices: Amiya Dev

- ৩) Comparative Indian Literature: K. M. George
- ৪) তুলনাত্মক সাহিত্যতত্ত্ব প্ৰসংগ : বিমল কুমাৰ মুখাৰ্জী
- ৫) আধুনিক ভাৰতীয় সাহিত্য : শৈলেন ভৰালী
- ৬) তুলনামূলক ভাৰতীয় সাহিত্য : নিৰঞ্জন মহন্ত বেজবৰা
- ৭) তুলনাত্মক সাহিত্য : দিলীপ বৰা
- ৮) ৰবীন্দ্ৰ প্ৰতিভাৰ পৰিচয় : ভৱানন্দ দত্ত
- ৯) আধুনিক বাংলা কাব্য পৰিচয় : দীপ্তি ত্ৰিপাঠী
- ১০) বাংলা উপন্যাসেৰ কালান্তৰ : শ্ৰীকুমাৰ বেনাৰ্জী
- ১১) হিন্দী উপন্যাস : শিৱনাৰায়ণ শ্ৰীবাস্তৱ
- ১২) প্ৰেমচান্দ ওউৰ উনকা যুগ : ৰামবিলাস শৰ্মা
- ১৩) সাকেত : এক অধ্যয়ন : নগেন্দ্ৰ
- ১৪) নয়া কাহানী কি ভূমিকা : কমলেশ্বৰ

পাঠ্যবিষয় ৪.৪ (খ)

সমাজ ভাষাঞ্জ্ঞান, উপভাষা-বিজ্ঞান আৰু অসমীয়া ভাষাৰ উপভাষা

গোট ১ : সমাজ ভাষাঞ্জ্ঞান

- সমাজ-ভাষাবিজ্ঞানৰ সাধাৰণ পৰিচয়
অসমীয়া নৃ-গোষ্ঠীয় উপভাষা (ৰাভামিজ, তিৰামিজ, সোনোৱাল
কছাৰীৰ কথিত অসমীয়া, মিছিং অসমীয়া, আহোম অসমীয়া, হাজং
অসমীয়া)

গোট ২ : উপভাষা-বিজ্ঞান

- উপভাষা
উপভাষা-বিজ্ঞানৰ তত্ত্ব

গোট ৩ : অসমীয়া ভাষাৰ উপভাষা

- উজনি অসমৰ উপভাষা
কামৰূপী উপভাষা
গোৱালপৰীয়া উপভাষামধ্য
অসমৰ উপভাষা
দৰঙী উপভাষা

প্ৰসংগ পুথি :

- ১) Dialectology: An Introduction to : W. N. Francis
- ২) Dialectology: Chambers and Trudgill
- ৩) Language: L. Bloomfield
- ৪) Language Issue of the Assam Academy Review 1971: (Ed.) B. Baruah
- ৫) A Study on Kamrupi: A Dialect of Assamese : U. N. Goswami
- ৬) অসমীয়া ভাষা আৰু উপভাষা : উপেন্দ্ৰনাথ গোস্বামী
- ৭) ভাষা-সমাজ আৰু সংস্কৃতি : উপেন্দ্ৰনাথ গোস্বামী
- ৮) ভাষা আৰু ভাষাণিকা : গোলোকচন্দ্ৰ গোস্বামী
- ৯) আধুনিক ভাষাবিজ্ঞান পৰিচয় : ফণীন্দ্ৰ নাৰায়ণ দত্তবৰুৱা
- ১০) ভাষা-সংস্কৃতিৰ জলঞ্জাইদি : বীৰেন্দ্ৰনাথ দত্ত
- ১১) উপভাষাবিজ্ঞানৰ ভূমিকা : ৰমেশ পাঠক
- ১২) অসমীয়া ভাষাৰ উপভাষা : (সম্পাঃ) দীপ্তি ফুকন পাটগিৰি
- ১৩) উপভাষাবিজ্ঞান : দীপংকৰ মৰল
- ১৪) ৰাভামিজ : উপেন ৰাভা হাকাচাম
- ১৫) কামৰূপী উপভাষাঃ এটি অধ্যয়ন : বিভা ভৰালী
- ১৬) গোৱালপৰীয়া উপভাষাঃ ৰূপ বৈচিত্ৰ : (সম্পাঃ) বিভা ভৰালী আৰু কল্পনা তালুকদাৰ

পাঠ্যবিষয় ৪.৫ (ক)

বিশেষ লিখকৰ নিৰ্বাচিত ৰচনা

- গোট ১ : মাধৱদেৱ আৰু অসমীয়া ৰামায়ণী সাহিত্য
মাধৱদেৱ আৰু তেওঁৰ সাহিত্য-কৃতি
অসমীয়া ৰামায়ণী সাহিত্য
মাধৱদেৱৰ 'আদিকাণ্ড ৰামায়ণ'
- গোট ২ : মাধৱদেৱৰ নাটক
অক্ষীয়া নাট
মহাপুৰুষ মাধৱদেৱৰ নাট
মাধৱদেৱৰ 'অৰ্জুন-ভঞ্জন' নাটক

গোট ৩ : জ্যোতিপ্ৰসাদ আগৰৱালা

জ্যোতিপ্ৰসাদ আগৰৱালা আৰু তেওঁৰ ৰচনাসম্ভাৰ
জ্যোতিপ্ৰসাদ আগৰৱালাৰ কবিতা
জ্যোতিপ্ৰসাদ আগৰৱালাৰ নাটক, 'শোণিত কুঁৱৰী', 'ৰূপালীম',
'লাভিতা'

প্ৰসংগ পুথি :

- ১) Madhavadeva: Life, Art and Thought : Karabi Deka Hazarika
- ২) মাধৱদেৱৰ বাক্যমৃত : (সম্পাঃ) প্ৰফুল্ল চন্দ্ৰ গোস্বামী
- ৩) জ্যোতিপ্ৰসাদ ৰচনাৱলী : (সম্পাঃ) হীৰেণ গৌহাই
- ৪) মাধৱদেৱৰ ৰচনাৱলী : (সম্পাঃ) ভৱপ্ৰসাদ চলিহা
- ৫) মাধৱদেৱ আৰু সংস্কৃতি : (সম্পাঃ) ভৱপ্ৰসাদ চলিহা
- ৬) জ্যোতি অন্বেষণ : (সম্পাঃ) লীলাৱতী শইকীয়া বৰা আৰু নমিতা ডেকা
- ৭) মাধৱদেৱঃ সাহিত্য, কলা আৰু দৰ্শন : কৰবী ডেকা হাজৰিকা

পাঠ্যবিষয় ৪.৫ (খ)

অসমৰ তিব্বত-বৰ্মীয় ভাষা আৰু ভাষাতত্ত্ব

- গোট ১ : অসমীয়া আৰু অসমৰ তিব্বত-বৰ্মীয় ভাষা
অসমীয়া আৰু অসমৰ ভাষা-উপভাষা
অসমীয়া ভাষাত তিব্বত-বৰ্মীয় উপাদান
তিব্বত-বৰ্মীয় ভাষাত আৰ্য উপাদান
- গোট ২ : অসমীয়া আৰু অসমৰ তিব্বত-বৰ্মীয় ভাষাৰ ৰূপতত্ত্ব (১)
অসমীয়া আৰু তিব্বত-বৰ্মীয় ভাষাৰ সম্বন্ধবাচক শব্দ
অসমীয়া আৰু তিব্বত-বৰ্মীয় ভাষাৰ সংখ্যাবাচক শব্দ
অসমীয়া আৰু তিব্বত-বৰ্মীয় ভাষাৰ সৰ্বনাম
- গোট ৩ : অসমীয়া আৰু অসমৰ তিব্বত-বৰ্মীয় ভাষাৰ ৰূপতত্ত্ব (২)
অসমীয়া আৰু তিব্বত-বৰ্মীয় ভাষাৰ বিশেষণ
অসমৰ তিব্বত-বৰ্মীয় ভাষাৰ ক্ৰিয়া পদ
অসমীয়া ভাষাৰ ক্ৰিয়া আৰু তিব্বত-বৰ্মীয় ভাষাৰ লগত ইয়াৰ তুলনা

প্রসংগ পুথি :

- ১) Linguistic Survey of India: (Ed.) G. A. Geirson
- ২) North East Indian Linguistics: Stephen Morey and Mark Post
- ৩) Garo Grammar: R. Buring
- ৪) Sino-Tibetan: A Conspectus: Paul K. Benedict
- ৫) Outline of Tibeto-Burman Linguistic Morphology: S. N. Welfenden
- ৬) A Descriptive Analysis of Boro Language: P. C. Bhattacharya
- ৭) Languages of North-East: (Ed.) P. N. Dutta Baruah
- ৮) Boro Vocabulary: D. N. Bhatt
- ৯) Assamese and Boro: A Comparative and Contrastive Study: Madhuram Boro
- ১০) Studies in Sino-Tibetan Languages: S. N. Goswami
- ১১) অসমৰ ভাষা : ভীমকান্ত বৰুৱা
- ১২) মিচিং ভাষাৰ পৰিচয় : নাহেন্দ্ৰ পাদুৱা
- ১৩) অসমীয়া আৰু অসমৰ তিব্বত-বৰ্মীয় ভাষা : উপেন ৰাভা হাকাচাম
- ১৪) ৰাভা ভাষা আৰু সাহিত্য : উপেন ৰাভা হাকাচাম

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ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III

SLM covering syllabus

Sr. No.	Semester	Course Code	Course Name
1	I	1.1	History of Assamese Literature (Early and Medieval Period)
2		1.2	Assamese Poetry
3		1.3	Eastern Literary Criticism
4		1.4	Culture of Assam
5		1.5	Introduction to Linguistics
6	II	2.1	History of Assamese Literature (Modern Period)
7		2.2	Assamese Drama
8		2.3	Western Literary Criticism
9		2.4	Literary Theory and Trends
10		2.5	Introduction to Sanskrit Literature
11	III	3.1	Assamese Prose
12		3.2	Assamese Novel
13		3.3	Assamese Short Story
14		3.4	Script and Textual Criticism
15		3.5(A)	Comparative Literature and Translation Studies
16		3.5(B)	Linguistics and Its Fields of Study
17	IV	4.1(A)	Bhakti Literature
18		4.1(B)	Middle Indo-Aryan Texts
19		4.2(A)	Sanskrit Literature
20		4.2(B)	Comparative Grammar of Indo-Aryan Language
21		4.3(A)	Western Literature
22		4.3(B)	Historical Development of Assamese Language and its Present Structure
23		4.4(A)	Study of Indian Literature
24		4.4(B)	Socio- Linguistics, Dialectology and Dialects of Assamese Language
25		4.5(A)	Selected texts of Special Author
26		4.5(B)	Tibeto-Burman Languages and Linguistics

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

Programme Project Report

PPR ID : GU/GUIDOL/PPR/09 (Total no. pages : 14)

Programme: M.A. in BENGALI

1. Programme mission and objective:

The mission of the Programme to be launched is "to foster the latent aesthetic and critical capabilities of students for proper appreciation of the fullest import of Language and literature on the individual and society and also to create the knowledge of the Bengali language, literature and culture".

Objectives of the Programme:

- to promote higher education and research in the field of Bengali Language, Literature and Culture,
- to enhance and develop their knowledge and understanding of the theoretical foundations of Bengali Language, Literature and Culture,
- to utilize the pool of human resources from the domain of Bengali literature into its various allied domains for the sustenance of culture in society at large,
- to think critically to aid decision-making
- to generate competent and well-educated man-power for the teaching profession as well as manning positions as research associates in public/private sector academic institutions.

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Bengali was established in 1961 and has set up, over the years, a close



No. _____
Programme Project Report
Gauhati University, Guwahati-781 005

association with different cultural bodies and literary foundations of local languages which gives opportunity to the students to acquire knowledge of language, literature and culture.

Keeping in view the motto of “*Quality Higher Education For All*” Masters of Arts in Bengali to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in field of Bengali Literature and language to those aspiring candidates who are deprived of higher education due to the limited number of intake in the conventional mode of education in the Universities. Moreover, to keep the quality intact the curriculum and syllabi has been designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and target group of learners: Our target group includes-

- (1) those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- (2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- (3) drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- (4) job seekers.
- (5) life-long learners

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI, external experts and teachers of IDOL, keeping in view the needs of the diverse class of learners.

3. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence- The programmes to be offered through ODL Mode will have certain learning outcomes. The programmes will help the learners

- *to enhance and develop their knowledge and understanding of the theoretical foundations of Bengali Language, Literature and Culture*
- *to create knowledge of the contribution and effect of the Bengali language, literature and culture in the people and local languages of the north eastern of the India,*
- *to acquire a foundation for future research in the field of Language, Literature and Culture at large,*
- *to commit to action that demonstrates care for others*

The learners will also be acquainted with various generic skills and competencies for Team Work, Time Management, Commercial Awareness, Critical thinking and comparative analysis.

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI, IDOL, keeping in view the needs of the diverse class of learners.
- b) **Detailed Syllabus:** File containing detailed syllabus is attached.
- c) **Duration of the Program:** Minimum 2 years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in 4 (four) semesters having 4(four) course/paper in each semesters and also facility chose of optional courses. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (Enclosure-III). Counselling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.

e) **Faculty:**

1. Prof. Amalendu Chakrabarty, Head of the Department, Department of Bengali, Gauhati University nominated as Coordinator of the ODL programme in Economics
2. Part time resource persons drawn from amongst teachers of affiliated colleges, researchers and faculty staff of the Department of HEI.

f) **Media:** Print Media, ICT based content, content delivered through e-learning portal.

g) **Student Support Service:** In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-

(i) **Network of Study Centres:** To assist its learner IDOL has established 96 study centres throughout the State of Assam.(within the territorial jurisdiction)

(ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

(iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

- iv) **Dynamic Website www.idolgu.in** : IDOL has its own dynamic website where one can get all the information regarding IDOL, its programme, up-coming events, examination result etc.
- v) **Computerised admission process with provision of online admissions**: The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in .
- vi) **Flexible Walk in Group Counselling (FWGC)**: Regular group and individual counselling will be held in the IDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio**: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. **Procedure for Admissions, Curriculum transaction and Evaluation-**

Admission- The admission process starts from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for MA in Bengali is any graduates from any recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00 (Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor

Curriculum transaction: The curriculum shall be transacted throughout the year as per the *Activity Planner* which is enclosed as an annexure.

Evaluation- Each course/module shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of the Gauhati University .

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines related to commerce education are available.

8. **Estimated cost of the Programme:** Total estimated cost of the programme is approximately Rs. 40 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. **Quality assurance Mechanism and Expected Programme outcome:**

- **Quality assurance Mechanism** :The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.
- **Expected Programme outcome:** The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below-

Course Benchmark Statement: Master's degree in the Bengali shall be awarded to those learners who demonstrate:

- knowledge and understanding of the theoretical foundations of Bengali Language, Literature and Culture
- competency in the domain of literary criticism and analysis
- mastery over the language for use in all communicative purposes such as reading, writing, speaking, and performing
- professional competency in the relevant field.

M.A (IDOL) Syllabus

1st Semester-- History of Bengali Literature & Mediaval Text

1st Paper: প্রাচীন ও মধ্যযুগের বাংলা সাহিত্যের ইতিহাস ও কাব্য

Unit One-- বাংলা সাহিত্যের ইতিহাস ষোড়শ শতক পর্যন্ত

Unit Two-- বাংলা সাহিত্যের ইতিহাস ১৬০১-১৭৫৭

Unit Three-- চর্যাপদ (কাহ্ন ও ভূসুকু- পাঁচটি করে পদ)

Unit Four-- শ্রীকৃষ্ণকীর্তনকাব্য (নির্বাচিত অংশ- তাম্বুল এবং বিরহখণ্ড)

2nd Paper: আধুনিক বাংলা গদ্য সাহিত্যের ইতিহাস

Unit One-- বাংলা গদ্যের বিকাশ, সাময়িক পত্র এবং প্রবন্ধের ইতিহাস

Unit Two-- বাংলা ছোটগল্পের ইতিহাস ১৯৭২ পর্যন্ত

Unit Three-- উপন্যাস-- রবীন্দ্র-পূর্ববর্তী ও রবীন্দ্রনাথ

Unit Four-- উপন্যাস-- রবীন্দ্র-সমসাময়িক ও রবীন্দ্র-পরবর্তী

3rd Paper: আধুনিক বাংলা কাব্য ও নাটকের ইতিহাস

Unit One-- বাংলা কবিতার ইতিহাস-- উনিশ শতক

Unit Two-- বাংলা কবিতার ইতিহাস-- ১৯৭২ পর্যন্ত

Unit Three-- বাংলা নাটকের ইতিহাস -- উনিশ শতক

Unit Four-- বাংলা নাটকের ইতিহাস-- ১৯৭২ পর্যন্ত

4th Paper: মধ্যযুগের কাব্য-কবিতা

Unit One-- বৈষ্ণব পদাবলি (নির্বাচিত পদকার -- বিদ্যাপতি, চণ্ডীদাস, জ্ঞানদাস ও গোবিন্দদাস) হরেকৃষ্ণ মুখোপাধ্যায় সম্পাদিত 'বৈষ্ণব পদাবলি'

Unit Two-- গোরক্ষবিজয় কাব্য

Unit Three-- ময়মনসিংহ গীতিকা (মথুরা, কাজলরেখা, চন্দ্রাবতী, জীলা ও কঙ্ক, দেওয়ানা মদিনা)

Unit Four-- রামেশ্বরের 'শিবায়ন কাব্য'। (ক.বি. প্রকাশিত বইয়ের নির্বাচিত পাঠ- চাষপালা)

2nd Semester--Modern Bengali Text

1st Paper: উনিশ-বিশ শতকের কাব্য ও কবিতা

Unit One-- মাইকেল মধুসূদন দত্ত - মেঘনাদবধকাব্য (নির্বাচিত অংশ -- প্রথম, তৃতীয়, নবম সর্গ)

Unit Two-- বিহারীলাল চক্রবর্তী - সারদামঙ্গলকাব্য (নির্বাচিত অংশ -- প্রথম, তৃতীয়, পঞ্চম সর্গ)

Unit Three-- রবীন্দ্রনাথ ঠাকুর - চিত্রা (চিত্রা, জীবনদেবতা, এবার ফিরাও মোরে, বিজয়িনী, স্বর্গ হইতে বিদায়)

Unit Four-- জীবনানন্দ দাশ - ধূসর পাতুলিপি (ক্যাম্পে, বোধ, পাখিরা, মৃত্যুর আগে, শকুন)

2nd Paper: উনিশ-বিশ শতকের নাটক

Unit One-- গিরিশচন্দ্র ঘোষ - জনা

Unit Two-- দ্বিজেন্দ্রলাল রায় - নুরজাহান

Unit Three-- মনমথ রায় - কারাগার

Unit Four-- বিজন ভট্টাচার্য - দেবীগর্জন

3rd Paper: ঊনিশ-বিশ শতকের উপন্যাস ও ছোটগল্প

Unit One-- রাজসিংহ- বঙ্কিমচন্দ্র চট্টোপাধ্যায়

Unit Two-- চতুরঙ্গ- রবীন্দ্রনাথ ঠাকুর

Unit Three-- জাগরী- সতীনাথ ভাদুড়ী

Unit Four-- নারায়ণ চট্টোপাধ্যায়ের শ্রেষ্ঠ গল্প- (নির্বাচিত গল্প- টোপ, হাড়, দুঃশাসন, বনতুলসী, ভাড়া চশমা)

4th Paper: ঊনিশ-বিশ শতকের প্রবন্ধ

Unit One-- সীতার বনবাস- ঈশ্বরচন্দ্র বিদ্যাসাগর

Unit Two-- জীবনমূর্তি- রবীন্দ্রনাথ ঠাকুর

Unit Three-- প্রাচ্য ও পাশ্চাত্য- স্বামী বিবেকানন্দ

Unit Four-- প্রবন্ধ সংগ্রহ – প্রমথ চৌধুরী (সাহিত্যে খেলা, বইপড়া, ভারতচন্দ্র, জয়দেব, রামমোহন রায়)

3rd Semester-- Indian & Western Literary Theory/ Vaishnava, Shakta and Modern Literary Texts

1st Paper: প্রাচ্য ও পাশ্চাত্যের সাহিত্যতত্ত্ব

Unit One-- রসবাদ

Unit Two-- ধ্বনিবাদ

Unit Three-- অ্যারিস্টোটেলের পোয়েটিক্‌স্ (মহাকাব্য ও ট্রাজেডি)

Unit Four-- সাহিত্যের পথে (অমিয় চক্রবর্তীকে লেখা রবীন্দ্রনাথের চিঠি, বাস্তব, তথ্য ও সত্য; সাহিত্যের তাৎপর্য, সাহিত্যতত্ত্ব)

2nd Paper: বৈষ্ণব ও শাক্ত সাহিত্য

Unit One-- উজ্জ্বলনীলমণি -- নায়িকাভেদ প্রকরণ, শূদ্রাভেদ প্রকরণ (পূর্বরাগ)

Unit Two-- চৈতন্যচরিতকাব্য-- কৃষ্ণ-রাধা-গৌরতত্ত্ব, সাধ্যসাধন তত্ত্ব

Unit Three-- চৈতন্যচরিতকাব্য-- বেদান্ত বিচার, শিক্ষাষ্টক

Unit Four-- শাক্তপদাবলি -- আগমনি ও বিজয়া

3rd Paper: আধুনিক সাহিত্য- ১

Unit One-- পলাশীর যুদ্ধ- নবীনচন্দ্র সেন

Unit Two-- সখবার একাদশী- দীনবন্ধু মিত্র

Unit Three--বিবিধ প্রবন্ধ - বঙ্কিমচন্দ্র চট্টোপাধ্যায় (শকুন্তলা-মিরাজ-দেসভিমোনা, বঙ্গদেশে কৃষক, বাঙ্গালার নব্য লেখকদের প্রতি, জয়দেব-বিদ্যাপতি)

Unit Four-- কৃষ্ণকান্তের উইল- বঙ্কিমচন্দ্র চট্টোপাধ্যায়

4th Paper: আধুনিক সাহিত্য- ২

Unit One-- অনুপূর্বা- যতীন্দ্রনাথ সেনগুপ্ত (নির্বাচিত কবিতা- যুগের ঘোরে, শিবভোজ, দুঃখবাদী, কেতকী, কচিডাব)

Unit Two-- রক্তমণির হারে (আপদ, পরিচিতা, চৌত্রিশ গয়লা, উইপোকা, জটাঘু)

Unit Three-- তপস্বী ও তরঙ্গিনী- বুদ্ধদেব বসু

Unit Four-- আরণ্যক- বিদ্বৃতিভূষণ বন্দ্যোপাধ্যায়

4th Semester-- Special Paper on Rabindranath, Provential Literature, History Bengali Language and MIA Texts

1st Paper: রবীন্দ্র-সাহিত্য

Unit One-- রবীন্দ্র-সাহিত্যের ইতিহাস (কাব্য, নাটক, উপন্যাস, ছোটগল্প)

Unit Two-- আত্মপরিচয়

Unit Three-- বলাকা (কবিতা সংখ্যা- ১,৪,৬,৭,৮,১৯,২২,৩৬,৩৭,৩৮)

Unit Four-- রক্তকরবী

2nd Paper: প্রাদেশিক সাহিত্য

Unit One-- আমার জীবনস্মৃতি- লক্ষ্মীনাথ বেজবরুয়া

Unit Two-- কুড়ি শতিকার অসমিয়া কবিতা (সম্পাদক- নীলমণি ফুকন) নির্বাচিত কবিতা- মোর জীবনের সখা
কৃষ্ণ- জ্যোতিপ্রসাদ আগরওয়াল, কেরাণী শেলীর চিঠি- মহেন্দ্র বরা, বিপ্লবী- অমূল্য বরুয়া, সাগর
দেবিছ- দেবকান্ত বরুয়া, মমতার চিঠি- হেম বরুয়া।

Unit Three-- ভারতজোড়া গল্পকথা- (সম্পা. রামকুমার মুখোপাধ্যায়) নির্বাচিত গল্প- মাছ ও মানুষ,
টোবা টেক সিং, বিজয় উৎসব, ইলিশ মাছের আদ।

Unit Four-- ফনীন্দ্রনাথ 'রেনু'র ছোটগল্প সংকলন 'রেনু রচনা সঙ্কলন' অনুবাদ-ননী সুর। (নির্বাচিত গল্প-
ইতিহাস-ধর্ম আর মানুষ, তৃতীয় শপথ, এক আদিম রাত্রির সুবাস, ভিত্তিচিরের ময়ূরী)

3rd Paper: মধ্য ভারতীয় আর্য ভাষার উদ্ভব, বিকাশ, বৈশিষ্ট্য ও সাহিত্য

Unit One- ম.ভা.আ সাহিত্য

পাঠমঞ্জরী (ক.বি প্রকাশিত)-

ক)সুভাবিত (১-১০),

খ)অভিজ্ঞানশকুন্তলম্ (৫৬ নং)

গ)হালের 'গাহ্যসত্তসই' (১-১০)

Unit Two- মধ্যভারতীয় আর্য ভাষার ব্যাকরণ ১ -

প্রাচীন ভারতীয় আর্য ভাষা থেকে মধ্য ভারতীয় আর্য ভাষার উদ্ভব ও ক্রমবিকাশ, প্রাকৃত ভাষার
সংজ্ঞা বিচার, প্রাকৃত ভাষার ধ্বনিতাত্ত্বিক ও রূপতাত্ত্বিক বৈশিষ্ট্য।

Unit Three মধ্যভারতীয় আর্য ভাষার ব্যাকরণ ২ -

প্রাকৃত ভাষার বিভিন্ন স্তর, অশোক প্রাকৃত, সাহিত্যিক প্রাকৃতের আঞ্চলিক রূপভেদ ও বৈশিষ্ট্য বিচার,
অপভ্রংশ ও অবহট্ট।

Unit Four- পালিভাষা পরিচয়

ক) পালিভাষার উদ্ভব ও বিকাশ, ব্যুৎপত্তি, উৎপত্তি স্থল, মিশ্রভাষা হিসাবে পালি।

খ) পালিভাষার রূপতাত্ত্বিক ও ধ্বনিতাত্ত্বিক বৈশিষ্ট্য।

4th Paper: বাংলা ভাষার উদ্ভব, বিকাশ ও বৈশিষ্ট্য [মূল সহায়ক গ্রন্থ- ভাষার ইতিবৃত্ত- সুকুমার সেন]

Unit One- প্রা.ভা.আ থেকে বাংলা ভাষার উদ্ভব, প্রাচীন-মধ্য-নব্য বাংলা ভাষার কালবিচার এবং ত্রি-স্তরীয়
বাংলা ভাষার রূপতাত্ত্বিক ও ধ্বনিতাত্ত্বিক বৈশিষ্ট্য।

Unit Two- বাংলা ভাষার শব্দভাণ্ডার, শব্দার্থ পরিবর্তনের কারণ এবং শব্দার্থ পরিবর্তনের ত্রিধারা, বাংলা উপভাষা, বাংলা চলিত বনাম সাধুভাষা।

Unit Three- স্বর ও ব্যঞ্জনধ্বনির শ্রেণিবিভাগ, ধ্বনি পরিবর্তনের বিভিন্ন কারণ ও সূত্র, ব্যঞ্জনব্যবহিত স্বরধ্বনি, সম্মিকৃষ্ট স্বরধ্বনি।

Unit Four- প্রত্যয়, উপসর্গ, বচন, লিঙ্গ, কারক ও বিভক্তি, কারকবাচক অনুসর্গ, সর্বনাম, যৌগিক ক্রিয়া, যৌগিক কাল, কৃদন্ত অতীত কাল।

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September) Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

SL No	Course No	Course Name
SEMESTER I		
1	PAPER 1.1	Prasin U Madhey Juger Bangla Itihaser Itihas U Kavya
2	PAPER 1.2	Adhunik Bangla Sahityar Itihas
3	PAPER 1.3	Adhunik Bangla Kavya U Natoker Itihas
4	PAPER 1.4	Madhyo Juger Kavya Kabita
SEMESTER II		
5	PAPER 2.1	19 Bingso Satoker Kavya U Kabita
6	PAPER 2.2	19 Bingso Satoker Natak
7	PAPER 2.3	19 Bingso Satoker Upanyas U Soto Golpo
8	PAPER 2.4	19 Bingso Satoker Prabondho
SEMESTER III		
9	PAPER 3.1	Prasyo U Passyatyer Sahitya Tattva
10	PAPER 3.2	Baisnov U Sakta Sahitya
11	PAPER 3.3	Adhunik Sahitya-1
12	PAPER 3.4	Adhunik Sahitya-2
SEMESTER IV		
13	PAPER 4.1	Rabindra Sahitya
14	PAPER 4.2	Pradesik Sahitya
15	PAPER 4.3	Madhya Bharatiya Arjya Bhasara Udvob, Bikas, Baisistya U Sahitya
16	PAPER 4.4	Bangla Bhasar Udvob, Bikas, Baisistya U Sahitya

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

Programme Project Report

PPR ID: GU/GUIDDL/PPR/10 (Total No. of pages: 15)
Programme: MA in Bodo

1. Programme mission and objective:

The mission of the programme is to cater to the need of higher education in Boro literature and to promote Boro literary and cultural heritage as an expression of the cultural and ethnic diversity of the state.

Objectives of the programme are:

- *to develop conceptual understanding of Bodo literature and history*
- *to build up among learners an ability for critical and analytical understanding of Bodo literary texts*
- *to enable learners to explore various dimensions of Bodo language and culture*
- *to enable learners for a comparative study of Bodo with literatures in Assamese*
- *to enable learners to acquire a mastery over the language for use in all communicative purposes such as reading, writing, speaking, and performing.*

2. Nature and target group of learners: Our target group includes-

- 1) those who are deprived of admission in the parent Department of Bodo of regular mode due to limited intake capacity.
- 2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- 3) drop outs primarily due to social, financial and economic compulsions as well as demographic factors.
- 4) job seekers.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to

unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI , external experts and teachers of IDOL, keeping in view the needs of the diverse class of learners.

3. Relevance of the Programme with HEI's Mission and Goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standards for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. Earlier the study of Bodo Literature and culture have been incorporated in the Department of Modern Indian Language and Literary Studies (MIL) which has been acting as the nodal centre for Bodo literary studies. The department of MIL, established in the year 1967 . an Independent Department of Bodo was established in the year 2004 by a resolution of the Academic Council of Gauhati University and later was approved for the MA programme in Bodo.

Master of Arts (M.A.) in Bodo is offered through ODL mode with the motto of *“quality higher education for all”*, is in sync with the HEI's mission and goals because it aims acquaint learners with the knowledge of Bodo language, literature and culture. Efforts were made to design the curriculum which would help learners to gain familiarity with Bodo language and literature and enable them for comparative literary-cultural study vis-a-vis the other languages and literatures of the country. The syllabus is designed to prepare learners to seek placements in educational institutions, research institutions and industrial sector.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-

The M.A. Programme in Bodo offered/ to be offered through ODL mode will have certain learning outcomes. The programme will help the learners:

- To gain a comprehensive knowledge of Bodo literature and language.
- To achieve an expertise in literary analysis and criticism.

- To build up necessary competence among learners required for scholarship and teaching of Bodo literature.
- To acquire mastery in Bodo language for all communicative purposes including reading, writing, performing and speaking.
- To conduct a comparative study of Bodo with other languages and literatures of the state and the country.

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI, IDOL, keeping in view the needs of the diverse class of learners.
- b) **Detailed Syllabus:** File containing detailed syllabus is attached.
- c) **Duration of the Program:** Minimum 2 years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** At present the course is offered under the annual mode however with effect from 2018-19 the semester system will be introduced and the programme will be delivered in four(4) semesters having four (4) course/paper in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus. Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
- e) **Faculty:**
 1. Dr. Bhupen Narzaree , Professor , department of Bodo, Gauhati University nominated as Coordinator of the ODL programme in Nepali
 2. Assistant Prof/Academic councellors in Boro at GUIDIL has been advertised and will be processed for appointment by the year end.
 3. Part time resource persons drawn from amongst teachers of affiliated colleges .

f) Media: Print Media.

g) **Student Support Service**: In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-

i) **Network of Study Centres**: To assist its learner IDOL has established 106 study centres (List Enclosed) throughout the State of Assam.(within the territorial jurisdiction)

ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

iii) **E- Learning Portal**: www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher**: When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

iv) **Dynamic Website** www.idolgu.in : IDOL has its own dynamic website where one can get all the information regarding IDOL, its programme, up-coming events, examination result etc.

- v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in.
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the IDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility is graduates from any recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor

***Curriculum transaction- Activity Planner:**

***Evaluation-** Each course/module shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of the Gauhati University .

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines related to commerce education are available.
8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 40 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.
9. **Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

ENCLOSURE-I

**Department of Bodo
Syllabus for MA in Bodo
(Previous and Final Examination)**

MA Previous

PAPER I :	POETRY	:	100 Marks
PAPER II :	DRAMA	:	100 Marks
PAPER III :	NON-FICTIONAL PROSE AND CRITICAL STUDY AND ASSESSMENT OF LITERATURE :		100 Marks
	<i>1st Part : Non-Fictional Prose(Essay & Biography)</i>	:	<i>40 Marks</i>
	<i>2nd Part : Critical Study of Literature</i>	:	<i>60 Marks</i>
PAPER IV :	ASSOCIATE LITERATURE OF ASSAM & ELEMENTS OF LINGUISTICS :		100 Marks
	<i>1st Part : Associate Literature of Assam</i>	:	<i>50 Marks</i>
	<i>2nd Part : Elements of Linguistics</i>	:	<i>50 Marks</i>

MA Final

PAPER V :	FICTIONAL PROSE	:	100 Marks
	<i>1st Part : Novels</i>	:	<i>60 Marks</i>
	<i>2nd Part : Short Stories</i>	:	<i>40 Marks</i>
PAPER VI :	CULTURAL HISTORY OF ASSAM	:	100 Marks
	<i>1st Part : Infra-structure of Culture of Assam (People, Race and Tribes)</i>	:	<i>50 Marks</i>
	<i>2nd Part : Festivals, Religion and Folk Lore</i>	:	<i>50 Marks</i>
PAPER VII :	COMPARATIVE STUDY OF BODO & ASSAMESE	:	100 Marks
	<i>1st Part : Bodo & Assamese Literature</i>	:	<i>40 Marks</i>
	<i>2nd Part : Bodo & Assamese Language</i>	:	<i>60 Mark</i>

**PAPER VIII: PHONETICS, PHONEMICS, MORPHEMICS
& GROWTH AND STRUCTURE OF THE BODO
LANGUAGE** 100 Marks

1st Part: Phonetics, Phonemics & Morphemics: 40 Marks
2nd Part: Growth and Structure of the Bodo Language: 60 Marks

General Note: (a) The Students will have to write their answers mainly in Bodo. However, the students may also be allowed to write their answers in Assamese or English for their convenience.

Question Format for all papers:

Total marks = 100

- (A) Home Assignment-20 marks
(B) Examination-80 marks
(1) 5 Broad Questions-12 x 5 = 60
(2) 4 Short Answers / Short Notes-5 x 4 = 20

MAPREVIOUS EXAMINATION

**FIRST PAPER
POETRY**

Books recommended as texts:

- | | |
|--------------------------|---|
| 1. Gibi Bithay | Biru Ram Boro
Selected pieces: Bathou
Mungri Gudi, Sibraya Ha
Burkhangnai, Kherainai
Rupa Nath Brahma and
Madaram Brahma |
| 2. Kharthai Methai | Selected pieces: Kharthai
portion and in Methai portion
poems no. 7, 11, 13, 14, 16
Kali Kumar Lahari |
| 3. Kharthai Bijab | Selected pieces: Poems no. 8,
10, 11, 13, 14 |
| 4. Akhrang Gangse Nangwo | Brajendra Kumar Brahma
Selected pieces: Poema No. 6,
10, 13, 14, 33 |

- | | |
|-----------------------------|---|
| 5. Radab
(Radab Portion) | Samar Brahma Choudhury |
| 6. Mwndangthini Rwjabthai | Aurobinda Ujir
Selected pieces: Poems no. 3,
8, 17, 25 |
| 7. Gutbal | Iswar Chandra Brahma,
Kamakhya Brahma Narzary
Selected poems: Daozin Nwang
Da Gabawi, Anggw Musri,
Angni Sunang, Bonjar |

Books recommended as references:

- | | |
|-------------------------------|-------------------|
| 1. History of Bodo Literature | Madhu Ram Boro |
| 2. Bodo (Dumkasi Jaxinai) | Manoranjan Lahari |
| 3. Bodo (Dumkasi Jaxinai) | R.K. Brahma |

**SECOND PAPER
DRAMA**

Books recommended as texts:

- | | |
|-------------------|---------------------------|
| 1. Raja Nilambar | Dwarendra Nath Basumatari |
| 2. Saadw Baodla | Sunith Narzari |
| 3. Ohangni Phuo | Bhaben Fwrwnggiri |
| 4. Jaolia Dewan | Mangal Singh Hazowari |
| 5. Gumbari Sikkha | Antram Basumatary |
| 6. Gwelan Fwiculi | Kamal Kumar Brahma |

Books recommended as references:

- | | |
|-------------------------------|--|
| 1. Theory of Drama | Allardyce Nicole |
| 2. Phaothimani Santhou | Manoranjan Lahari |
| 3. Ransai Bidang | Editor Manoranjan Lahari &
Madhu Ram Boro |
| 4. The Indian Theatre | A. Rangacharya |
| 5. Natak ani Abhinoy Prasanga | Satyaprasad Baruah |

THIRDPAPER

NON-FICTIONAL PROSE AND CRITICAL STUDY AND ASSESSMENT OF LITERATURE

The paper is divided into the two parts :
1st part : 40 marks and 2nd part : 60 marks

First part : Non-fictional prose (Essays and Biographies)

Books recommended as text

- | | | |
|---|---|---|
| 1. Lathun vol. no. i | : | Selected pieces :
Boro Jatra
Gan arw Thunlai,
Athkhaini gwdan
Boro Khonthaini
bithing,
Boro-ao Saotainai
Thunlai |
| 2. Lathun vol no. ii | : | Selected pieces :
Bathou Diwerwi
arw Santhou, Boro
raojwng gwrbhifunay
Boro bathagwraofar,
Gwdan Boro methai
bini dahar arw masri |
| 3. Bathoumali (Souvenir of 33 rd Bodo Sahitya Sabha, Ghy, Session) | : | Selected pieces :
Jaraphaglani Khuga
Methai Wi bithunyw
Mangli, Mahor
swrji aru mthinga |
| 4. Raithai Bidang | : | Kameswar Brahma
Selected pieces :
Bathou Dohorwiti arw
Beroni Harima
Jarimaino Nujaywi
Boro Jethwlan arw
Joholaojoptor, |

5. Padmasiree Madaran Brahma
6. Mengwo Rwongwi Maothi

Dwibkramini Lamaj
Khauseni Khampha
Gaysangari,
Sri Sei Sankardev
Mangal Sing
Hazawary
Dimbeswar Narzary
Jethwlan

Second part : Critical study and assessment of Literature
Topics : To be studied elaborately : Literature, its form and classification, poetry, drama, novel, short story, biography, essays, principles of criticism and valuation of literature etc.

Books recommended as reference :

- | | | |
|---|---|---|
| 1. An introduction to the study of literature | : | William Henry
Hudson |
| 2. Poetics | : | Aristotle |
| 3. Aspects of Novel | : | E.M. Forster |
| 4. Structure of Novel | : | E. Muir |
| 5. The theory of drama | : | Alfredyce Nicole |
| 6. Critical approaches of literary criticism | : | David Daiches |
| 7. Aristatalar Kavya Jnasa | : | Jagneswar Sarma |
| 8. Sahitya Bichar | : | Ramrai Thakuria |
| 9. Sahitya Upakarmanika | : | Mahendra Bora |
| 10. Sahityar Putabhumi | : | Biren Baskataki |
| 11. Sahitya Samikhya | : | Maheswar Neog &
Hemanta Kumar
Sarma (editors) |
| 12. Chuti Galpa | : | Uday Dutta |
| 13. Upanyas | : | Prahlad Kumar
Baruah |
| 14. Jivani aru Asanuya Jivani | : | Gobinda Prasad
Sarma |
| 15. Thunlai Gohena | : | Manoranjan Lahary |
| 16. Ruposri Raithai Khonthai | : | MR Brahma |

FOURTH PAPER

ASSOCIATE LITERATURE OF ASSAM AND ELEMENTS OF LINGUISTICS

The paper is divided into following two parts :
1st part : 50 marks and 2nd parts : 50 marks

First part : Associate literature of Assam

Assamese :

1. Miri Jiyay	: Rajanikanta Bardoloi
2. Tiwanar Batai	: Bima Baruah
3. Rangrair Hanhi	: Rangrang Terang
4. Scopahi	: Bishnu Rabha

Books recommended as reference :

1. Contemporary Indian Literature : Sahitya Akademi Publication
2. History of Assamese Literature : Sahitya Akademi Publication
3. Assamiya Sahityar Samikhyatmak : Satyendranath Sarma Ithritta
4. Assamiya Sahityar Ruprekha : Maheswar Neog

Second Part : Elements of Linguistics

The students are expected to be acquainted with the general linguistics.

Topics to be studied :

Linguistics and its academic importance, Linguistics and Philology, Linguistics and Grammar, Classification of Linguistics, i.e. Descriptive, Structural, Comparative, Constructive, Historical, etc., Sociolinguistics, Psycholinguistics, Glottochronology, Linguistics, Palaeontology, Dialectology, Dialect-geography, Language classification and General idea of the language family of the world, Phonology, Morphology, Syntax, Semantics, Language types, Language-France, National language, Regional language, State language, Artificial Language, Mixed language.

Books recommended as reference :

1. An introduction to Descriptive Linguistics : H.A. Grierson
2. Language : Leonard Bloomfield
3. Modern Linguistics : Simon Peter
4. Sociolinguistics : Trudgill
5. Psycholinguistics : D.S. Slobin
6. Dialectology, An Introduction : N.N. Francis
7. An element of the Science of Linguistics : J.J.S. Taraporewala
8. Obyantijinar : Bhumiika : Golok Chandra Goswami
9. Bhasa Vijnan : Upendra Nath Goswami
10. An Introductory Text book of Linguistics & Phonetics : Dr. R. L. Varney
11. Introductory Linguistics : Robert A. Hall , Dr. Varney
12. Grammar : F. Palmir

MA FINALEXAMINATION

FIRST PAPER
FICTIONAL PROSE

This paper is divided into the following two parts :
1st part : 60 Marks and 2nd part : 40 Marks

First Part : Novels

Books recommended as text :

1. Bikhaya Gaoyw Khugaya Gewa : Chittaranjan Mochahary
2. Kharlung : Manoranjan Lahari
3. Mangubala Debi : Nandeswar Daimuri
4. Mwitur : Dharanidhar Wary
5. Phuguni : Kameswar Brahma

Second Part : Short Stories

Books recommended as texts :

1. Seemati Durtai : Haribhusan Brahma Selected pieces : Story no. 1, 3, 5, 6
2. Sringkhar : Nilkanth Dronma
Selected pieces : Story no. 1, 3, 7, 10, 12

3. Angni Mwjang Mwrnani Diary : Indranalati Narzjee
Selected pieces : Story no. 1, 3, 4, 6
4. Solo Bidang : Monoranjan Lahari
Selected story : Gangsephali, Goyri, Bima, Dantaru

Books recommended as reference :

1. History of Boro Literature : Madhu Ram Boro
2. Jarimimi Nwjrno Boro Thamlar : Editor - Madhu Ram Boro

SECOND PAPER

CULTURAL HISTORY OF ASSAM

The paper is divided into the following two parts :
1st part : 50 marks and second part : 50 marks

First part :

Infra-structure of culture of Assam (people, race & tribe)

Students are expected to have a dependable knowledge of the principal trends of culture prevalent throughout the area of pre-independent Assam i.e. undivided Assam. They should have a clear idea of the entire indigenous people of Assam including all the tribal and non-tribal population of Hills and Plains and the distinctive notes of their variegated culture as shaped by the centuries.

The following topics are to be studied in their depths :

Races and Tribes, pre-historic infra-structure of the people of Assam, Alpines- Aryans, Himalayan, Mongoloids, etc., Socio-economic life, their assimilation, customs, and tradition etc.

Books recommended as reference :

1. Kirats-jana-Krti : Suniti Kumar Chatterjee
2. Cultural background of Assam : Rajmohan Nath
3. Studies in the early history of Assam : Birinchi K. Baruah
4. A Cultural History of Assam (vol. I) : Birinchi K. Baruah
5. Assamir Mamsh : Bhuban Mohan Das
6. Assamir Janajati : Pramod Ch. Bhattacharyya (Editor)
7. Assamiya Jati Ibhitra : Assam Sahitya Sabha, Publication
8. Assamir Sanskriti : Dr. Lila Gogoi

9. History of Assam : Sir Edward Gait
10. A socio-economic and cultural History of Medieval Assam :
Satyendranath Sarma
11. The Kacharis : Rev. Sydney Edle

Second Part : Festivals, Religion and Folklore

Students are expected to have an adequate knowledge of the Social life and Social institutions of the various people of Assam with special emphasis on the Boro people. The following topics are to be studied in depths :

Social life of each Tribes and Community, Various Fairs and Festivals, Religion, Obscure religion, Animistic Cults, Vaishnavism and Satriya Culture, Historical Changes, Paintings, Sculpture, Folk-songs and various other influences, tribes and communities, General trends of the culture of Assam.

Books recommended as references :

1. Goalpariya Loka Git : Dharendra Nath Das
2. The Mother Goddess Kamakhya : Binikanta Kakati
3. A socio - Economic and Cultural History of Medieval Assam :
Satyendranath Sarma
4. Purani Kamrupar Dhatmar Dhara : Binikanta Kakati
5. Purani Assamiya Samaj Aru Sanskriti : Moheswar Neog
6. Assamiya Loka Sanskriti : Birinchi Kumar Baruah
7. Assamiya Sanskriti : Assam Sahitya Sabha Publication
8. Assamir Janajati : Pramod Chandra Bhattacharyya
9. Boro-Kacharir Samaj aru Sanskriti : Bhaben Narzy
10. Aspects of social customs of Bodos : Kameswar Brahma
11. Assamiya Loka Sanskritir Abhita : Nabin Chandra Sarma
12. Boro Kacharir Folk Literature : Gauhati University Publication
13. Introduction to Folk Literature : Gauhati University Publication
14. Rabha Janajati : Rajen Rabha
15. Karbi Jana Jati : Rongbong Terang
16. Mishng Sanskritir Alekhya (pt. I & II) : Bhrigumani Kagyung
17. Dimas Sanskriti : Nirupama Hajier
18. Chirbang Gung Gang : Binendra Nath Datta (editor)
19. Baisagu Aru Harimu : I., Brahma

20. Harima Anu Swidwmsri : Mangal Sing Hazowry
21. Boro Harimani Mohar Musri : B.G. Basumatary
22. A study of Socio-Religious Beliefs, Practices and Ceremonies of the Bodos : Kameswar Brahma
23. Garo Sanskritar Ruposkha : Dhirmendra Narayan Mazumdar

THIRDPAPER

COMPARATIVE STUDY OF BODO AND ASSAMESE

The paper is divided into the following two parts :

1st part – 40 marks and 2nd part – 60 marks

First part: Bodo and Assamese Literature

Books recommended as reference :

1. Asamiya Jana-Sahitya : Prafulladatta Goswami
2. Introduction to Folk-literature : Prafulladatta Goswami
3. Boro-Kachari Jana-Sahitya : Bhaben Narzy
4. Bihu Songs of Assam : Prafulladatta Goswami
5. Boro-Kachari Geet-Mat : Bhaben Narzy
6. Buro Air Sadhu : Lachminath Bezbaruah
7. Boro Chuti Galpa : Assam Sahitya Sabha Publication
8. History of Boro Literature : Madhu Ram Boro
9. History of Assamese Literature : Birinchi Karnar Baruah
10. Asamiya Sahityar Katha : Satyendra Narayan Goswami
11. Folk-Tales of Assam : Satyen Bar Katak
12. Boro-Kachari Solo : Mohini Mohan Brahma and Prafulla Datta Goswami
13. Tales of Assam : Prafulla Datta Goswami
14. Asamar Barmafilar Tera Geet : Prafulla Datta Goswami

Second part: Bodo and Assamese Language

Books recommended as references :

1. Assamese, its Formation and Development : Banikanta Kakati
2. A descriptive Analysis of the Boro Language : P.C. Bhattacharyya
3. Boro Asamiya Abhidhan : Rajendralal Narzary

4. Boro Itari – Bhaben Narzy
5. Boro Asamiya Soblakoch : NEI Publication, B Baruah College
6. Asamiya Byakaran : Hemchandra Baruah
7. Ovnang Rai-Khumbi : Kamal Kumar Brahma
8. Studies in Sino-Tibetan Languages : S.N. Goswami
9. Assamese and Boro – A Comparative and Contrastive Study : M.R. Boro
10. Bhasa Vijnan : Upendra Nath Goswami
11. Boro Vocabulary : D.N.S. Bhatt

FOURTH PAPER

PHONETICS, PHONEMICS, MORPHEMICS AND GROWTH & STRUCTURE OF THE BODO LANGUAGE

The paper is divided into the following two parts :

1st part is : 40 marks and 2nd part : 60 marks

First part: Phonetics, Phonemics and Morphemics.

Students are expected to have a general idea of the articulatory Phonetics and Phonology and Morphemics. They are to study the topics as noted below :

Phonetics, analytical procedures of phonemics and Morphemics, Articulatory phonetics, Branches of Speech, Speech sounds and their production and classification, phoneme, Allophone and procedure of Phonemics analysis.

Morphemics : Morph, Morpheme, Allomorph, identification of morphemics, morpheme and meaning, types of Morpheme, free and bound, affixes, prefixes, infix, suffix, inflection and derivation, tone, stress and accent with ref. to Bodo Language.

Books recommended as references :

1. General phonetics : K.M.S. Heffner
2. Phonemics : K.L. Pike
3. Morphology : I Nida
4. Dhvani Vijnanur Bhumika : Galak Ch. Goswami
5. Dhvani Vijnan : Galak Bihari Dasi

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III

Semester	Paper No	Paper Name
I	1.1	History of Bodo literature
	1.2	Early poetry
	1.3	Concept of culture
	1.4	Introduction of language
II	2.1	Modern poetry
	2.2	Non Fictional prose
	2.3	Textual criticism of Bodo Drama
	2.4	Elements of linguistics
III	3.1	Introduction to Bodo culture
	3.2	Critical analysis of Bodo fiction
	3.3	Comparative literature and translational studies
	3.4	Structure of Bodo language
IV	4.1	Literary criticism
	4.2	Composition and editing
	4.3	Comparative study of bodo and assamese Folk literature
	4.4	Comparative study of Bodo and Assmese language

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

Programme Project Report

PPR ID : GU/GUIDOL/PPR/03 (Total no. pages : 29)

Programme: Masters of Arts in Economics and Master of Science in Economics

1. Programme mission and objective:

The mission of the Programme to be launched is "to cater to the need of higher education in economics and to widen the periphery of education in economics."

Objectives of the Programme:

- to promote higher education and research in the field of Economics in particular and Social Science in general,
- to enhance and develop their knowledge and understanding of the theoretical and practical foundations of Economics as a subject,
- to nurture the finest talents in Economics and capacitate them with high level of professional competence,
- to utilize the pool of human resource in the department in relevant fields outside the department through extension and consultancy service,
- to exhibit disciplinary knowledge and behavior essential for business leadership,
- to think critically to aid decision-making,
- to generate competent and well-educated man-power for the teaching profession as well as manning positions of research associates in public/private sector academic institutions,

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the creation and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the

Department of Economics was established in 1948 and has set up, over the years, a close association with formal and informal organizations and various successful and enduring entrepreneurs which gives opportunity to the students to acquire access to practical knowledge and ideas.

Keeping in view the motto of “*Quality Higher Education For All*”, Masters of Arts in Economics and Master of Science in Economics is/shall be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in the field of Economics to those aspiring candidates who are deprived of higher education due to the limited number of intake in the conventional mode of education in the Universities. Moreover, to keep the quality intact the curriculum and syllabus is designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and target group of learners: Our target group includes-

- those deprived of admission in the parent Department of regular mode due to limited intake capacity,
- those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder,
- drop outs primarily due to social , financial and economic compulsions as well as demographic factors,
- job seekers.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and ODL mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI, external experts and teachers of Gauhati University Institute of Distance and Open Learning (GUIDOL), keeping in view the needs of the diverse groups of learners.

4. **Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-** The programmes is/shall be offered through ODL mode will have certain learning outcomes. The programmes will help the learners:

- *to create the knowledge of basic and advance concept of economics, socio-economic effect in the society due to the changing nature of world economy,*
- *to enhance and develop their knowledge and understanding of the theoretical and practical foundations of Economics as a subject in particular,*
- *to build knowledge of the different analytical concepts using mathematical, statistical and financial models in the field of Economics in broad,*
- *to commit to action that demonstrates care for others,*

The learners will also be acquainted with various generic skills and competencies for Team Work, Time Management, Commercial Awareness and Critical thinking.

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the University and GUIDOL, keeping in view the needs of the diverse groups of learners.
- b) **Detailed Syllabus:** Enclosed in Enclosure No. I
- c) **Duration of the Program:** Minimum 2 (two) years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in 4 (four) semesters having 4(four) course/paper in each semesters and also with the opportunity to choose optional courses offered. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus. Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The

progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.

e) Faculty:

1. Dr. Ratul Mahanta, Assistant Professor, Department of Economics, Gauhati University nominated as Coordinator of the ODL programmes in Economics
2. Assistant Professor in Economics, GUIDOL has since resigned and the post advertised and shall be recruited soon.
3. Resource persons drawn from amongst teachers of affiliated colleges and faculties of the Department of HEI.

f) Media: Print Media, ICT enabled content and e-Learning tools

g) Student Support Services: In order to successfully execute the programme, a wide range of support services are provided to the ODL learners. The various support services are listed as below-

- i) **Network of Study Centres:** To assist its learners of the ODL mode the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student

can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.

- Online Study Material
- Old Examination Question Papers

- iv) **Dynamic Website www.idolgu.in** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, up-coming events, examination results etc.
- v) **Computerised admission process with provision of online admissions**: The whole system of admissions and examinations are managed using professional software which gives instant online access to learners through www.idolgu.in.
- vi) **Flexible Walk in Group Counselling (FWGC)**: Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated GUIDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio**: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process starts from August and ends by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for MA & M.Sc programme in Economics is any graduates from any recognized

Indian or Foreign university. The proposed fees for admission is Rs 7000.00 (Seven Thousand only) per year. Financial Assistance is provided to the candidates belonging to the SC/ST and OBC categories in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor.

Curriculum transaction- Activity Planner:

Evaluation- Each course/paper shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Examination Rules and Regulations of the Gauhati University.

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 45 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.
9. **Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the

respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

Detailed Syllabus of MA/MSc in Economics Programme (ODL mode of Gauhati University)

A student shall do a total number of sixteen papers in the four Semesters. Each paper will carry 100 marks - 20 marks for internal evaluation during the semester and 80 marks for external evaluation through end semester examination. All the papers in the First, Second and Third Semesters will be compulsory. The paper XIII and XIV of the Fourth Semester will also be compulsory. The remaining two papers for the Fourth Semesters will be chosen by a student from the optional papers. The names and numbers assigned to the papers are as follows.

First Semester	
I	Microeconomics Theory
II	Macroeconomics Theory - I
III	Mathematical Methods for Economic Analysis-I
IV	Statistical Methods for Economic Analysis
Second Semester	
V	Advanced Microeconomics
VI	Macroeconomic Theory -II
VII	Mathematical Methods for Economic Analysis-II
VIII	Elementary Econometrics
Third Semester	
IX	Development Economics-I
X	International Economics
XI	Issues in Indian Economy
XII	Public Finance-I
Fourth Semester	
XIII	Development Economics-II
XIV	Public Finance-II
Papers XV and XVI are optional. A student has to choose any two of the following courses.	
(a)	Population and Human Resource Development
(b)	Econometric Methods
(c)	Environmental Economics
(d)	Financial System

Detailed Contents of the Papers Syllabus

Paper-I: MICROECONOMICS THEORY

Unit –1: Theory of production and Cost

Production function and related concepts – Isoquants and Substitution between Factors – Elasticity of Substitution – Returns to Scale and Returns to a Factor – Technical Progress and Production Function – Forms of Production Function; Cobb-Douglas, CES and Fixed coefficient Type – Single Decision of a Firm; Choice of Optimal Factor Combination – Expansion Path – Derivation of Cost Function from Production Function – Multi-product Firm: production Efficiency Locus, Production Possibility Frontier and Choice of Optimal Combination of Output of Products.

Unit – 2: Market Structure and Pricing of Products

A Review of Perfect Competition Equilibrium – Monopoly and its Regulation – Monopolistic Competition: Price-Output Equilibrium – Duopoly Models of Cournot, Bertrand and Stackelberg – Kinked Demand Curve Model of Oligopoly – Collusive Oligopoly: Price Leadership Models.

Unit – 3: Theory of Distribution and Pricing of Factors

Pricing of Factors under Perfect Competition – Factor Share and Technical Progress – Backward Bending Supply Curve of Labour – Monopsony

Unit – 4: Basic Financial Accounting

Various terms used in Accounting – Account, Assets, Liabilities, Capital / Equity, Profit, Loss, Revenue income, Capital income, Revenue expenditure, Capital expenditure - Profit and Loss Account - Balance Sheet - Cash Flow Statement

Recommended Readings:

1. Koutsoyianis, A., “Modern Microeconomics”, Macmillan.
2. Baumol, W.J., “Economic Theory and Operations Research”, Prentice Hall of India.
3. Madalla and Miller, “Microeconomics”, McGraw Hill.
4. Pindyck, R. & Rubinfeld, D.L., “ Microeconomics”, Prentice Hall of India.
5. Mukherjee, S., “Business and Managerial Economics”, New Central Book Agency.
6. Salvatore. D., “Micro Economics”, Schaums Series.
7. Juneja and Chawla, “Book Keeping and Accountancy.”
8. B. B. Dam and H.C. Gautam, “Financial Accounting”

Paper – II: MACROECONOMIC THEORY - I

Unit – 1: National Income Accounting

Different forms of National Income Accounting; Social Accounting, Input-Output Accounting, Flow of Fund Accounting and Balance of Payment Accounting

Unit – 2: Theories of Income and Employment Determination

A Review of the Classical and Keynes's Models – Income Determination Model including Money and Interest; IS-LM Analysis– Real Balance Effect and Patinkin's Full Employment Equilibrium; Patinkin's Concept of Underemployment Disequilibrium

Unit 3: Consumption Function

The Consumption Function Puzzle – The Relative Income Hypothesis – The Permanent Income Hypothesis –The Life Cycle Hypothesis

Unit 4: Investment Function

Marginal efficiency of Investment and level of Investment - The Accelerator and Investment behavior - Impact of inflation - Influence of policy measures on Investment.

Recommended Readings:

1. Jha, R., "Macroeconomics: Theory and Policy"
2. Branson, W.H., "Macroeconomics: Theory and Policy"
3. Agarwala, S.K., "National Income Accounting"
4. Schultz, W., "National Income Analysis"
5. Brooman, F. S., "Macroeconomics".
6. Michl, "Macro Economic Theory –A Short Course", Prentice Hall of India
7. Harris, I., "Monetary Theory"
8. Gupta, S. B., "Monetary Economics"
9. Paul & Taylor, "Macro Economics".

Paper – III: MATHEMATICAL METHODS FOR ECONOMIC ANALYSIS-I

Unit –1: Matrix Algebra and its Application

Matrix Algebra-type of matrices-matrix operations-matrix inversion and solution of simultaneous equations-Cramer's rule -Rank of a matrix-trace of a matrix-application to partial equilibrium market model, national income model, external sector model-static and dynamic open input-output models.

Unit-2: Differentiation

Basic rules of differentiation-rules of differentiations involving more than one functions of the same variable-Rules of differentiation involving functions of different variables-higher order derivatives-applications relating to derivation of elasticity, revenue function, cost function, tax yield in competitive market, tax yield and income multiplier, derivations of other marginal functions.

Unit-3: Partial and total differentiation

Rules of partial and total differentiations-derivative of implicit function-application to comparative static analysis of market model, national income model and input-output model-determination of partial elastic ties of demand-problems relating to indifference curve, isoquant, production function and Euler's theorem.

Unit-4:Unconstrained Optimization

Unconstrained maxima and minima with a single explanatory variable – applications to cost minimization, revenue maximization, tax revenue maximization, profit maximization and equilibrium of firm, Unconstrained maxima and minima with more than one explanatory variables – applications to discriminatory monopoly, Multiproduct equilibrium, Multiplan equilibrium, equilibrium of firm with advertisement cost and subsidy.

Unit – 5: Integration

Applications relating to derivation of total functions from marginal functions, estimation of consumer's surplus, producer's surplus,

Recommended Readings:

1. A.C. Chiang, "Fundamental Methods of Mathematical Economics", McGraw Hill.
2. S. Baruah, "Basic Mathematics and its Economics Applications", MacMillan.
3. J.M.Henderson and R.E.Quandt, "Micro-economic Theory – A Mathematical Treatment."
4. R.G.D. Allen, "Mathematical Analysis for Economists."
5. Mouhammed, "Introduction into Mathematical Economics", Prentice Hall of India.
6. M. Metwally, "Mathematical Treatment of Micro-Economics."

Paper – IV: STATISTICAL METHODS FOR ECONOMIC ANALYSIS

Unit – 1: Probability Theory

Axiomatic Definition and derivation of Basic Probability Rules – Conditional Probability, Baye’s Theorem (Concept only) – Random variable – Mathematical Expectation and Moments relating to both Discrete and Continuous random variables.

Unit2: Standard Probability Distribution

Binomial, Poisson and Normal – Moment Generating Function (Definition only) – The Central Limit Theory (without Proof).

Unit – 3: Income Distribution

Pareto’s Law of Income Distribution – Log-normal Distribution – Lorenz Curve and Ginni Coefficient

Unit – 4: Index Number

Relation Between Laspayre’s and Paasche’s Index Numbers – Time Reversal, Factor Reversal, Circular test of Index Number - Fisher’s Index Number – Chain Base Index Number – Base Shifting, Splicing and Deflating – Indices of Industrial Production.

Recommended Readings:

1. Yamane, Taro, “Statistics – An Introductory Analysis”.
2. Hooda, P.R., “Statistics for Business and Economics”, Macmillan.
3. Gupta, S.C. and Kapoor, U.K., “Fundamentals of Mathematical Statistics”
4. Nagar, A.L. and Das, R.K., “Basic Statistics”, Oxford.
5. Agarwala, B.L., “Basic Statistics”, New Age International.
6. Salvatore, Dominick and Reagle, Darrick, “Statistics and Econometrics”, TMH
7. Klein, L.R., “An Introduction to Econometrics”
8. Goon Gupta, Das Gupta, “Fundamental of Statistics, Vol. II”

Paper – V: ADVANCED MICROECONOMICS

Unit – 1: Analysis of Consumer’s Choice

A Review of Indifference Curve and Revealed Preference Approach – Violation of the Premises of Indifference curve Approach: Satiation and Lexicographical Ordering.

Unit – 2: Inter-temporal Choice & Choice under Uncertainty

Discounting and Present Value – Inter-temporal Consumption Decision – Inter-temporal Production Decision – Evaluation of Investment Projects – Determination of the Rate of Interest; Attitude Towards Risk – Expected Utility – Measures of Risk Aversion – Certainty Equivalence and the Cost of Risk – Economics of Insurance. – Asymmetric Information and Adverse Selection – Moral Hazard

Unit –3: General Equilibrium

Partial Versus General Equilibrium Approaches – Meaning of General Equilibrium – Walrasian General Equilibrium System: Tatonnement; Existence, Stability and Uniqueness of the Equilibrium – Introductions to the Contributions of Arrow and Debreu – Critique of General Equilibrium Theory – Non-tatonnement Process.

Unit – 4: Welfare Economics

Pareto Optimality – The Fundamental Theorems of Welfare Economics – Market Failure: Externality and Public Good – Welfare Effects of Non-price Allocations and Price Control – Problem of Welfare Maximization: Compensation Principle, Social Welfare Function – Social Choice: Contributions of Arrow and Sen.

Recommended Readings:

1. Layard and Walters, “Microeconomic Theory”,
2. Gravelle and Rees, “Microeconomics”, Longman.
3. Baumol, W.J., “Economic Theory and Operations Research”, Prentice Hall.
4. Ryan and Pearce, “Price Theory,” Macmillan.
5. Madalla and Miller, “Microeconomics,” Tata McGraw Hill.
6. Varian, Hall, “Intermediate Microeconomics.”
7. Henderson and Quandt, “Microeconomic Theory”
8. Sen, A., “On Economic Inequality”
9. Hands, D.W., “Introductory Mathematical Economics”, Oxford.

Paper – VI: MACROECONOMIC THEORY - II

Unit – 1: Demand for Money & Supply of Money

The Demand Money – The Classical Approach - The Keynesian Approach – Friedman’s Contribution – The Approaches of Baumol and Tobin: Inventory Theoretic Approach – The Portfolio Balance Approach.

Unit 2: Theory of Inflation and Economic Stabilization

Classical, Keynesian and Monetarist approaches to inflation; Philips Curve Analysis – Short run and Long run Philips curve– the natural rate of unemployment hypothesis; Adaptive Expectations - Rational Expectations – The New Classical Approach and its Policy Implications – Empirical Evidence.

Unit –3: International Payments

Exchange Rate-Balance of Payments-relationship between the current account and the capital and financial account- Disequilibrium in International Payment, Adjustment Mechanisms under various Exchange Rate Regimes, Devaluation and Exchange Control - The Monetarist Approach to the Balance of Payments.

Unit – 4: Business Cycles

Theories of Kaldor, Samuelson and Hicks - Control of Business Cycles – Relative efficacy of Monetary and Fiscal policies

Recommended Readings:

1. Brooman, F. S., “Macroeconomics”
2. Branson, W.H., “Macroeconomics: Theory and Policy”
3. Harris, I., “Monetary Theory”
4. Gupta, S. B., “Monetary Economics”
5. Patinkin, D., “Money, Interest and Prices”
6. Jha, R., ”Macroeconomics: Theory and Policy”
7. Dornbursch, R. and Fisher, S., “Macroeconomics”
8. Soderstein, B., “International Economics”, Tata McGraw Hill.
9. Paul and Taylor, “Macro Economics”

Paper – VII: MATHEMATICAL METHODS FOR ECONOMIC ANALYSIS-II

Unit – 1: Optimization with Equality Constraint

Optimization with equality constraints, Lagrange's multiplier method – application to consumer's equilibrium and producer's equilibrium in factor market

Unit – 2: Calculus for Dynamic Analysis

First order differential equation and its solutions – application to dynamic stability of market and simple growth process (Harrod-Domar), First order difference equation and its solution- application of difference equation – lagged market model (Cobweb) and Harrod's model of growth.

Unit – 3: Optimization with inequality constraint

Liner programming, General formulation Transportation problem, diet problem and production problem – Simplex method of solution (two variables, two constraints only) – Concept of duality

Unit – 4: Game Theory

Two-person Zero sum game – pure strategies with saddle point, games without saddle point – the rules of dominance – solution of games without saddle point – mixed strategies, Basic ideas and examples of non zero sum games – Nash equilibrium, Prisoner's dilemma and Repeated games.

Recommended Readings:

1. A.C. Chiang, "Fundamental Methods of Mathematical Economics", McGraw Hill.
2. S. Baruah, "Basic Mathematics and its Economics Applications", MacMillan.
3. J.M.Henderson and R.E.Quandt, "Micro-economic Theory – A Mathematical Treatment."
4. R.G.D. Allen, "Mathematical Analysis for Economists."
5. Taro Yamane, "Mathematics for Economists."
6. E.T. Dowling. "Theory and Problems of Mathematical Methods for Business and Economics", McGraw Hill.
7. Mouhammed, "Introduction into Mathematical Economics", Prentice Hall of India
8. R.Hadley, "Linear Algebra."
9. M. Metwally, "Mathematical Treatment of Micro-Economics."

Paper –VIII: ELEMENTS OF ECONOMETRICS

Unit – 1: Sampling and Estimation

Concept of Sampling Distribution and Standard Error of a Statistic – Methods of Estimation – Principles of Moments, Least Square and Maximum Likelihood (Concept only) – Characteristics of a Good Estimator

Unit –2: Statistical Inference

Testing of Hypothesis: Type I and Type II Errors, One-tailed and Two-tailed Tests – Test based on Standard Normal, t and Chi-Square Distributions.

Unit – 3: Linear Regression Model and Its Estimation

The Two Variable Model and its OLS Estimation – The General Linear Regression Model – Standard Assumptions – OLS Estimators and their Properties – The Coefficient of Determination – Maximum Likelihood Methods, Estimation and Properties.

Unit – 4: Inference from Linear Regression Estimation

Test of Hypothesis about Regression Coefficients and their Confidence Interval – Prediction with the Linear Regression Model

Unit – 5: Further Topics in Linear Regression Model

Multicollinearity: Effects, Detection and Remedies – Specification Errors and their Consequences – Qualitative Factors and Dummy Variables – Introductions to Heteroscedasticity and Autocorrelation of Disturbances (Ideas only).

Recommended Readings:

1. Johnston, J. “Econometric Methods”, McGraw Hill.
2. Gujarathi, D., “Basic Econometrics”, McGraw Hill.
3. Salvatore, Dominick and Reagle, Darrick, “Statistics and Econometrics”, Tata Mc Graw Hill

Paper – IX: DEVELOPMENT ECONOMICS – I

Unit – 1: Development and Underdevelopment-An Overview

Problems in Defining Economic Development — Per Capita Income as an Index of Development – Alternative Measures of Development Gap: HDI, GDI (including new concepts) and related indices. Poverty: Concepts and Measurement - Income Inequality and Growth – Redistribution with Growth

Unit-2: Theories of Economic Growth

Classical Approach-Adam Smith and Ricardo – The Theory of Marx.- Schumpeter’s Analysis, Harrod-Domar Model: Instability of Equilibrium – Solow’s Neoclassical Model and Steady State Growth – Role of Technical Progress – Convergence – Role of Human Capital – Endogenous Growth – Alternative Growth Model: Joan Robinson and Kaldor

Unit – 3: Theories of Development

The Vicious Circle Theory –The Process of Cumulative Causation: Myrdal – Neo-Colonial Dependence Model. The Stages of Growth: Rostow – Big Push: Rosenstein – Rodan – Balanced Growth: Nurkse – Unbalanced Growth: Hirschman – Critical Minimum Efforts: Leibenstein.

Unit – 4: Development from Dual Economic Structure

Unlimited Supply of Labour and The Dual Economy Models of Lewis and Fei-Renis – The Harris–Todaro Model.

Recommended Readings:

1. Meier, G.M., “Leading Issues in Economic Development”, OUP.
1. Todaro, M.P., “Development Economics”, Pearson.
2. Thirlwal, A. P. “Growth and Development” Palgrave
3. Roy, D., “Development Economics”, OUP.
4. Basu, K., “Analytical Development Economics: A Critique of Contemporary Theory”, OUP.
5. Sen, A. (Ed.), “Growth Economics”, Penguin.
6. UNDP, “Human Development Reports”, OUP.
7. World Bank, “World Development Reports”, OUP.
8. Barro & Salai-Martin, “Economic Growth”, Prentice Hall of India.

Paper – X: INTERNATIONAL ECONOMICS

Unit 1: International Trade Theories

The main propositions of Heckscher-Ohlin Model – Rybczynski Theorem - Heckscher-Ohlin Theorem – Stolper-Samuelson Theorem – Factor Price Equalization Theorem
Alternative Trade Theories: Vent for Surplus – Availability – Increasing Returns to Scale – Monopolistic Competition and International Trade – Imitation Gap and Product Cycle Theories of Trade

Unit 2: Economic Growth and International Trade

Effects of Growth on Trade – Growth, Trade and National Income – Trade and Technical Progress – Terms of Trade Effects – Prebisch-Singer Thesis

Unit 3: Trade and Policy Prescriptions

Types of Tariff – Partial Equilibrium Analysis of Tariff – General Equilibrium Analysis (Small Country Case) – Tariff and World Welfare – Tariff and Income Distribution – Effective Protection – Economic and Non-economic Arguments for Protection
Instruments of Commercial Policy: Export Tax and Subsidy – Quantitative Restrictions – International Cartels – Dumping – Other Non Tariff Barriers
Preferential Trading Club - Free Trade Area – Customs Union – Common Market – Economic Union – Trade Creation and Diversion - Dynamic Effects of Customs

Unit 4: International Monetary Order

Portfolio and Direct Investment – Theory of Direct Investment – Effects on Host and Investing Countries – Direct Investment and Exploitation, International Monetary System and Characteristics of a Good IMS – the Gold Standard – Inter-War Period – The Britton Woods System – Present System of Managed Flexibility Union – Optimum Currency Area – European Monetary System

Recommended Readings:

1. Chacholiades, M., “International Trade: Theory and Policy”, McGraw Hill.
2. Kindleberger, Ridge, “International Economics”, Irwin.
3. Soderston, B., “International Economics”, Tat McGraw Hill
4. Lipsey, R.G., “The Theory of Custom Union”, Windfield.
5. Caves, R.F. and Jones, “World Trade and Payment”, Little Brown Co.
6. Meade, J.F., “Theory of International Economic Policy”, OUP.
7. Roy, P.N., “International Trade: Theory and Policy”
8. Jain, Peyrand and Yadav, “International Financial Management”.
9. M.M. Conden, “Economics of Protection.”

Paper – XI: ISSUES IN INDIAN ECONOMY

Unit – 1: National Income, Unemployment and Poverty

National Income: Trends in Growth and Structure – Unemployment: Recent Trends and Estimates, Employment Policy under Different Plans, New Economic Policy and Employment Prospect – Poverty Analysis

Unit – 2: Industrial Policy and Controls

The Industrial Environment at Independence – Industrial Policy of 1956 – Performance of Industrial Licensing System – Economic Reforms and New Industrial Policy Industry – Indian Industry in the Contemporary context.

Unit – 3: Indian Agriculture

Agriculture Performance: Growth and Productivity – Agriculture Policy: Institutional Reforms, Credit Reforms, Agrarian Reforms – Agricultural Technology, Resources and Investment - Economic Reforms and their impact on Agriculture: Emerging Perspective.

Unit – 4: India's Economic Reforms

Rationale for Economic Reforms – History of Economic Reforms – Current Phases of Reforms – Public Sector Enterprises – Privatisation and Competition – Financial Sector Reforms – Planning in the Context of Liberalisation - Economic Liberalisation and Regional Planning in India.

Unit – 5: India in the Context of Emerging Global Economy

The Nature of Global Economy – Development in the World Economy – India's Economic Reforms in the Global Context – Foreign Trade Policy – Convertibility of Rupee – Impact of WTO on Indian Economy – Foreign Investment and Multinational Corporations.

Recommended Readings:

1. Bardhan, P., "The Political Economy of Development of India", OUP.
2. Brahmananda, P.R. and Panchamukhi, V.R., "The Development Process of Indian Economy", Himalaya.
3. Jalan, Bimal (Ed), "The Indian Economy – Problems and Prospects", Viking.
4. Kapila, Uma (Ed), "India's Economic Reforms", Academic Foundation.
5. Hazari, R.K., "Industrial Planning and Licensing Policy", Final Report.
6. Sen, A. and Dreeze, J., "Economic Development and Social Opportunities", OUP.
7. Wadhwa, C. (Ed), "Some Problems of India's Economic Policy", Tata McGraw Hill.
8. Fouseca, A.J. (Ed), "Challenge of Poverty in India", Vikas.
9. Rao, V.K.R.V., "India's National Income, 1950-1980", Sage.
10. Byres, T.J. (Ed), "The State, Development Planning and Liberalisation in India".

PAPER-XII: PUBLIC FINANCE-I

Unit-1 The State and its role in the Economy

The role of the government in the economy -*allocation, distribution, and stabilization functions*.
Criteria for policy evaluation – *equity, economic efficiency, paternalism and individual freedom and their tradeoff*

Unit-2: The Provision of Public Goods

The nature of Public goods, Public Goods and market failure, The efficient provision of public goods

Basic concepts- *The Theory of Clubs, Tiebout Hypothesis, Voluntary Bargaining in Small Groups (Coase's analysis)*

Public goods - *externalities, corrective policies, and viability of government intervention*

Public Choice: *Majority Rule and the Median Voter, Logrolling,*

Unit-3: Public Expenditure

Theories of Public Expenditure- *Lindahl's Model of Voluntary Exchange, Samuelson's Benefit Theory of Public Expenditure, Musgrave's Optimum Budget Theory*

Public Expenditures on, non-marketed goods, fixed-quantity subsidy for marketed goods, and excise subsidy - their impact on allocation and distribution

Evaluation of public expenditure- *cost-benefit analysis*.

Unit-4: Public Revenue

Concepts- *Tax Ratio, Buoyancy, and Elasticity of taxation, Rate schedules of taxation, Tax Credit, Exemption and Deduction, Excess burden of tax, and Taxable Capacity*.

Principles of Taxation: The Benefit Principle. The Ability to Pay Principle- *Concepts of equal sacrifice, ability to pay and tax rate schedules, the Maximum- Welfare Principle of Budget Determination*.

The Neo-classical Theory of Tax Incidence and Shifting, price-output effect of shifting under different cost conditions and market situations. Musgrave's Budget Incidence Theory.

Capitalization of tax

Value Added Tax.

Recommended Readings:

1. Cullis, John & Jones, Philip, "Public Finance and Public Choice", McGraw Hill.
2. Browning, E.K. & Browning, J.M., "Public Finance and the Price System", Pearson.
3. Musgrave & Musgrave., "Public Finance in Theory and Practice".
4. Current Report of the Finance Commission, India.
5. Buchanan, J.M., "The Public Finance", Richard D. Irwin.
6. Pigou, T.F. and L.G. Sgontz., "An Introduction to Public Finance", Houghton.

Paper – XIII: DEVELOPMENT ECONOMICS–II

Unit –1: Components in the Development Process

Agriculture's Contribution to Development – Agriculture-Industry Interactions – The Role of Land Reforms and Price Policy in Agricultural Transformation- Industrialization: Export Promotion versus Import Substitution Strategies – The Choice of Techniques.

Unit – 2: Development Planning

The Concept and Types of Planning – Rational for Planning in a Developing Economy – The Planning Process: Projection of Macro Variables, Input-Output Models and Sectoral Projections, Project Evaluation and Social Cost-Benefit Analysis – Plan Failures, Market Versus Planning – Planning in a Market Oriented Economy – Plan Models in India (The Models of 2nd Plan, 5th Plan and the ongoing Plan)

Unit – 3: Financing of Development

Domestic Sources: Private Savings, Taxation – Financing by Money Creation and its Effects – The Dual Gap Analysis: Saving-Investment Gap and the Foreign Exchange Gap – Foreign Borrowing and the Debt Serving Problem – Private Foreign Investment.

Unit – 4: Environment and Development

Environment and Economy Interdependence - Poverty and Environmental Degradation – The Concept of Sustainable Development - Micro Planning for Environmental and Eco-Preservation – Watersheds and Joint Forest Management - Role of State in Environmental Preservation

Recommended Readings:

2. Meier, G.M., “Leading Issues in Economic Development”, OUP.
3. Todaro, M.P., “Development Economics”, Pearson.
4. Thirlwal, A. P. “ Growth and Development” Palgrave
5. Roy, D., “Development Economics”, OUP.
6. Basu, K., “The Less Developed Economy:”, OUP.
7. World Bank, “World Development Reports”, OUP.

PAPER-XIV: PUBLIC FINANCE-II

Unit-1: Public Debt

Public Debt – sources, burden and effects. Optimality in Public Debt Management
Pay-As-You-Use and Pay-As-You-Go Finance, Musgrave's Intergeneration Equity Theory

Unit-2: Public Budget

The Modern Theory of Public Budgeting, Structure of a public budget, Incremental and Zero-base Budget, Outcome Budget

Concepts: Budget deficit, revenue deficit, fiscal deficit and primary deficit.

The current Union and the Assam state budget.

Unit-3: Fiscal Policy

Fiscal Policy and its role in the economy, Compensatory Fiscal Policy, Functional Finance and Pump Priming

Fiscal Policy under conditions of inflation, and in the presence of unemployment

The Balanced Budget Multiplier, Built-in- Flexibility in the compensatory mechanism

Incidence of deficit financing: Impact of deficit finance on the capital market: *The Crowding Out Effect*. The welfare cost of deficit finance. Rationale and methods of reducing deficits

Unit-4 Fiscal Federalism

Principles of division of financial resources, Instruments of inter-government resource transfer.

Horizontal and Vertical fiscal balance, Problems of Centre-State Financial Relations in India

Recommended Readings:

1. Cullis, John & Jones, Philip, "Public Finance and Public Choice", McGraw Hill.
2. Browning, E.K. & Browning, J.M., "Public Finance and the Price System", Pearson.
3. Musgrave & Musgrave., "Public Finance in Theory and Practice".
4. Current Report of the Finance Commission, India.
5. Buchanan, J.M., "The Public Finance", Richard D. Irwin.
6. Pigou, T.F. and L.G. Sgontz., "An Introduction to Public Finance", Houghton.

Optional Papers

(a) POPULATION AND HUMAN RESOURCE DEVELOPMENT

Unit – 1: Basic Theories and Concepts

The Malthusian Theory of Population - Theory of Optimum Population - Theory of Demographic Transition - Population as Limits to Growth and as 'Ultimate Source' - Sources of Population Data - Population Pyramids, Population Change: Concepts and Measurement - Characteristics of Indian Population as Revealed by the Latest Census.

Unit – 2: Elements of Vital Statistics

Vital Rates: Measures of Fertility – Crude Birth Rate, General Fertility Rate, Age Specific Fertility Rates, Measures of Reproductivity – Total Fertility Rate, Gross Reproduction Rate, Net Reproduction Rate – Measures of Mortality – Crude Death Rates, Age Specific Death Rates, Concept of Infant Mortality Rate, Life Table – Concept, Types and Uses, The Different Columns of a Complete Life Table.

Unit – 3: Economics of Education

Education and Human Resource Development – Education and Economic Development – Cost – Benefit Analysis of Education – Measurement of Costs – Measurement of Benefits – The Rate of Return of Investment in Education – Social Rate of Return to Investment in Education - Public and Private - Financing of Education: Criteria for Adequacy of Education Finance, Traditional as well as Modern Concept of Adequacy – Financing of Education and Equity – Financing for Higher Education in India and its Problems.

Unit – 4: Manpower Planning

Significance and Problems, Measurement – Manpower Demand and Supply – Methodological Issues in Estimating Manpower Demand and Supply – Input-Output Method in Forecasting Manpower Requirement – Educational Planning and its Economic Aspects, Meaning and Concept of Brain Drain – Brain Drain and Under-developed Countries – Cost of Brain Drain.

Recommended Readings:

1. Bhende, A., and R. Kanitkar, "Principles of Population Studies".
2. Gupta and Kapoor, "Fundamentals of Applied Statistics."
3. Goon, Gupta, DasGupta, "Fundamentals of Statistics", Vol. II.
4. Ramkumar, R, "Technical Demography".
5. Nick hanley and Others, "Environmenatl Economics", MacMillan.
6. G. Psacharopolous (ed), "Economics of Education" Perdgaman Press.
7. Ian Beardwell and Len Holden (ed), "Human Resource Management – Contemporary Perspective", MacMillan.
8. M.P.Todaro, "Economic Development in the Third World", Oriented Longman.
9. NCAER, "India: Human Development Report".
10. UNDP Human Development Reports, Oxford University Press.

(b) ECONOMETRIC METHODS

Unit – 1: Generalised Least Squares

Aitken's Theorem of GLS – Feasible GLS and its Properties – Heteroscedasticity: Test and Solutions – Autocorrelation: Test and Solutions.

Unit – 2: Non-Linear Estimation

Non-Linear Least Squares and Iteration process – Models with Binary Dependents Variables – Logit and Probit Models

Unit – 3: Distributed Lag Models

Concept – Koyck Model – Partial Adjustment and Adaptive Expectation Models – Estimation of Models with a Lagged Dependent Variable – Test of Autocorrelation in Auto-Regressive Models

Unit – 4: Analysis of Time Series

Components of Time Series – Fitting of Trend – Variate Difference Method – The idea of a stochastic Time Series - Stationary and Non-stationary Time Series – Autocorrelation Function and Correlelogram - the Problem of Regression Analysis with Non-stationary Time Series.

Unit – 5: Introduction to Simultaneous Equation Model

Structural and Reduced Forms – Simultaneity Bias – Informal Introduction to Identification Problem, Indirect Least Squares and Two Stage least Squares

Recommended Readings:

1. Johnston, J., "Econometric Methods", McGraw Hill.
2. Gujarathi. D., "Basic Econometrics", McGraw Hill.
3. Pindyck and Rubinfeld, "Econometric Models and Econometric Forecasts", McGraw Hill.
4. Greene, William, "Econometric Analysis", Macmillan.
5. Johnston and Dinardo, "Econometric Methods", McGraw Hill.

(c) ENVIRONMENTAL ECONOMICS

Unit –1: The Economy and the Environment

Interlinkings between the Economy and the Environment – The First two laws of Thermodynamics – Environment Degradation as Market Failure- Externality, Pigouvian Tax, Property Rights and Transaction Costs – Environmental Public Goods

Unit – 2: Economics of Natural Resources

Economic Issues relating to use of Non-renewable Resources, Optimal Depletion – Issues relating to Renewable resources, Sustainable exploitation - Common Property Resources – Open Access – The Tragedy of Commons

Unit –3: Valuation of Environmental Damages and Benefits

Use and Nonuse Values - Valuation Methods – Stated Preference Methods: Contingent Valuation – Revealed Preference Methods: Hedonic Pricing and Travel Cost Method – Environmental Impact Assessment.

Unit –4: Environment and Development

Environment Development Trade off – Poverty and Environment – Concept and Indicators of Sustainable Development: Environmental Accounting - Policies for Sustainable Development.

Unit –5: Political Economy of Global Environmental Issues

Climate Change, Loss of Biodiversity, Ozone Depletion, International Conventions and Protocols –Trade and Environment – Pollution Havens.

Recommended Readings:

1. Kolstad, Charles D., “Environmental Economics”, Oxford University Press.
2. Hanley, Shogren and White, “Environmental Economics”, Macmillan.
3. Shanker, U, “Environmental Economics”, Oxford University Press.
4. Bhattacharjya, R., Environmental Economics”, Oxford University Press.

(d) FINANCIAL SYSTEM

Unit-1: The Financial System

Components of the financial system: Institutions, Markets, Instruments, and Services.-Functions of the Financial System. - Relationship between the Financial System and Economic Growth.

Unit-2: Financial Markets- Money Market

Structure and Functions. - Instruments in the money market -Treasury Bill, Call Money Market, Commercial Papers, Certificate of Deposits and Commercial Bills. Money Market Intermediaries: The Discount and Finance House of India and Money Market Mutual Funds. Liquidity Management Instruments in the Money Market -.Money Market Derivatives.

Unit- 3: Financial Markets- Capital Market

Structure and functions of the capital market - Primary Equity Market: Instruments of resource mobilization- Public Issues, Right Issues, and Private Placement. Resource mobilization from International Capital Market.- Secondary Equity Market: Functions of the secondary market. The Stock market and its operation. Stock Market Index- The BSE Sensex and the NSE Nifty - Derivative Equity Market: Nature of Derivatives and their benefits. Types of Financial Derivatives. - Debt Market: Participants in the Debt Market- The Private Corporate Debt Market, The PSU Bond Market and the Government Securities Market, MF Role and types of MF – Concepts of NPV.

Unit-4: Valuation of Financial Assets

The time value of money and asset pricing - The valuation of debt instruments - The equilibrium price and quantity of bonds: loanable fund approach, Demand and Supply approach. - Valuing stock and other assets- income stocks and growth stocks -Equilibrium price and value of stock transactions.

Unit-5: Financial Sector Reforms

Evolution of Banking System in India - Banking Sector Reforms - Reforms in the Capital Market.

Recommended Readings:

1. Baye, R. Michael & Jonson, W. Bennis, “Money, Banking and Financial Market-An Economic Approach”, AITBS Publishers.
2. Pathak, Barati, B., “Indian Financial System”, Pearson Publication.
3. Chandler, V.L., “The Economics of Money and Banking”
4. Saxena, R.M., “Development Banking in India”
5. Gupta, S. B., “Monetary Economics: Institutions, Theory and policy”
6. Avadnani, V.A., “Studies in Indian Financial System”
7. Sharma, S.K., “The Institutional Structure and Capital Market in India”
8. Dagli, V., “Financial Institutions in India”
9. Gupta, U.L., “Working of Stock Exchanges in India”
10. Raj, J., “Money Market, Mutual Funds: Scope and Implications”
11. RBI Reports, Tandon, Chakraborty, Dantwala Reports
12. Reserve Bank of India, “Functions and Working”.

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

SL. NO	PAPER NO	PAPER NAME
FIRST SEMESTER		
1	I	Microeconomics Theory
2	II	Macroeconomics Theory – I
3	III	Mathematical Methods for Economic Analysis-I
4	IV	Statistical Methods for Economic Analysis
Second Semester		
5	V	Advanced Microeconomics
6	VI	Macroeconomic Theory –II
7	VII	Mathematical Methods for Economic Analysis-II
8	VIII	Elementary Econometrics
Third Semester		
9	IX	Development Economics-I
10	X	International Economics
11	XI	Issues in Indian Economy
12	XII	Public Finance-I
Fourth Semester		
13	XIII	Development Economics-II
14	XIV	Public Finance-II
15	(a)	Population and Human Resource Development
16	(b)	Econometric Methods
17	(c)	Environmental Economics
18	(d)	Financial System

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING(GUIDOL)

Programme Project Report (PPR)

PPR ID : GU/GUIDOL/PPR/38 (Total no. pages : 22)

Programme: MA in Education

1. Programme mission and objective:

The mission of the Programme is "to cater the needs of higher education in Education and to widen the periphery of Education."

Objectives of the Programme:

The M.A. in Education Programme, aims at producing a team of well-trained individuals knowledgeable in education and its various dimensions. More specifically, the M.A. in Education programme intends to:

- Provide teaching-learning experiences, which will enable learners to understand and appreciate knowledge, structures and paradigms of education.
- Develop professionals for effective participation in educational activities in different areas of education and research.
- give emphasis on both disciplinary and professional dimensions of education as an area of study.
- to develop theoretical and practical foundations of education as a subject.
- to cater to the manpower needs of various public/private educational and research institutions in the relevant field.

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in the year 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the


Registrar
Gauhati University, Guwahati-14

Department of Education was established in 1948 and has set up, over the years, a close association with various formal and informal educational and research institutions.

Keeping in view the motto of “*Quality Higher Education For All*”, MA in Education to be offered through ODL mode is highly relevant to the HEI’s mission and goals as it aims to provide quality higher education in Education to those aspiring candidates who are deprived of higher education. Moreover, to keep the quality intact the curriculum and syllabus is designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and Target group of Learners: Our target group includes those:-

- (1) deprived of admission in the parent Department of regular mode due to limited intake capacity.
- (2) employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- (3) drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- (4) job seekers.
- (5) lifelong learners.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI, external experts and teachers of IDOL, keeping in view the needs of the diverse class of learners.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-

MA in Education programme to be offered through ODL Mode will have certain learning outcomes. The programme will help the learners

- to develop conceptual and analytical abilities of learners.
- to enhance and develop their knowledge and understanding of the theoretical and practical foundations of Education as a subject.
- to demonstrate essential knowledge and exhibit disciplinary knowledge and behavior essential for teaching and learning.
- to conduct research in education
- to commit to action that demonstrates care for others

The learners will also be acquainted with various generic skills and competencies for teaching learning, evaluation, educational research and educational management.

5. Instructional Design:

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and GUIDOL, keeping in view the needs of the diverse class of learners.
- b) **Detailed Syllabus:** File containing detailed syllabus is attached.
- c) **Duration of the Program:** Minimum 2 years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in four(4) semesters having five(5) course/papers in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and term end/semester end exam.

e) Faculty:

1. Prof. Gayatree Goswamee (MA, PhD) Department of Education, Gauhati University & Programme Co-ordinator
2. Dr. Manoja Kumar Nayak (MA, B.Ed, PhD)
Asst. Professor, GUIDOL (Full Time)
3. Guest Faculties from Department of Education HEI and other affiliated colleges.

f) Media: Print Media, ICT based content, content delivered through e-learning portal

g) Student Support Service: In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-

- i) **Network of Study Centres:** To assist its learner, IDOL has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- ii) **Library** with around 8 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is

logged on, he will receive an alert of incoming messages. Then he can reply to the message.

- Online Study Material
- Old Examination Question Papers

- iv) **Dynamic Website www.idolgu.in** : IDOL has its own dynamic website where one can get all the information regarding IDOL, its programme, up-coming events, examination result etc.
- v) **Computerised admission process with provision of online admissions**: The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in.
- vi) **Flexible Walk in Group Counselling (FWGC)**: Regular group and individual counselling will be held in the IDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio**: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. **Procedure for Admissions, Curriculum transaction and Evaluation-**

- **Admission-** The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for MA in Education Programme is Bachelor degree in any discipline, with or without a degree in education from any recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00 (Seven Thousand) only per year, excluding fee for practicals. Financial Assistance shall be provided to the candidates belonging to the SC/ST and OBC categories in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor.
- **Curriculum transaction-** The curriculum shall be transacted throughout the year as per the *Activity Planner* which is enclosed as an annexure.
- **Evaluation-** Each course/paper shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. However, candidate must secure 40% marks to pass practical papers. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of the Gauhati University.

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines related to education are available.

8. **Estimated cost of the Programme:** Total estimated cost of the programme is approximately Rs. 52.5 Lakhs which includes preparation and printing of SLMs, remuneration of the resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. **Quality assurance Mechanism and Expected Programme outcome:**

- **Quality assurance Mechanism** :The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.
- **Expected Programme outcome:** The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below-

Course Benchmark Statement: Master's degree in the Education shall be awarded to those learners who demonstrate:

- theoretical and practical foundations of education as a subject
- conceptual and analytical abilities to field educational psychology
- essential knowledge, proficiency and behavior essential for teaching.
- ability for further study and research in education and other related domains.
- professional competency in the relevant field

**Syllabus for MA Programme (Semester System)
in Education
Gauhati University
Institute of Distance and Open Learning**

COURSE STRUCTURE

A student shall do a total number of 20 (twenty) papers in the four Semesters. Each paper will carry 80 marks of which 16 marks (20% of the total marks) for internal evaluation during the semester and 64 marks for external evaluation through end semester examination.

First Semester

PAPER CODE	PAPER NAME	Marks		Total
		Examination	Home Assignment	
EDU-101	SOCIOLOGY OF EDUCATION	64	16	80
EDU-102	ADVANCED EDUCATIONAL PSYCHOLOGY	64	16	80
EDU-103	EDUCATIONAL TECHNOLOGY	64	16	80
EDU-104	COMPARATIVE EDUCATION	64	16	80
EDU-105	METHODS AND TECHNIQUES OF TEACHING	64	16	80

Second Semester

PAPER CODE	PAPER NAME	Marks		Total
		Examination	Home Assignment	
EDU-201	SOCIAL DYNAMICS	64	16	80
EDU-202	MEASUREMENT AND EVALUATION IN EDUCATION	64	16	80
EDU-203	PROBLEMS AND ISSUES IN INDIAN EDUCATION	64	16	80
EDU-204	(A) ABNORMAL PSYCHOLOGY	64	16	80
	(B) DEVELOPMENTAL PSYCHOLOGY	64	16	80
EDU-205	OPEN AND DISTANCE EDUCATION	64	16	80

Third Semester

PAPER CODE	PAPER NAME	Marks		Total
		Examination	Home Assignment	
EDU-301	METHODOLOGY OF EDUCATIONAL RESEARCH	64	16	80
EDU-302	STATISTICS IN EDUCATION	64	16	80
EDU-303	TEACHER EDUCATION	64	16	80
EDU-304	EDUCATION PLANNING AND MANAGEMENT	64	16	80
EDU-305	LABORATORY PRACTICAL			80

Fourth Semester

PAPER CODE	PAPER NAME	Marks		Total
		Examination	Home Assignment	
EDU-401	PHILOSOPHY OF EDUCATION	64	16	80
EDU-402	THEORIES OF EDUCATION	64	16	80
EDU-403	ENVIRONMENTAL AND POPULATION EDUCATION	64	16	80
EDU-404	(A) ECONOMICS OF EDUCATION	64	16	80
	(B) GUIDANCE & COUNSELLING	64	16	80
EDU-405	CURRICULUM DEVELOPMENT	64	16	80

FIRST SEMESTER

DETAIL SYLLABUS FOR

EDU 101 : SOCIOLOGY OF EDUCATION

Unit 1 : Sociology of Education: Its nature and scope, Theories of Educational Sociology

Unit 2 : Culture: Primitive culture and modern culture, material culture and spiritual culture, composite culture, multiculturalism, culture and personality, Education as an instrument of socio-cultural change.

Unit 3 : Agents of Socialization: Family, School, State and Religion. The School as a Social system.

Unit 4 : Social Stratification and Social Mobility: Education and Social mobility. Social change, social control and social order, Population growth and social change, Education and Population Control.

Unit 5 : Social Disorganisation: Factors in social disorganization. The Role of Education in the prevention and control of social disorganisation.

Reference & Suggested Readings :

1. Ogburn and Nimkoff : *A Handbook of Sociology*
2. S.S. Mathur : *A Sociological Approach to Indian Education*

EDU 102 : ADVANCED EDUCATIONAL PSYCHOLOGY

Unit 1 : Learning : Meaning and Nature, Theories of Learning- Connectionism, Gestalt Theory, Field Theory, Classical Conditioning, Operant Conditioning. Constructivism and their Educational Implications.

Unit 2 : Variables in Human Learning: Maturation in learning, Motivation in learning, Meaning of intrinsic /extrinsic motivation. Theory of Achievement Motivation, Maslow Need Theory, Role of Teacher, Transfer of Training/ Learning, Types of Transfer of Learning, Theories of Transfer of Learning- (1) Theory of Mental Discipline (2) Theory of Identical Elements or Components (3) Theory of Generalisation of Experience - Role of Teacher in Transfer of Learning.

Unit 3 : Intelligence: Meaning and Nature, Influence of Heredity and Environment on Intelligence, The Piagetian Theory of Intellectual Development, Concept of Multiple Intelligence, Social Intelligence and Emotional Intelligence.

Unit 4 : Reasoning, Problem Solving and Creative Thinking: Characteristics of Problem Solving, Nature, Development and identification of creativity and fostering creativity.

Unit 5 : Personality: Meaning and Nature, Development, Genetic and Cultural Factors of Personality. Theories of Personality-Trait Theory and Type Theory with special reference to Freud, Adler, Roger, Cattell. Adjustment Mechanism and Mental Hygiene.

Reference & Suggested Readings :

1. S.K. Mangal : *Advanced Educational Psychology*
2. HR. Bhatia : *Elements of Educational Psychology*
3. S.S. Chauhan : *Advanced Educational Psychology*

EDU 103: EDUCATIONAL TECHNOLOGY

Unit 1 : Educational Technology: Meaning, Nature and Scope, Role of Educational Technology in Distance Education.

Unit 2 : Approaches to Educational Technology: Hardware approach and Software approach.

Unit 3 : System Approach: Instructional Design.

Unit 4 : Programme Instruction: Meaning, Scope, Importance of Programmed Instruction, Basic Principles of Programme Instruction.

Unit 5 : Educational Technology for Teachers: Flanders Interaction Analysis, Computer Assisted Instruction (CAI), Computer Managed Learning (CML) Computer Aided Evaluation (CAE), Internet-Meaning, Historical Background, Importance, Utility, Role of Internet in Education, Teleconferencing, E-learning tools, OER (Open Educational Resources).

Reference & Suggested Readings :

1. J.C. Agarwal : *Essentials of Educational Technology Teaching Learning in Education.*
2. Dr. A.R. Sarma : *Educational Technology*
3. Usha Rao : *Educational Technology*

EDU 104: COMPARATIVE EDUCATION

Unit 1 : Comparative Education: Its Meaning, Scope, Purpose, and Methods, Determinants of National System of Education.

Unit 2 : England: National Educational System of England, Pattern of Administration, Primary Education, Secondary Education, Higher Education and Teacher Education.

Unit 3 : Japan: National Educational System of Japan, Pattern of Administration, Primary Education, Secondary Education, Higher Education and Teacher Education.

Unit 4 : USA: National Educational System of USA, Pattern of Administration, Primary Education, Secondary Education, Higher Education and Teacher Education.

Unit 5 : Germany: National Educational System of Germany, Pattern of Administration, Primary Education, Secondary Education, Higher Education and Teacher Education.

Reference & Suggested Readings :

1. Chaube and Chaube : *Comparative Education*
2. V.K. Rao & R.S. Reddy : *Comparative Education*

EDU 105: METHODS AND TECHNIQUES OF TEACHING

Unit 1 : The Teaching Learning Process: General Characteristics, Aims and Nature of Learning. Marks of Good Teaching.

Unit 2 : Taxonomy of Educational Objectives: Historical Background - Problems of Classifying Educational Objectives.

Unit 3 : Teaching Techniques: Maxims of Teaching, Teaching Devices, Explanation, Questioning, Illustration, Teaching Aids, Style of Teaching.

Autocratic Style: Lecture Method, Demonstration, Tutorial, Team Teaching.

Permissive Style: Brain Storming, Group Discussion. Panel Discussion, Project, Seminar, Symposia, Workshop. Virtual Classroom.

Unit 4 : Micro Teaching: Skill Development and Stimulation.

Unit 5 : Lesson Plan: Essential of a Good lesson Unit, Types of Lesson skill, Knowledge. Appreciation, Methods of Teaching different subjects - Languages, Mathematics, General Science and Social Studies.

Reference & Suggested Readings :

1. S.K. Kochhar : *Methods and Techniques of Teaching*
2. Bhatia and Bhatia : *The Principles and Methods of Teaching*

SECOND SEMESTER

DETAIL SYLLABUS FOR

EDU 201 : SOCIAL DYNAMICS

Unit 1 : Beliefs and Attitudes: Meaning, Nature and Development of Attitudes. Influence of Attitude on Behaviour, Fads, Mores, Folkways, Prejudices and Superstitions.

Unit 2 : Attitude Change: Resistance of Attitude to change, Attitude change through Persuasion, Propaganda, Counter Propaganda and Education.

Unit3 : Social Interaction I: Interpersonal Perception, Interpersonal response, Interpersonal Attraction, Theories of attraction, Person's Perception.

Unit 4 : Social Interaction II : Social Interaction and Education, The School as a Social System, Social Interaction in the Classroom, Teacher Student Relationship, Peer Group and Student Sub-Culture.

Unit 5 : Group Organisation and Structure: Group Size, Group Cohesiveness and Group Morale, Group Dynamics, Intergroup Conflict, Reduction of Intergroup Conflict, Leadership-Characteristics and Functions, Leadership Training.

Reference & Suggested Readings :

1. B. Kuppaswami : *An Introduction to Social Psychology*
2. Haseen Taj : *Social Psychology*

EDU 202 : MEASUREMENT AND EVALUATION IN EDUCATION

Unit 1 : Scales of Measurement: Measurement in Physical and Social Sciences, Nature of Educational Measurement and Evaluation.

Unit 2 : Test Construction and its Standardization: Meaning and Nature, Principles and Methods of Test construction and standardization, Selection of subject matter, Item writing. Administration, Analysis and Selection of Test Items, Methods for Estimating Test Reliability, Test validation Procedures. Test Scores and Scales, Norms and their uses.

Unit 3 : Measurement of General Intelligence: Binet-Simon Tests, Weschler Tests of intelligence, Age scale and Point scale. Uses of General Intelligence Tests in Education.

Unit 4 : Aptitude Tests: Attitude Tests, Test of Interest, personality Tests through Subjective, Objective and Projective techniques, Test of Creativity.

Unit 5 : Educational Achievement and its Measurement: Objectives of Achievement Tests, Construction of Achievement Test, Diagnostic Test and Performance Test, Essay and Objective Type Tests.

Reference & Suggested Readings :

1. Bipin Asthana & R.N. Agarwal : *Measurement & Evaluation in Psychology and Education*
2. M. Goswami : *Measurement & Evaluation in Psychology and Education*

EDU 203 : PROBLEMS AND ISSUES IN INDIAN EDUCATION

Unit 1 : Educational Provisions: Educational Provisions of the Indian Constitution and their implementations.

Unit 2 : Right to Education: Education for Human Rights, Child Rights, Women Rights.

Unit 3 : Role of Association of Indian University (AIU): University Grants Commission (UGC) and National Assessment and

Accreditation Council (NAAC) in the Management and Control of Indian Higher Education.

Unit 4 : Problems of Higher Education: Problems of Finance, Educational Autonomy, Privatization and Globalization of Higher Education.

Unit 5 : Issues of Education: Women Education; Student Unrest and Campus Disturbance, Early Childhood Education, Continuing Education, Distance Education, Peace Education, Vocationalization of Secondary Education, Medium of Instruction.

Reference & Suggested Readings :

1. R.N. Safaya: *Development, Planning & Problems of Indian Education*
2. V.K. Kohli : *Indian Education & Its Problem*

EDU 204 (A) : ABNORMAL PSYCHOLOGY

Unit 1 : Concept of Abnormal Behaviour: Popular Beliefs and Misconception, Modern Concept of Abnormality, Classification of the Abnormal Behaviours, General causes of Abnormal Behaviour.

Unit 2 : The Adjustment Process: Frustration and Conflict, Reaction to Frustration, Problems of Personal Adjustment, Adjustment with self and situations prevailing at Home, School and Environment.

Unit 3 : Concept of Mental Health and Hygiene: Scope of Mental Hygiene, Mental Hygiene Movement, Mental Hygiene and Education, Mental Deficiency, Alcoholism and Drug Addiction, Anti Social Activity.

Unit 4 : Psychoneurosis and Psychoses: Hysteria, Anxiety, Neuroses, Obsessive Compulsive Neuroses, Phobias, Schizophrenia, Manic Depressive Psychoses, Involutional Melancholia, Paranoia.

Unit 5 : Incidence and Care of Mental Patient: Hospitalisation and Treatment, Psycho Therapy, Hynosis and Psycho Analysis.

Reference & Suggested Readings :

1. S.K.Mangal : *Abnormal Psychology*
 2. S.P. Chaube : *Abnormal Psychology*
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EDU 204 (B): DEVELOPMENTAL PSYCHOLOGY

Unit I : Growth and Development: Concept, Prenatal Development, The New Born Child, Actions and Reactions of the Neonate.

Unit 2 : (a) Infancy: Developmental Aspects, Emotional, Motor, Sensory, Early Needs and Habit Formation,

(b) Childhood: Language Development in Children, Development of Concepts, Speech Development.

Unit 3 : Children and their Parents: Individual differences in response to parental acceptance and rejection, children of broken homes, children of working mothers.

Unit 4 : Physiological Growth: Mental Development, Moral Development, Social Development during Adolescence, Influence of Family and Peers in their Social Relationships.

Unit 5 : Personality Development during Adolescence: Self Concept, Self Esteem, Personality Deviation, Adjustment Problems and Juvenile Delinquency.

Reference & suggested Readings :

1. Hurlock : *Developmental Psychology*
2. Thompson : *Child Psychology*
3. Gayatree Goswamee : *Child Development and Child Care*

EDU 205: OPEN AND DISTANCE EDUCATION

Unit I : Growth, Philosophy and History of Distance and Open Learning: Socio-Academic Issues of Distance and Open Learning, Philosophical Foundations of Distance and Open Learning, Growth and History of Distance Learning, Growth and Innovations of Distance and Open Education.

Unit 2 : Self Learning Materials for Distance and Open Learning: Factors in the Design of Learning Materials, Principles of SLM Design, Design of Self Learning Materials : A Review, Preparation of Learning Materials, Operational Aspects.

Unit 3 : Students Support Services: Support Seivices, Need and Mechanisms, Counselling and Tutoring Services, Interaction through Assignments.

Unit 4 : Planning and Management of Distance and Open Learning: Planning and Management at Open University system.

Unit 5: Information and Communication Technology for Distance Education : Communication Technology Basics, Media in Distance Education, Audio and Video Production, Computer and Communication Networks.

Reference & Suggested Readings :

1. A.B. Aich & Anirvan Ghosh : *Open and Distance Learning*
2. K.M. Manohar : *Distance Education in India*
3. K. Das : *ODL System in Transition*
4. S. Ramalingam : *Open Distance Learning*

THIRD SEMESTER

DETAIL SYLLABUS FOR

EDU. 301 METHODOLOGY OF EDUCATIONAL RESEARCH

Unit 1 : Meaning, Nature and Scope of Educational Research:

Methodes of Educational Research - Survey Method, Experimental Method and Historical Method.

Unit 2 : Review of Related Literature: Its Need and Importance

in Educational Research, Hypothesis, Its Meaning and Nature in Educational Research, Characteristics of Valid Hypothesis, Sources of Hypothesis, Formulation and testing Hypothesis, Null Hypothesis and its Importance in Educational Research.

Unit 3 : Sampling: Meaning and Nature, types of Sampling,

Representative Vs Random Sampling, Techniques of Randomization in Sample Selections, Sample Size, Random Sampling Errors and its Importance for Drawing Inferences.

Unit 4 : Tools of Educational Research: Observation Schedule,

Questionnaire tools, Interview Schedule, Psychological and Educational Tests.

Analysis and Interpretation of Data-Qualitative and Qualitative Techniques of Data Analysis.

Unit 5 : Preparation of Research Synopsis: Steps involved in

preparing Research Proposal. The Research Report.

Reference & Suggested Readings :

1. Lokesh Koul : *Methodology of Educational Research*
2. Fredn N. Kerlinger : *Methodology of Educational Research*

EDU. 302 STATISTICS IN EDUCATION

Unit 1 : Normal Distribution: Characteristics and its Applications.

Unit 2 : Measures of Central Tendency and Dispersion: Parametric and Non Parametric - Concept and Types.

Unit 3: Chi-square: Chi Square of Equation, Normality and Independence.

Unit 4 : Regression and Correlation: Regression Equation, Regression and Prediction, Product Moment Correlation and Scattered Diagram.

Unit 5 : Z-test and T-test: For Independent and Dependent Group, Analysis of Variance: one way and two way Anova.

Reference & Suggested Readings :

1. H.E. Garrett : *Statistics in Psychology and Education*
2. S.K. Mangal : *Statistics in Psychology and Education*
3. Kaberi Saha : *Statistics in Education and Psychology*

EDU. 303 TEACHER EDUCATION

Unit 1 : Concept of Teacher Education: Historical Development of

Teacher Education, Distinction between Teacher Training and Teacher Education, Professional Ethics of Teachers.

Unit 2 : Preparation of Teachers for Primary, Secondary and Higher Stages.

Unit 3 : Institutions associated with Teacher Education - NCERT, SCERT, DIET, NCTE and ASC and their roles.

Unit 4 : Preparation of Teachers for Specialized Areas: Physical Education, Language, Science, Mathematics and Social Sciences.

Unit 5 : Professional Preparation of Teachers through Distance Mode, Challenges of Teacher Education.

Reference & Suggested Readings :

1. S.S. Mathur : *Teacher and Secondary Education*

EDU. 304 EDUCATIONAL PLANNING AND MANAGEMENT

Unit 1 : Meaning, Nature and Scope of Educational Management:

Educational Management, Administration & Organisation their difference & relationship; Basic Principles of Educational Management.

Educational Institutions in the changing Social Scenario of the 21st century; Futurology of managing Higher Education; Human relation Movement in Educational Management; Total Quality Management in Education (TQM).

Unit 2 : Management Process in Education: Planning, Organizing, Directing and Controlling. The Center-State Relationship in Educational Planning and Administration; Educational Planning in India after Independence, Approaches to Educational Planning- Social Demand Approach, Rate of return Approach, Manpower Requirement Approach-their Limitation; Factors Affecting Educational Planning & Administration.

Unit 3 : Institutional Planning: Its Need and Importance; Planning for Infrastructure and Personal; Classroom Management with reference to Teacher as a Manager and Managerial Skills.

Unit 4 : Personal Management in Education: Recruitment and Selection of Teaching and Administrative Staff; Staff Development in Education.

Unit 5 : Finance: Importance of Educational Financing at various Levels. Selecting Priorities for Financing of Education, Privatization of Higher Education in India, Planning Programming Budgeting System (PPBS) Educational Supervisions.

Reference & Suggested Readings :

1. Ramesh Sing & M. Chouhan : *Management of Education*
2. J. Mohanty : *Educational Management, Saperism, School Organisation*

EDU. 305 LABORATORY PRACTICAL

Course Content : The Course Content will consist of One Module – Laboratory Practical

Distribution of marks per unit:

Psychological Experiment with Apparatus	30
Psychological Experiment without Apparatus	20
Viva Voice	15
Note Book	15
Total	80

LIST OF EXPERIMENTS AND TESTS

- LEARNING**
- (i) Learning by Trial and Error Process
 - (ii) Effect of Mental Fatigue in Learning
 - (iii) Distributed Vs Massed Learning
 - (iv) Whole Vs Part Method of Learning
 - (v) Maze Learning
 - (vi) Proactive and Retroactive Inhibition
 - (vii) Associative Mediation Effect in Verbal Learning (Short Term)
- TRANSFER OF LEARNING**
- (i) Bilateral Transfer- Mirror Drawing
- MOTIVATION**
- (i) Knowledge of Result
 - (ii) Effect of Frustration on Performance
 - (iii) Achievement Motivation
- MEMORY**
- (i) Comparison of Memorization between Meaningful Materials and Non-sense Materials
 - (ii) Memorization by Association of Ideas

	(iii) Logical Memory and Memory of Discrete Materials
	(iv) Auditory and Visual Memory
	(v) Short Term Memory as a Function of Retention Interval
ATTENTION	(i) Span of Attention
	(ii) Distraction and Attention
	(iii) Division of Attention
PERSONALITY	(i) Testing of Personality- Measurement of Values
	(ii) Personality Test of Introversion - Extroversion
	(iii) Personality Adjustment Test
	(iv) Rorschach Ink Blot Test
	(v) Thematic Apperception Test
INTEREST	(i) Measurement of Interest
INTELLIGENCE	(i) Measurement of verbal and Non-verbal Intelligence
APTITUDE	(i) Differential Aptitude Test (DAT)
REACTION TIME	(i) Simple Reaction Time
	(ii) Complex Reaction Time
	(iii) Associative Reaction Time
IMAGINATION	(i) Ink Blot Test
	(ii) Creative Imagination and Invention
THINKING	(i) Concept Formation

Reference & suggested Readings :

1. P.C. Das : *Experiment and Measurement in Education and Psychology*
2. L. R. Saikia : *Psychological and Statistical Experiments in Education*

FOURTH SEMESTER
DETAIL SYLLABUS FOR

EDU. 401 PHILOSOPHY OF EDUCATION

Unit 1 : Nature and Scope of Philosophy: Philosophy and Science, Philosophy and Education, Content and Function of Educational Philosophy.

Unit 2 : Basic Philosophy of Vedic, Buddhistic and Islamic Education in India.

Unit 3 : Platonic philosophy of Education.

Unit 4 : Schools of Educational Philosophy: Naturalism, Idealism, Pragmatism and Existentialism, Realism.

Unit 5 : Values in Life and Education: Subjective and Objective Nature of Values, Moral Values, Religious Values, Social Values, Democratic Values, Aesthetic Values, Power Values, Family Prestige Values, Health Values and Environmental Values.

Reference & Suggested Readings :

1. Chaube & Chaube : *Philosophical and Sociological Foundation of Education*
2. M. Sarma : *Philosophical and Sociological Foundation of Education*

EDU. 402 THEORIES OF EDUCATION

Unit 1 : Aims of Education: Proximate and Ultimate Aims, The Criteria of Good Aims, Natural Development, Social Efficiency and Culture as Aims, Education for Labour and Leisure.

Unit 2 : Curriculum: Curriculum and the Child, Curriculum and Knowledge, Curriculum and Values.

Unit 3 : Determinism and Freewill, Education and Freewill.

Unit 4 : Political Philosophy and Education: Fascism, Communism and Democracy.

Unit 5 : Economic order and Education: Educational Implications of Capitalism and Socialism.

Reference & Suggested Readings :

1. B.N. Dash : *Foundations of Education*
2. J.C. Agarwal : *Theory and Principles of Education.*

EDU. 403 ENVIRONMENTAL & POPULATION EDUCATION

Unit 1 : Meaning, Nature and Importance of Environmental Education: Education for Environmental Awareness and Attitude Change.

Unit 2 : Relationship between Man and Environment: Ecological and Psychological Perspectives.

Unit 3 : Programmes of Environmental Education: for Primary, Secondary and Higher Institutions.

Unit 4 : Environmental Stressors: Natural and Man made Disasters, Education for coping with the Environmental Stressors.

Unit 5 : Meaning, Nature and Scope of Population Education: Importance and its Objectives in the 21st century. Population and Quality of Life, Population in relation to Socio-economic Development, Health Studies, Health Service, Population related Policies and Programmes- UNFPA, WHO & UNESCO.

Reference & Suggested Readings :

1. Srivastava : *Environmental Education: Principles, Concept and Management .*
2. R.A. Sarma : *Environmental Education.*

EDU. 404 OPTIONAL (A) ECONOMICS OF EDUCATION

Unit I : Economics of Education: Concept, Scope and Significance, Recent trends in Economics of Education. Education as a Consumption Concept, Significance and Strategies.

Unit 2 : Education as Investment: Concept, Significance and Strategies, Education and Economic Development: Human Capital formation and Manpower Planning.

Unit 3 : Cost Benefit Analysis of Education: Taxonomy of Cost of Education. Taxonomy of Education. Inputs and outputs- Concepts and Relationships between the two.

Unit 4 : Resources for Education: Role of the Centre, States and Institutions for Financing Education.

Unit 5 : Financing Education: Theoretical Considerations, Problems of Financing. Grant-in-aid Scheme, Self Financing in Education.

Reference & Suggested Readings :

1. Latchanna : *Economics of Education.*
2. A. K. Ahuja : *Economics of Education.*

EDU. 404 OPTIONAL (B) GUIDANCE AND COUNSELLING

Unit I : Meaning, Function and Role of Guidance and Counselling: Principles of Guidance and Counselling, Types of Guidance- Personal Guidance, Vocational Guidance, Educational Guidance, Role of Teacher in Guidance and Counselling.

Unit 2 : Guidance Needs of Students: Home Centred Problems, School Centred Problems. Adjustment Needs of Adolescents, Counselling in Individual Situations, Group Guidance and Counselling.

Unit 3 : Child Guidance Clinic: Importance, Organization of Child Guidance Clinic, Personnel Involved in Child Guidance Clinic.

Unit 4 : Case Study Procedure in Guidance: Importance of Questionnaires Autobiography, Anecdotal Reports, Interview, Cumulative Personal Record in Case Study.

Unit 5 : Guidance Programme in a School.

Reference & Suggested Readings:

1. K. Charles & N.G. Yothsna : Guidance and Counselling
2. A. K. Nayak : Guidance and Counselling

EDU. 405 CURRICULUM DEVELOPMENT

Unit 1 : Curriculum: Meaning, Characteristics, Definitions, Scope and Importance, Relation with Educational Objectives, Structure and Organization.

Unit 2 : Foundations of Curriculum: Philosophical, Psychological, Social and Cultural, Technological and Scientific.

Unit 3 : Instructional Materials: Different kinds of Instructional Materials, Importance of these Materials, Applications of Education Technology-Hardware and Software.

Unit 4 : Existing Curriculum: Defects, Principles for the Constructions of Curricula, Methods to be used. Construction of Curricula for Various Stages of Education, Change in Curriculum Construction in India.

Unit 5 : Curriculum Planning: Innovation-Practice and theory in Curriculum, Place of Text Books, Essentials of Good Text Books, Selection of Text Books.

Reference & Suggested Readings :

1. Vinay Rao : *Curriculum Development*
2. Navneet Bhalla : *Curriculum Development*
3. Arul Jothi : *Curriculum Development*

GAUHATI UNIVERSITY

**M.A Syllabus
in
EDUCATION**



Issued by

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

**Gopinath Bordoloi Nagar
Guwahati-781 014
ASSAM : INDIA**

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

Semester	Paper No	Paper Name
I	101	Sociology of Education
	102	Advanced Educational Psychology
	103	Educational Technology
	104	Comparative Education
	105	Methods and Techniques of Teaching
II	201	Social Dynamics
	202	Measurement and Evaluation in Education
	203	Problems and Issues in Indian Education
	204(Opt)	(A) Abnormal Psychology
	204(Opt)	(B) Developmental Psychology
	205	Open and Distance Education
III	301	Methodology of Educational Research
	302	Statistics in Education
	303	Teacher Education
	304	Educational Planning and Management
IV	401	Philosophy of Education
	402	Theories of Education
	403	Environmental and Population Education
	404(opt)	(A) Economics of Education
	404(opt)	(B) Guidance & Counselling
	405	Curriculum Development

**GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING(GUIDOL)**

Programme Project Report(PPR)

PPR ID : GU/GUIDOL/PPR/02 (Total no. pages : 21)

Programme: Master of Arts (M.A.) in English

1. Programme mission and objective: The programme to be introduced by Gauhati University in the ODL mode seeks to bring the learners to the domain of English literature and aims to introduce them to various dimensions and aspects of English Studies.

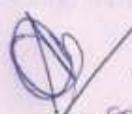
The objectives of the programme are:

- To familiarize the learners with the established canonical texts , classics as well as significant new works in English
- To orient learners from diverse fields of study to the living dynamism of English literature
- To help learners gain a firm foundation in the practices of literary analysis
- To cater to the ever-increasing demand in academic and corporate sector for English educated community in the wake of global spread of English
- To extend higher education in English literature beyond all conventional barriers, for the creation of future teachers and scholars.

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standards for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this broad aim in view, the Department of English was established in 1955.

Master of Arts (M.A.) in English to be offered through ODL mode with the motto of "quality higher education for all", is in sync with the HEI's mission and goals because it aims to bring learners from various communities and strata –those deprived of higher education due to various factors--to the fold of English literature. Further, to maintain the


পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

quality of education the curriculum as well as the syllabus have been designed keeping it at par with the curriculum in the parent Department, considering the specific needs and requirements of the distance learners and keeping in view the aims and objectives of the parent department.

3. Nature and target group of learners: Our target group includes-

- 1) those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- 2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- 3) drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- 4) job seekers.
- 5) lifelong learners.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfil their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI , external experts and teachers of IDOL, keeping in view the needs of the diverse groups of learners.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-

The M.A. Programme in English to be offered through ODL mode will have certain learning outcomes. The programme will help the learners:

- To gain a comprehensive knowledge of English literature and language.
- To achieve an expertise in literary analysis and criticism.
- To build up necessary competence among learners required for scholarship and teaching of English literature.
- To acquire mastery in English language for all communicative purposes including reading, writing, performing and speaking.

- To gain an interest in various domains of philosophy , history and sociology connected to English literature for further enquiry and engagements

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and GUIDOL, keeping in view the needs of the diverse class of learners.
- b) **Detailed Syllabus:** File containing detailed syllabus is attached.
- c) **Duration of the Program:** Minimum 2 years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in four(4) semesters having five(5) course/paper in each semester. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus. Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and term end/semester end exam.
- e) **Faculty:**
 1. Mr. Dalim Ch. Das
Assistant Professor, GUIDOL (full time) cum Course Coordinator for English
 2. Faculty members from HEI and other affiliated colleges.
 3. Eminent resource persons in the field of literature.
- f) **Media:** Print Media, E-Learning Portal and ICT enabled tools
- g) **Student Support Service:** In order to successfully execute the programme, the ODL mode of HEI has a wide range of support services. The various support services are listed as below-
 - i) **Network of Study Centres:** To assist its learner, IDOL has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
 - ii) **Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

iv) **Dynamic Website** www.idolgu.in : IDOL has its own dynamic website where one can get all the information regarding IDOL, its programme, up-coming events, examination result etc.

v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in .

vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated GUIDOL counselling room and meet their teachers to clarify their doubts.

vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated

study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. **Procedure for Admissions, Curriculum transaction and Evaluation-**

- **Admission-** The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for MA in English is graduates from any recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor
- **Curriculum transaction-** The curriculum shall be transacted throughout the year as per the *Activity Planner* which is enclosed as an annexure.
- **Evaluation-** Each course/module shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of the Gauhati University .

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines related to commerce education are available.
8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 50 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. **Quality assurance Mechanism and Expected Programme outcome:**

- **Quality assurance Mechanism** :The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the programme through *CIQA* and other statutory bodies.
- **Expected Programme outcome:** The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below-

Course Benchmark Statement: Master's degree in the English shall be awarded to those learners who demonstrate:

- familiarity with the established canonical texts , classics as well as significant new works in English
- competency in the domain of literary criticism and analysis.
- mastery in English language for all communicative purposes including reading, writing, performing and speaking
- professional competency in the relevant field.

MA Syllabus
Department of English
Gauhati University Institute of Distance and Open Learning, 2017

The MA English programme at the Institute of Distance and Open Learning, Gauhati University seeks to acquaint learners with English literature and its varied and various contexts. This programme is designed so as to emphasize on literature produced in England, but the syllabus has also considered literature produced or available in English, *elsewhere*, given the fact that English today has spread across the globe in the aftermath of colonialization. Thus, while established canonical texts are part of this syllabus, there are other texts and concerns that have been included with a view to enable learners to gain a meaningful familiarity with the vibrant and dynamic streams of 'English Literature'. For instance, apart from literature known as 'Indian Writing in English', this syllabus accommodates texts from bigger domains such as 'World Literature' and also from the more localized and emerging trends such as 'Writings from the North East'. On the whole, the aim of this syllabus is to sensitize learners to the variety and diversity subsumed under 'English Literature' and to enable them to acquire a firm foundation in the practice of literary analysis. The syllabus, in other words, will help the learner to explore wide range of texts and issues while encouraging him/her to go beyond the limiting boundaries of the so-called 'literature' into various interdisciplinary domains.

The syllabus is organized in the following way:

1. the programme takes the learner through the study of five(5) courses/papers in each semester, and is comprised of twenty courses for four semesters in a two years' duration. Each paper carries an academic weightage of 80 marks, which means that a learner will have to appear in the examination, both internal and external, for a total 400 marks in a semester.
2. The learner will have to appear in an internal test during each semester for a total 80 marks. The internal test will be conducted before the semester-end examination in the form of Multiple Choice Question (MCQ) Test. 16 marks from each paper in a semester will be separated out for the MCQ test, implying that semester end examination will have 64 marks for each paper.
3. There will be optional papers in semester 4, and the learner will have to opt for either Option A (Writings from the North East) or Option B (Literature and Film) in Paper 20.

Paper 1: English Social and Cultural History-I

Block 1: Medieval

Unit 1: Feudalism

Unit 2: The Church and the Medieval World

Unit 3: The Growth of Towns and commerce

Block 2: Early Modern

Unit 1: Humanism and the English Renaissance

Unit 2: The Print Revolution

Unit 3: The Beginnings of colonialism

Block 3: The Enlightenment

Unit 1: Ideas of the Enlightenment

Unit 2: The Beginnings of Modern Democracy

Unit 3: Colonialism to Imperialism

Paper 2: 14th to the 17th Century Poetry

Unit 1: Sir Gawain and the Green Knight (lines 232-466)

Unit 2: Chaucer's General Prologue to the Canterbury Tales

Unit 3: Shakespeare's Sonnets-12, 29, 55, 116, 147

Unit 4: John Donne: The Canonization, The Sunne Rising, The Good Morrow, At the Round Earth's Imagin'd Corners, Batter My Heart, Three-Personed God

Unit 5: Edmund Spenser: 'The Garden of Adonis' (From *The Faerie Queene*)

Unit 6: John Milton's Paradise Lost (Book 1)

Unit 7: Andrew Marvell: 'To his Coy Mistress', 'The Garden', 'Upon Appleton House'.

Paper 3: 18th Century Poetry and Prose

Block 1

Unit 1: Dryden's Macflecnoc

Unit 2: Pope's 'An Essay on Man, Epistle II.'

Unit 3: Thomas Gray's 'Elegy Written in Country Churchyard'

Block 2

Unit 1: Samuel Johnson: Life of Milton

Unit 2: Joseph Addison's 'True and False Wit'

Unit 3: Anne Ingram: 'An Epistle to Mr. Pope'

Unit 4: Edmund Burke: Introduction-Part II and IV (*From A Philosophical Enquiry into the Origin of our Ideas of the sublime and the Beautiful.*)

Unit 5: Anne Letitia Barbauld: 'The Rights of Women', 'To a Little Invisible Being', 'The Caterpillar.'

Unit 6: David Hume: 'Of the Standard of Taste'.

Paper 4: 18th Century Fiction

Block 1 Afra Behn: *Oroonoko*

Unit 1: Background

Unit 2: Introducing the Novel

Unit 3: Themes and Techniques

Block 2: Daniel Defoe: *Moll Flanders*

Unit 1: Background

Unit 2: Introducing the Novel

Unit 3: Themes and Techniques

Block 3: Jonathan Swift: *Gulliver's Travels*

Unit 1: Background

Unit 2: Introducing the Novel

Unit 3: Themes and Techniques

Paper 5: 16th to 17th Century Drama

Block 1: English Renaissance Drama-1

Unit 1: General Introduction to English Renaissance Drama

Unit 2: Thomas Kyd: *The Spanish Tragedy*

Unit 3: Ben Jonson: *Volpone*

Block 2: English Renaissance Drama-2 (Shakespeare)

Unit 1: General Introduction to Shakespeare

Unit 2: *Hamlet*

Unit 3: *Henry V*

Unit 4: *Measure for Measure*

Semester II

Paper 6: English Social and Cultural History-II

Block 1: Romantic and Victorian

Unit 1: The Industrial Revolution

Unit 2: The French revolution and After

Unit 3: The Romantic Sensibility

Unit 4: Darwinism

Unit 5: The Working Classes

Unit 6: Feminist Movements

Block II: Modern and Post-modern

Unit 1: The Modernist Movements in the Arts

Unit 2: Feminisms

Unit 3: The Rise of 'English

Unit 4: The Postcolonial Perspective and the New International Order

Unit 5: The Cultural Turn

Unit 6: Globalization and Migration

Paper 7: 19th Century Prose

Unit 1: Dorothy Wordsworth's Selections from the Grasmere Journals-May 14, 1800,

October 3, 1800, November 24, 1801, April 16, 1802.

Unit 2: Charles Lamb: 'Dream Children'

Unit 3: S.T.Coleridge Chapters IV, XIII, XIV (From *Biographia Literaria*)

Unit 4: Seeley: 'How We Govern India', 'Mutual Influences of England and India' (Lectures IV and V from *The Expansion of England* Course II)

Unit 5: John Keats' Letters to 1. Benjamin Bailey, 22 November, 1813, 2. to John Hamilton Reynold, 3 May, 1818, 3. To George and Tom Keats 21 December, 1817, 4. Richard Woodhouse, 27 October, 1818.

Unit 6: Matthew Arnold: 'The Function of Criticism at the Present Time'.

Unit 7: Charles Darwin: 'Natural Selection', (Chapter IV from *Origin of Species*)

Paper 8: 19th Century Fiction

Block I: Jane Austen's *Persuasion*

Unit 1: Background

Unit 2: Introducing the Novel

Unit 3: Themes and Techniques

Block II: Emily Bronte *Wuthering Heights*

Unit 1: Background

Unit 2: Introducing the Novel

Unit 3: Themes and Techniques

Block III: Thomas Hardy: *The Mayor of Casterbridge*

Unit 1: Background

Unit 2: Introducing the Novel

Unit 3: Themes and Techniques

Block IV: Charles Dickens' *Hard Times*

Unit 1: Background

Unit 2: Introducing the Novel

Unit 3: Themes and Techniques

Paper 9: 19th century Poetry

Block 1: Romantic Poetry

Unit 1: William Blake: 'The Echoing Green', 'The Little Black Boy' (*Songs of Innocence*), 'Holy Thursday', 'The Tyger', 'London' (*Songs of Experience*)

Unit 2: William Wordsworth: 'Composed Upon Westminster Bridge', 'Ode to the Intimations of Immortality'.

Unit 3: S.T. Coleridge: 'The Rime of the Ancient Mariner'

Unit 4: John Keats: 'Ode to a Nightingale', 'Ode to Autumn'.

Block 2: Victorian Poetry

Unit 1: Tennyson: 'Ulysses'

Unit 2: Christina Rossetti: 'Goblin Market'

Unit 3: Robert Browning: 'Fra Lippo Lippi', 'A Grammarian's Funeral'

Unit 4: Rudyard Kipling: 'The White Man's Burden'.

Unit 5: Thomas Hardy: 'The Darkling Thrush'

Paper 10: 20th Century Poetry

Block 1: Context

Unit 1: Poetry in the Modern World

Unit 2: Modernist Poetry: Theories and Movements

Block 2: Texts

Unit 1: W. B. Yeats: 'The Second Coming', 'Sailing to Byzantium'.

Unit 2: T. S. Eliot: *The Waste Land*

Unit 3: Marianne Moore: 'Poetry'

Unit 4: Ted Hughes: 'The Thought Box', 'Pike'.

Unit 5: Derek Walcott: 'A Far Cry from Africa'

Unit 6: Seamus Heaney: 'After a Killing'

Unit 7: A. K. Ramanujan: 'Small Scale Reflections on a Great House'

Unit 8: Joseph Brodsky: 'Elegy'

SEMESTER 3

Paper 11: Drama-20th Century

Block 1: Theory of Drama

Unit 1: Antonin Artaud: 'The Theatre of Cruelty'

Unit 2: Bertolt Brecht: 'Verfremdungseffekt', 'Epic Theatre'.

Block II: Plays

Unit 1: Henrik Ibsen: *The Wild Duck*

Unit 2: Luigi Pirandello: *Six Characters in Search of an Author*

Unit 3: Bertolt Brecht: *The good Person of Szechwan*

Paper 12: Twentieth century Fiction

Block 1: Joseph Conrad: *The Secret Agent*

Unit 1: Background

Unit 2: Introducing the novel

Unit 3: Themes and Techniques

Block 2: Franz Kafka: 'Metamorphosis'

Unit 1: Introduction to Franz kafka

Unit 2: Reading 'Metamorphosis'

Block 3: D.H. Lawrence: *Sons and Lovers*

Unit 1: Background

Unit 2: Introducing the Novel

Unit 3: Themes and Techniques

Block 4: Salman Rushdie's *Midnight's Children*

Unit 1: Background

Unit 2: Introducing the Novel

Unit 3: Themes and Techniques

Paper 13: Literary Criticism and Theory-1

Block 1: Classical Theory

Unit 1: Classical Theory and Criticism

Unit 2: Aristotle's *Poetics*

Unit 3: Horace's *Ars Poetica*

Unit 4: Longinus' *On The Sublime*

Block 2: English Criticism from the 17th to 18th century

Unit 1: Neoclassical Theory and Criticism

Unit 2: Alexander Pope: 'Essay on Criticism'

Unit 3: Samuel Johnson's Preface to the Plays of William Shakespeare

Paper 14: Literary Criticism and Theory-2

Block 1: Romantic Critics

Unit 1: Romantic Theory and Criticism

Unit 2: William Wordsworth's Preface to the Second Edition of *Lyrical Ballads*

Unit 3: William Hazlitt: On Reason and Imagination

Unit 4: S.T. Coleridge: *Biographia Literaria* (Chapter 13 and 14)

Block 2: Victorian Critics

Unit 1: Victorian Theory and Criticism

Unit 2: Matthew Arnold: *The Study of Poetry*

Unit 3: Walter Pater: Preface to *The Renaissance: Studies in Art and Poetry*

Unit 4: Oscar Wilde: *The Critic as Artist*

Paper 15: Literary Criticism and Theory-3

Block 1: Critical Trends

Unit 1: New Criticism

Unit 2: Russian Formalism

Unit 3: Structuralism

Unit 4: Poststructuralism

Unit 5: Psychoanalysis

Block 2: Critical texts

Unit 1: Cleanth Brooks: *The Heresy of Paraphrase*

Unit 2: T.S. Eliot: *Tradition and Individual Talent*

Unit 3: Victor Shklovsky: *Art as Technique*

Unit 4: Ferdinand de Saussure: *The Nature of the Linguistic Sign*

Unit 5: Helene Cixous: *The Laugh of the Medusa*

SEMESTER 4

Paper 16: Indian Writing in English-1

Block 1 History of Indian English Literature

Unit 1: Pre-Independence Period

Unit 2: Post-independence Period

Block 2: Ideas

Unit 1: Rammohan Roy(1774-1833): ‘Letter to Lord Amherst’

Unit 2: Bankimchandra Chattopadhyay: ‘Prachina o Nobina’(Pamphlet on Women)

Unit 3: Aurobindo Ghosh: ‘A System of National Education’

Unit 4: Mahatma Gandhi: ‘Speech at the Round Table Conference’(11/11/1931)

Block 3: Drama

Unit 1: Abhishek Mazumdar: *The Djinnns of Idgah*

Unit 2: Mahesh Dattani: *Dance Like a Man*

Paper 17: Indian Writing in English-2

Block 1: Ideas

Unit 1: Gauri Viswanathan: ‘Lessons of History’

Unit 2: Robert Young: *India II: Gandhi’s Counter Modernity*

Unit 3: Ashish Nandy: *The Psychology of Colonialism*

Block 2: Raja Rao: *Kanthapura*

Unit 1: Introducing the Author

Unit 2: Reading *Kanthapura*

Block 3: Githa Hariharan: *The Thousand Faces of the Night*

Unit 1: Introducing the author

Unit 2: Reading *The Thousand Faces of the Night*

Block 4:

Unit 1: Keki Daruwalla: ‘Wolf’, ‘Hawk’

Unit 2: Kamala Das: ‘A Hot Noon in Malabar’, ‘My Grandmother’s House’.

Unit 3: Nissim Ezekiel: ‘A Poem of Dedication’

Paper 18: World Literature in translation

Block 1: Poetry

Unit 1: Neruda: *The Heights of Macchu Picchu*

Unit 2: Charles Baudelaire: 'Correspondences', 'Albatros'.

Unit 3: Sankardeva: *Kirtana* ('Harmohana' and 'Odesa Varnana')

Unit 4: Faiz Ahmed Faiz : 'The Dawn of Freedom, August 1947'

Block 2: Drama

Unit 1: Lorca: *Blood Wedding*

Unit 3: Daramvir Bharati: *Andha Yug*

Block 3: FictionA: Orhan Pamuk's *My Name is Red*

Unit 1: Introducing the Author

Unit 2: Reading the Text

Block 4: FictionB: Rabindranath Tagore's *Home and the World*

Unit 1: Introducing the Author

Unit 2: Reading the Text

Paper 19: Children's Literature

Block 1: Theoretical Positions:

Unit 1: Vladimir Propp (1895-1975): 'Structural and Historical Study of Wondertale'.

Unit 2: Karin Lesnik-Oberstein: 'Defining children's Literature and Childhood'

Block 2: Folktales and Children's Fiction

Unit 1: Vishnu Sarma: 'Loss of Gains' (in Panchatantra)

Unit 2: Lewis Carroll: *Alice in Wonderland*

Unit 3: Lakshminath Bezbaruah: Tejjimala (From Budhi Aair Xadhu)

Unit 4: J.K. Rowling: *Harry Potter and the Philosopher's Stone*

Block 3: Poetry and Drama

Unit 1: Christina Rossetti: Sing Song

Unit 2: J. M. Barrie (1860-1937): *Peter Pan*

Paper 20 (Option A) Writing from the North East

Block 1:

Unit 1: Dr. Hiren Gohain: The Origin of the Assamese middle class

Unit 2: Ranjit Dev Goswami: 'Modern Assamese Thought'.

Unit 3: Patricia Mukhim: 'Where is This North East?'

Block 2

Unit 1: Chandra Kanta Murasingh: 'Slumber'

Unit 2: Nilamoni Phookan: 'Iyar Porai Pani'

Unit 3: Mona Zote: 'What Poetry Means to Ernestina in Peril'

Unit 4: Anjum Hasan: 'A Place like Water'

Block 3:

Unit 1: Saurabh Kumar Chaliha: 'Bina Kutir'

Unit 2: Mamang Dai: *The Legends of Pensam*

Block 4:

Unit 1: Arun Sarma: *Nibaran Bhattacharyya*

Unit 2: Ratan Thiyam: *Chakravyuh*

Paper 20 (Option B) Literature and Film

Block 1: Cinematic Adaptation: History and Concepts

Unit 1: History of Adaptation

Unit 2: Introduction to cinematic terms (Adaptation, Auteur, codes and conventions, cut, deep focus, digesis, fade, Film noir, Flashback, French New Wave, Jump Cut, Mise-en-scene, montage, scopophilia, Screenplay, soundtrack, wipe, zoom etc.)

Block 2: Film theory/Theory of Adaptation

Unit 1: Sergei Eisenstein: 'Word and Image'

Unit 2: Dudley Andrew: "Adaptation" (From *Concepts in Film Theory*)

Unit 3: Seymour Chatman: What Novels can Do that Films Can't (and Vice Versa)

Unit 4: George Bluestone: "The Limits of the Novel and the Limits of the Film" (From *Novels into Film*)

Unit 5: Laura Mulvey: 'Visual Pleasure and Narrative Cinema'

Block 3: Cinematic adaptation

Unit 1: *Pather Panchali* : Bibhutibhushan Bandopadhyay ↔ Satyajit Ray

Unit 2: *A Streetcar Named Desire*: Tennessee Williams ↔ Elia Kazan

Unit 3: *Haladhiya Charaye Bao Dhan Khai* : Homen Borgohain ↔ Jahnu Barua

Unit 4: *The Trial* : Franz Kafka ↔ Orson Welles

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September) Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

SEMESTER I	
PAPER 1	Literature and Social History-I
PAPER 2	PoetryI-Chaucer to Neoclassical Poets
PAPER 3	Fiction I-The Novel in the 18 th and the 19 th Centuries
PAPER 4	Non-fiction-Letter, Essay, Biography and Autobiography
PAPER 5	TheoryI-Classical and Neoclassical Critical Theories
SEMESTER II	
PAPER 6	Literature and Social History-II
PAPER 7	Theory II-Romantic and Victorian Theory and Criticism
PAPER 8	Poetry II-Romantic Poetry
PAPER 9	Fiction II-19 th to the 20 th Century
PAPER 10	Drama I-Renaissance Drama
Semester III	
PAPER 11	Fiction III—The Twentieth Century
PAPER 12	Drama II—Modern Drama
PAPER 13	Theory III-Twentieth Century Criticism
PAPER 14	Poetry III—Victorian Poetry
PAPER 15	Poetry IV—Modern Poetry
Semester IV	
PAPER 16	Contemporary Indian Writing in English--I
PAPER 17	Contemporary Indian Writing in English--II
PAPER 18	Contemporary Indian Writing in English--III
PAPER 19	European I—Modern Dramatic Works
PAPER 20	European II—Modern European Fiction

**GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING**

Programme Project Report

PPR ID : GU/GUIDOL/PPR/04 (Total no. pages : 37)

Programme: Master of Arts in History

1. Programme mission and objective:

The mission of the Programme to be launched is "to produce scholarship that pushes the boundaries of historical inquiry as well as to cater the demand of higher education by providing opportunity to the deprived."

Objectives of the Programme:

- To provide the learners necessary teaching skills that make them competitive for academic and non-academic positions across the nations
- To transmit the knowledge of post historical events to the new generations
- To introduce the learners to the diversity of the people throughout the world.
- To transform the academically ambitious learners into lifelong independent, responsible, morally committed professionals and thoughtful citizens
- To enable the learners to understand the world civilizations and peoples and their political, social, economical and cultural history
- To foster a spirit of historical empathy and wisdom that promotes tolerance, understanding and appreciation for the views of others.

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of History was established in the 1948. The Department aims at academic



পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

excellence and promotes higher education and research as a way forward in understanding the past in relation to the present. The course offered, aims to augment understanding of the current social realities entrenched in historical roots. The main thrust is on historiography, regional, marginalized voices including gender and environmental studies. The Department has a close association with the Indian council of Historical Research (ICHR) which is also established within the premises of the University.

With the aim of imparting higher education to the large number of graduates who are deprived of the opportunity to seek higher education leading to post graduate degree and be exposed to modern approach to the study of history, this programme was introduced in the ODL mode under the auspices of the Gauhati University Institute of Distance and Open Learning (GUIDOL), established in the year 1998. The aim and objective was to offer opportunity for a higher degree to the under privileged as well as those who would otherwise have been deprived of pursuing higher studies. The mission and goal of the distance mode of education in the University blends well and is in alignment with the aims and objective of the parent department in the regular mode. History being a popular subject for civil service aspirants, the curriculum is designed to suit their needs too.

3. Nature and target group of learners: Our target group includes-

- 1) those deprived of admission in the parent department of regular mode due to limited intake capacity.
- 2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder.
- 3) drop outs primarily due to social, financial and economic compulsions as well as demographic factors.
- 4) job seekers.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to

fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the department of the HEI, external experts and teachers of IDOL, keeping in view the needs of the diverse class of learners.

4. **Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-** The M.A. programme in History to be offered through ODL Mode will have certain learning outcomes. This programme will help the learners :

- to have a better understanding of the contemporary world and make connections to the future
- to develop critical thinking and analysis of the contemporary society
- to enhance and develop knowledge and understanding of the theoretical and practical foundations of History as a subject.
- to accumulate the skills necessary to apply in appropriate job setting

5. **Instructional Design:**

a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI, IDOL, keeping in view the needs of the diverse group of learners.

b) **Detailed Syllabus:** File containing detailed syllabus is attached.

c) **Duration of the Program:** Minimum 2 (two) years. However, the learners are required to complete the course within 4 (four) years from the date of admission.

d) **Instructional Delivery Mechanism:** The programme will be delivered in four(4) semesters having five(5) course/paper in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus. Counseling classes will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end examinations.

e) **Faculty:**

1. Prof. Paramita Das, Head, Department of History, Co-ordinator of the ODL programme in History
2. Assistant Professor/Academic counsellor in History advertised and to be recruited soon.
3. Resource persons drawn from amongst teachers of affiliated colleges, researchers and faculty staff of the Department of HEI.

f) **Media:** Print Media, ICT enabled tools and e-Learning Portal

g) **Student Support Service:** In order to successfully execute the programme, a wide range of support services are provided to the ODL learners. The various support services are listed as below-

- i) Network of Study Centres: To assist its learner IDOL has established 96 study centres (List Enclosed) throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- ii) **State of the art Library** with around 7000 collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North East region of India which provides the following services to the students:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he/she will receive an alert of incoming messages. Then he/she can reply to the message.
 - Online Study Material
 - Old Examination Question Papers

- iv) **Dynamic Website www.idolgu.in** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, upcoming events, examination results etc.
- v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. It can be accessed through www.idolgu.in .
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the IDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. **Procedure for Admissions, Curriculum transaction and Evaluation-**

***Admission-** The admission process starts from August and ends by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for this programme is graduate from any recognized Indian or Foreign university.

The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is/shall be provided to the candidates belonging to SC/ST and OBC categories in the form of scholarship. A few learners belonging to the economically deprived section as well as the physically challenged category shall be/ are provided free ship on the recommendation of the Hon'ble Vice-Chancellor.

***Curriculum transaction- Activity Planner:**

***Evaluation-** Each course/paper shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper, a candidate must secure minimum 35% marks in each course/paper. All examinations are conducted by the Controller of Examinations as per rules and regulations of Gauhati University.

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 50 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. **Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

GAUHATI UNIVERSITY
Institute of Distance and Open Learning
M.A. History Syllabus

1. Each Course will be of 100 Marks. (80 Marks External Examination and 20 marks Home Assessment)
2. There will be four course in course of the 4 semesters (100 *16 =1600)
3. General History will be Course – 416.

M.A. PROGRAMME IN HISTORY

The M.A programme in History consists of 4 semesters of 400 marks each (1600 marks). Each semester has 4 courses . Group options (Ancient, I and Modern) are indicated by A, and C respectively. A candidate must opt for the same group in all the optional courses. The distribution of the courses is as follows:

COURSE

FIRST SEMESTER

- 101 Historical Methods
- 102 History of Assam (circa 5th to 1228 A.D)
- 103 History of USA (1783-1919)
- 104 Indian National Movement:

SECOND SEMESTER

- 205 History of China (1839-1949)
- 206 History of Assam (1228-1826)

- 207 A. State Formation in Ancient India
C. British Rule in India (1757-1857)
- 208 A. Agriculture, Trade and Urbanization in Early India
C. Economic History of Modern India (1757-1947)

THIRD SEMESTER

- 309 History of Assam (1826-1947)
- 310 History of Modern Japan (1852-1941)
- 311 A. Aspects of Indian Art and Architecture.
C. Peasants' and Workers' Resistance in Modern India
- 312 International Relations (1871-1939)

FOURTH SEMESTER

- 413 International Relations since 1939
- 414 A. Social History of Ancient India from the Earliest time to 1206
C. Social History of Modern India
- 415 India's Foreign Relations since 1947
- 416 Gender History

Guidelines of Syllabus of Semester Course in history

1. The Post-Graduate course in History will be of four semesters consisting of total 128 credits covering two calendar years.
2. There will be a total of 16 courses in the four semesters, each course having 100 marks (Total marks: 1600)
3. There will be 8 credits per course of 100 marks.
4. Each course of 100 marks (8 credits) will have 20 marks earmarked for internal assessment and the remaining 80 marks for external examination.

DETAILS OF COURSES

FIRST SEMESTER

COURSE – 101

HISTORICAL METHODS

Marks 100 (80+20)

Credit-8

Objective:

The course designed to acquaint student with the dominant methodological concerns and basic concepts that have shaped the modern discipline of history.

UNIT-I : Introduction to History and Historical Methods

UNIT-II : Nineteenth century Schools

A. Positive History

B. Whig History

UNIT-III : Dominant Trends in the Twentieth Century

A. Marxist History

(i) History Material and Determinism

(ii) Marxist Structuralism }

(iii) History from Below } Debates within Marxist history

B. The Annals School:

(i) Total History: Marc Bloch, Lucien Febvre and the Early Years.

(ii) Time and History: Fernand Braudel and Developments in the Second Phase.

(iii) History of Mentalities: Third Generation Annales Historians

UNIT-IV : Recent Trends, Foucault, Derrida

UNIT-V : Research Methodology in History

A. Types of Sources and Their Use – Primary and Secondary Evidence.

B. Techniques of Research Work – Organization and Presentation; Bibliography and Footnoting

Reading List

E.H.Carr : What is history

R.G.Collingwood : The Idea of History

H.Butterfield : The Which Interpretation of history

J.B.Bury : The Idea of Progress.

F.Stern ed : The Varieties of History

Essay by Pierre Vilar on Marxist history in Jacques le Goff and Pierre Nora eds.,

Construction the past: Essays in Historical Methodology.

E.J.Hobsbawm, “Karl Marx’s Contribution to historiography in Ideology and Social Science

Harvey Kay, The British Marxist Historians

E.P.Thompsons Poverty of Theory, The Poverty of Theory: or and Orrery of Errrs”, in historians, Skinner ed, the return of Grand Theory in the Human Sciences

Bloch, Mare, The Historians Craft

Maurice Aymard and Harbans Mukhia, eds. French Studies in History

Marwick, A. The Natural of History

JOURNAL

Journal of Modern History, 1972 Special Number of Annales.

COURSE 102

HISTORY OF ASSAM (circa 5th to 1228 A.D)

Marks 100 (80+20)

Credit-8

Objectives:

The objective of this paper is to give a broad idea about the existing political, social, cultural and religious institutions of Assam in the period

UNIT I : Historiography of Ancient Assam

UNIT II : The sources – A survey of the existing sources:

- Literature
- Inscriptions
- Coins
- Material remains

UNIT III : State formation in ancient Assam:

- Emergence of the kingdom of Pragytisa-Kamarupa
- Growth of a political centre in the Dhansiri-Doyang Valley and Kapili-Jamuna Valley.

UNIT IV : The Brahamaputra Valley

- Changes in the political and economic structure
- Socio-cultural changes –
Emergence of varna – jati system
Development of vaisnavism, Saivism, Sakti cult and other religious sects.

References :

- N.D.Choudhury : Historical Archaeology of Central Assam
R.D.Choudhury : Archaeology of the Brahmaputra valley of Assam
V.Shastri (trans) : The Kalika Purana
P.Das : “The Naraka Legend and Aryanisation of the Brahamaputra Vally” in the Proceedings of the Indian history Congress, Volume 66.
H.N. Dutta : “ Sri Vasundhara Varman and the Political History of Ancient Assam During c. 400 A.D”
: “A Report on Archaeological Excavation Conducted in the State of Assam during the year 1997-1998 in the Journal of the Assam Research Society Vol XXXIV Nos. 1&2, 1995 (Bharat Ratna Lokapriya Gopinath Bordoloi Commemoration Volume.
K.L. Barua : Early History of Kamarupa
: Studies in the History of Assam
H.K. Barpujari (ed) : Comprehensive History of Assam, Volume I
P.C. Choudhury : The History of Civilization of the people of Assam to the 12th century A.D.
R.G. Basak : History of North-Eastern India
D.Sharma (ed) : Kamarupasanavali
P.N. Bhattacharyya : Kamarupasanavali
M.M. Sharma : Inscriptions of ancirnt Assam

- N.Lahiri : Pre-Ahom Assam
N.N. Vasu : Social History of Kamarupa Volume I-III
B.K. Barua : A Cultural History of Assam Volume I
B.K. Kakati : The Mother Goddess kamakhya
M.C. Chakladhar : Aryan Occupation of Eastern India
S.K. Chatterji : The Place of Assam in the History and Civilization of India
S.Beal (trans) : The si-yu-ki of Hiuen Tsang The Life of Hiuen Tsang
T Watters (trans) : On the Travels of Yuan Chwang
F.W. Thomas (trans) : Bana’s Harasacharita
M. Goswami (trans) : Harsacharita

COURSE- 103**HISTORY OF USA (1783-1919)****Marks – 100(80+20)****Credit-8****Objective :**

This is essentially a survey course of the History of USA from 1783 to 1991. The idea is to get the students acquainted with the main trends of US History.

UNIT-I : Formative Period

- (i) Making of the America Constitution
- (ii) George Washington’s internal administration
- (iii) Early Trends in American Democracy-Thomas

Jefferson and Andrew Jackson

UNIT-II : Trends in American Foreign Policy

- (i) Foreign Policy of George Washington
- (ii) War of 1812
- (iii) Monroe Doctrine
- (iv) West ward expansion (Louisiana Purchase, Mexican War, Leading to the Civil War)

UNIT-III : Sectional Conflict

- (i) Missouri Compromise
- (ii) Abolitionist Movement,
- (iii) Compromise of 1850
- (iv) Dred Scot decision
- (v) Emergence of Southern Confederacy and causes of its defeat

UNIT-IV : Post-Civil War developments:

- (i) Industrialization and emergence of Big Business
- (ii) Labour Movement
- (iii) Women's Movement
- (iv) Farmers Movement

UNIT-V : The Progressive Period

- (i) Administration of Theodore Roosevelt
 - (a) Conservation of national Resources
 - (b) Trust Busting
 - (c) Roosevelt Corollary to Monroe Doctrine
- (ii) Wilson : America's into the First World War.

Reading List

- Parkes H. B. : A History of the United State of America.
- Morisions, SE and Commager, RS : Growth of the American Republic, 2 Vols
- Faulkner, HU : American, Social and Political History
- Bailey, Thomass A : The American Pageant
- Nixon, HC : The US from Colony to World Power
- Sellers, May and Mcmillan: A Synopsis of American History

Course – 104

Indian National Movement

Marks 100 (80+20)

Credit 8

Objective :

The objective of the course is to study the genesis of the National Movements and to analyze the various forces at work during the movement that led to Indian independence and partition.

UNIT-I : (i) Historiography of the National Movement :

- (ii) **Genesis of the National Movement** : Imperialism and Colonialism; impact of Colonialism; economic nationalism.

UNIT-II : Emergence of organized nationalism :

Growth of political awareness; early polical organizations; formation of India National Congress; Moderates and Extremists

UNIT-III : Partition of Bengal and Swadeshi Movement

UNIT-IV : Revolutionary trends

Outbreak of World War-I-Ghadar party; revolutionary terrorism; Home Rule Movement

UNIT- V : Nationalism : Inter- War year.

M,K.Gandhi-emergence in national political and his Ideology-Non Cooperation and Khilafat Movement; The Swartajits; Programme of constructive work; Emergence of communalism and its difference phases; Civil Disobedience Movement and its regional variations; Provincial Autonomy operation.

UNIT-VI : Towards independence :

Indian Nationalism during World War II; Quit India Movement; Subhas Bose and I.N.A.; Partition and Transfer of Power.

UNIT VII : World War I and Indian Politics

- (i) Home Rule Agitation
- (ii) Unity at Lucknow
- (iii) Emergence of Gandhi in national politics

Reading List

R.C.Majumdar (ed), Struggle for Freedom
R.C.Majumdar, History of the Freedom Movement in India, relevant volumes.
Tra Chand, History of the Freedom Movement in India, Vols 1-IV
Sumit Sarkar, Modern India, 1885-1947, New Delhi, 1983

Sumit Sarkar, Swadeshi Movement in Bengal 1903-1908, New Delhi, 1973

Bipan Chandra, India's Struggle for Independence, New Delhi, 1989

Bipan Chandra, Essays on Colonialism, New Delhi, 1999

Sekhar Bandyopadhyay, From Plassey to Partition : A History of Modern India Judith Brown, Gandhi Rise to power, Indian Political 1915-1972.

R.P. Dutta, India Today, Calcutta, 1979.

Ranjit Guha, (ed) Selected Subalter Studies

F. Hutchins, Illusion of permanence of British Imperialism in India, 1967

Dadabhai Naoroji, Poverty and Un-British rule in India, London 1901, Delhi 1988

Anil Seal, Locality, Province and Nation.

Anil Seal. The Emergence of India nationalism

SECOND SEMESTER

COURSE – 205

HISTORY OF CHINA (1839 – 1949)

Marks 100 (80+20)

Credit – 8

Objective :

This paper will deal with the period from the opening of China to the West up to the establishment of the People republic of China. The objective is to study the development relating to the relation of China to western imperialism and the growth and development of communism in China.

UNIT-I : Opening up of China :

- (i) Opium Wars; treaties with imperialist power; and struggle for concessions in China.
- (ii) Increasing Western economic interests.
- (iii) Open Door policy

UNIT-II : Popular and Reform Movements:

Taiping; Self-strengthening; and reforms in the Chinese state, 1860 to 1898

UNIT- III : Emergence of Nationalism in China:

- (i) Boxer rebellion and its consequences.
- (ii) Reforms of 1901-08
- (iii) Revolution of 1911 – role of social classes; Sun-Sen-principles and politics; emergence of the republic and Yuan Shi-kai; Warlordism- 1916-1928.
- (iv) New intellectual ideas and May Fourth Movement – its nature and significance.

UNIT -IV : Nationalism and Communism in China;

- (i) Political crisis in the 1920's
- (ii) Nature of industrialization and changing social structure.
- (iii) KMT and the First United Front.
- (iv) Communist movement: 1928 to 1949; rise of Mao Tse-tung; making of the Red Army; the Second United Front; Civil War; Chinese revolution- ideology, causes and significance.

Reading List :

Chow Tse-tung, The May Fourth movement : Intellectual Revolution in modern China
Franz Michael, The Taiping Rebellion.
F. Schurmann and O. Schee (ed), China Readings, Voll. Imperial China
H.M. Vinack: A History of the Far East in Modern Times
I.Hsu: The Rise of Modern China.
J.Fairbank et.al. China from the Opium Wars to the 1911 Revolution
Jerome Chen: Yuan Shi-Kai(1859-1916)
Li Chien-nung: The Political History of China (1840-1928) (Trs)
Teng Ssu-yu and Jeremy Ingals.
P.H Clyde and B. F. Beers: The Far East.
V. Purcell: Boxer Uprising: A Background study.

COURSE – 206

HISTORY OF ASSAM (1228-1826)

MARKS -100 (80+20)

Credit 8

Objective:

The course intends to impart on in depth study of the political developments in the Brahmaputra Valley. The focus of the study will be on the rise and fall of the Ahom rule, Relation between various tribal and non-tribal power and the various forces and factors which were responsible for the growth of Assamese culture

- UNIT- I** : Sources Literature: indigenous, foreign; Archaeology: inscriptions; coins, Material remains.
- UNIT- II** : Foundation, expansion and consolidation of Ahom rule, relation with the Kacharis, Kamatas, Chutiyas, Koches and Bengal Sultans
- UNIT-III** : The emergence of the Koch Kingdome; relation with the Mughals; administrative system of the Koches
- UNIT- IV** : The Mughal Invasions and Ahom resistance, invasion of Mir Jumla, Battle of Saraight, Battle of Itakhuli. The realitions between Ahoms and the Jayantiyas.
- UNIT- V** : Zenith of the Ahom rule. Political, social, economic and cultural developments in the Brahmabutra Valley; Vaisnavite movements.
- UNIT- VI** : Decline and fall of the Ahoms power: Moamaria rebellion, Burmese invasion,revolts in Lower Assam. The Ahoms and Hill tribes-Naga,dafla, Bhutia. The Ahom system of administration

Reading List

- S.K. Bhuyan : Anglo-Assamese Relations
: Atan Bhuragohain And his times
: Lachit Barphukan and His Times
- P.Gogoi : The Tai and the Tai Kingdoms
- M. Neog : Prachya Sasanavali
- E.A Gait : A History of Assam

- H.K. Barpujari (ed) : Comprehensive History of Assam vol. II & V
- A.Khan Choudhury : Koch Beharer Itihas
- L. Devi : Ahom- Tribal Relations
- J.P. Wade : An Account of Assam, B. Sharma (ed)
- J.N Sarkar : Life of Mir Jumla
- N.N Vasu : Social History of Kamrupa
(Relevant- chapters)
- S.K. Bhuyan (ed) : Assam buranji
: Deodhai Assam Buranji
: Satsari Assam buranji
: Tungkhungia Buranji
: Tripura Buranji
: Kamrupa Buranji
- S.K. Dutta : Assam Buranji
- M.I. Bora : Baharistan- i-ghaybi Vol.2
- G.C. barua (ed) : Ahom- Buranji
- Shilhabuddin tallis : Fathiya-i-Ibriya (tr.By J.N. sarkar) in Journal of Bihar and Orissa Research Society, 1915. (tr. By Blochman) in Journal of Asiatic Society, 1972 part I
- A.C Banerjee : Eastern frontier of British India
- M. Neog : Neo- Vaisnavite Movements

COURSE – 207 (A)

STATE FORMATION IN ANCIENT INDIA

Marks 100(80+20)

Credit – 8

Objective :

This paper will deal with political developments in Ancient India from tribal organization to state formation. The focus is on state formation. Other aspects of the period such as society, economy and religion will be dealt with only to the extent necessary for understanding the formation of state in Ancient India.

UNIT –I : Background to Evolving Political Patterns (2500-600 B.C)

- (a) Harappan Culture
- (b) Early Vedic and Later Vedic Polity: Transition from Tribal Polity to State.

UNIT-II : State formation in the Ganga valley (600-321 B.C.)
The First Territorial State

UNIT- III : Emergence of Empire (321-185 B.C): The Mauryan state

UNIT- IV : Post-Mauryan Polity (200 B.C-300 A.D)

- (a) Kushanas
- (b) Satavahanas

UNIT- V : Evolution of the Classical pattern (300-700 A.D)

The gupta Empire

UNIT- VI : Post-Gupta Polity

- (a) North India: Harsvardhan, Rajputs
- (b) Deccan: Chalukyas of badami, Rashtrakutas
- (c) South India : Colas

Reading List

- AS.Altekar : The Rashtrakutas and their Times
- AS.Altekar : State and Government in Anciant India.
- D.D.Kosambi : An Introduction to the Study of India History
- G.Yazdani (ed) : The Early History of the Deccan
- H.C.Raychaudhuri : The Political History of Ancient India (2 Vols)
- Romila Thapar : A History of India
- Romila Thapar : The state as Empire in H. Claessen and P. Shalnik,
The Study of the State
- Romila Thapar : From Lineage to State
- R.S. Sharma : Aspect of Political Ideas and Institution in Ancient India
- R.C. Majumder (ed) : History and Culture of the Indian People
Vol I : Vedic Age
Vol II : The Age of Imperial Unity
Vo III : The Classical Age
- R.S. Tripathi : History of Anciant India
- R.Shamasastri : Arthasastra
- V.R.R. Dikshitar : Mauryan Polity

COURSE -207 (C)

BRITISH RULE IN INDIA (1757-1857)

Marks 100 (80+20)

Credit- 8

Objective :

The course highlights the force and factors that encourage the establishment of British power in India , the stage of colonial penetration and initial resistance as well as the change in the administrative structures and policies till 1857. It is directed towards an understanding of the nature of the impact of British rule and how this impact created conditions for the growth of new force which led to the outbreak of the Revolt of 1857.

UNIT – I

- (i) Historiography on British Rule from 1757 to 1857
- (ii) Economic, political and social change in 18th Century India Society.
- (iii) Conflict over economic resources between British East Indian Company and the Regional Powers
- (iv) Emergence of the East India Company as a political power

UNIT – II : Resistance, modernization and submission

- (i) Mysore
- (ii) Marathas
- (iii) Punjab

UNIT – III : Consolidation of British rule: modern administrative structure

UNIT – IV : Instruments of Expansion :

Subsidiary Alliance, (Economic penetrated of Avadh)
Doctrine of Lapse

UNIT – V : Cumulative effects of British Rule Rule – Revolt of 1857

Reading List

Michael H.Fisher (ed) : The Politics of British Annexation India, 1757-1857,OUP, New Delhi,1999

Rajat Kanta Roy: Colonial Penetration and the Initial Resistance The Mughal Ruling class.

The English East India Company and the Struggle for Bengal (1756-1800) in Indian Historical Review

H.Kulke & D.Pothenkund : A History of India

R.K. Mukherjee: The Rise and Fall of the East India Company, Bombay, 1973

Tara Chand: History of the Freedom Movement in India Vol.II

P.J. Marshall: Problems of Empire: Great Britain and India, London,1963

P.J.Marshall: East India Fortunes: The British in Bengal in the Eighteenth Century.

N.K.Sinha: The Economic History of Bengal from Plassey to the Permanent Settlement Vol.I

Percival Spear: History of India Vol.II

B. K. Gupta: Siraj-ud-daula and the East India Company 1757-57: Background to the Foundation of British Power in India

P.E. Roberts: History of British India, London.1970

Lucy Sutherland: The East India Company in the Eighteenth Century Politics.

Ram Gopal: How the British Occupied Bengal, Bombay,1963

C.A. Bayly:Rulers, Townsmen and Bazars: North Indian Society in the Age of British Expansion 1770-1870, OUP New Delhi,2003

S. Gopal: British Policy in India, 1858-1905, Madras, 1975
R.C. Majumder: British paramountcy and Indian Renaissance
Irfan Habib (ed): Confronting Colonialism: Resistance and
Modernization under Haider Ali & Tipu Sultan, New Delhi, 1999

COURSE- 208 (A)

AGRICULTURE TRADE AND URBANIZATION IN EARLY INDIA

Marks 100 (80+20)
Credit- 8

Objective

The paper deals with the major themes of economy in Ancient India. The focus is on the pattern of change and continuity from tribal economy through trade, money economy, growth of towns and urbanization till the growth, development and decline of feudal economy.

UNIT-I : The First Urbanization (2500-1500 B.C.)

- a. Craft
- b. Trade
- c. Towns of the Harappan Culture

UNIT –II : Continuity and Change (1500-700 B.C.)

- (i) Pre-Iron Economy of Early. Vedic Aryans
- (ii) Introduction of Iron and Shift From the north west to the Gangetic Plains

UNIT- III : The Second Urbanization (600-200 B.C.)

- (i) Growth of Agriculture, Craft, trade, guilds and Towns in the Ganga Valley
- (ii) State Controlled Economy of the Mauryas

UNIT-IV : Trade and Trade Routes and Commerce

(200 B.C.-300 A.D)

- (i) IndoGreek, Sakas, Kushanas in Northern India
- (ii) Roman trade

UNIT-V : Feudal Economy: Growth, Development, Decline

(300-1200 A.D)

- (i) Early Feudal Economy – Satavahanas and Guptas (300-700 A.D.)
- (ii) Decline of Feudal Economy – post-Gupta period (700-1200 A.D.)

UNIT- VI : Aspects of Economy in the South (500-900 A.D.)

- (i) Brahmadeyas and Agraharas (500-900 A.D.)
- (ii) Temples as Centres of Economic life-Cholas (900=1300.A.D.)

Reading List

- Burton Stein (ed) : The Beasant State and Society in Medieval South India,
D. D. Kosambi : Introduction to the study of Indian history
D. N. Jha : Studies in early Indian Economic History, revenue System in Post-Maury and Gupta Times.
E.J Rapson : Cambridge history of India, Vol.I

- K.A.N. Sastri : History of South India
- M. Chandra : Trade and Trade Routes in Ancient India
- R. Thapar : A History of India
- R. C. Majumder : Corporate Life in Ancient India. History and Culture of the India People, Bharatiya Vidya Bhawan series,
Vol-I : Vedic Age
Vol-II: The age of Imperial Unity
Vol- III: The classical Age
- R.S. Sharma : Indian Feudalism
- S.K. Maity : The Economic Life of North India in the Gupta period
- U. U. Ghoshal : The Agrarian system in Ancient India.

COURSE – 208 (C)

ECONOMIC HISTORY OF MODERN INDIA

Marks 100 (80+20)

Credit -8

Objective

The Course intends to give an in-depth analysis of the nature of change that the Indian economy underwent under the East India Company and the British Crown.

- UNIT-I** : a. History on the economic history of Modern India
b. Indian Economy in the mid eighteenth century; nature of economy: rural and urban

UNIT-II : Early Phase of Colonial Economy

- (i) Mercantilism
- (ii) Decline of Traditional Industries
- (iii) Drain Theory
- (iv) British overseas trade

UNIT-III : A. Agrarian Settlements

- (i) Permanent settlement
- (ii) Ryotwari settlement
- (iii) Mahalwari settlement

- B.**
- (i) Commercialization of agriculture
 - (ii) Rural indebtedness
 - (iii) Famine

UNIT- IV : Changes in the Industrial and Related Spheres

- (a) Emergence of New Industries and capitalist enterprise
- (b) Railways and Indian Economy
- (c) Banking and Currency
- (d) Insurance

UNIT- V : (i) Demographic changes

- (ii) Urbanization
- (iii) Impact of World Economic depression between the two world

Reading List

- R.P.Dutta : India Today
- R.C.Dutta : Economic History of India Vol.I & II

- V.B.Singh (ed) : Economic History of India, 1875-1956
- Bipan Chandra : The Rise and Growth of Economic Nationalism in India.
- A.R. Desai : Social Background of Indian Nationalism
- Dharma Kumar (ed) : the Cambridge Economic History of India, Vol. II
- Ranjit Guha (ed) : Subaltern Studies, Relevant volumes
- Sumit Sarkar : Modern India (1885-1947)
- D.R.Gadgil : Industrial Evolution of India in Recent Times.
- M.N.Srinivas : Social change in Modern India.
- Bipan Chandra : Colonialism and Modernization. Essay on Colonialism.
- S.Bhattacharjee : Financial Foundation of the British Raj.
- Dadabhai Naoroji : Poverty and the un-British rule in India.

THIRD SEMESTER

COURSE – 309

HISTORY OF ASSAM (1826-1947)

Marks 100 (80+20)

Credit-8

Objective:

The objective of this course is to study the various stages of colonial penetration in Assam and to examine the response and reaction of the people to the far reaching political economic and social change that occurred

UNIT I : Occupation and Expansion

- (i) The Treaty of Yandabo
- (ii) Early expansion : Assam, Cachar, Jayantia Hills Khasi Hills

UNIT II : Forward Policy

- (i) Garo Hills, Lushai Hill, Naga Hills
- (ii) Relation with the trans Inner line tribes

UNIT III : Emergence of Political Awareness

- (i) Factor responsible for emergence of political consciousness
- (ii) Early organization : raij mels, ryot sabhas, Jorhat Sarbajanik Sabha, Assam Association , Surma Valley Conference
- (iii) Partition of Bengal: response and reaction

UNIT IV : Freedom Struggle in Assam

- (i) Formation of Legislative Council
- (ii) Impact of World War I
- (iii) Non Cooperation Movement
- (iv) Civil Disobedience Movement
- (v) Provincial Autonomy
- (vi) Quit India Movement
- (vii) Transfer of power
- (viii) Women's participation

Unit V : Social Economic Development

- (i) Education and Intellectual awakening
- (ii) Development of Press

- (iii) Industrial Development
- (iv) Transport and Communication
- (v) Trade and market

Reading List :

- H.K. Barpujari, Assam in the Days of the Company, Guwahati, 1966
- H.K. Barpujari (ed), Comprehensive History of Assam, Vols. IV and V, Guwahati 1993
- H.K. Barpujari, Problem of the Hill Tribes North East frontier Vols I,II,III. Guwahati,
- H.K. Barpujari (ed), Political History of Assam Vol I, Guwahati 1977
- A.C Bhuyan and S.De (ed) Political History of Assam Vol II and III, Guwahati
- P.Goswami, Assam in the Nineteenth Century: Industrialization and Colonial Penetration, new Delhi, 1999
- Amalendu Guha, Planter Raj to Swaraj, Freedom Struggle and Electoral Political in Assam, 1826-1947, New Delhi, 1977
- J.B Bhattacharjee, Cachar under British Huel in North East India , New Delhi, 1977
- B.C.Chakravorty, British Relation with the Hill tribes of Assam Since 1858, Calcutta, 1981
- A.J.M. Mills, Report on the Province of Assam, reprint, Guwahati, 1984
- A.J.M Mills, Report on the Khasi and Jaintia Hills, 1853, reprint, shilling 1985
- P.R Gurdon, The Khasis, reprint, New Delhi 1987

- A. Bhuyan (ed), Nationalist upsurge in Assam, Guwahati, 2000
- K.N. Dutta, Landmarks in the Freedom Struggle in Assam, Guwahati
- Dipti Sharma, Assamese Women in the Freedom Struggle, Calcutta 1993
- Tilottama Misra, Literature and Society in Assam, New Delhi, 1987
- S.D. Goswami, Aspects of Revenue Administration in Assam, New Delhi, 1987
- A. Mackenzie. History of the Relations of the Government with the Hill Tribes of the North East Frontier and Bengal
- C.U. Aitchinson, Treaties, Engagements and Sannads of Assam

Course 310

HISTORY OF MODERN JAPAN

Marks 100 (80+70)

Credit- 8

Objective:

The objective of the course is to build up an understanding of Japan's transition from a feudalism based on military power to a modernized nation –state and its subsequent emergence as a world power within a short span of time. This process of radical transformation, which is the result of varied factors, both within and without, is significant in world history.

UNIT I : Feudal structure of the Tokugawa Shogunate; End of Policy of Isolation :

- A. Revolutionary internal pressures – decline of military power, introduction of monetized economy, rise of the merchant class, role of intellectuals

- B. External pressures - treaty of Kanugawa (1854),
Harris Treaty (1858)

UNIT II : Meiji Restoration (1867)

- (i) Constitutional changes
(ii) Social and economic transformation
(iii) End of feudalism (1871) – military reorganization

UNIT III : Emergence of Japan as an imperial power :

- (i) The Korean question-collusion of Japanese interests with China's hegemony and Russian designs in Asia
(ii) Treaty revisions with western powers – Anglo-Japanese Alliance
(iii) First World War – Twenty One Demands

UNIT IV : Japan between the World wars :

- (i) Washington Conference
(ii) Rise of militarism.
(iii) Manchurian Crisis
(iv) 2 and Sino – Japanese war and aftermath

Reading List

John K. Fairbank et al, East Asia ; Tradition and Transformation, Allen and Unwin, 1973

Kenneth B Pyle, the Making of Modern Japan, New Delhi, 1983

HM Vinacke A History of the Far east in Modern Times, New Delhi, 1993

Malcolm Kennedy, A History of Japan, London, 1963

Clyde and Beers, The Far East, New York, 1948

E D Reischauer, Japan: Past and Present. New York 1946

E Reischauer, The United State and Japan, Cambridge, Harvard University Press, 1950

EH Norman, Japan Emergence as a Modern State, New York, 1983

N. Pepper, The Far East, New York, 1940

Borton Hugh, Japan since 1931, New York, 1940

COURSE 311 (A)

ASPECTS OF ANCIENT INDIAN ART AND ARCHITECTURE

Marks – 100 (80+20)

Credit -8

Objectives :

This course examines the major trends in ancient India sculpture and architecture.

EARLY INDIA SCULPTURAL TRADITIONS

UNIT I : Sculptures of the India valley Civilisation

UNIT II : Mauryan art

UNIT II : Early Buddhist sculptures

UNIT IV : Emergence of regional schools –

- Gandhar
- Mathura

- Amaravati
- Sarnath

UNIT V : Sculptures of Assam

- Early phase
- Pala-Sena art
- Kamarupa
- Deopani

Reading List

- P.Brown : India Architecture (Hindu and Buddhist) Volume I
- A.K. Coomaraswamy : History of Indian and Indonesian Art
- J Burgess & Ferguson : History of Indian and Eastern Architecture Volume I&II The Cave Temples of India
- H.Sarkar : Studies in Buddhist Architecture of India
- S.Kramrisch : The Hindu Temple, Volume I&II
- E.B.Havell : The Ancient and Medieval Architecture of India: A Study of Indo-Aryan civilization.
- T.V.Mahalingam : The South India Temple Complex
- N.Ray : Mauryan and Sunga Art Approaches to india Art: Maury and Post Maurya Art
- S.K.Saraswati : A Survey of India Sculpture
- R.C.Mazumder (ed) : The History and culture of the India People Volumes I-V

- B.N.Mukherji : Eastern Indian Art Styles
- B.N.Barpujari(ed) : Comprehensive History of Assam
- V.Dehejia : Indian Art Early Buddhist Rock Temple: A Chronological Study
- M.Dutta : Sculptures of Assam
- H.K.Bhattacharjee : Icons and Sculptures of Early and medieval Assam
- P.Sarma : Architecture of Assam
- R.D. Choudhury : Archaeology of the Brahmaputra valley of Assam; Art Heritage of Assam
- N.D. Choudhury : History Archaeology of Central Assam
- Annual reports of the Archaeological Survey of India (ARASI)
- Report of the Directorate of Archaeology, Government of Assam.
- Journals of the Assam Research Society (Kamarupa Anusandhan Samiti)

COURSE 311 (C)

**PEASANTS'S AND WORKER'S RESISTANCE
IN MODERN INDIA**

Marks 100 (80+20)

Credit- 8

Objective

The course is aimed towards an understanding of the concept of peasantry and underline the face that peasant struggles played a significant role in weakening the foundation of British rule in India. It also intends to trace the historical developments and analyse the nature,

goals and ideology of such struggles, which have emerged as a major social force in bringing about social, force in bringing about social, economic and political change.

UNIT – I

- (i) Concept of peasantry
- (ii) Historiography: approaches in the study of peasants struggles
- (iii) Categorization of peasants revolts

UNIT- II

- (i) Colonial Background of peasants struggles
- (ii) Peasant struggles of the pre- 1857 period
 - (a) Mappila Uprisings (1836-1921)
 - (b) Santhal hool (1855-56)

UNIT- III : Post 1857 peasants's struggles

- (i) Bengal Indigo Cultivators' strike (1860)
- (ii) Phulaguri Dhawa (1861)
- (iii) Pabna Agrarisin League (1873)
- (iv) Marath Uprising (1873)
- (v) Birsaite ulgulan (1899-1900)

UNIT- IV : Gandhi, Congress and Peasant Movements

- (i) Champaran styagraha (1918)
- (ii) Kisan sabha Movement (1920-37)
- (iii) Bardoli Movement (1928)

UNIT- V

- (i) Left peasant movements- role of women
- (ii) Tebhaga Movement (1946)
- (iii) Telengana Movements (1946-51)
- (iv) Emergence of Indian Working Class
 - (a) Bengal Jute Worker's Strike (1937)
 - (b) Assam Oil company Works' Strike (1939)

Reading List

A.R.Desai, peasant movements in India, New Delhi, 1983

Barrington Moore, the Social Origins of Dictatorship and democracy: Lord and Peasant in the Making of the Modern World, Harmondsworth, 1973

Ranjit Guha,Elementary Aspects of Peasant Insurgency in Colonial India, New Delhi, 1997

Teodar shanin, (ed), Peasant and Peasant Societies, 1976

David Hardiman (ed), Peasant Resistance in India (1858-1914) New Delhi, 1983

D.N.Dhanagare, Peasant Movements in India. New Delhi, 1983

Eric Stokes, The Peasant and the Raj: Studies in Agrarian Society and Peasant Rebellion in Colonial India, 1978

D.K. Singha Roy, Women in Peasant Movement: Tebhaga Naxalite and After, New Delhi, 1992

E.J.Hobsbawm, Bandits, 1972

David Thorner, The Agrarian Prospect in India: Five lectures on Land Reforms, New Delhi 1956

K.N.Dutta Landmarks in the freedom Struggle in Assam, 1958

H.K.Barpujari (ed) Political History of Assam Vol I, 2nd edn, 1999

A.C. Bhuyan (ed), Political History of Assam Vol II

H.K. Barpujari, (ed) Comprehensive History of Assam, Vol. IV and V

Amalendu Guha, Planter Raj to Swaraj, Freedom Struggle and Electoral Political in Assam, 1826-1947

Dipankar Banerjee, Labour Movements in Assam, New Delhi, 2005

Ranjit Guha (ed) Subaltern studies (relevant Volumes)

Journal of peasant Studies (select issues)

Indian economic and Social History review (select issues)

Studies in History

COURSE- 312

INTERNATIONAL RELATIONS, 1871-1939

Marks – 100 (80+20)

Credit-8

Objective:

The objective of this course is to study the issues governing the relationship among the major powers between 1871 and 1939. The inability of the international community to resolve the issues created situation amenable to the outbreak of the two World Wars. The pattern of relationship during this period was essentially Eurocentric. This paper

will therefore be primarily European in content interspersed with such non-European issues as are relevant to the central theme.

UNIT-I : Rival System of Alliance in Europe, colonial and naval rivalries of the European power.

UNIT-II : Conflict of nationalities: the Balkans, Austral-Russian and Austro-Serbian rivalries.

UNIT-III : The First World War, the Paris Peace Settlement and its aftermath.

UNIT- IV : The League of Nationals and Collective Security; Break-down of collective Security-Case Study: Manchurian Crisis and Ethiopian Crisis.

UNIT- V : Nazi preparation for war; violation of Versailles and Locarno; Stresa Front, Rome –Berlin Axis, Spanish civil War; Annexation of Austria and dismemberment of Czechoslovakia; Russo-German Non-aggression Pact, German invasion of Poland outbreak of the Second World War.

Reading List

S.B. Fay : The Origins of the World war.

J.A.R.Mariott : A History of Europe

S.H. Zebel : A History of Europe since 1870

E.Lipson : Europe in the 19th and 20th Centuries.

F.Lee Bennes : European History since 1870

F.Lee Bennes : The World since 1919.

- G.M. Gathorne Hardy : A Short History of International Affairs 1920-39
- A.J.P. Taylor : Struggle for Mastery in Europe
- E.H. Carr : International Relations Between the Two World Wars 1919-1939.
- R.J. Sontag : European Diplomatic History 1871-1932
- S.N. Dhar : International Relations and world Politics since 1919
- A.C. Roy : International Relations Since 1919
- B.E. Schnitt : Triple Alliance and Triple Entente

FOURTH SEMESTER

COURSE- 413

INTERNATIONAL RELATIONS SINCE 1939

Marks- 100 (80+20)
Credit – 8

UNIT-I :

- (i) War-time Conferences
- (ii) Cold War, and Detente
- (iii) Disarmament and Arms Control.
- (iv) End of the Cold War,
- (v) 9/11 and its implications

UNIT- II : Europe

- (i) Germany till Re-Unification
- (ii) Western Europe, NATO; European Union.
- (iii) Soviet policy towards Eastern Europe, Fall of Communist Regimes in Eastern Europe, Break-up of the Soviet Union.
- (iv) Break up of Yugoslavia and after.

UNIT- III : Major Developments in Asia

- (i) Korean War, Sino-Soviet split, Vietnam War, SEATO, ASEAN.
- (ii) Problems of West Asia
- (iii) Afghanistan

UNIT- IV : Post World War II:

- (i) Africa
- (ii) Latin America

Reading List

- W.C. Langsam : The World Since 1919 (Relevant Chapters)
- F. Lee Bennis : Europe Since 1914 in its World setting (Relevant Chapter)
- Geir Lundestad : East, West, North, South: Major Developments in International Political 1945-1996
- Peter Calvocoressi : World Political, 1945-2000
- William R. Kaylor : The Twentieth Century World: An International History.

Wayne C. McWilliams
& Harry Piotowski : The World Since 1945

Sir John Wheeler
Bennett & Anthony
Nicholls : The Semblance of Peace; The Political
Settlements After the Second World War.

Coral Bell : The Diplomacy of Détente: The Kissinger
Era.

Thomas J. McCormick : America's Half-Century: United State
Foreign Policy in the Cold War

Wallace Irwin Jr. : America in the World: A Guide to U.S.
Foreign Policy

J.M. Roberts : The Penguin History of Europe

J.M. Roberts : The Penguin History of the Twentieth
Century

Della W. Sheldon (ed) : Dimensions of Detente

D.F. Fleming : The Cold War its Origins (2 Vols)

Ranju Bezbaruah : Isolation to Global Commitment

Adam B. Ulam : Expansion and Co-existence: Soviet.
Foreign Policy 1917-73

Lewis Gaddis : The United State and the Origins of the Cold
War, 1941-1947.

Robert Osgood : NATO: The entangling Alliance

Jozef Goldblat : Arms Control: A Guide to Negotiations and
Agreements.

Patric Brogan : The Fighting Never stopped: A
Comprehensive Guide to World Conflict
since 1945.

George C. Herring, Jr. : America's Longest war: the United State
and Vietnam

Ritchie Overdale : The Origins of the Arab-Israeli wars.

Phil Williams : Superpower Détente: A Reappraisal.

Geir Lundestad (ed) : The Fall of Great Power: Peace Stability,
and Legitimacy.

Jhon Miller : Mikhail Gorbachev and the End of the
Soviet Power.

Tony Smith : The Non-Aligned Movement: The Original
of a Third World Alliance.

Joseph Rothschild : Return to diversity: A Political History of
East Central Europe since World War II

Derek W. Urewin : The Community of Europe: A History of
European Integration since 1945.

Philip H. Gordon : France, Germany and the Western Alliance.

William Whitney
Streck, Jr. : The Road to Confrontation: American Policy
Towards China and Korea: 1947-1950

W. Arthur Lewis : The Evolution of the International Economic
Order

Peter Lyon : Neutralism

R. Ogley : The United Nations and East-West
Relations

Harold C. Hinton : Communist China in World Political

Donald S. Zagoria : The Sino-Soviet Conflict 1956-1950

J.W. Fulbright : Old Myths and New Realities and other
commentaries

George Kennan : American Diplomacy 1900-1950
Walter Lippman : The communist World and Ours
Charles O. Lerche, Jr. : Foreign Policy of the American People

Journals :

Current History(Philadelphia)
Foreign Affairs(New York)
India Quarterly(New Delhi)
International Affairs(London)
International Studies(New Delhi)
Orbis(Philadelphia)
World Today(London)

Other Periodicals

Economist (London)
Far Easter Economic Review (Honkong)

New Digest

Kessing's Contemporary Archives(London)
Asian Recorder(New Delhi)
Indian Recorder(New Delhi)
Indian Recorder and Digest(New Delhi)

COURSE – 414 (A)

**SOCIAL HISTORY OF ANCIENT INDIA FROM
THE EARLIEST TIME TO 1206**

Marks -100 (80+20)

Credit-8

Objective :

The course is structured to study the dominant trends and social concepts relating to the ancient period – the evolution of the social structure and varied religious traditions that shaped social life during this time.

UNIT- I : Historiography of Ancient India Social History.

UNIT-II : Structure of ancient India society: Emergence and development of the Varna/Caste organization (Varna/ Jati, Varna Sharman dharma, marriage, Untouchability, Slavery)

UNIT-III : Early Indian Religious Tradition: Continuity and Change in Vedic and Pauranic religions; Emergence of sec train trends within brahmanical religion- Vaisnavism, Slavism and other sects.

UNIT- IV : Social Protest in the 1st millenniums B.C. in Northern Indian: Jain Buddhism, Other minor sects

UNIT- V : Change status of women in Ancient India: an overview.

Reading List

D.D .Katsambis : Introduction to the study Indian History
Max Weber, : Religion of India

S.C. Bhattacharya : Some Aspects of Indian Society
R.S.Sharma, : Sudras in Ancient India Social changes in early Medieval India
K.A.Nilakanta : Development of Religion in South India,
Sasri : A Beteille, Castes:Old and New Essays in Social Structure and Social Stratification.
Celestin Bougle : Essay on the Caste System,
R.Fick, : Social Organization in North –East India
P.V.Kane, : History of Dharma Sastra, Vol.II PE.III (Chapter)
D.D.Kosambi, : ‘Early Brahmins and Brahmanism’ Journal of the Royal Asiatic Society,XXX III 1947, PP 39-46.
B.N.Sharma : Social life in Northern Indian (A.D.600-1000)
B.N. Sharma : Social life in Medieval India (Devraj Chanana Memorial Lectures, Delhi, 1969).
N.Wagle, : Society at the Time of the Buddha,
N.N. Bhattacharya : Ancient India Rituals and their Social Content
A.B.Keith : Religion and Philosophy of the Vedas and Upanishads (Nos) Pts I &II
D.D.Kosambi, : Myth and Reality (Relevant Chapter)
Suvira Jaiswal, : ‘ Studies in Early Indian Social History: Trends and Possibilities’ in Indian Historical Review, Vol.VI, Nos. 1-2
A.L.Basham : History and Doctrines of the Ajivikas
R.S.Sharma, : ‘Material Background of the Origin of Buddhism Das Capital Centenary Volume, PPH.Delhi 1968.

Devraj Chanana, : Social Implication of Reason and Authority in Buddhism’ ...Vol 3 (3), Sept. 1966. pp.292-302.
G.C.Pande : Studies in the Origins of Buddhism
D.D.Kosamib, : The Culture and Civilization of Ancient India in history Outline.
Sukumar Dutta, : The Buddha and Five after Centuries
Romila Thapar, : Ancient Indian Social History: Some Interpretations. Interpreting Early India.
A.K.Coomaraswamy : The Origin of the Buddha Image, reprint,
Suvira Jaiswal, : The Origin and Development of Vaisnavism
R.G.Bhandarkar : Vaisnavism, Slavism and Minor Religious Systems, reprint, Varanasi.
J.N. Banerjee : Puranic and Tantras,
C.Chattopadhyaya : The Evolution of Theistic sects in Ancients India
P.C.Bagchi : Studies in Tantras,
C.Chakravarti : The Tantras: studies on Their Religion and Literature,
R.C.Nazra, : Pauranic Records of Hindu Rites and Customs,
S.Chattopadhyaya : Social life in Ancient India.
B.Baruah : A Study of Social-Religious Ceremony of Upanayans in the Dharmasastra and Grihyasutras,

COURSE – 414 (C)

SOCIAL HISTORY OF MODERN INDIA

Marks 100 (80+20)

Credit - 8

Objective

The course is designed to make in-depth study of the forces that were at work to shape the Indian society during the colonial period.

UNIT – I :

- (i) Colonial Intervention and Social Change: Sanskritization, Westernization, Secularization.
- (ii) Social consequence of the transformation of Indian agriculture rise of new social classes-zamindars, tenants kisans; emergence of middle class.
- (iii) Changing caste equations

UNIT – II

- (i) Impact of modern education; growth of press (national and regional)
- (ii) Emergence of new intelligentsia and its composition
- (iii) Emphasis on Raja Ram Mohan Roy, Ishwar Chandra Vidyasagar, Jyotiba Phule, Anandaram Dhekiyal Phukan

UNIT-III : Socio – religious revivalist/ reform movements:

- (i) Brahman Samaj
- (ii) Prarthana Samaj
- (iii) Arya Samaj
- (iv) Theosophical society

- (v) Ramkrishna Mission
- (vi) Aligarh Movement.
- (vii) Wahabi Movement

UNIT – IV

- (i) Women: Changing position and attitudes
- (ii) Women's organization: Nation, provincial, local
- (iii) Women's issues: property rights, reform legislation, political participation.

Reading List

- Eric Stokes : The English Utilitarian in India
- M.N.Srinivas : Social change in Modern India, Orient Longman, Rpt 2004
- A.R.Dasai : Social Background of India Nationalism. People's Publishing House.
- R.C.Mazumder : British paramountcy and Indian Renaissance Part-II, Bharatiya Vidya Bhawan.
- Amiya Sen : Social and Religious Reforms OUP.
- Kenneth W.Jones : Social and Religious Reform Movement in British India. The New Cambridge History of India, Rpt 2003
- Geraldine Forbes : Women in Modern India. The New Cambridge History of India Rpt 2004
- Gunaviram Baruah : Anandaram Dhekiyal Phukanar Jivan Charita, Assam Prakashan Parishad, 1971.

- Tilottom Mishra : Ram Navami Natak, OUO 2007
- Prosernjit Choudhury : Socio Cultural Aspect of Assam in the Nineteenth Century, Vikas Pub House New Delhi, 1994
- Bipan Chandra : Indian National Movement Long Term Dynamics
- Susan Sarkar : Writing Social History, OUP.
- Susan Bayley : Caste Society and Politics in India . The New Cambridge history of India, Rpt 2005

COURSE – 415

INDIA’S FOREIGN RELATIONS SINCE 1947

Marks – 100 (80+20)

Credit-8

- UNIT -I :** Principles of India’s foreign policy and the factors shaping them; Early Indian attitude towards the Cold War issues; India’s Attitude towards American sponsored military alliances
- UNIT – II :** Relations with Pakistan- Issues arising out of Partition ; Indus Water Disputes Kashmir problem; East-Bengal Crisi and India Pakistan War of 1971; Post 1971 Development.

- UNIT- III :** Relation with People’s Republic of China – Evolution of relation up to 1959; Undeclared Border War of 1962; Post 1962 developments.
- UNIT- IV :** Relation with the United State of America-Divergence in World Views; Difference on major global issues; US Attitude towards Non-alignment and Kashmir issue integration of Goa; US military assistance to Pakistan and Pakistan-American alliance US response to Chinese Aggression of India – Harriman Mission and US Commonwealth Air Mission; US peace Efforts during Indo-Pak War of 1965; Chinas Ultimatum to India US Relation; Nuclear co-operation; Economic Relations, PL – 480. Later developments
- UNIT- V :** Relation with the Soviet Union- Early perception of one another in the formative period and gradual improvement of relations; Indo – Soviet treaty; Afghanistan Crisis; Economic co-operation.
- UNIT- VI :** (a) Relations with Nepal – different Phases
(b) General survey of relations with Bangladesh; The Ganga water problem.
(c) General survey of relation with Sri Lanka; The Sri Lankan ethnic problem and India.
- UNIT- VII:**
(a) Non-aligned Movement (NAM)
(b) India economic diplomacy

(c) South Asian Association for Regional Co-operation (SAARC)

(d) India and Disarmament

Reading List :

Charles H.Heimsath and

- Surjit Mansingh : A Diplomatic History of Modern India
Ramesh Thakur : The Political Economic of Inida's Foreign Policy
Surjit Mansingh : India search for Power: Indira Gandhi Foreign Policy, 1966-1982
Yuri Nasenko : Jawaharlal Nehru and India Foreign Policy
V.P .Dutta : India's Foreign Policy
V.P. Dutta : India's Foreign Policy in a Changing World.
Ross N. Berkes and
Mohinder S.Bedi : The Diplomacy of India: Foreign Policy in the United Nations.
Ranju Bezbaruah : America and India in Global and South Asian Settings
C.P. Bhambhri : Foreign Policy of India
A.P Rana : The Imperative of Non-alignment: A Conceptual Study of India's Foreign Policy Strategy in the Nehru period.
Sisir Gupta : Kashmir: A Study in India-Pakistan Relations.
J.N. Dixit : India's Foreign Policy, 1947-2003
Harish Kapur : Diplomatic Journey: Emerging India
Stephen P. Cohen : India: Emerging Power

- V.Longer : The Defence and Foreign Policy of India
S.P. Sing : Political Dimensions of India-USSR Relations
Leo E. Rose : Nepal: Strategy for Survival
John Rowland : A History of Sino-Indian Relations: Hostile Co-Existence.
G.W. Choudhury : Pakistan's Relation with India
Jyotsna Bakshi : Russian-China Relation: Relevance for India
Ian Talbot : Pakistan: A Modern History
Bipan Chandra : India after Independence (Relevant Portions)
Jagadish P.Sarma : Afro-Asia and Contemporary Politics
D.R.Goyal (ed) : Nuclear Disarmanent: The Six-Nation Initiative and the Big Power Response
Alastair Lamb : Crisis in Kashmir 1947-1966
S.M.Burke : Pakistan's Foreign Policy: An Historical Analysis.
K.P.Misra (ed) : Studies in Indian Foreign Policy
B.R. Nanda (ed) : Indian Foreign Policy: The Nehru Year
M.S. Naik : Soviet Policy Towards India From Stalin to Brezhnev.
K.P.S. Menon : The Indo-Soviet treaty: Setting and Sequel
R.P.Kaushik : The crucial years of Non-alignment:U.S.A., Korean War India.
Alka Gupta : India and U.N.Peace-Keeping activities : A Case Study of Korea
J.S. Bains : India's Internation Disputes: A Legal Study
S.M. Burke : Mainsprings of Indian and Pakistani Foreign Policies.

- J.C.Kundra : Indian foreign Policy 1947-1954; A Study of Relation with the Western Bloc
- W. Norman Brown : The United State and India, Pakistan, Bangladesh
- William J.Barnds : India. Pakistan and the Great Powers
- M.S. Rajan : India's Foreign Relations during the Nehru Era
- Hemen Rai : Indo-Soviet Relation 1955-1971
- V.D. Chopra (ed) : NAM: New Delhi to Harare
- Denis Wright : India-Pakistan Relations (1962-1969)
- Russell Brines : The Indo-Pakistani Conflict.
- Ashok Kapur, Y.K.Malik
- Harold A.Gould, Arthur
- G.Rubinoff (ed) : India and the United States in a Changing World.
- Rahmatullah Khan : Kashmir and the United Nations
- Joseph Korbel : Danger in Kashmir
- Peter Lyon : Neutralism (relevant portions)
- Neville Maxwell : India's China War
- Dorothy Woodman : Himalayan Frontiers
- S.P. Sen (ed) : The Sino-Indian Border Question: A Historical Review.

Journals :

- American Universities Field Staff: Asia Series
- Current History (Philadelphia)
- India Quarterly (New Delhi)
- International studies (New Delhi)
- Journal: Institute of Defence Studies and Analysis (New Delhi)

- Orbis (Philadelphia)
- World today (London)

Other Periodicals

- Economist; Far Eastern Economic review;
- Economic and Political Weekly

News Digests

- Asian Recorder; Indian Recorder and Digs; Keesings Contemporary Archives

GOI Statements/Texts of Documents :

- Foreign Affairs Record (Ministry of External Affairs, GOI)

COURSE – 416

GENDER HISTORY

Marks 100 (80+20)

Credit - 8

Objective :

The objective of this course is threefold:

- To bring about gender-sensitivity
- To introduce basic concepts related to gender history
- To acquaint the students with the sources for gender history

UNIT – I

- (i) Concepts of Patriarch and Patriliney
- (ii) Matriarchy and Matriliney
- (iii) Feminism
- (iv) Women's Liberation

- (v) Gender- Female/Male nature/ Culture dichotomy
- (vi) Gender History.

UNIT – II: Women as depicted in the various history phases of Indian history

- (i) Early India, Pre-colonial and Colonial India
- (ii) Women in Northeast India
- (iii) Women in Matrilineal and patriarchal societies.

UNIT-III: History of Feminism and Women’s Liberation Movements

- (i) Women’s Rights
- (ii) Women and Environment.

UNIT-IV : Women in the Indian National Movement

- (i) Swadeshi Movement
- (ii) Non-Cooperation Movement
- (iii) Civil Disobedience Movement
- (iv) Quit India Movement

UNIT-V : Methodology for Gender History: techniques of re-examination of existing sources:

- (i) Literary texts
- (ii) Autobiographies,
- (iii) Private diaries
- (iv) Archival records
- (v) Folk traditions
- (vi) Oral History.

Reading List

- Sonya Andermahr, Terry Lovel, Carol Wolkowi (eds), A Concise Glossary of Feminist Theory
 International Encyclopedia of Social sciences
 M. Beard, Women as a Force in history, Penguin, 1975
 Gender Lerner, The creation of Patriarchy, OUP, 1983
 AM Jaggat, Feminist Politics and Human nature, New Jersey, 1983
 Sheila Rowbotham, hidden From History, New York, 1974
 JK Kouray, JP Sterba & R. Tong (eds) feminist Philosophies: Problems, Theories and Application, New Jersey, 1992
 F. Engels, The Origins of the Family, Private Property and the state, Moscow, 1968
 Kumkum Sangari & Sudesh Vaid (eds), Recasting Women: Essays in Colonial history, New Delhi, 1989
 Geraldine Forbes, Women in Modern India, CUP, UK, 2007
 Neerj Desai and Usha Thakkar, Women in India society, New Delhi, 2001
 Leela Kasturi & Vina Mazumdar (ed), Women and the National Movement, New Delhi, 1994
 As Altekar, The position of women in Hindu Civilization, New Delhi, 1959
 S.Sen (ed), Women in Meghalaya, New Delhi, 1992
 Deepti Sharma, Assamese women in the Freedom Struggle, Assam, 1996s

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

Semester	Paper No	Paper Name
I	1	Historical methods
	2	History of Assam (circa 5 th to 1228AD)
	3	History of USA (1783-1919)
	4	Indian National Movement
II	5	History of China (1839-1949)
	6	History of Assam (1228-1826)
	7	Group A: State formation in Ancient India Group C; British Rule in India(1757-1857)
III	8	Group A: Agriculture , Trade and Urbanization in Early India Group C; Economic History of Modern India (1757-1947)
	9	History of Assam (1826-1947)
	10	History of modern Japan (1852-1941)
	11	Group A: Aspects of Indian arts and architecture Group C: Peasents and workers resistance in Modern India
IV	12	• International relations since 1939
	13	International relations since (1871-1939)
	14	Group A: Social History of Ancient India from earliest time to 1206. Group C: Social History of Modern India
	15	Indian Foreign relation since 1947 (Elective)
	16	Gender History

**GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING**

Programme Project Report

PPR ID : GU/GUIDOL/PPR/06 (Total no. pages : 38)

**Programme: Master of Arts in Mathematics and Master of Science in
Mathematics**

1. Programme mission and objective:

The mission of the Programme to be launched is *"to cater to the need of higher education in mathematics and to widen the periphery of education and application in mathematics."*

Objectives of the Programme:

- *to promote higher education and research in the field of pure and applied Mathematics,*
- *to enhance and develop their knowledge and understanding on the theoretical and practical foundations of Mathematics as a subject.*
- *to nurture the finest talents in Mathematics and capacitate them with high level of professional competence,*
- *to create resources in the field of mathematics to contribute in the different fields of applied science,*
- *to think critically and to aid in decision-making*
- *to generate competent and well-educated man-power for the teaching profession as well as manning positions of research associates in public/private sector academic and research institutions.*

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Mathematics was established in 1948 and has set up, over the years, a close association with formal and informal organizations in the field of educational


পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

research & development which give opportunity to the students to acquire practical knowledge and ideas.

Keeping in view the motto of “*Quality Higher Education For All*” Masters of Arts in Mathematics and Master of Science in Mathematics to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in field of Mathematics to those aspiring candidates who are deprived of higher education due to the limited number of intake in the conventional mode of education in the Universities. Moreover, to keep the quality intact, the curriculum and syllabus is designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and target group of learners: Our target group includes-

- *those deprived of admission in the parent department of regular mode due to limited intake capacity,*
- *those employed in various organizations who desire to pursue higher education as a passion or as a mean for movement up the promotional ladder,*
- *drop outs primarily due to social , financial and economic compulsions as well as demographic factors,*
- *job seekers,*

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the University, external experts and teachers of Gauhati University Institute of Distance and Open Learning (GUIDOL), keeping in view the needs of the diverse group of learners.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence- The programmes to be to be offered through ODL Mode will have certain learning outcomes. The programmes will help the learners

- *to enhance and develop their knowledge and understanding on the theoretical and practical foundations of Mathematics as a subject in particular*
- *to create the knowledge of basic and advance concept of mathematics with its application in its allied fields*
- *to build knowledge of the different analytical tools based on mathematical concepts for relating mathematics and application of mathematics in the different fields of science for scientific enhancement and support*
- *to commit to action that demonstrates care for others*

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising of experts from the parent department of the University, GUIDOL, keeping in view the needs of the diverse group of learners. Apart from theoretical component, the syllabus emphasizes on practical exposure of students to different fundamental programming languages of Computer Science. This is included in the course content of this programme.
- b) **Detailed Syllabus:** Enclosed (*Enclosure I*) .
- c) **Duration of the Program:** Minimum 2 (two) years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in 4 (four) semesters having 5(five) courses/papers in each semester and also with the opportunity to choose optional courses offered. The learners will be provided with the printed SLMs which cover almost all the contents in the syllabus (*enclosure-III*). Counselling sessions will be held in the headquarter and various affiliated study centres. Telephonic Counselling and providing online learning resources will also be a part of the instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
- e) **Faculty:**
 1. Prof. Kuntala Patra, Department of Mathematics, Gauhati University nominated as Coordinator of the ODL programmes in Mathematics

2. The post of Academic Consultant in Mathematics is advertised and recruitment to the post will soon be done.
3. Resource persons drawn from amongst teachers of affiliated colleges and faculty staff of the Department of the University.

f) **Media:** Print Media, ICT enabled content and e-Learning resources

g) **Student Support Service:** In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-

- i) **Network of Study Centres:** To assist its learners of the ODL mode the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North Eastern region of India. Which provides the following services to the students:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

(iv) **Dynamic Website** Gauhati University has a dedicated dynamic website for ODL learners where one can get all the informations regarding its programmes, upcoming events, examination results etc.

- v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in .
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated GUIDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP) :**In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcast radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. **Procedure for Admissions, Curriculum transaction and Evaluation-**

Admission- The admission process starts from August and ends by the end of September every year. The learners can go for either offline or online admission process. The minimum eligibility for M.A. & M.Sc programme in Mathematics is any graduate from any recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belonging to SC/ST and OBC categories in the form of scholarship. A few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Hon’ble Vice Chancellor.

Curriculum transaction- Activity Planner: Enclosure II

Evaluation- Each course/paper will carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations.

In order to pass/clear a course/paper, a candidate must secure minimum 35% marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Examination rules and regulations of Gauhati University.

- 7. Library Resources:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, GUIDOL has its own Library where various books, journals and magazines are available.

Gauhati University being a member of the UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

- 8. Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 67.5 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

- 9. Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

ENCLOSURE-I

Syllabus (IDOL) for M.A/M.Sc in Mathematics.

The M.A/ M.Sc IDOL syllabus has been restructured for the semester system on the basis of the guidelines of the UGC. There are four semesters in two years; each semester comprising of five papers. In the third semester 3 papers are common to all and the other two papers are optional. In the 4th semester two papers are common and three papers are optional. Questions will be set from each unit, proper weightage will be given unit wise and marks from each unit are shown accordingly. In each paper there will be an internal assessment of 20 marks.

Semester I

- Paper- M101: Real Analysis and Lebesgue Measure
Paper-M102: Topology
Paper-M103: Algebra
Paper-M104: Differential Equation.
Paper-M105: Tensor and Mechanics

Semester II

- Paper- M201: Complex Analysis
Paper-M202: Functional Analysis
Paper-M203: Hydrodynamics
Paper-M204: Mathematical Methods.
Paper-M205: Operation Research

Semester III

- Paper- M301: Computer Programming in C (theory and Practical)
Paper-M302: Number Theory
Paper-M303: Continuum Mechanics
Paper-M304 Algebra II/Space Dynamics
(Optional):

Paper-M305: Special Theory of Relativity /Mathematical Logic
(Optional):

Semester IV

Paper- M401: Graph Theory

Paper-M402: Numerical Analysis

Paper-M403: Functional Analysis II/ Fluid Dynamics

Paper-M404: Mathematical Statistics /Dynamical System.

Paper-M405: Fuzzy Sets and their Applications/General Theory of
Relativity and Cosmology.

Detailed Course Structure

Semester I

M101: Real Analysis and Lebesgue Measure

Unit 1: (Marks-20)

Uniform convergence at an interval. Cauchy's criterion. Test for uniform convergence. Properties of uniformly convergent sequences and series of functions. Uniform convergence and continuity. Integration, differentiation Weirstrass approximation theorem (Statement only) and its application. Uniqueness theorem for power series. Abel's and Taylor's theorem. Fundamental properties.

Unit 2: (Marks-20)

Function of bounded variation, continuity, Differentiation, their continuity and monotonicity. Definition and Existence of R-S integral, properties of R-S integral integration and differentiation, fundamental theorem of calculus.

Unit3: (Marks-20)

Lebesgue outer measure, Measurable sets and properties. Borel sets and their measurability characterization of measurable sets, Non-measurable sets, Measurable function, Properties, Operation of measurable function, sets of measure zero.

Unit 4: (Marks-20)

Lebesgue integral, Lebesgue integral of a bounded function, comparison of Riemann integral and Lebesgue integral. Integral of non negative measurable function, General Lebesgue integral. Convergence of Lebesgue integral, Bounded convergence theorem (statement only) Monotone Convergence theorem (statement only), Lebesgue Convergence theorem (statement only).

Books Recommended:

1. Malik and Arora: Mathematical Analysis, Narosa Publishing House, New Delhi.

2. L.Royden: Real analysis, Prentice Hall of India.
3. W.Rudin: Principles of mathematical Analysis, 3rd Edition, McGraw Hill
4. Jain and Gupta: Lebesgue Measure and integration, Willey Eastern Ltd

M102: Topology

Unit 1: (marks-20) Metric Space:

Convergence of sequences, completeness, Bair's theorem, continuous mappings, spaces of continuous function's Euclidean and unitary spaces.

Unit 2: (marks-10) Topological Space:

Continuity and homeomorphism, subspace, bases and sub bases. Weak topologies.

Unit 3: (marks-20) Compactness:

Compact spaces, product spaces, Tychonoff's theorem and locally compact spaces. Compactness for metric spaces, Ascoli's theorem.

Unit 4(marks-20) Separations:

TI-space and Hausdorff spaces, Completely regular spaces and normal spaces, Urysohn's lemma and Tietze extension theorem.

Unit 5: (marks-10) Connectedness:

Connected spaces, components of a space, totally disconnected spaces, locally connected spaces.

Books Recommended:

1. G.F Simmons.: Introduction to Topology and Modern Analysis, McGraw Hill
2. J.R.Munkers: Topology, A first course, Prentice Hall, India

M103: Algebra

Unit1: (marks-20)

Direct product and Direct sums of Groups, Decomposable groups, Normal and Subnormal series of groups, Composition series, Jordan Holder theorem, solvable groups.

Unit2: (marks-20)

Divisibility in Commutative rings, PID, UFD and their properties, Eisenstein's irreducibility criterion.

Unit3: (marks-20)

Field theory-Extension fields, Algebraic and Transcendental, Splitting field, perfect fields, Finite fields (Moore's theorem etc.). Construction by ruler and compass, elements of Galois theory.

Unit4: (marks-20)

Canonical forms, similarity of linear transformations, Invariant subspaces, Reduction to triangular forms, nilpotent transformations, index of nil potency, invariants of a nilpotent Transformation, Primary decomposition theorem, Jordan blocks and Jordan forms.

Books Recommended:

1. S.Singh and Zameruddin: Modern Algebra, Vikash Publication.
2. S. Lipschitz: Linear Algebra, Schaum's outline series.
3. Hoffman and Kunz: Linear Algebra, PHI.
4. I.N.Herstein: Topic in Algebra

M104: Differential Equation.

Unit1: (marks-20)

Solution of 2nd order differential equations with variable coefficients including method of variation of parameters. Statement only Existence theorem of 1st order equation, Statements of existence theorems for system of 1st order equations and for nth order differential equations, Wronskian.

Unit2: (marks-20)

Method of series solution of 2nd order differential equations with particular reference to Legendre, Bessel and Gauss. Simultaneous differential equations and total differential equations.

Unit3: (marks-20)

Origin of partial differential equations of 1st order, Lagrange's method of solving 1st order linear partial differential equations. Particular solutions under various prescribed conditions. Linear homogeneous equations with more than two independent variables.

Unit4:(marks-20)

Charpit's method of solving non-linear 1st order partial differential equations. Complete Integrals. Standard forms of non-linear 1st order partial differential equations.

Books Recommended:

1. Theory and problems of differential equations-Frank Ayres Jr. Schaum's Outline Series,McGraw Hill.
2. M. D. Raisinghannia: Advance Differential Equations, S Chand & Co.
3. Gupta Malik and Mittal: Partial Diffrential Equation,Pragati Prakashan

M105: Tensors & Mechanics

Unit1: (marks-10)

Transformation of coordinates, summation convention, Kronecker delta, definition of tensors covariant, contra variant and mixed tensor, Cartesian tensors, rank of a tensor, symmetric and antisymmetric tensors, outer and inner product of tensors, contraction, quotient law. Riemannian space, metric tensor, fundamental tensors, associate tensors, magnitude of a vector, angle between two vectors Parametric curves.

Unit2: (marks-10)

Christoffel's three-index symbols (or brackets) and properties, covariant differentiation of tensors, divergence and curl of a vector and gradient of a scalar.

Intrinsic derivatives, curvature of a curve, parallel displacement of vectors.

Unit3: (marks-10)

Forces in three dimension and general conditions of equilibrium, Poinsot's central axis, wrench, cylindroids.

Unit4: (marks-10)

Virtual works, bending moments, equilibrium of slightly elastic beams, general equations of a bent rod, equations of three moments, work done in bending a rod.

Unit5: (marks-10)

Newton's laws and inertial frame of reference, general equations of motions, conservative force fields, general principle of conservation of energy, linear momentum and angular momentum.

Unit6: (marks-10)

Motion in two dimensions, motion under a central force with particular reference to inverse square law of force, Kepler's laws of planetary motions, two body problem, motion in resisting medium and motion when the mass varies.

Unit7: (marks-10)

Motion in three dimensions, velocity and acceleration in cylindrical and spherical polar coordinates, motion on cylindrical spherical and conical surfaces.

Unit8:(marks-10)

Revision of moments and general equations of motion of rigid body, motion in two dimensions under finite and impulsive forces, expression for K.E.; motion about a fixed axis.

Books Recommended:**Tensors:**

1. Agarwal D.C.: Tensor Calculus of Riemannian geometry.

2. Ayers: Vectors and introduction to Tensor, Scaum's Outline Series, Tata McGraw Hill.

Mechanics:

1. Lamb: Statics , CUP
2. S. L Loney: Statics, CUP
3. A. S Ramsey: Statics, CUP, CBS Publishers & Distributors.
4. Tyagi, Nand and Sharma: Statics, Krishna Prakashan mandir
5. Chorlton: Text Books of dynamics, Van Nostrand
6. Goldstein: Classical mechanics, Addison Wesley.
7. Loney S.K.: Dynamics of a particle and of rigid bodies (CUP)
8. A. S Ramsey: Dyanamics PartII
9. Singe and Griffith: Principles of mechanics, McGraw Hill
10. Spiegel M: Dynamics Part II, Scaum's Outline Series, Tata McGraw Hill.

M201Complex Analysis

Unit1:(Marks-20)

Analytic functions: The Cauchy Riemann equations, harmonic functions, elementary functions many valued functions.

Analytic functions as mappings: Isogonal and conformal Transormations. Bilinear transformations: geometrical inversion, coaxial circles, invariance of the cross-ratio. Fixed points of a bilinear transformation; some special bilinear transformations, e.g. real axis on itself, unit circle on itself, real axis on the unit circle etc.

Branch point and branch lines, concept of the Riemann Surface.

Unit2: (Marks -20)

Complex Integration

Integral along oriented curve, Cauchy's theorem, the Cauchy-Goursat theorem; Cauchy's integral and functions defined by integrals, the derivatives of a regular function; Morera's theorem, Cauchy's inequality, Liouville's theorem; Maximum modulus principle.

Unit3: (Marks -20)

Power series:

Taylor's and Laurent's theorem: Zeros and singularities, their classification, poles and zeros of meromorphic functions.

The argument theorem, "Rouche's theorem, location of roots of equations.

Unit4: (Marks-20)

The Calculus of Residues:

The residue theorem: evaluation of integrals by contour integration, special theorems used in evaluating integrals.

Books Recommended:

1. Phillips E.C.: Function of a Complex Variable, Oliver and Boyd.
2. Shanti Narayan : theory of Functions of a complex Variables, S. Chand and Co.
3. Spiegel Murry R: Theory and Problems of Complex variables, Schaum's Outline Series TMH.

M202 Functional Analysis

Unit1: (Marks -20)

Banach Space: Definitions and some examples, Basic properties, continuous linear transformation, finite dimensional normed linear spaces.

Unit2:(Marks-20)

Hahn-Banach theorem, natural embedding of NLS^* , open mapping theorem, closed graph theorem, Banach Steinhaus theorem, conjugate of an operator.

Unit3:(Marks-20)

Hilbert Spaces: Definition and simple properties, orthogonal complement, orthogonal sets, conjugate space H^* , adjoint of an operator, self adjoint of an operator, normal and unitary operator, projection.

Unit4:(Marks-20)

Finite-dimensional spectral Theory: Spectrum of an operator, spectral theorem.

Books recommended:

1. Simmons G.F.: Introduction to Topology and Modern Analysis, McGraw Hill/Megginson.
2. Lahiri, B.K.: Functional Analysis, the World Press Pvt. Ltd, Calcutta.
3. Limaye, B.V.: Functionla Analysis, New Age Publication.

M203 Hydrodynamics

Unit 1 (Marks-20): Kinematics of fluid motion: Path lines stream lines equations of continuity, equation of motion and their integrals, boundary conditions . Impulsive motions. Analysis of fluid motion and general theory of irrotational motion.

Unit 2 (Marks-20):Motion in a plane: Use of Complex potential. Source. Sink, Doublet. Method of images. The Circle theorem. The theorem of Blasius. Motion past circular cylinder.

Unit3:(Marks-20): Motion in space: Motion past a sphere axisymmetric motion. Stokes stream function and its use.

Unit 4(Marks-20): Vortex motion : Properties of vortex filament motion due to rectilinear vortex and a system of vortices motion of a vortex filament due to the influence of others. Ranking vortex.

Books recommended:

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1. W.H.Besant and A.S. Ramsay: A Treatise on Hydromechanics. Part II. CBS Publishers. Delhi.
2. Frank Chorlton: Text Book of Fluid Dynamics- C.B.S Publishers. Delhi.
3. G.K.Batchelor: An Introduction to Fluid Mechanics, Foundation Books. New Delhi.
4. M.D. Raisinghania: Hydrodynamics- S. Chand and Co. Limited.

M204: Mathematical Methods

Unit1: (Marks-20): Laplace Transform: Basic properties of Laplace Transform, Convolution theorem and properties of convolution, Inverse Laplace Transform, Application of Laplace Transform to the solution of differential equation. Evaluation of definite integrals.

Unit2: (Marks-20): Fourier Transform: Fourier Integral Transform. Properties of Fourier Transform, Fourier sine and cosine transform, Application of Fourier Transform to differential equation. Evaluation of definite integrals.

Unit3 (Marks-20): Fredholm Integral Equations: Definition of Integral equation, Eigen values and Eigen functions: Reduction to a system of algebraic equations, Reduction of ordinary differential equation into integral equation. Fredholm integral equations with separable kernels, Method of successive approximations, Iterative scheme for Fredholm Integral equation of second kind.

Unit4 (Marks-20): Voltera Integral Equations: Voltera Integral equations of second kind, Resolvent kernel of Voltera equation and its result, Application of iterative scheme to Voltera integral equation of the second kind. Convolution type kernels.

Books recommended:

1. S. G. Mikhlin: Linear Integral Equations, (Translated from Russian), Hindustan Book Agency, 1960.
2. Raisinghania: Integral Transforms, S. Chand & Co.

3. M.R. Spiegel: Theory and Problems of Laplace transforms, Schaum's outline series.

M205 Operations Research

Unit-1 (Marks-10): History and Development of Operations Research. Operations Research and its Scope Necessity of Operations Research in Industry and Management. General idea of queuing problem-Markovian and non Markovian queues. Queuing theory and its operating characteristics, queuing model-M/M/1, M/M/K. General equations of the models.

Unit-2 (Marks-10): Simulation: Theory of simulation. Monte Carlo method, applications to the problems of replacement and maintenance inventory, queuing and financial problems.

Unit-3 (Marks-20): Linear Programming: Simplex method. Theory of the simplex Method, Duality and Sensitivity Analysis. Other Algorithms for Linear Programming, Dual Simplex Method. Integer programming-Branch and Bound technique. Concept of cutting plane. Gomory's all integer cutting plane method.

Applications to Industrial Problems:- Optimal product mix and activity levels. Petroleum refinery operations Blending problems. Economic interpretation of dual linear programming problems. Input-output analysis.

Unit-4: (Marks-10): Transportation and Assignment Problems.

Unit-5: (Marks-10): Network Analysis - Shortest Path Problem. Minimum Spanning Tree Problem. Maximum Flow Problem, Minimum Cost Flow Problem. Network simplex Method. Project Planning and Control with PERT- CPM.

Unit 6: (Marks-20): Nonlinear Programming: One and Multi-Unconstrained Optimization. Kuhn-Tucker Conditions for Constrained Optimization. Quadratic Programming. Separable Programming Convex Programming Non-convex Programming.

Books recommended:

1. Kanti Swarup.P.K. Gupta and Manmohan: Operations Research. S.Chand and Co.
2. . H.A.Taha.Operations Research: An introduction. Macmillan Publishing Co. Inc. New York.
3. FS Hillier and GJLieberman: Introduction to Operations Research (Sixth Edition). McGraw Hill International Edition. Industrial Engineering Series. 1995 (This book comes with a CD containing tutorial software)
4. P.K.Gupta and D.S. Hira: Operations Research-An Introduction S.Chand and Co.

M301 Computer Programming in C

Unit 1. (Marks- 20): An Overview of Programming: The basic model of computation, Algorithms, Flow charts, programming languages, compilation, linking and loading, efficiency and analysis of algorithms.

C Essentials: Character set, variables and identifiers, built in data types, operators and expressions, constants, type conversions, basic input/put operations, anatomy of a C program.

Unit 2. (marks-20): Control Flow: Conditional branching, The switch statement, looping, nested loops, the break and continue statements, the goto statement, infinite loops.

Unit 3. (marks-20): Arrays, Pointers and Functions: Declaration, initialization, pointer arithmetic. Basics of functions, passing arguments, declaration and calls, return values.

SAMPLE PROGRAMS FOR PRACTICAL (MARKS-20)

To evaluate an arithmetic expression. To find GCD, Factorial. Fibonacci series. Prime number generation. Reversing digits of an integer. Finding square root of a number. To find the roots of a quadratic equation. To find the greatest and smallest of a finite set of numbers. To find the sum of different algebraic and trigonometric series. Addition, subtraction and multiplication of matrices.

Books recommended:

1. Rajaraman V.: Computer Oriented Numerical methods, Prentice Hall of India, New Delhi.
2. Balaguruswamy E.: ANSIC.
3. Kernighan W. and Ritchie D.K.: The C programming Language, PHI.

M302 Number theory

Unit 1. (Marks-20): Divisibility and the primes: Principle of mathematical induction, least common multiple, greatest common divisor. Euclidean algorithm, prime numbers, unique factorization theorem)

Unit 2. (Marks-20): Congruences: Operations of congruences, Residue sets mod m , Euler's theorem, order of a mod m , linear congruences, the theorems of Fermat and Wilson, The Chinese Remainder theorem, Polynomial congruences.

Unit 3. (Marks-20): Quadratic Residues: Primitive roots, Indices, quadratic residue mod m , Euler's criterion, The Legendre symbol, The law of quadratic reciprocity. The Jacobi symbol.

Unit 4. (Marks-20): Arithmetic functions and some Diophantine equations: Multiplicative Arithmetic functions, τ and σ functions, Mobius function, Euler's function, The inversion formula. Linear Diophantine equations, equations of the form $x^2+y^2=z^2$, related equations, Representation of a number by sum of two or four squares.

Books recommended:

1. Burton D.M.: Elementary Number Theory, Universal Book stall, New Delhi.
2. K. C. Chowdhury: A first course in theory of numbers, Asian Books Pvt. Ltd.
3. S. B. Malik: Vikash Publishing House Pvt. Ltd.: Basic Number Theory

M303 Continuum Mechanics

Unit 1. (Marks-20): Analysis of Stress: The continuum concept. Homogeneity isotropy mass density. Cauchy's stress principle. Stress tensor. Equations of equilibrium. Stress quadratic of Cauchy. Principal stresses. Stress invariants. Deviator and spherical stress tensors.

Unit 2. (Marks-20): Analysis of Strain: Lagrangian and Eulerian descriptions. Deformation tensors. Finite strain tensor. Small deformation theory. Linear strain tensors and physical interpretation. Stress ratio and finite strain interpretation strain quadratic of Cauchy. Principal strains. Strain invariants. Spherical and Deviator strain components. Equations of Compatibility.

Unit 3. (Marks-20): Motion: Material derivatives, path lines and stream lines. Rate of deformation and Vorticity with their physical interpretation. Material derivatives of volume. Surface and line elements. Volume, surface and line integrals. Fundamental laws of continuum Mechanics.

Unit 4. (Marks-20): Constitutive equations of Continuum Mechanics: Linear elasticity. Generalized Hook's Law. Strain energy function. Elastic constants for isotropic homogeneous materials. Elaststatic and Elastodynamic problems.
Fluids: Viscous Stress tensor. Barotropic flow : Stokesian fluids. Newtonian fluids. Navier stokes equations. Irrotational flow. Perfect fluids. Bernoullis equation. Circulation.

Books recommended:

1. G. E. Mase: Continuum Mechanics - Schaum's outline series. McGraw Hill Book Company.
2. R. Chatterjee: Mathematical Theory of Continuum Mechanics- Narosa Publishing House. New Delhi.

M304 Algebra II

(Optional):

Unit 1. (Marks-20): Posets and lattices, Modular, Distributive lattices, Direct product (sum) of an infinite family of groups. Structure theorems for finitely generated abelian groups
Unit 2: Sylow's theorem and its applications.

Unit 2. (Marks-20): Free abelian groups, free groups, free products of groups, representation of a group.

Unit 3. (Marks-20): Modules, submodules, Direct product and direct sum of modules, prime ideals in commutative rings, complete ring of quotients of a commutative rings.

Unit 4. (Marks-20): Primitive rings, Radical, completely reducible module and rings, Artinian and Noetherian rings and modules.

Books recommended:

1. V.K. Sarma: Lattices and Boolean Algebra- Vikas Publ House.

2. Singh and Zameeruddin: Modern Algebra- Vikas Publ House
3. B. Chandler: Group Theory, Schaum's Series
4. Bhattacharyya, Jain and Nagpaul: Basic Abstract Algebra- CUP, 1997

M304 Space Dynamics

(Optional)

Unit 1. (Marks-20): Basic formulae of a spherical triangle-The Two-body problem: The motion of the centre of mass . The relative motion. Kepler's equation. Solution by Hamilton Jacobi Theory. The Determination of Orbits: Laplace's Gauss Methods.

Unit 2. (Marks-20): The Three Body problem: General Three Body Problem. Restricted Three Body Problem. Jacobi integral. Curves of zero velocity. Stationary solutions and their stability. The n-body problem: The motion of the centre of Mass. Classical integrals.

Unit 3. (Marks-20): Perturbation : Osculating orbit, perturbing forces. Secular and Periodic perturbations, Lagrange's planetary Equations on terms of perturbing forces and in terms of perturbed Hamiltonian. Motion of the moon-The perturbing forces. Perturbation of Keplerian elements of the moon by the sun.

Unit 4. (Marks-20): Flight Mechanics: Rocket performance in a vacuum, vertically ascending paths. Gravity twin trajectories. Multi-stage rocket in a vacuum. Definitions pertinent to single stage rocket. Performance limitations of single stage rockets. Definitions pertinent to multi stage rockets. Analysis of multi-stage rockets neglecting gravity. Analysis of multi-stage rockets including gravity.

Books recommended:

1. J.M.A.Danby: Fundamentals of Celestial Mechanics. The Macmillan Company. 1962
2. E. Finaly, Freundlich. Celestial Mechanics. The Macmillan Company. 1958

3. Ralph Deutsch. Orbital Dynamics of Space Vehicles. Prentice Hall INC. Engle Wood Cliff. New Jersey 1963.
4. Theodore E. Sterne: An Introduction of Celestial Mechanics. Intersciences Publishers. INC 1960-
5. Angelo Miele: Flight Mechanics Vol 1. Theory of flight paths. Addison Wiley Publishing Company INC. 1962.

M305: Special Theory of Relativity

(Optional)

Unit 1. (Marks-16): Inertial and non-inertial frames, Geometry of Newtonian mechanics, Galilean Transformations, Back-ground of the fundamental postulates of the special theory of relativity, Lorentz transformation. Relativistic concept of space and time and relativity of motion, Geometrical interpretation of Lorentz transformation as a rotation. Lorentz transformation as a group.

Unit 2. (Marks-16): Relativistic addition law of velocities and its interpretation in terms of Robb's rapidity, Invariance of speed of light, consequences of Lorentz transformation e.g. (i) Lorentz Fitzgerald contraction (ii) Time dilation (iii) Simultaneity of events, Proper length and proper time, Application in problems. Transformation of acceleration

Unit-3. (Marks-16): Relativistic mechanics. Variation of mass with velocity, Transformation of mass, force and density Equivalence of mass and energy, Transformation of momentum and energy, Energy momentum vector. Applications in problems, Relativistic Lagrangian and Hamiltonian.

Unit-4. (Marks-16)

Minkowski's space, Geometrical representation of simultaneity, Contraction and dilation, space like and time like intervals, position. Four vectors, Four velocity, Four forces and Four momentums, Relativistic equations of motion, Covariant four-dimensional formulation of the laws of mechanics.

Unit-5. (Marks-16): Electrodynamics: Fundamentals of electrodynamics, Transformation of differential operators, D' Alembert operator, Derivation of Maxwell's equation, Electromagnetic potentials and Lorentz condition, Lorentz force, Lorentz transformations of space and time in four-vector form, Transformations of charge and current density, Invariance of Maxwell's equations, Transformation equations of electric field strength and magnetic field induction components, Invariance of E^2-H^2 and $E.H$.

Books recommended:

1. Robert Resnick: Introduction to special Relativity, Wiley Eastern Lt. (1990)
2. A S Eddington: The Mathematical Theory of relativity, Cambridge University Press 1965
3. Satya Prakash: Relativistic Mechanics (Theory of Relativity) Pragati Prakashan, 2000

M305 Mathematical Logic (Optional)

Unit 1. (Marks-16): Informal statement calculus: Statements and connectives, truth functions and truth-tables, normal forms, adequate sets of connectives, arguments and validity.

Unit 2. (Marks-16): Formal statement calculus: Formal definitions of Proof. Theorem and Deduction the formal theory L of statement calculus the deduction theorem and its converse.

Unit 3. (Marks-16): Adequacy theorem for \mathcal{L} : Valuation in \mathcal{L} . tautology in \mathcal{L} . the Soundness theorem. Extensions of \mathcal{L} . consistency of an extension the adequacy theorem of \mathcal{L} .

Unit 4. (Marks-16): Informal predicate Calculus: Symbolism of predicate calculus. First order language interpretation truth values of well-formed formulas satisfaction

and truth. Formal Predicate Calculus: Predicate Calculus as a formal theory the adequacy theorem of K.

Unit 5. (Marks-16): Mathematical Systems: First order systems with equality the theory of groups first order arithmetic formal set theory consistency and models.

Books recommended:

1. A.G. Hamilton: Logic for Mathematics
2. Elliot Mendelson: Introduction of Mathematical Logic.

M401: Graph theory

Unit 1. (Marks-20): Graphs, subgraphs, walk, paths, cycles and components, intersection of graphs, Degrees, Degree sequence. Trees, spanning tree, cycles, cocycles. Cycle space. Cocycle space, connectivity, cut vertices, cut edges, blocks., connectivity parameters, Menger's theorems.

Unit 2. (Marks-20): Eulerian and Traversable graphs: Characterization theorems, characterization attempts for Hamiltonian graphs, two necessary and sufficient conditions of a graph to be Hamiltonian, Factorizations, Basic concepts, 1-factorization, 2-factorization, coverings, critical points, and lines.

Unit 3. (Marks-20) : Planarity: Subdivision of graph, identification of vertices, plane and planar graph, outer planar graph, Euler's polyhedron formula, Kuratowski's theorems, Genus, thickness, coarseness and crossing number of a graph.

Unit 4. (Marks-20): Algebraic graph theory: Adjacency matrix and spectrum of graphs, vertex, partition and the spectrum.

Books recommended:

1. Harary: Graph Theory, NAROSA Publishing Co.
2. N. Biggs: Algebraic Graph Theory, CUP

3. Godsil Springer: Algebraic Graph Theory..

M402: Numerical Analysis

Unit 1. (marks-20): Interpolation formulae: Newton's forward interpolation formula, Newton's backward interpolation formula, Newton's divided difference interpolation formula, Lagrange's interpolation formula, Gauss forward interpolation formula, Gauss backward interpolation formula, Stirling's formula, Bessel's formula.

Unit 2. (marks-20): Numerical Differentiation and Integration Numerical Differentiation and Integration, Simpson's rule, Weddle's central difference formula, quadrature formula, Gauss's quadrature formula, Euler's formula for summation and quadrature.

Unit 3. (marks-20): Solution of Algebraic and Transcendental Equations: Numerical Solutions of Algebraic and Transcendental Equations, Solutions by the method of iteration and the Newton-Raphson method, cases of repeated roots.

Unit 4. Linear Equations: (marks-20): Direct method for solving systems of linear equations (Gauss Elimination, LU decomposition, Cholesky decomposition), iterative methods (Jacobi, Gauss-Seidel, Relaxation methods).

Books recommended:

1. Householder A.S.: Principles of Numerical Analysis, McGraw Hill, New York.
2. Jain M.K.: Numerical Analysis for scientists and Engineers, S.Publishers.
3. Kung: Numerical Analysis, McGraw Hill Book Co.
4. Niyogi P. : Numerical Analysis and Algorithms, Tata McGraw Hill
5. Rajaraman V.: Computer Oriented Numerical methods, Prentice Hall of India, New Delhi.

M403: Fluid Dynamics

(Optional)

Unit 1 (Marks-20): Waves: Long wave and surface wave stationary wave. Energy of the waves. Waves between different media. Group velocity, Dynamical significance of Group velocity. Surface tension and Capillary waves. Effect of Surface tension in water waves.

Unit 2 (Marks-20): Viscous fluid motion: Navier-Stokes equation of motion rate of change of vorticity and circulation rate of dissipation of energy. Diffusion of a viscous filament.

Unit 3 (Marks-20): Exact solution of Navier Stokes Equation: Flow between plates. Flow through a pipe (circular elliptic). Suddenly accelerated plane wall. Flow near an Oscillating flat plate. Circular motion through cylinders. Stoke's linearization process. Flow past a sphere. Whitehead paradox and Stoke's paradox. Oseen's approximation.

Unit 4 (Marks-20): Laminar Boundary Layer Theory: General outline of Boundary layer flow. Boundary layer thickness. Displacement thickness. Energy thickness. Flow along a flat plate at zero incidence . Similarity solution and Blasius solution for flow about a flat plate. Karman's momentum integral equation. Energy integral equation. Pohlhausen solution of momentum integral equation.

Books recommended:

1. I.M.Milne Thomson: Theoretical Hydrodynamics: McMillan Company.
2. S.Goldstein Modern development of Fluid Dynamics. Vol-1. Dover publication. New York.
3. G.K.Batchelor: An Introduction to Fluid Dynamics.
4. M. D. Raisighania: Fluid Dynamics: S. Chand.

M403: Functional Analysis II (Optional)

Unit-1. (Marks-10): Vector topologies: Examples First properties Mazur's and Eidelheit's separation theorems Metrizable vector topologies.

Unit-2. (Marks-15):

The Open Mapping Theorem: The closed graph Theorem and the uniform Boundedness Principle for F-spaces. Topologies induced by families of functions. Weak and Weak* topologies. Compactness. Adjoint operator . Projection and complementation.

Unit-3. (Marks-15): Convexity: The Hahn- Banach theorem for locally convex spaces. The Banach Alaunglu Theorem for topological vector spaces. Krein-Milman theorem.

Unit-4. (Marks-15): Definition of Banach Algebra and Examples Singluar and Non singular elements. The Abstract index. The spectrum of an element. Gelfand Formula. Multiplicative. Linear Function. And the maximal ideal space. Gleason Kahane Zelazko Theorem.

Unit-5. (Marks-15): The Gelfand Transforms. The spectral Mapping Theorem. Isometric Gelfand Tranform. Maximal ideal spaces for Dise Algebra and the Algebra.

Unit-6. (Marks-10): (C^* algebras-Definition and Examples, Self Adjoint. Unitary normed positive and projection elements in (C^* -algebras, Commutative (C^* -algebras. (C^* -Homomorphisms. Representation of Commutative (C^* - algebras. Subalgebras and the spectrum. The spectrum theorem. The Continuous functional Calculus . Positive linear functionals and slates in (C^* - Algebras, The GNS Construction.

Books recommended:

1. Megginson Robert E: An introduction to Banach space theory. Springer verlag.
2. W. Rudin: Functional Analysis Tata McGraw Hills.

M404: Mathematical statistics

Unit1. (marks-16): Probability: Mathematical and statistical definitions. Discrete Samplespace, Axiomatic approach, Theorems of Total and Compound probability, Repeated Trials, Baye's theorem. Random Variable and its distribution, Mathematical Expectations, Expectation of sum and product of random variables, Expectation of functions of random variables. Distribution of more than one random variables. Tshebysheff's lemma. Weak law of large numbers. Theorems of Markoff and Khintchine, Bernouilli's and Poisson's theorems. Characteristic function. Probability generating unctions, Central limit theorem.

Unit2. (marks-16): Binomial distribution, Poisson, distribution, Normal distribution, Hypergeometric distribution, Multinomial distributions, Beta and Gamma distribution, Pearsonia system of vurves, derivation of the differential equations and its solutions yielding curves of types, I,II,III and IV. Bivariate Normal distribution. Regression and Correlation (including Multiple, partial and Interclass correlation)

Unit3. (marks-16): Principle of least squares of curve fitting (including orthogonal polynomials).

Unit4. (marks-16): Theory of sampling: Random and simple, random sampling, idea of sampling distribution, large sample test, Exact sampling distribution – and T,F,Z and χ^2 (with derivations) and associated tests of significance.

Unit5. (marks-16): Estimation: Requirement of a good estimator, Method of maximum likelihood (including Cramer-Rao inequality)

Books Recommended:

1. J.V. Uspensky: An Introduction to Mathematical Probability³.
2. Elderton: Correlation and Frequency curves.
3. Ferzen: Modern Probability and its Application.
4. S. C. Gupta and V. K. Kapur: Fundamentals of Mathematical Statistics, Sultan Chand & Sons Publishers (1983)

5. S. C. Gupta and V. K. Kapur: Fundamentals of Applied Statistics, Sultan Chand & Sons Publishers (1983)
6. J. Medhi: Statistical Methods: An Introductory text, New Age Int. Publishers (2006).
7. Daroga Singh and F. S. Chaudhury: Theory and Analysis to Sample survey and designs, Wiley Eastern LTD (1986).

M404: Dynamical systems and Fractal Geometry

Unit1. (Marks-10): Nonlinear oscillators-Conservative system. Hamiltonian system. Various types of Oscillators in nonlinear system. Solutions of nonlinear differential equations.

Unit2. (Marks-10): Orbit of a map, fixed point, equilibrium point, periodic point, circular map, configuration space and phase space.
Origin of bifurcation, Stability of a fixed point, equilibrium point, Concept of limit cycle and torus.

Unit3. (Marks-10): Hyperbolicity, Quadratic map. Period doubling phenomenon, Feigenbaum's Universal constant.

Unit4. (Marks-10): Turning point, transcritical, pitch fork, Hopfbifurcation.
Phenemenon of losing stability, Quasiperiodic motion. Topological study of nonlinear differential equations, Poincare map.

Unit5. (Marks-10): Randomness of orbits of a dynamical system. Chaos. Strange attractors. Various roots to chaos. Onset mechanism of turbulence.

Unit6. (Marks-15): Construction of the middle third Cantor set, Von Koch Curve, Sierpinski gasket, self similar fractals with different similarity ratio, Julia Set, measure and mass distribution. Hausdorff measure, scaling property, effect of general transformations on Hausdorff measure, Hausdorff dimension and its properties, s-sets, calculation of Hausdorff dimension and its properties, s-sets, calculation of Housdorff dimension in simple cases.

Unit7. (Marks-15): Unit Measurement of a set at scale d , box dimension, its equivalent versions, properties of box dimension, box dimension of middle third cantor set and other simple sets, some other definitions of dimension, upper estimate of box dimension, mass distribution principle, generalized cantor set and its dimension.

Books Recommended:

1. Robert C. Hilborn: Non linear Dynamics and Chaos
2. D.K. Arrowsmith: Introduction to dynamical systems, Cambridge University press, 1990.
3. Robert L Devany: An introduction to Chaotic Dynamical Systems, Addison-Wesley Publishing Co. Inc.1989
4. M.F. Barnsley: Fractals everywhere, A.P. 1988
5. K.J.Falconer: The Geometry of Fractal sets, Cambridge University Press, 1985

M405 General Theory of Relativity and Cosmology (Optional)

Unit1. (Marks-20): Geodesics, Derivation of the equation of geodesics, Geodesic co-ordinates, intrinsic derivatives, First Curvature, Parallel transport, parallel vectors. Related theorems of intrinsic derivatives and parallel displacement.

Unit 2. (Marks-15): Riemann Christoffel Curvature tensors and their properties, Ricci tensor, Bianchi identities, Einstein tensor Divergence of Einstein tensor, Condition of Flat Space, Riemann Curvature.

Unit 3. (Marks-15): Theory of gravitation, principle of covariance and equivalence, geodesic principle, Simple consequences of the principle of equivalence (i) the equality of inertial and gravitational masses(ii) effect of gravitational potential on the rate of a clock, (iii) The clock paradox, the energy momentum tensor, Energy momentum tensor in case of a perfect fluid, conservation of energy and Momentum.

Unit 4. (Marks-15): The gravitational fluid in empty space in presence of matter and energy. Newtonian equation of motion as an approximation of geodesic equations, . Poisson's equation as an approximation of Einstein field equation, Schwarzschild exterior solution and its isotropic form, planetary orbits and analogues of Kepler's laws in general relativity. Relation between M and m , Isotropic co-ordinates. The three crucial tests (i) The advance of perihelion (ii) Bending of light rays in a gravitational field (iii) Gravitational red-shift in spectral lines. Schwarzschild interior solutions., Boundary conditions.

Unit 5. (Marks-15): Cosmology, Mach principle, Einstein modified field equations with cosmological term, Static cosmological models of Einstein and de-sitter, their derivations, properties and comparison with the actual universe. Hubble's Law, cosmological principles, Weyl's postulates. Non-static cosmological models. Derivation of Robertson-Walker metric, Redshift, Redshift versus distance relation Angular size versus red: shift relation and source counts in R.W space time.

Books Recommended:

1. A.S. Eddington: The Mathematical Theory of Relativity, Cambridge University Press-1965.
2. B.F. Schutz: A First course in general relativity, Cambridge University Press, 1990.
3. C.Moller: The Theory of Relativity.
4. G.,E. Weatherburn: An Introduction to Riemannian Geometry and Tensor Calculus, Cambridge University Press, 1950.

M 405: Fuzzy Sets and their application (Optional)

Unit 1. (Marks-10): Fuzzy sets: Basic Definitions. α -level sets. Convex fuzzy sets. Basic operations on Fuzzy sets. Types of Fuzzy sets. Cartesian products. Algebraic products Bounded sum and difference. T-conorms.

Unit-2. (Marks-10): Extension Principle: the Zadeh extension principle Image and inverse image of fuzzy sets. Fuzzy numbers. Elements of Fuzzy Arithmetic.

Unit-3. (Marks-10): Fuzzy relations and Fuzzy Graphs: Fuzzy relations and fuzzy sets. Composition of Fuzzy relations. Min-max composition and its properties. Fuzzy equivalence relations. Fuzzy compatibility relations. Fuzzy relation equations. Fuzzy graphs, Similarity relation.

Unit-4. (Marks-10): Possibility Theory: Fuzzy measures. Evidence theory. Necessity measure. Probability measure. Possibility distribution. Possibility theory and fuzzy sets. Possibility theory versus probability theory.

Unit-5. (Marks-10): Fuzzy Logic: An overview of classical logic. Multivalued logic. Fuzzy propositions. Fuzzy quantifiers. Linguistic variable and hedges. Inference from conditional fuzzy propositions, the compositional rule of inference. Application in Civil, Mechanical and Industrial Engineering.

Unit-6. (Marks-10): Approximate reasoning: An overview of fuzzy expert system . Fuzzy implications and their selection. Multiconditional approximate reasoning. The role of fuzzy relation equation.

Unit-7. (Marks-10): Introduction to fuzzy control: Fuzzy controllers. Fuzzy rule base. Fuzzy inference engine. Fuzzification. Defuzzification and the various Defuzzification methods (the centre of area, the centre of maxima and the mean of maxima methods). Introduction of Fuzzy Neural Network, Autometa and Dynamical Systems.

Unit-8. (Marks-10): Decision making in Fuzzy environment: Individual decision making. Multiperson decision making. Multicriteria decision making. Multi stage decision making. Fuzzy ranking methods. Fuzzy linear programming . Application in Medicine and Economics.

Books Recommended:

1. G.J.Klir and B. Yuan: Fuzzy sets and Fuzzy Logic, Theory and Applications, Prentice Hall of India, 1995.

2. H.J.Zimmermann: Fuzzy set theory and its application, Allied Publishers Ltd. 1991.

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September) Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

SEMESTER I	
PAPER M101	Real and Lebesgue Measure
PAPER M102	Topology
PAPER M103	Algebra
PAPER M104	Differential Equation
PAPER M105	Tensors and Mechanics
SEMESTER II	
PAPER M201	Complex Analysis
PAPER M202	Functional Analysis
PAPER M203	Hydrodynamics
PAPER M204	Mathematical Methods
PAPER M205	Operation Research
SEMESTER III	
PAPER M301	Computer Programming in C (theory and Practical)
PAPER M302	Number Theory
PAPER M303	Continuum Mechanics
PAPER M304A	Algebra II
PAPER M304B	Space Dynamics
PAPER M305A	Special Theory of Relativity
PAPER M305B	Mechanical Logic
SEMESTER IV	
PAPER M401	Graph Theory
PAPER M402	Numerical Analysis
PAPER M403A	Functional Analysis II
PAPER M403B	Fluid Dynamics
PAPER M404A	Mathematical Statistics
PAPER M404B	Dynamical System
PAPER M405A	Fuzzy sets and their applications
PAPER M405B	General Theory of Relativity and Cosmology

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING (GUIDOL)

Programme Project Report (PPR)

PPR ID : GU/GUIDOL/PPR/22 (Total no. pages : 40)

Programme: MA in Nepali

1. Programme mission and objective:

The mission of the programme is to cater to the need of higher education in Nepali literature and to promote Nepali literary and cultural heritage as an expression of the cultural and ethnic diversity of the state.

Objectives of the programme are:

- to develop conceptual understanding of Nepali literature and history
- to build up among learners an ability for critical and analytical understanding of Nepali literary texts
- to enable learners to explore various dimensions of Nepali language and culture
- to enable learners for a comparative study of Nepali with literatures in other languages of the state and the country.
- to enable learners to acquire a mastery over the language for use in all communicative purposes such as reading, writing, speaking, and performing.

2. Nature and target group of learners: Our target group includes-

- (1) those who are deprived of admission in the parent Department of regular mode due to limited intake capacity.
- (2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- (3) drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- (4) job seekers.
- (5) lifelong learners

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI , external experts and teachers of GUIDOL, keeping in view the needs of the diverse class of learners.

3. Relevance of the Programme with HEI's Mission and Goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standards for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. Although the University has no separate department of Nepali as yet, studies in Nepali Literature and culture have been incorporated in the department of Modern Indian Language and Literary Studies (MIL) which has been acting as the nodal centre for Nepali literary studies. The department of MIL, established in the year 1967 has introduced in 2008 M.Phil programmes in Assamese, Oriya, Tamil and Nepali. M.A in Nepali is approved for introduction in the in the ODL mode by the Academic Council of Gauhati University following several representations received from the sizable Nepali population, a community who are part of the multi-ethnic fabric of the state and its composite culture. It may be mentioned that this course is offered by only two other Universities in India while Gauhati University is a pioneer in introducing it in the ODL mode. It is pertinent to note that learners from all over the North Eastern States and beyond have shown keen interest in this programme. Of late, Nepali as a course is being offered in some of the undergraduate colleges of the state by the University. As it would be an open course, graduates from any stream can pursue the programme.

Master of Arts (M.A.) in Nepali to be offered through ODL mode with the motto of *“quality higher education for all”*, is in sync with the HEI's mission and goals because it aims acquaint learners with the knowledge of Nepali language, literature and culture, given that Nepali is a language incorporated in the 6th schedule of the Indian Constitution. Efforts were made to design the curriculum which would help learners to gain familiarity with Nepali language and literature and enable them for comparative

literary-cultural study vis-a-vis the other languages and literatures of the country. The syllabus is designed to prepare learners to seek placements in educational institutions, research institutions and industrial sector.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-

The M.A. Programme in Nepali to be offered through ODL mode will have certain learning outcomes. The programme will help the learners:

- to gain a comprehensive knowledge of Nepali literature and language.
- to achieve an expertise in literary analysis and criticism.
- to build up necessary competence among learners required for scholarship and teaching of Nepali literature.
- to acquire mastery in Nepali language for all communicative purposes including reading, writing, performing and speaking.
- to conduct a comparative study of Nepali with other languages and literatures of the state and the country.

5. Instructional Design:

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and GUIDOL, keeping in view the needs of the diverse class of learners.
- b) **Detailed Syllabus:** File containing detailed syllabus is attached.
- c) **Duration of the Program:** Minimum 2 years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in four(4) semesters having five(5) course/paper in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (Enclosure-III). Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and term end/semester end exam.

e) Faculty:

1. Dr. Khagendra Nath Sarma, Assistant Professor , department of Modern Indian Language (MIL), Gauhati University nominated as Coordinator of the ODL programme in Nepali
2. Assistant Prof/Academic councilor in Nepali will be processed for appointed after approval and creation of post at the academic council.
3. Part time resource persons drawn from amongst teachers of affiliated colleges both within the state and the neighbouring states.

f) Media: Print Media, ICT based content, content delivered through e-learning portal.

g) Student Support Services: In order to successfully execute the programme, the ODL mode of HEI has a wide range of support services. The various support services are listed as below-

- i) **Network of Study Centres:** To assist its learner, GUIDOL has established 96 study centres throughout the state of Assam but within the territorial jurisdiction of Gauhati University.
- ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is

logged on, he will receive an alert of incoming messages. Then he can reply to the message.

- Online Study Material
- Old Examination Question Papers

iv) **Dynamic Website www.idolgu.in** : GUIDOL has its own dynamic website where one can get all the information regarding GUIDOL, its programme, up-coming events, examination result etc.

v) **Computerised admission process with provision of online admissions**: The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in.

vi) **Flexible Walk in Group Counselling (FWGC)**: Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated GUIDOL counselling room and meet their teachers to clarify their doubts.

vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

viii) **Community FM Radio**: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

- **Admission-** The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for MA in Nepali is graduate from any recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor
- **Curriculum transaction-** The curriculum shall be transacted throughout the year as per the *Activity Planner* which is enclosed as an annexure.
- **Evaluation-** Each course/module shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of the Gauhati University .

7. Library Resource: The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines related to commerce education are available.

8. Estimated cost of the Programme: total estimated cost of the programme is approximately Rs. 45 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. Quality assurance Mechanism and Expected Programme outcome:

- **Quality assurance Mechanism** :The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective

departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

- **Expected Programme outcome**: The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below-

Course Benchmark Statement: Master's degree in the Nepali shall be awarded to those learners who demonstrate:

- conceptual understanding of Nepali literature and history
- critical and analytical understanding of Nepali literary texts
- mastery over the language for use in all communicative purposes such as reading, writing, speaking, and performing
- professional competency in the relevant field

एम्.ए. नेपालीको पाठ्यक्रम
दूर तथा खुला शिक्षा अध्ययन संस्थान
गुवाहाटी विश्वविद्यालय
Syllabus for M.A. Nepali
Under IDOL, GU
(Previous)

पत्र १	: नेपाली साहित्यको इतिहास	पूर्णाङ्क १००
	भाग १ : पूर्वआधुनिक नेपाली साहित्यको इतिहास (सुरुदेखि १९९१ सम्म)	
	भाग २ : आधुनिक नेपाली साहित्यको इतिहास (१९९१ देखि यता)	
Paper I	: History of Nepali Literature	100 marks
	Block 1 : Premodern History of Nepali Literature (upto 1934)	
	Block 2 : Modern History of Nepali Literature (1934 onwards)	
पत्र २	: भाषाविज्ञान र नेपाली भाषाको अध्ययन	पूर्णाङ्क १००
	भाग १ : भाषाविज्ञानको परिचय	
	भाग २ : नेपाली भाषाको अध्ययन	
Paper II	: Linguistics and Study of Nepali language	100 marks
	Block 1 : Introduction to Linguistics	
	Block 2 : Study of Nepali Language	
पत्र ३	: नेपाली कविता	पूर्णाङ्क १००
	भाग १ : देवकोटापूर्वका नेपाली कविता	
	भाग २ : देवकोटाउत्तरका नेपाली कविता	
	भाग ३ : मोहन कोइरालाउत्तरका नेपाली कविता	
Paper III	: Nepali Poetry	100 marks
	Block 1 : Nepali poetry prior to Devkota	
	Block 2 : Nepali poetry Devkota onwards	
	Block 3 : Nepali poetry Mohan Koirala onwards	
पत्र ४	: नेपाली नाटक	पूर्णाङ्क १००
	भाग १ : समपूर्वका नेपाली नाटक	
	भाग २ : समउत्तरका नेपाली नाटक	
Paper IV	: Nepali Drama	100 marks
	Block 1 : Nepali Drama prior to Sama	
	Block 2 : Nepali Drama Sama onwards	
पत्र ५	: नेपाली आख्यान	पूर्णाङ्क १००
	भाग १ : नेपाली कथा	
	भाग २ : नेपाली उपन्यास	
Paper V	: Nepali Fiction	100 marks
	Block 1 : Short story	
	Block 2 : Novel	

पहिलो पत्र : नेपाली साहित्यको इतिहास : पूर्णाङ्क १००

(History of Nepali Literature)

भाग १ : पूर्वआधुनिक नेपाली साहित्यको इतिहास (सुरुदेखि वि.सं.१९९१ सम्म) : पूर्णाङ्क ५०

(Block 1 : Premodern History of Nepali Literature upto 1934) : Full marks 50

एकाइ १ : साहित्येतिहास र नेपाली साहित्यको इतिहासको लेखनको विकास

- (१) नेपाली साहित्य उद्भवको सामाजिक पृष्ठभूमि
- (२) नेपाली साहित्यको काल विभाजन प्रक्रिया र नामकरण

एकाइ २ : पूर्वआधुनिक नेपाली कविताको इतिहास

एकाइ ३ : पूर्वआधुनिक आख्यानोत्तर नेपाली गद्यको इतिहास

एकाइ ४ : पूर्वआधुनिक नेपाली गद्याख्यानको इतिहास

एकाइ ५ : पूर्वआधुनिक नेपाली नाटक र रङ्गमञ्चको इतिहास

भाग २ : आधुनिक नेपाली साहित्यको इतिहास (वि.सं.१९९१ देखि यता) पूर्णाङ्क ५०

(Block 2 : Modern History of Nepali Literature 1934 onwards) : Full marks 50

एकाइ १ : आधुनिक नेपाली कविताको इतिहास

एकाइ २ : भारतीय आधुनिक आख्यानोत्तर गद्यको इतिहास

- (१) निबन्ध, नियात्रा र हास्यव्यङ्ग्यको इतिहास
- (२) समालोचनाको परम्परा र विकास

एकाइ ३ : भारतीय आधुनिक नेपाली गद्याख्यानको इतिहास

- (१) भारतीय नेपाली कथाको परम्परा र विकासक्रम
- (२) भारतीय नेपाली उपन्यासको परम्परा र विकासक्रम

एकाइ ४ : भारतीय आधुनिक नेपाली नाटकको इतिहास

एकाइ ५ : आधुनिक नेपाली समालोचनाको प्रवृत्तिगत इतिहास

एकाइ ६ : नेपाली भाषा र साहित्यिक आन्दोलनहरू

- हलन्त बहिष्कार आन्दोलन, भरौवादी आन्दोलन, आयामेली आन्दोलन, रात्फाली आन्दोलन
अस्वीकृत जमात, अमलेख, लीला लेखन र कोलाज आन्दोलन

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दोस्रो पत्र : भाषाविज्ञान र नेपाली भाषाको अध्ययन

पूर्णाङ्क १००

(Linguistics and Study of Nepali Language)

भाग १ : भाषाविज्ञानको परिचय : पूर्णाङ्क ५०

(Block 1 : Introduction of Linguistics) : Full marks 50

एकाइ १ : भाषाको अर्थ र परिभाषा

- (१) परिचय
- (२) भाषाका भेदहरू
- (३) भाषा र बोलीमा भेद
- (४) भाषाविज्ञानको अर्थ
- (५) भाषाविज्ञानका प्रमुख अङ्ग
- (६) भाषाविज्ञानका गौण अङ्गहरू
- (७) भाषाविज्ञानको अध्ययनको उद्देश्य र उपयोगिता
- (८) उपसंहार

एकाइ २ : भाषाका विविध रूप

- (१) परिचय
- (२) भाषा र भाषिकाको भेद
- (३) भाषाका विविध स्वरूप
- (४) कथ्य र लेख्य भाषा
- (५) उपसंहार

एकाइ ३ : भाषाविज्ञानका शाखाहरूको परिचय

- (१) परिचय
- (२) ध्वनिविज्ञान
- (३) वर्णविज्ञान
- (४) रूपविज्ञान
- (५) वाक्यविज्ञान
- (६) अर्थविज्ञान
- (७) कोशविज्ञान
- (८) उपसंहार

एकाइ ४ : अर्थविज्ञान

- (१) परिचय
- (२) अर्थविज्ञानको परिचय
- (३) अर्थको प्रकार
- (४) भाषिक तहगत अर्थ
- (५) उपसंहार

एकाइ ५ : रूपविज्ञानको परिचय

भाग २ : नेपाली भाषाको अध्ययन

(Block 2 : Study of Nepali language)

एकाइ १ : नेपाली भाषाको परिचय

- (१) परिचय
- (२) नेपाली भाषाको स्रोत

- (३) भारोपेली परिवारका भेदोपभेद
- (४) खस अपभ्रंश र नेपाली भाषा
- (५) उपसंहार

एकाइ २ : नेपाली भाषाको उत्पत्ति र विकास

- (१) परिचय
- (२) नेपाली भाषाको उत्पत्ति
- (३) नेपाली भाषाको प्राथमिक काल
- (४) नेपाली भाषाको माध्यमिक काल
- (५) नेपाली भाषाको आधुनिक काल
- (६) उपसंहार

एकाइ ३ : नेपाली भाषाका भाषिकाहरू

- (१) परिचय
- (२) भाषा र भाषिकाको परिचय
- (३) नेपाली भाषाका भाषिकाहरू
- (४) उपसंहार

एकाइ ४ : नेपालीका ध्वनि र वर्णको परिचय

- (१) परिचय
- (२) ध्वनिको परिचय
- (३) वर्णको परिचय
- (४) ध्वनिविज्ञानको परिचय
- (५) वर्णविज्ञानको परिचय
- (६) ध्वनिविज्ञान र वर्णविज्ञानको तुलना
- (७) नेपालीका स्वर र व्यञ्जन वर्णको परिचय
- (८) उपसंहार

एकाइ ५ : संसारका भाषा परिवार र रूपतात्त्विक प्रकार

- (१) परिचय
- (२) संसारका भाषाहरूको वर्गीकरण
- (३) भाषाका रूपतात्त्विक वर्गीकरण
- (४) उपसंहार

सन्दर्भसामग्री

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तेस्रो पत्र : नेपाली कविता : पूर्णाङ्क १००
(Nepali Poetry)

नेपाली कविता भाग १ : देवकोटापूर्वका नेपाली कविता : पूर्णाङ्क ४०
(Nepali Poetry Prior to Devkota)

एकाइ १ : कविता सिद्धान्त

- (१) कविताको परिचय
- (२) कविताको परिभाषा
- (३) कविताको वर्गीकरण
- (४) कविताका संरचक घटकहरू

एकाइ २ : नेपाली कविताको विकासप्रक्रिया

- (१) प्राथमिक काल (सुरुदेखि १९४०)
- (२) माध्यमिक काल (१९४१-१९९१)
- (३) आधुनिक काल (१९९१- हालसम्म)

एकाइ ३ : सुवानन्द दास, वसन्त शर्मा लुइटेल् र भानुभक्त आचार्य

१. सुवानन्द दास
 - (१) सुवानन्द दासको परिचय
 - (२) सुवानन्द दासका काव्यप्रवृत्ति
 - (३) 'पृथ्वीनारायण' कविताको विश्लेषण
२. वसन्त शर्मा लुइटेल्
 - (१) वसन्त शर्मा लुइटेल्को परिचय
 - (२) वसन्त शर्मा लुइटेल्का काव्यप्रवृत्ति
 - (३) श्रीकृष्णचरित्र शीर्षक काव्यको विश्लेषण
३. भानुभक्त आचार्य
 - (१) भानुभक्त आचार्यको परिचय
 - (२) भानुभक्त आचार्यका काव्यप्रवृत्ति
 - (३) रामायण काव्यको विश्लेषण

एकाइ ४ : मोतीराम भट्ट

- (१) मोतीराम भट्टको परिचय
- (२) मोतीराम भट्टका काव्यप्रवृत्ति
- (३) पिकदूतको विश्लेषण

एकाइ ५ : लेखनाथ पौड्याल

- (१) लेखनाथ पौड्यालको परिचय
- (२) लेखनाथ पौड्यालका काव्यप्रवृत्ति
- (३) तरुण तपसी काव्यको विश्लेषण

नेपाली कविता भाग २ : देवकोटाउत्तरका नेपाली कविता : पूर्णाङ्क ३०

एकाइ १ : लक्ष्मीप्रसाद देवकोटा

- (१) लक्ष्मीप्रसाद देवकोटाको परिचय
- (२) लक्ष्मीप्रसाद देवकोटाका काव्यप्रवृत्ति
- (३) मुनामदन काव्यको विश्लेषण

एकाइ २ : बालकृष्ण सम

- (१) बालकृष्ण समको परिचय
- (२) बालकृष्ण समका काव्यप्रवृत्ति
- (३) आगो र पानी काव्यको विश्लेषण

एकाइ ३ : गोपालप्रसाद रिमाल र भूपि शेरचन

१. गोपालप्रसाद रिमाल

- (१) गोपालप्रसाद रिमालको परिचय
 - (२) गोपालप्रसाद रिमालका काव्यप्रवृत्ति
 - (३) 'आमाको सपना' र 'सान्त्वना' कविताको विश्लेषण
२. भूपि शेरचन
 - (१) भूपि शेरचनको परिचय
 - (२) भूपि शेरचनका काव्यप्रवृत्ति
 - (३) 'मेरो चोक' र 'हामी' कविताको विश्लेषण

एकाइ ४: तुलसी अपतन र पुष्पलाल उपाध्याय

१. तुलसी अपतन
 - (१) तुलसी अपतनको परिचय
 - (२) तुलसी अपतनका काव्यप्रवृत्ति
 - (३) कर्ण-कुन्ती काव्यको विश्लेषण
२. पुष्पलाल उपाध्याय
 - (१) पुष्पलाल उपाध्यायको परिचय
 - (२) पुष्पलाल उपाध्यायका काव्यप्रवृत्ति
 - (३) 'देशप्राण देशरत्न' र 'बिचरा !' कविताको विश्लेषण

एकाइ ५: हरिभक्त कटुवाल र अगमसिंह गिरी

१. हरिभक्त कटुवाल
 - (१) हरिभक्त कटुवालको परिचय
 - (२) हरिभक्त कटुवालका काव्यप्रवृत्ति
 - (३) 'रहर' र 'यो जिन्दगी खै के जिन्दगी' कविताको विश्लेषण
२. अगमसिंह गिरी
 - (१) अगमसिंह गिरीको परिचय
 - (२) अगमसिंह गिरीका काव्यप्रवृत्ति
 - (३) युद्ध र योद्धा काव्यको विश्लेषण

नेपाली कविता भाग ३ : मोहन कोइरालाउत्तरका नेपाली कविता : पूर्णाङ्क ३०

एकाइ १ : मोहन कोइराला

- (१) मोहन कोइरालाको परिचय
- (२) मोहन कोइरालाका काव्यप्रवृत्ति
- (३) 'घाइते युग' र 'फर्सीको जरा' कविताको विश्लेषण

एकाइ २ : वैरागी काइँला

- (१) वैरागी काइँलाको परिचय
- (२) वैरागी काइँलाका काव्यप्रवृत्ति
- (३) 'मातेको मान्छेको भाषण : मध्यरातपछिको सडकसित' र 'पर्वत' कविताको विश्लेषण

एकाइ ३ : ओकिउयामा ग्वाइन र गोपीनारायण प्रधान

१. ओकिउयामा ग्वाइन
 - (१) ओकिउयामा ग्वाइनको परिचय
 - (२) ओकिउयामा ग्वाइनका काव्यप्रवृत्ति
 - (३) 'अधूरो' र 'कोपिलाको निवेदन' कविताको विश्लेषण
२. गोपीनारायण प्रधान
 - (१) गोपीनारायणको परिचय
 - (२) गोपीनारायणका काव्यप्रवृत्ति
 - (३) 'ब्रह्मपुत्रले बोगिबिल बगायो' र 'विश्वासघात' कविताको विश्लेषण

एकाइ ४ : दुर्गाप्रसाद धिमिरे, नव सापकोटा र अविनाश श्रेष्ठ

१. दुर्गाप्रसाद घिमिरे

- (१) दुर्गाप्रसाद घिमिरेको परिचय
- (२) दुर्गाप्रसाद घिमिरेका काव्यप्रवृत्ति
- (३) 'मेरो आँगन' र 'चक्रव्यूह' कविताको विश्लेषण

२. नव सापकोटा

- (१) नव सापकोटाको परिचय
- (२) नव सापकोटाका काव्यप्रवृत्ति
- (३) 'वैशाख आउँछ' र 'मदिरा होइन मेरो पसिना' कविताको विश्लेषण

३. अविनाश श्रेष्ठ

- (१) अविनाश श्रेष्ठको परिचय
- (२) अविनाश श्रेष्ठका काव्यप्रवृत्ति
- (३) 'कुन्नि कुन अपरिचित गाउँकी नयनतारा बरुवा' र 'जङ्गल : एउटा सलिलककी' कविताको विश्लेषण

एकाइ ५ : युद्धवीर राणा, भविलाल लामिछाने र राजेन्द्र भण्डारी

१. युद्धवीर राणा

- (१) युद्धवीर राणाको परिचय
- (२) युद्धवीर राणाका काव्यप्रवृत्ति
- (३) चिहान नपाएका तक्माहरूको विश्लेषण

२. भविलाल लामिछाने

- (१) भविलाल लामिछानेको परिचय
- (२) भविलाल लामिछानेका काव्यप्रवृत्ति
- (३) 'ईश्वरको मृत्यु' र 'घामले आत्महत्या गर्छ' कविताको विश्लेषण

३. आलोक गौतम

- (१) आलोक गौतमको परिचय
- (२) आलोक गौतमका काव्यप्रवृत्ति
- (३) 'दस' र 'पचपन्न' कविताको विश्लेषण

४. राजेन्द्र भण्डारी

- (१) राजेन्द्र भण्डारीको परिचय
- (२) राजेन्द्र भण्डारीका काव्यप्रवृत्ति
- (३) 'मेरो जन्मदिन र बा' र 'शब्दहरूको पुनर्वास' कविताको विश्लेषण

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चौथो पत्र : नेपाली नाटक : पूर्णाङ्क १००
(Nepali drama) : Full marks 100

भाग १ : समपूर्वका नेपाली नाटक : पूर्णाङ्क ५०

(Block 1 Nepali drama prior to Sama) : Full marks 50

एकाइ १ : नाटकको सैद्धान्तिक परिचय

- (१) परिचय
- (२) नाटकको परिभाषा
- (३) नाटकको वर्गीकरण
- (४) नाटकका तत्त्वहरू
- (५) नाटक र अन्य विधाको तुलना

एकाइ २ : नेपाली नाटकको विकासप्रक्रिया

- (१) परिचय
- (२) नेपाली नाटकको पूर्वआधुनिक काल
- (३) नेपाली नाटकको आधुनिक काल
- (४) आधुनिक नेपाली नाटकका प्रमुख धारा, मोड र प्रवृत्ति

एकाइ ३ : एकाङ्कीको सैद्धान्तिक परिचय

- (१) परिचय
- (२) एकाङ्कीको परिभाषा
- (३) एकाङ्कीका तत्त्वहरू
- (४) नाटक र एकाङ्कीको तुलना

एकाइ ४ : नेपाली एकाङ्कीको विकासप्रक्रिया

- (१) परिचय
- (२) नेपाली एकाङ्कीको इतिहास
- (३) नेपाली एकाङ्कीका प्रमुख धारा, मोड र प्रवृत्ति

एकाइ ५ : नेपाली रङ्गमञ्चको विकासप्रक्रिया

- (१) परिचय
- (२) नेपालमा नेपाली नाटकको रङ्गमञ्चीय परम्परा
- (३) भारतमा नेपाली नाटकको रङ्गमञ्चीय परम्परा

एकाइ ६ : नाटककार मोतीराम भट्ट र पहलमानसिंह स्वाँर

१. नाटककार मोतीराम भट्ट

- (१) मोतीराम भट्टको परिचय
- (२) मोतीराम भट्टका नाट्यप्रवृत्ति
- (३) प्रियदर्शिका नाटिकाको विश्लेषण

२. नाटककार पहलमानसिंह स्वाँर

- (१) पहलमानसिंह स्वाँरको परिचय
- (२) पहलमानसिंह स्वाँरका नाट्यप्रवृत्ति
- (३) अटलबहादुर नाटकको विश्लेषण

भाग २ : समउत्तरका नेपाली नाटक : पूर्णाङ्क ५०

(Block 2 Nepali drama onward Sama) : Full marks 50

एकाइ १ : नाटककार बालकृष्ण सम

- (१) बालकृष्ण समको परिचय
- (२) बालकृष्ण समका नाट्यप्रवृत्ति
- (३) मुकुन्द इन्दिरा, प्रह्लाद र अमरसिंह नाटकको विश्लेषण

एकाइ २ : नाटककार गोपालप्रसाद रिमाल र भीमनिधि तिवारी

१. नाटककार गोपालप्रसाद रिमाल
- (१) गोपालप्रसाद रिमालको परिचय
 - (२) गोपालप्रसाद रिमालका नाट्यप्रवृत्ति
 - (३) गोपालप्रसाद रिमालको मसान नाटकको विश्लेषण
२. नाटककार भीमनिधि तिवारी
- (१) भीमनिधि तिवारीको परिचय
 - (२) भीमनिधि तिवारीका नाट्यप्रवृत्ति
 - (३) भीमनिधि तिवारीको माटोको माया नाटकको विश्लेषण
- एकाइ ३ : नाटककार विजय मल्ल र सरुभक्त
१. नाटककार विजय मल्ल
- (१) विजय मल्लको परिचय
 - (२) विजय मल्लका नाट्यप्रवृत्ति
 - (३) विजय मल्लको जिउँदो लास नाटकको विश्लेषण
२. नाटककार सरुभक्त
- (१) सरुभक्तको परिचय
 - (२) सरुभक्तका नाट्यप्रवृत्ति
 - (३) सरुभक्तको निमावीय नाटकको विश्लेषण
- एकाइ ४ : नाटककार मनबहादुर मुखिया र अविनाश श्रेष्ठ
१. नाटककार मनबहादुर मुखिया
- (१) मनबहादुर मुखियाको परिचय
 - (२) मनबहादुर मुखियाको नाट्यप्रवृत्ति
 - (३) मनबहादुर मुखियाको अनि देउराली रुन्छ नाटकको विश्लेषण
२. नाटककार अविनाश श्रेष्ठ
- (१) अविनाश श्रेष्ठको परिचय
 - (२) अविनाश श्रेष्ठका नाट्यप्रवृत्ति
 - (३) अविनाश श्रेष्ठको अश्वत्थामा हतोहतः नाटकको विश्लेषण
- एकाइ ५ : एकाङ्कीकार पुष्करशमशेर र गोविन्दबहादुर मल्ल 'गोठाले'
१. एकाङ्कीकार पुष्करशमशेर
- (१) पुष्करशमशेरको परिचय
 - (२) पुष्करशमशेरका एकाङ्कीगत प्रवृत्ति
 - (३) पुष्करशमशेरको लक्ष्यहीन एकाङ्कीको विश्लेषण
२. एकाङ्कीकार गोविन्दबहादुर मल्ल 'गोठाले'
- (१) गोविन्दबहादुर मल्ल 'गोठाले'को परिचय
 - (२) गोविन्दबहादुर मल्ल 'गोठाले'का एकाङ्कीगत प्रवृत्ति
 - (३) गोविन्दबहादुर मल्ल 'गोठाले'को म कसरी हाछु ? एकाङ्कीको विश्लेषण
- एकाइ ६ : एकाङ्कीकार रामलाल अधिकारी र शेरमान थापा
१. एकाङ्कीकार रामलाल अधिकारी
- (१) रामलाल अधिकारीको परिचय
 - (२) रामलाल अधिकारीका एकाङ्कीगत प्रवृत्ति
 - (३) रामलाल अधिकारीको म भात खान्नै ! एकाङ्कीको विश्लेषण
२. एकाङ्कीकार शेरमान थापा
- (१) शेरमान थापाको परिचय
 - (२) शेरमान थापाका एकाङ्कीगत प्रवृत्ति
 - (३) शेरमान थापाको आगो ज्वाला र भिल्काहरू एकाङ्कीको विश्लेषण

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पाँचौं पत्र : नेपाली गद्याख्यान : पूर्णाङ्क १००
(Nepali Fiction) : Full marks 100

भाग १ : नेपाली कथा : पूर्णाङ्क ५०

(Block 1 : Nepali Short Story) : Full marks 50

एकाइ १ : कथाको सैद्धान्तिक परिचय

- (१) कथाको परिचय
- (२) कथाको परिभाषा
- (३) कथाको वर्गीकरण
- (४) कथाका तत्त्वहरू
- (५) कथा र उपन्यासको तुलना

एकाइ २ : नेपाली कथाको विकासप्रक्रिया

- (१) परिचय
- (२) नेपाली कथाको प्राथमिक काल
- (२) नेपाली कथाको माध्यमिक काल
- (३) नेपाली कथाको आधुनिक काल
- (४) आधुनिक नेपाली कथाका प्रमुख धारा, मोड र प्रवृत्ति

एकाइ ३ : सन् १९५० पूर्वका नेपाली कथाको अध्ययन (गुरुप्रसाद मैनाली र अन्य कथाकारहरू)

१. गुरुप्रसाद मैनाली

- (१) गुरुप्रसाद मैनालीको परिचय
- (२) गुरुप्रसाद मैनालीका कथागत प्रवृत्ति
- (३) परालको आगो कथाको विश्लेषण

२. विश्वेश्वरप्रसाद कोइराला

- (१) विश्वेश्वरप्रसाद कोइरालाको परिचय
- (२) विश्वेश्वरप्रसाद कोइरालाका कथागत प्रवृत्ति
- (३) शत्रु कथाको विश्लेषण

३. रूपनारायण सिंह

- (१) रूपनारायण सिंहको परिचय
- (२) रूपनारायण सिंहका कथागत प्रवृत्ति
- (३) बितेका कुरा कथाको विश्लेषण

४. शिवकुमार राई

- (१) शिवकुमार राईको परिचय
- (२) शिवकुमार राईका कथागत प्रवृत्ति
- (३) माछाको मोल कथाको विश्लेषण

५. हरिप्रसाद 'गोर्खा' राई

- (१) हरिप्रसाद 'गोर्खा' राईको परिचय
- (२) हरिप्रसाद 'गोर्खा' राईका कथागत प्रवृत्ति
- (३) गोर्खाको मोडल कथाको विश्लेषण

६. रमेश विकल

- (१) रमेश विकलको परिचय
- (२) रमेश विकलका कथागत प्रवृत्ति
- (३) लाहुरी भैंसी कथाको विश्लेषण

एकाइ ४ : सन् १९५०-६५ सम्मका नेपाली कथाको अध्ययन (लीलबहादुर क्षेत्री र अन्य कथाकारहरू)

१. लीलबहादुर क्षेत्री

- (१) लीलबहादुर छेत्रीको परिचय
- (२) लीलबहादुर छेत्रीका कथागत प्रवृत्ति
- (३) मुगाको चोलो कथाको विश्लेषण
- २. समीरण छेत्री 'प्रियदर्शी'
- (१) समीरण छेत्री 'प्रियदर्शी'को परिचय
- (२) समीरण छेत्री 'प्रियदर्शी'का कथागत प्रवृत्ति
- (३) धनबहादुरको लौरो कथाको विश्लेषण
- ३. इन्द्रबहादुर राई
- (१) इन्द्रबहादुर राईको परिचय
- (२) इन्द्रबहादुर राईका कथागत प्रवृत्ति
- (३) जयमाया आफूमात्र लिखापानी आइपुगी कथाको विश्लेषण
- ४. चन्द्रकला नेवार
- (१) चन्द्रकला नेवारको परिचय
- (२) चन्द्रकला नेवारका कथागत प्रवृत्ति
- (३) सावित्री कथाको विश्लेषण
- ५. सानु लामा
- (१) सानु लामाको परिचय
- (२) सानु लामाका कथागत प्रवृत्ति
- (३) मृगतृष्णा कथाको विश्लेषण
- ६. गीता केशरी
- (१) गीता केशरीको परिचय
- (२) गीता केशरीका कथागत प्रवृत्ति
- (३) अठोट कथाको विश्लेषण

एकाइ ५ : सन् १९६५-८० सम्मका नेपाली कथाको अध्ययन (अर्जुन निरौला र अन्य कथाकारहरू)

- १. अर्जुन निरौला
- (१) अर्जुन निरौलाको परिचय
- (२) अर्जुन निरौलाका कथागत प्रवृत्ति
- (३) एउटा रात बितेपछि कथाको विश्लेषण
- २. पूर्ण राई
- (१) पूर्ण राईको परिचय
- (२) पूर्ण राईका कथागत प्रवृत्ति
- (३) जय-विजय कथाको विश्लेषण
- ३. सनत रेग्मी
- (१) सनत रेग्मीको परिचय
- (२) सनत रेग्मीका कथागत प्रवृत्ति
- (३) नातासम्बन्ध कथाको विश्लेषण
- ४. शरद् छेत्री
- (१) शरद् छेत्रीको परिचय
- (२) शरद् छेत्रीका कथागत प्रवृत्ति
- (३) अभिशप्त अन्तराल कथाको विश्लेषण
- ५. माया ठकुरी
- (१) माया ठकुरीको परिचय
- (२) माया ठकुरीका कथागत प्रवृत्ति
- (३) युद्ध कथाको विश्लेषण
- ६. गुप्त प्रधान
- (१) गुप्त प्रधानको परिचय

(२) गुप्त प्रधानका कथागत प्रवृत्ति
(३) कञ्चनजङ्घा कथाको विश्लेषण
एकाइ ६ : सन् १९८० पछिका नेपाली कथाको अध्ययन (डम्बर दाहाल र अन्य कथाकारहरू)

१. डम्बर दाहाल

- (१) डम्बर दाहालको परिचय
(२) डम्बर दाहालका कथागत प्रवृत्ति
(३) यसरी दुखीको दिन गुञ्जन्छ कथाको विश्लेषण

२. खड्गबहादुर कौशिक

- (१) खड्गबहादुर कौशिकको परिचय
(२) खड्गबहादुर कौशिकका कथागत प्रवृत्ति
(३) रिमालनी घाट कथाको विश्लेषण

३. राजुबाबु श्रेष्ठ

- (१) राजुबाबु श्रेष्ठको परिचय
(२) राजुबाबु श्रेष्ठका कथागत प्रवृत्ति
(३) गृहयुद्धको घाउ कथाको विश्लेषण

४. खडकराज गिरी

- (१) खडकराज गिरीको परिचय
(२) खडक राज गिरीका कथागत प्रवृत्ति
(३) शून्यविकल्प कथाको विश्लेषण

५. इल्या भट्टराई

- (१) इल्या भट्टराईको परिचय
(२) इल्या भट्टराईका कथागत प्रवृत्ति
(३) सुनामी कथाको विश्लेषण

६. शान्ति थापा

- (१) शान्ति थापाको परिचय
(२) शान्ति थापाका कथागत प्रवृत्ति
(३) आवर्तन कथाको विश्लेषण

७. जीतबहादुर सुनार

- (१) जीतबहादुर सुनारको परिचय
(२) जीतबहादुर सुनारका कथागत प्रवृत्ति
(३) प्रजाम्बी कथाको विश्लेषण

भाग २ : नेपाली उपन्यास : पूर्णाङ्क ५०
(Block 1 : Nepali Novel) : Full marks 50

एकाइ १ : उपन्यासको सैद्धान्तिक परिचय

- (१) परिचय
(२) उपन्यासको परिभाषा
(३) उपन्यासको वर्गीकरण
(४) उपन्यासका तत्त्वहरू

एकाइ २ : नेपाली उपन्यासको विकासप्रक्रिया

- (१) परिचय
(२) नेपाली उपन्यासको पूर्वआधुनिक काल
(३) नेपाली उपन्यासको आधुनिक काल
(४) आधुनिक नेपाली उपन्यासका प्रमुख धारा, मोड र प्रवृत्ति

एकाइ ३ : लैनसिंह बाडदेल, विजय मल्ल र विश्वेश्वरप्रसाद कोइराला

१. उपन्यासकार लैनसिंह बाडदेल

- (१) लैनसिंह बाडदेलको परिचय
- (२) लैनसिंह बाडदेलका औपन्यासिक प्रवृत्ति
- (३) लड्गडाको साथी उपन्यासको विश्लेषण

२. उपन्यासकार विजय मल्ल

- (१) विजय मल्लको परिचय
- (२) विजय मल्लका औपन्यासिक प्रवृत्ति
- (३) अनुराधा उपन्यासको विश्लेषण

३. उपन्यासकार विश्वेश्वरप्रसाद कोइराला

- (१) विश्वेश्वरप्रसाद कोइरालाको परिचय
- (२) विश्वेश्वरप्रसाद कोइरालाका औपन्यासिक प्रवृत्ति
- (३) तीन घुम्ती उपन्यासको विश्लेषण

एकाइ ४ : लीलबहादुर छेत्री, इन्द्रबहादुर राई र पारिजात

१. उपन्यासकार लीलबहादुर छेत्री

- (१) लीलबहादुर छेत्रीको परिचय
- (२) लीलबहादुर छेत्रीका औपन्यासिक प्रवृत्ति
- (३) ब्रह्मपुत्रको छेउछाउ उपन्यासको विश्लेषण

२. उपन्यासकार इन्द्रबहादुर राई

- (१) इन्द्रबहादुर राईको परिचय
- (२) इन्द्रबहादुर राईका औपन्यासिक प्रवृत्ति
- (३) आज रमिता छ उपन्यासको विश्लेषण

३. उपन्यासकार पारिजात

- (१) पारिजातको परिचय
- (२) पारिजातका औपन्यासिक प्रवृत्ति
- (३) पर्खालभित्र पर्खालबाहिर उपन्यासको विश्लेषण

एकाइ ५ : विक्रमवीर थापा, भीम दाहाल र लोकनाथ उपाध्याय चापागाई

१. उपन्यासकार विक्रमवीर थापा

- (१) विक्रमवीर थापाको परिचय
- (२) विक्रमवीर थापाका औपन्यासिक प्रवृत्ति
- (३) विगतको परिवेशभित्र उपन्यासको विश्लेषण

२. उपन्यासकार भीम दाहाल

- (१) भीम दाहालको परिचय
- (२) भीम दाहालका औपन्यासिक प्रवृत्ति
- (३) द्रोह उपन्यासको विश्लेषण

३. उपन्यासकार लोकनाथ उपाध्याय चापागाई

- (१) लोकनाथ उपाध्याय चापागाईको परिचय
- (२) लोकनाथ उपाध्याय चापागाईका औपन्यासिक प्रवृत्ति
- (३) आँधी उपन्यासको विश्लेषण

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- कोइराला, विश्वेश्वरप्रसाद, तीन घुम्ती, ललितपुर : साभ्ना प्रकाशन, २०५५ ।
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 छेत्री, लीलबहादुर, ब्रह्मपुत्रको छेउछाउ, दार्जिलिङ : श्याम प्रकाशन, सन् १९८६ ।
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बराल, ईश्वर, सम्पा., झ्यालबाट, काठमाडौं : साभा प्रकाशन, २०४३ ।

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एम्.ए. नेपालीको पाठ्यक्रम
दूर तथा खुला शिक्षा अध्ययन संस्थान
गुवाहाटी विश्वविद्यालय
Syllabus for M.A. Nepali
Under IDOL, GU
(Final Year)

पत्र ६	: नेपाली आख्यानेतर गद्य भाग १ : देवकोटापूर्वका नेपाली आख्यानेतर गद्य भाग २ : देवकोटाउत्तरका नेपाली आख्यानेतर गद्य	पूर्णाङ्क १००
Paper VI	: Nepali Non fiction Block 1 : Nepali Non Fiction Prior to Devkota Block 2 : Nepali Non Fiction Devkota onwards	100 marks
पत्र ७	: नेपाली संस्कृति र लोकसाहित्य १०० भाग १ : नेपाली संस्कृति भाग २ : लोकसाहित्य	
Paper VII	: Nepali Culture and Folk Literature 100 marks Block 1 : Nepali Culture Block 2 : Folk Literature	
पत्र ८	: साहित्य सिद्धान्त र समालोचना भाग १ : पूर्वीय साहित्य सिद्धान्त भाग २ : पाश्चात्य साहित्य सिद्धान्त र समालोचना	पूर्णाङ्क १००
Paper VIII	: Literary Theory and Criticism Block 1 : Eastern Literary Theory Block 2 : Western Literary Theory and Criticism	100 marks
पत्र ९	: संस्कृत साहित्य र युरोपेली साहित्यको सर्वेक्षण भाग १ : संस्कृत साहित्यको सर्वेक्षण भाग २ : युरोपेली साहित्यको सर्वेक्षण	पूर्णाङ्क १००
Paper IX	: Survey of Sanskrit and European Literature Block 1 : Survey of Sanskrit Literature Block 2 : Survey of European Literature	100 marks
पत्र १०	: तुलनात्मक भारतीय साहित्य र असमिया साहित्यको अध्ययन भाग १ : तुलनात्मक भारतीय साहित्यको अध्ययन भाग २ : असमिया साहित्यको अध्ययन	पूर्णाङ्क १००
Paper X	: Comparative Study of Indian and Assamese Literature 100 marks Block 1 : Comparative Study of Indian Literature. Block 2 : Comparative Study of Assamese Literature.	

छैटौँ पत्र : नेपाली आख्यानेतर गद्य : पूर्णाङ्क १००
(Nepali Non fiction)

भाग १ : देवकोटापूर्वका नेपाली नेपाली आख्यानेतर गद्य : पूर्णाङ्क ५०

(Block 1 : Nepali Non fiction Prior to Devkota) : Full Marks 50

- एकाइ १ : निबन्धको सैद्धान्तिक स्वरूप : निबन्धको परिचय, परिभाषा र स्वरूप, वर्गीकरण, संरचक घटक, निबन्ध र प्रबन्ध, हास्यव्यङ्ग्य निबन्ध र यात्रानिबन्ध
- एकाइ २ : नेपाली निबन्धको विकासप्रक्रिया : नेपाली निबन्धको प्राथमिक, माध्यमिक र आधुनिक काल, आधुनिक कालका प्रमुख धारा र प्रवृत्ति
- एकाइ ३ : पृथ्वीनारायण शाहको दिव्योपदेश : परिचय र विश्लेषण
- एकाइ ४ : जङ्गबहादुरको बेलाइत यात्रा : परिचय र विश्लेषण
- एकाइ ५ : राममणि आ.दी. र शम्भुप्रसाद ढुङ्गेल : परिचय, प्रवृत्ति तथा क्रमशः 'कविता रीति' र 'महेन्द्रमल्ली' को विश्लेषण
- एकाइ ६ : मणिसिंह गुरुङ र गङ्गाप्रसाद प्रधान : परिचय, प्रवृत्ति तथा क्रमशः 'सच्चरित्रता नै उन्नतिको मूल हो' र 'स्कूल जीवन' को विश्लेषण
- एकाइ ७ : सूर्यविक्रम ज्ञवाली र पारसमणि प्रधान : परिचय, प्रवृत्ति तथा क्रमशः 'रसमय नेपाली जीवन' र 'नेपाली हाम्रो मातृभाषा' को विश्लेषण

भाग २ : देवकोटाउत्तरका नेपाली नेपाली आख्यानेतर गद्य : पूर्णाङ्क ५०

(Block 2 : Nepali Non fiction Devkota Onwards) Full Marks 50

- एकाइ १ : लक्ष्मीप्रसाद देवकोटा र शङ्कर लामिछाने : परिचय, प्रवृत्ति तथा क्रमशः 'पहाडी जीवन' र 'औपन्यासिक पात्र जीवनको पृष्ठभूमिमा' निबन्धको विश्लेषण
- एकाइ २ : कमल दीक्षित र रामलाल अधिकारी : परिचय, प्रवृत्ति तथा क्रमशः 'पारसमणि मार्का' र 'मेरो सिद्धान्तविहीन सिद्धान्त' निबन्धको विश्लेषण
- एकाइ ३ : कृष्णप्रसाद ज्ञवाली र चन्द्रकुमार शर्मा : परिचय, प्रवृत्ति तथा क्रमशः 'वसन्त बेला' र 'मेरा बारीका भातेकरेला' निबन्धको विश्लेषण
- एकाइ ४ : तारापति उपाध्याय र चोकबहादुर थापा : परिचय, प्रवृत्ति तथा क्रमशः 'स्वतन्त्रता सेनानी स्व.छविीलाल उपाध्याय' र 'हाम्रो हृदयको स्पन्दन गुवाहाटीको राधाकृष्ण मन्दिर' निबन्धको विश्लेषण
- एकाइ ५ : हास्यव्यङ्ग्य निबन्धकार अञ्जना राई 'रसिक' र केशवराज पिंडाली : परिचय, प्रवृत्ति तथा क्रमशः 'भुँडी' र 'खै-खै' निबन्धको विश्लेषण
- एकाइ ६ : हास्यव्यङ्ग्य निबन्धकार भैरव अर्याल र नरेन्द्रराज पौडेल : परिचय, प्रवृत्ति तथा क्रमशः 'जय भुँडी' र 'भुन्टी बज्यैको अग्रिका यात्रा' निबन्धको विश्लेषण
- एकाइ ७ : नियान्त्राकार डा.तारानाथ शर्मा र डा.खगेन्द्रप्रसाद लुइटेल् : परिचय, प्रवृत्ति तथा क्रमशः 'बैकिनीका आँसुमा डुब्छ बयलपाटा' र 'बार वर्षपछि हनिमुन' नियान्त्राको विश्लेषण
- एकाइ ८ : नियान्त्राकार घनश्याम राजकर्णिकार र प्रतीक ढकाल : परिचय, प्रवृत्ति तथा क्रमशः 'नालन्दा प्रसिद्ध बौद्ध शिक्षा केन्द्र' र 'ग्रेटवालमा उभिँदा' नियान्त्राको विश्लेषण
- एकाइ ९ : नियान्त्राकार जयनारायण लुइटेल् र गीता उपाध्याय : परिचय, प्रवृत्ति तथा क्रमशः 'अटलान्टिक सिटी-तारेको आलु र जुवा' र 'मेरो लन्डन भ्रमण' नियान्त्राको विश्लेषण

पाठ्यपुस्तक

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(Nepali Culture and Folk Literature) : Full marks 100

भाग १ : नेपाली संस्कृति : पूर्णाङ्क ५०
(Block 1 : Nepali Culture) : Full Marks 50

- एकाइ १ : संस्कृतिको सैद्धान्तिक परिचय
एकाइ २ : संस्कृति र सभ्यताका विशेषता
एकाइ ३ : नेपाली संस्कृतिको पृष्ठभूमि र परम्परा
एकाइ ४ : नेपाली चाडपर्व
एकाइ ५ : नेपालीको सांस्कृतिक पहिचान
एकाइ ६ : संस्कारको परिचय

भाग २ : लोकसाहित्य : पूर्णाङ्क ५०
(Block 2 : Folk Literature) : Full marks 50

- एकाइ १ : लोकसाहित्यको सैद्धान्तिक स्वरूप : लोकसाहित्यको परिचय, परिभाषा, स्वरूप र विशेषता
एकाइ २ : लोकवार्ताको सैद्धान्तिक स्वरूप : लोकवार्ताको परिचय, परिभाषा, स्वरूप, प्रकार र ज्ञानका अन्य शाखासँग सम्बन्ध
एकाइ ३ : लोकसाहित्य र सिर्जित साहित्य : लोकसाहित्य र सिर्जित साहित्यको सम्बन्ध, लोकसाहित्य र सिर्जित साहित्यको तुलना
एकाइ ४ : लोकसाहित्यको विधागत वर्गीकरण : लोकसाहित्यको विधा वर्गीकरणका आधार र प्रकार
एकाइ ५ : लोकसाहित्यको अध्ययन पद्धति
एकाइ ६ : लोकगीतको सैद्धान्तिक स्वरूप लोकगीतको परिचय, परिभाषा, स्वरूप, तत्त्व, विशेषता र वर्गीकरण
एकाइ ७ : लोककथाको सैद्धान्तिक स्वरूप : लोककथाको परिचय, परिभाषा, स्वरूप, तत्त्व, विशेषता, वर्गीकरण, लोककथा र आधुनिक कथा
एकाइ ८ : गाउँखाने कथाको सैद्धान्तिक स्वरूप : गाउँखाने कथाको परिचय, परिभाषा, स्वरूप र विशेषता
एकाइ ९ : उखान र टुक्काको सैद्धान्तिक स्वरूप : उखान र टुक्काको परिचय, परिभाषा, स्वरूप, विशेषता

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आठौं पत्र : साहित्य सिद्धान्त र समालोचना : पूर्णाङ्क १००
(Literary Theory and Criticism) : Full Marks 100

भाग १ : पूर्वीय साहित्य सिद्धान्त : पूर्णाङ्क ५०
(Block 1 : Eastern Literary Theory) : Full Marks 50

- एकाइ १ : काव्य परिभाषा : काव्यको परिचय र परिभाषा
एकाइ २ : काव्य हेतु र प्रयोजन : परिचय र प्रकार
एकाइ ३ : शब्दशक्ति : परिचय र प्रकार
एकाइ ४ : रस सम्प्रदाय : परिचय, परिभाषा, रससूत्रको व्याख्या, रस अवयवको चिनारी, रसनिष्पत्तिसम्बन्धी मान्यता, नवरसको चिनारी
एकाइ ५ : अलङ्कार सम्प्रदाय : परिचय, परिभाषा, वर्गीकरण, मूलभूत मान्यता
एकाइ ६ : रीति सम्प्रदाय : परिचय, परिभाषा, वर्गीकरण, मूलभूत मान्यता, रीति र अलङ्कारको सम्बन्ध, रीति र गुणको सम्बन्ध, गुणका प्रकार
एकाइ ७ : ध्वनि सम्प्रदाय : परिचय, परिभाषा, वर्गीकरण, ध्वनि सिद्धान्तको स्थापना
एकाइ ८ : वक्रोक्ति सम्प्रदाय : परिचय, परिभाषा, वर्गीकरण, प्रमुख मान्यता

भाग २ : पाश्चात्य साहित्य सिद्धान्त र समालोचना : पूर्णाङ्क ५०
(Block 1 : Western Literary Theory and Criticism) : Full Marks 50

- एकाइ १ : एरिस्टोटलको अनुकरण सिद्धान्त : परिचय, पृष्ठभूमि र अनुकरण सिद्धान्त
एकाइ २ : कलरिजको कल्पना सिद्धान्त : परिचय, कल्पना सिद्धान्तसम्बन्धी दृष्टिकोण
एकाइ ३ : रिचर्डसको मूल्य सिद्धान्त : परिचय, रिचर्डसको काव्यकलासम्बन्धी दृष्टिकोण र मूल्य सिद्धान्त
एकाइ ४ : समाजपरक समालोचना : परिचय, विकासक्रम, मार्क्सवादी साहित्यिक मान्यता, प्रगतिवादी समालोचना, मार्क्सवादी र गैरमार्क्सवादी साहित्य चिन्तन, मूलभूत मान्यता
एकाइ ५ : मनोविज्ञानपरक समालोचना : परिचय, फ्रायड, एडलर र युङ्गको मनोवैज्ञानिक सिद्धान्त
एकाइ ६ : संरचनावादी समालोचना : परिचय, विकासक्रम, सैद्धान्तिक स्वरूप, संरचनावादी समालोचनाका आधारभूत मान्यता
एकाइ ७ : नारीवादी समालोचना : परिचय, नारीमुक्ति आन्दोलन र साहित्य चिन्तनको सूत्रपात, नारीवादी साहित्य र समालोचनाको विकास, नारीवादी समालोचनाका प्रमुख मान्यता
एकाइ ८ : शास्त्रीयतावाद/परिष्कारवाद : परिचय, आधारभूत मान्यता
एकाइ ९ : स्वच्छन्दतावाद : परिचय, आधारभूत मान्यता, स्वच्छन्दतावाद र परिष्कारवादको तुलना
एकाइ १० : यथार्थवाद : परिचय, प्रकार, आधारभूत मान्यता
एकाइ ११ : उत्तरआधुनिकतावाद : परिचय, विकासक्रम, आधुनिकता र उत्तरआधुनिकताको तुलना, उत्तरआधुनिकताका परिचायक अभिलक्षण

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 वाग्भट, **वाग्भटालङ्कारः**, टीका., सिंह, सत्यव्रत, वाराणसी : चौखम्बा विद्याभवन, २०१४।
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नवौं पत्र : संस्कृत साहित्य र युरोपेली साहित्यको सर्वेक्षण : पूर्णाङ्क १००
(Survey of Sanskrit and European Literature) : Full marks 100

भाग १ : संस्कृत साहित्यको सर्वेक्षण : पूर्णाङ्क ५०
(Block 1 : Survey of Sanskrit Literature) : Full Marks 50

- एकाइ १ : संस्कृत साहित्यको ऐतिहासिक विकासप्रक्रिया
एकाइ २ : संस्कृत उपजीव्य काव्यको अध्ययन
एकाइ ३ : संस्कृतका प्रमुख कवि र तिनका काव्यकृतिको परिचय
एकाइ ४ : संस्कृतका प्रमुख नाटककार र तिनका नाटकको परिचय
एकाइ ५ : संस्कृतका प्रमुख आचार्य र तिनका कृतिको परिचय

भाग २ : युरोपेली साहित्यको सर्वेक्षण : पूर्णाङ्क ५०
(Block 2 : Survey of European Literature) : Full Marks 50

- एकाइ १ : ग्रीसेली साहित्यको सर्वेक्षण
एकाइ २ : जर्मनेली साहित्यको सर्वेक्षण
एकाइ ३ : अङ्ग्रेजी साहित्यको सर्वेक्षण
एकाइ ४ : फ्रान्सेली साहित्यको सर्वेक्षण
एकाइ ५ : रसियाली साहित्यको सर्वेक्षण

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दसौं पत्र : तुलनात्मक भारतीय साहित्य र असमिया साहित्यको अध्ययन : पूर्णाङ्क १००
(Comperative Study of Indian Literature and Assamese Literature) : Full marks 100

भाग १ : तुलनात्मक भारतीय साहित्यको अध्ययन : पूर्णाङ्क ५०
(Block 1 : Study of Comperative Indian Literature) : Full marks 50

- एकाइ १ : तुलनात्मक साहित्यको पृष्ठभूमि र विकास
एकाइ २ : तुलनात्मक साहित्यको सम्प्रदाय र अध्ययन पद्धति

- एकाइ ३ : तुलनात्मक साहित्यका समस्याहरू
 एकाइ ४ : तुलनात्मक अध्ययनमा अनुवादको प्रासङ्गिकता
 एकाइ ५ : नेपाली र हिन्दी उपन्यासको तुलनात्मक अध्ययन
 एकाइ ६ : नेपाली र हिन्दी उपन्यासहरूमा चित्रित सांस्कृतिक स्वरूपको तुलनात्मक अध्ययन

भाग २ : असमिया साहित्यको अध्ययन : पूर्णाङ्क ५०
(Block 2 : Study of Assamese Literature) : Full marks 50

- एकाइ १ : शङ्करपूर्व युगको असमिया साहित्य (सुरुदेखि १४९० सम्म)
 एकाइ २ : शङ्कर युगको असमिया साहित्य (सन् १४९० देखि १७०० सम्म)
 एकाइ ३ : शङ्करोत्तर युगको असमिया साहित्य (सन् १७०० देखि १८३० सम्म)
 एकाइ ४ : आधुनिक असमिया साहित्य (सन् १८३० देखि हालसम्म)

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स्वअध्ययन सामग्री, असमिया साहित्यर बुरन्जी, पहिलो पत्र, खण्ड ४, गुवाहाटी : दूर तथा खुला शिक्षा अध्ययन
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Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September) Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

Semester	Paper No	Paper Name
I	1.1	Nepali Poetry till Medieval period
	1.2	Modern Nepali Poetry
	1.3	Nepali Story
	1.4	Nepali Novel
II	2.1	History of Nepali Literature
	2.2	Nepali drama and theatre
	2.3	Applied Linguistics
	2.4	Nepali fiction
III	3.1	Study of Nepali Language
	3.2	Indian Nepali Literature
	3.3	Comparative Literature and survey of world literature
	3.4	Nepali criticism
IV	4.1	Eastern Literary theory
	4.2	Western Literary Theory
	4.3	Nepali folklore and Culture
	4.4	Survey of Assamese literature

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING (GUIDOL)

Programme Project Report(PPR)

PPR ID : GU/GUIDOL/PPR/08 (Total no. pages : 26)

Programme: M.A. in Philosophy

1. Programme Mission and Objective:

The mission of the programme is to '*popularize the profound thoughts of great philosophers and to develop critical and analytical attitude among the students.*'

Objective of the Programme:

- *To popularize and give due importance to the profound thoughts of great philosophers and to develop critical and analytical attitude among the learner.*
- *To help learners to gain a broader perspective of Indian philosophy along with the thought of Western philosophy as comparative religion.*
- *To augment understanding of the current social realities entrenched in philosophical roots.*
- *To help in personal development of human being and enhance the problem-solving capacities of a learner.*
- *To generate competent and well-educated man-power for the teaching profession as well as manning positions of research associates in academic institutions*

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Philosophy, Gauhati University was established in the year 1948 and since its inception it has ceaselessly continued in its endeavour to popularize and give due importance to the profound thoughts of great philosophers and to develop critical and analytical attitude among the students. It has pledged for excellence by providing wider exposure through broad study area coverage and superior environment for learning Philosophy. The Department aims at academic excellence and promotes higher education


স্বাক্ষরিত
গোপালী বিশ্ববিদ্যালয়, গুৱাহাটী
Registrar
Gauhati University, Guwahati.

and research as a way forward in understanding the various aspects of philosophy of past in relation to the present. The department prides itself on experienced and quality faculty. It has a proven track record of its former students contributing to society and human thought development at national and international level. The course offered aims to augment understanding of the current social realities entrenched in philosophical roots. The main thrust area of the study and research are Analytical Philosophy, Philosophy of Religion and Indian Philosophy.

With the aim of imparting higher education to the large number of graduates who are deprived of the opportunity to seek higher education leading to Post Graduate degree and facilitating exposure to different approaches to the study of philosophy, this programme shall be introduced in the ODL mode under the auspices of the Institute of Distance and Open Learning, Gauhati University, keeping in view the motto of “*Quality Higher Education For All*”.

3. Nature and Target Group of Learners: Our target group includes-

- 1) Those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- 2) Those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- 3) Drop outs primarily due to social, financial and economic compulsions as well as demographic factors.
- 4) Job seekers.
- 5) Lifelong learners.

Gauhati University also has a provision in the ODL mode for *Lateral Entry* for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the *Lateral Entry* provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI, external experts and teachers of IDOL, keeping in view the needs of the diverse class of learners.

4. **Appropriateness of the programme to be conducted in the ODL mode for acquiring Specific skills and competence-**

M.A. in Philosophy programme to be offered in ODL mode is as relevant as that offered in the regular mode. This programme will help the learners

- To gain a broader perspective of Indian philosophy along with the thought of Western philosophy .
- To augment understanding of the current social realities entrenched in philosophical roots.
- To think critically and to aid in decision making.

5. **Instructional Design:**

a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and GUIDOL, keeping in view the needs of the diverse group of learners.

b) **Detailed Syllabus:** File containing detailed syllabus is attached.

c) **Duration of the Program:** Minimum 2 years. However, the learners are required to complete the course within 4 (four) years from the date of admission.

d) **Instructional Delivery Mechanism:** The programme will be delivered in four (4) semesters having four (4) courses/papers in each semester. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (Enclosure-III). Counseling classes will be held in the headquarter and various affiliated study centers. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.

e) **Faculty:**

1. Dr. Shakuntala Bora, Associate Professor, Department of Philosophy, Gauhati University nominated as Programme Coordinator of the ODL programme in Philosophy
2. Assistant Professor/Academic Counselor in Philosophy is advertised and to be recruited soon.

3. Part time resource persons drawn from amongst teachers of affiliated colleges, researchers and faculty staff of the Department of HEI.
- f) **Media:** Print Media, ICT based content, content delivered through e-learning portal.
- g) **Student Support Service:** In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-
- i) **Network of Study Centers:** To assist its learner, IDOL has established 96 study centers throughout the State of Assam and within the territorial jurisdiction of Gauhati University.
- ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:
- Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
 - Online Study Material
 - Old Examination Question Papers
- iv) **Dynamic Website** www.idolgu.in : IDOL has its own dynamic website where one can get all the information regarding IDOL, its programme, up-coming events, examination result etc.
- v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the IDOL (headquarter) complex as well as in the parent department during all

working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.

vii) **PERSONAL CONTACT PROGRAMME (PCP):** In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcast radio talks on various courses. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

- **Admission-** The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for M.A. in Philosophy program is graduates from any recognized Indian or Foreign university in any discipline irrespective of subject pursued. The proposed fee for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance (Scholarship) is provided to the candidates belonging to SC/ST and OBC categories. A few learners belonging to the economically deprived section as well as the physically challenged category are provided free admission on the approval of the Honourable Vice Chancellor, Gauhati University.
- **Curriculum transaction-**The curriculum shall be transacted throughout the year as per the *Activity Planner* which is enclosed as an annexure.
- **Evaluation-** Each course/module shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of the Gauhati University.

7. **Library Resource:** The University has a state-of-the-art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines related to commerce education are available.
8. **Estimated cost of the Programme:** Total estimated cost of the programme is approximately Rs. 40 Lakhs which includes preparation and printing of SLMs, remuneration of the resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.
9. **Quality assurance Mechanism and Expected Programme outcome:**
- **Quality assurance Mechanism** :The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the programme through *CIQA* and other statutory bodies.
 - **Expected Programme outcome:** The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below:

Course Benchmark Statement: Master's degree in the Philosophy shall be awarded to those learners who demonstrate:

 - *understanding of the current social realities entrenched in philosophical roots.*
 - *the profound thoughts of great philosophers and develop critical and analytical attitude .*
 - professional competency in the relevant field.

**Post Graduate Syllabus
Philosophy
(Semester System)
Gauhati University IDOL**

Semester-I

- Course 101: Theory of Knowledge- Indian
- Course 102: Theory of Knowledge- Western
- Course 103: Logic- I
- Course 104: Phenomenology and Existentialism

Semester-II

- Course 201: Theory of Reality-Indian
- Course 202: Theory of Reality-Western
- Course 203: Analytic Philosophy
- Course 204: Comparative Religion

Semester-III

- Course 301: Meta-Ethics
- Course 302: Logic-II
- Course 303: Philosophy of Religion
- Course 304: Descartes

Semester-IV

- Course 401: Vedanta philosophy
- Course 402: Philosophy of Gandhi
- Course 403: Philosophy of Mind
- Course 404: Logical Reasoning

Course 101. Theory of Knowledge- Indian

Unit-I: Prama and Aprama

Classification of Jnana
Prama and Aprama
Debate on Memory

Unit-II: Pramana. A

Pratyaksa: Kinds (Laukika, Alaukika) and Stages (Savikalpaka, Nirvikalpaka, Pratyabhijna)
Anumana: Constituents and grounds of inference, Classification (Psychological, Causal, Logical)
Sabda: Scriptural and Secular

Unit-III: Pramana. B

Upamana, Arthapatti, Anupalabdhi
Svatahpramanyavada
Paratahpramanyavada

Unit-IV: Khyativada

Anythakhyati or Viparitakhyati,
Satkhyati, Akhyati,
Atmakhyati, Anirvacaniyakhyati

Books Recommended:

Chatterjee, S.C.: *Nyaya Theory of Knowledge*
Datta, D.M.: *Six Ways of Knowing*
Cowell E.B. & Gough, A.E.: *The Sarvadarsanasamgraha or Review of Different Systems of Hindu Philosophy*, by Madhvacarya, Motilal Benarsidass
Devaraja, N.K.: *Advaita Theory of Knowledge*
Kar, V.: *Indian Theories of Error*

Books of Reference:

Dasgupta, S.N.: *History of Indian Philosophy*
Annambhatta: *Tarkasamgraha* translated by G. N. Bhattacharya
Motilal, B.K.: *Epistemology, Logic and Grammar in Indian Philosophy*

Course 102. Theory of Knowledge – Western

Unit I: Knowledge and Belief

Types of Knowledge; Relation of knowledge and belief
JTB Account of Knowledge (Plato, Ayer, Chisholm)
Gettier Problem and Responses

Unit II: Scepticism

Philosophical Scepticism and its Possibility
Rationalism as a Reply to Scepticism
Empiricism as a Reply to Scepticism

Unit III: Truth

Meaning and Criteria of Truth
Classical Theories of Truth (Correspondence, Coherence, Pragmatic)
Recent Accounts of Truth (Ramsey, Tarski, Austin, Strawson)

Unit IV: Epistemic Justification

Foundationalism: Basic Beliefs, Arguments For and Against Foundationalism
Coherentism: Entailment Coherentism, Explanatory Coherentism and Probability Coherentism, Argument against Coherentism
Reliabilism: Reliable and Unreliable Belief-forming, Objection to Reliabilism

Books Recommended:

Ayer, A.J.: *Problems of Knowledge*, Penguin Books, Print 1984
BonJour, L. and Sosa, E.: *Epistemic Justification: Internalism vs. Externalism, Foundations vs. Virtues*, Malden: Wiley-Blackwell, 2003.
Chisholm, R.: *Theory of Knowledge*, Englewood Cliffs: Prentice Hall, 1966
Chisholm, R.: "A Version of Foundationalism," in *The Foundations of Knowing*, ed. R. Chisholm, Minneapolis: University of Minnesota Press, 1982.
Griffith, A.P. (ed): *Analytic Philosophy*, Oxford University Press, London, Print 1976
Hamlyn, D.W.: *The Theory of Knowledge*, Macmillan, 1970
James, W.: *Pragmatism*, New York, 1907
Lehrer K. *Knowledge*, Oxford: Clarendon Oxford Press, 1974.
Lemos.N.: *An Introduction to the Theory of Knowledge*, Cambridge Press.
Pitcher, G.: *Truth*, Prentice Hall, 1964
Ramsey, F.P.: "Facts and Proposition", *Processing Aristotle Society Supp.* Vol.1927
Tarski, A.: "The Semantic Conception of Truth", *Philosophy and Phenomenological Research*, Vol. IV, 1943-44
Woozley, A.D.: *Theory of Knowledge*, B.I. Publication, Delhi, Print 1982

Books of Reference:

Chakravarty, D.K.: *Fundamental questions of Epistemology and Metaphysics*, Osmons Publication, New Delhi, 2000
Sarkar, T.K.: *Knowledge, Belief and Justification*

Course 103. Logic-I

Unit-I: Truth-Function

Logical Connectives and Truth tables
Valid and Invalid Arguments
Truth Trees

Unit-II: Set

Set, Set Membership, Null Set
Operation on Sets
Symbolization of Everyday Sentences by Set Notations

Unit-III: Ven-Diagram

Ven-Diagrammatic Representation of Propositions and Arguments
Idea of Existential Import
Testing Validity by Ven-diagram

Unit-IV: Boolean Logic

Boolean Expansion
Boolean Algebra of Classes
Rules of Inference

Recommended Books:

Basson and O'Connor: *Introduction to Symbolic Logic*
Jeffery, R.: *Formal Logic its Scope and Limits*
Suppes, P.: *Introduction to Symbolic Logic*

Books of Reference:

Ambrose and Lazerowitz: *Fundamentals of Symbolic Logic*
Copi, I.M.: *Introduction to Symbolic Logic*

Course 104. Phenomenology and Existentialism

Unit- I: Husserl

Structure of Intentionality
Phenomenological Reduction
Life-World

Unit-II: Heidegger

Being and being
Dasein; being-in-the-world
Care; Temporality

Unit-III: Sartre

Being-for-itself, Being-in-itself, Being-for-others;
Nothingness and Existence
Freedom and Bad Faith

Unit-IV: Merleau Ponty

Primacy of Perception
Limits of Phenomenological Reduction
Philosophy of Body

Books Recommended:

Husserl, E.: *Ideas: A General Introduction to Pure Phenomenology*, translated by W.R.Boyce Gibson, George Allen and Unwin Ltd. London, 1931.
Heidegger, M.: *Being and Time*, trans. J. Macquarrie and E. Robinson, Basil Blackwell, Oxford, 1978.
Merleau-Ponty, M.: *The Phenomenology of Perception*, trans. C. Smith.
Sartre, J.P.: *Being and Nothingness*, trans. H. Barness, New York: Philosophical Library, 1956.

Books of Reference :

Dreyfus, H.L.: *Being-in-the-world A Commentary on Heidegger's Being and Time*, Division I, Cambridge, MA: MIT Press, 1991.
Kochelmas, J.J. (ed): *A Companion to Martin Heidegger's Being and Time*, Washington, DC. Catholic University of America Press, 1994.
Moran, D.: *Introduction to Phenomenology*, London, Routledge, 2000
Bhardra, M.K.: *A Critical Survey of Phenomenology and Existentialism*, ICPR, New Delhi, 1990.
Smith, D.W.: 'Phenomenology' In the *Stanford Encyclopedia of Philosophy*, Winter 2003 edition, Edward N.Zalta, ed. URL= [http:// plato](http://plato)
Thoibisana. A.: *Philosophy of Edmund Husserl*, Regency Publication, New Delhi 2016.
Zahavi, D.: *Husserl's Phenomenology*, Stanford, California: Stanford University Press 2003

Course 201 Theory of Reality- Indian

Unit-I: Atman and Brahman

Brahman and God- Sankara, Ramanuja,
Argument for existence for God- Nyaya-Vaisesika
Self- Sankara, Ramanuja, Samkhya, Bauddha

Unit-II: World

World- Advaita; Visistadvaita
Prakriti, Gunas, Evolution- Samkhya
Categories- Vaisesika; Jaina

Unit-III: Causality

Satkaryavada
Asatkaryavada
Pratityasamutpada

Unit-III: Universals

Nyaya-Vaisesika
Advaita
Bauddha

Books Recommended:

Cowell E.B. & Gough, A.E.: *The Sarvadarsanasamgraha or Review of Different Systems of Hindu Philosophy*, by Madhvacarya, Motilal Banarsidass
Dravid, R.R.: *The Problem of Universals in Indian Philosophy*, Motilal Banarsidass
Larson, G.J.: *Classical Samkhya*, Motilal Banarsidass
Nikhilananda, Swami: *Vedanta-Sara*, by Sadananda, Advaita Asrama
Phillips, S.H.: *Classical Indian Metaphysics*, Motilal Banarsidass
Radhakrishnan, S.: *Indian Philosophy*, Vol.I & II, Oxford University Press
Shah, N.: *Jainism, The World of Conquerors*, Vol.II, Motilal Banarsidass
Sinha, J.: *Indian Philosophy*, Vol. I & II, Motilal Banarsidass, New Delhi
Sinha, J.: *Indian Realism*, Motilal Banarsidass
Smart, N.: *Doctrine and Argument in Indian Philosophy*,

Books of Reference:

Frauwallner, E.: *History of Indian Philosophy*, Motilal Banarsidass
Hiriyanna, M.: *Outlines of Indian Philosophy*, Motilal Banarsidass
Potter, K.H.: *Encyclopedia of Indian Philosophy*, Motilal Banarsidass
Sharma, C.D.: *A Critical Survey of Indian Philosophy*, Motilal Banarsidass
Dasgupta, S.N.: *A History of Indian Philosophy*, Motilal Banarsidass

Course 202. Theory of Reality- Western

Unit I: Realism

Plato: Theory of Forms

Aristotle: Criticism of Plato's Theory of Forms

Aristotle: Theory of form

Unit II: Idealism

Berkeley: Subjective Idealism

Kant: Transcendental Idealism

Hegel & Bradley: Absolute Idealism

Unit III: Substance

Descartes: God, Mind and Body

Spinoza: Substance, Attributes and Modes

Leibniz: Monadology, Theory of Pre-Established Harmony

Causality

Hume: Theory of Constant Conjunction

Mill: Universal Law of Causation

Reichenbach: Causation and Probability

Books Recommended:

Aristotle: *Metaphysics*, Penguin, Revised Edition 1998

Bradley, F.H.: *Appearance and Reality*, Nabu Press, 2014

Descartes, R.: *Meditations*, Cambridge University Press, Edition 2016

Hegel, G.W.F.: *Phenomenology of Spirit*, OUP USA, Revised Edition, 1979

Hume, D.: *Treatise of Human Nature*, CreateSpace Independent Publishing Platform, 2015

Hume, D.: *Enquiry Concerning Human Understanding*, OUP UK, Edition 2008

Kant, I.: *Critique of Pure Reason*, Dover Publications Inc., Edition 2004

Leibniz, G.W.: *Monadology*, Rarebooksclub.com, 2012

Mill, J.S.: *A System of Logic, Ratiocinative and Inductive*, Nabu Press, 2010

Plato: *Republic*, Penguin, Edition 2007

Reichnebach, H.: *Experience and Prediction*, 1938

Reichnebach, H.: *The Theory of Probability*, 1949

Reichnebach, H.: *The Rise of Scientific Philosophy*, 2002

Spinoza, B.: *Ethics*, Penguin, 1996

Books for Reference:

Copleston, F.C.: *History of Philosophy*, Continuum International Publishing Group Ltd., 2003

Edward, P. & Floridi, L (ed): *Routledge Encyclopedia of Philosophy*, Taylor & Francis, 1998

Hamlyn, D.W.: *Metaphysics*, Cambridge University Press; 1st Edition, 1984

Poidevin, R., Simons, P., McGonigal, A., Cameron, R.P. (ed): *The Routledge Companion To Metaphysics*

Sosa, E, Tooley, M. (ed): *Causation*, Oxford university Press, 1993

Walsh, W.H.: *Metaphysics*, Hutchinson, 1963

Course 203. Analytic Philosophy

Unit –I: Moore and Russell

Moore: Defence of Commonsense

Russell': Logical Atomism

Russell: Theory Description

Unit-II: Wittgenstein

Picture Theory, Fact

Concept of Philosophy

Language Games

Unit- III: Ryle and Austin

Ryle: Knowing That and Knowing How; Disposition and Occurrences

Austin: Performative/ Constatative

Austin: Speech Act Theory

Unit-IV: Quine and Strawson

Two Dogmas of Empiricism

P.F. Strawson's Concept of Person

Freedom and Resentment (Strawson)

Books recommended:

Ammerman, R.R. (ed): *Classics of Analytic Philosophy*

Austin, J.L.: *How to Do Things with Words*

Gross, B.R.: *Analytic Philosophy*

Kenny, A.: *Wittgenstein*

Moore, G.E.: 'Defence of Common Sense'

Quine, W.V.O.: 'Two Dogmas of Empiricism'

Russell, B.: *Logical Atomism*

Russell, B.: 'On Denoting'

Ryle, G.: *Concept of Mind*

Schlipp, P.A.: *The Philosophy of G.E. Moore*

Searle, J.R.: *Philosophy of Language*

Strawson, P.F.: *Individuals*

Stroll, A.: *Twentieth Century Analytic Philosophy*, Motilal Banarsidass

Urmson, J.O.: *Philosophical Analysis*

Books of Reference:

Banu, B.B.: *Gilbert Ryle: Philosophy of Mind*, Royal Book Publisher, New Delhi

Goswami, S.: *Persons*

Lenka, L.: *Quine's Philosophy*, Northern Book Centre

Pradhan, R.C.: *Recent Developments in Analytic Philosophy*

Course 204. Comparative Religion

Unit-I: Hinduism

Varnashrama Dharma and Purusarthas,
Law of Karma and Liberation
Bhakti – Ramanuja and Sankaradeva

Unit-II: Islam

Role of Muhammad
Five Pillars of Islam
Islamic Ethics

Unit-III: Christianity

Original Sin, Atonement and Redemption
Role of Jesus Christ
Christian Ethics

Unit-IV: Buddhism and Jainism

Bauddha- Law of Karma
Bauddha- Morality
Jaina- Triratna, Mahavratas

Books Recommended:

Bouquet, A.C.: *Comparative Religion*
Chatterjee, P.B.: *Studies in Comparative Philosophy*
James: *Comparative Religion*
Zachner, R.C.: *Comparative Religion*
Eliade, M.: *Comparative Religion*

Books of Reference:

Radhakrishnan, S.: *Eastern Religion and Western Thought*
Zachner, R.C.: *Concord and Discord*
Wach, J.: *Comparative Study of Religion*
Hastings (ed): *Encyclopaedia of Living Faith* (Relevant Articles)

Course 301. Meta-Ethics

Unit-I: Cognitivism

Cognitivism and Moral Realism

Ethical Naturalism and Descriptivism

Ethical non-naturalism- G.E. Moore's Indefinability of good

Unit- II: Non-Cognitivism

Ayer: Emotivism

Stevenson: Emotivism

Hare: Prescriptivism

Unit- III: Substantial Theory

Moral Universalism

Moral Relativism

Moral Absolutism

Unit- IV: Is-Ought Problem

Is-Ought Controversy

Hume's view and its Interpretations

Question of Derivability of 'Ought' from 'Is'

Books Recommended:

Ayer, A.J.: *Language, Truth and Logic*

Hudson, W.T.: *Introduction to Modern Moral Philosophy*

Hudson, W.T.: *Is-Ought Question*

Moore, G.E.: *Principia Ethica*

Stevenson, C.L.: *Ethics and Language*

Hare, R.M.: *Language of Morals*

Hume, D.: *Treatise of Human Nature*

Edward, P.: *Encyclopedia of Philosophy*

Chakravarty, D.K.: *Problems of Analytic Ethics*

Course 302. Logic-II

Unit-I: History of the Development of Logic

Aristotelian logic

Development of Symbolic Logic: Leibniz, De Morgan, Boole,

Development of Symbolic Logic: Frege, Russell, Whitehead

Unit-II: Argument and Argument Form

Concepts of Argument and Argument Form

Truth and Validity, Justification and Implication

Formal Proofs of Validity

Unit-III: Quantification

Singular and General Propositions

Quantifier- Universal and Existential

Arguments involving quantifier

Unit-IV: Logic of Relations

Symbolizing Relations

Arguments involving Relations

Attributes of Relation

Books Recommended:

Bochenski, I.M.: *Ancient Formal Logic*, North Holland Publishing Company, Amsterdam

Chakraborti, C.: *Logic: Informal, Symbolic and Inductive*, PHI, New Delhi, 2009

Copi, I.M.: *Symbolic Logic*

Dumitriu: *History of Logic*, Vol.I, translated by Z. Duiliu and others, Abacus Press, England, 1977

Kneale, W and Kneale, M: *The Development of Symbolic Logic*, Oxford University Press, London, 1968

Lukasiewicz, J.: *Aristotle's Syllogistic*, Oxford at the Clarendon Press

Course 303. Philosophy of Religion

Unit-I: Religious Concepts

Faith and Revelation
Idea of the Holy
Soul and Immortality

Unit-II: Challenges to Religious Belief

Problem of Evil
Logical Positivism
Marxist Criticism of Religion

Unit- III: Arguments for Existence of God

Ontological
Cosmological
Teleological; Moral

Unit- IV: Theories of Religion

Deism
Monotheism
Pantheism

Recommended Books:

Edward, M.: *An Introduction to Philosophy of Religion*
Hick, J.: *Classical and Contemporary Readings in the Philosophy of Religion*
Lotze: *Philosophy of Religion*
Mitchell: *Philosophy of Religion*
Otto, R.: *The Idea of the Holy*

Books of Reference:

Galloway: *The Philosophy of Religion*
Hastings (ed): *Encyclopaedia of Religion and Ethics* (Relevant Articles)
Hick, J.: *The Evil and the God of Love*
Sarma, S.: *Religious Philosophy of Rudolf Otto*
Smart: *Religion and Faith*
Tilich, P.: *Systematic Theology*

Course 304. Descartes

Unit-I: Cartesian Method

Methodological Scepticism
Intuition and Deduction
Criticism of Cartesian Method

Unit-II: Cogito Ergo Sum –Interpretations

A.J. Ayer
B.Williams
Hintikka

Unit-III: Substance

Cartesian Concept of Substance- Primary and Secondary
Ontological argument
Criticism: Plantinga

Unit-IV: Mind-Body Dualism

Cartesian Interactionism
Critical Evaluation: Ryle
Critical Evaluation: Searle

Books Recommended:

Ayer, A.J.: *Problem of Philosophy*.
Descartes. R.: *Discourse on Method*, Oxford World's Classics,2009.
Descartes. R.: *Meditations on First Philosophy*, Oxford World's Classics, 2008.
Dimitriu: *History of Logic*, Vol.I, translated by Z. Duiliu and others, Abacus Press, England
Hintikka. J.: 'Cogito, Ergo Sum: Inference or Performance', *The Philosophical Review*, Vol 71., No.1. Jan.1962 pp. 3-32.retrived from <http://www.jstor.org/stable.2183678> doc:1
Malcolm. N.: 'Dreaming and Skepticism', *The Philosophical Review*, Vol.65. No. 1 Jan. 1956, pp.14-37.
Plantinga, A.: *Faith and Rationality: Reason and Belief in God*, University of Notre Dame Press, 1983.
Ryle, G.: *The Concept o Mind*, University of Chicago Press, 2000.
Searle, J. R.: *Mind: A Brief Introduction*, Oxford and New York, Oxford University Press, 2004
William, B.: *Descartes: The Project of Pure Inquiry*, Penguin, 1978.

Books of Reference :

Cottingham.J.: *The Cambridge Companion to Descartes*, Cambridge University Press,1992.
Doney.W. (ed): *Descartes: A Collection of Critical Essays*, Macmillan, 1967.
Smith N.K.: *Descartes' Philosophical Writings*, Macmillan, 1952.

Course 401. Vedanta

Unit-I: Advaita Vedanta (Sankara)

Brahman and Atman
Maya and Avidya
Liberation

Unit-II: Visistadvaita (Ramanuja)

Brahman/Isvara, Cit, Acit
Arguments against Maya
Liberation

Unit-III: Bhedabheda (Bhaskara) and Dvaitadvaita (Nimbarka)

Bhedabheda: Brahman, God, Modification of Brahman into world, Self
Bhedabheda: Criticism of Sankara and Bauddha
Dvaitadvaita: Brahman, Jiva, Acit

Unit-IV: Dvaita (Madhva) and Suddhadvaita (Vallabha)

Dvaita: Visesa, Reality of Difference, Categories
Dvaita: Brahman/God, Prakṛti, Jiva
Suddhadvaita: Brahman, World, Jiva, Divine Grace

Recommended Books:

Balasubramaniam, R.: *The Traditions of Advaita*, Munshiram Manoharlal
Mahadevan, T.M.P.: *Invitation to Indian Philosophy*,
Mahadevan, T.M.P.: *The Philosophy of Advaita*, Bharatiya Kala Prakashan
Mrudula, I.M.: *The Philosophy of Vallabhacarya*, Munshiram Manoharlal Publishers Pvt Ltd
Nikhilananda, Swami: *Vedanta-Sara*, by Sadananda Yogindra, Advaita Asrama
Radhakrishnan, S.: *Indian Philosophy*, Vol.II, Oxford India
Sinha, J.: *Indian Philosophy*, Vol. II, III, Motilal Banarsidass
Srnivasachari, P.N.: *The Philosophy of Bhedabheda*, Nabu Press
Srnivasachari, P.N.: *The Philosophy of Visistadvaita*, Orient Book Distribution
Srinivasacari, S.M.: *Advaita and Visistadvaita*, Motilal Benarsidass
Tapasyananda, Swami.: *Bhakti Schools of Vedanta*, Ishi Press International
Thibault, G.: *Vedantasutras with Commentaries of Sankara and Ramanuja*

Books for Reference:

Cowell E.B. & Gough, A.E.: *The Sarvadarsanasamgraha* or Review of Different Systems of Hindu Philosophy, by Madhvacarya, Motilal Benarsidass
Potter, K.H.: *Encyclopedia of Indian Phiosophy*, Motilala Benarsidass
Radhakrishnan, S.: *Brahmasutra*, George Allen and Unwin, London

Course 402. Philosophy of Gandhi

Unit-I: Religion and Morality

Gandhi's Concept of Religion,
God, Truth, Non-Violence
Morality, Ends and Means

Unit-II: Political Philosophy

Swaraj, Satyagraha, Non-cooperation,
Gandhi's Concept of Democracy
World Peace

Unit-III: Economic Philosophy

Concept of Equality, Bread labour
Decentralisation, Cottage and Small-Scale Industry, Khadi, Critique of Industrialization
Trusteeship

Unit-IV: Social Philosophy

Sarvodaya and Swadeshi
Critique of Untouchability
Concept of Education

Books Recommended:

Bose N.K.: *Selections from Gandhi*
Gandhi: *Collected Works* (Relevant Articles)
Gandhi: *Hind Swaraj* (Textual Study)
Patil.V.T (ed): *Studies on Gandhi*

Books for Reference:

Barua, M.: *Religion and Gandhian Philosophy*
Bihar B.: *Gandhi's Economic philosophy.*
Gandhi M.K.: *My Religion*
Ganguly B.N.: *Gandhi's Social Philosophy*
Kher V.B (ed): *In Search of the Supreme, Vol. I, II and III.*
Mashrula K.G.: *Gandhi and Marx*
Parekh Bhikhu.: *Gandhi's Political Philosophy*
Singh R.: *Relevance of Gandhi's Philosophy*

Course 403. Philosophy of Mind

Unit-I: Personal Identity

Problem of Personal Identity, Criteria, Puzzle Cases
Physicalistic Theories of Personal Identity
Psychological Theories Personal Identity

Unit-II: Problem of Other Minds

Problem: Epistemological, Conceptual
Argument from Analogy
Critique of Argument from Analogy by Wittgenstein and Strawson

Unit-III: Externalism and Internalism

Externalism: Hilary Putnam
Internalism: Jerry Fodor
Internalism: Brian Loar and David Chalmers

Unit-IV: Qualia

Arguments for Existence of Qualia
Critics of Qualia
Proponents of Qualia

Books Recommended:

Vassey, G.: *Personal Identity*
Williams, B.: *Problems of the Self*
Hamlyn, D.W.: *Theory of Knowledge*
Gustafson: *Essays in Philosophical Psychology*
Fesser, E.: *Philosophy of Mind*
Cooney, B.: *The Place of Mind*

Books of Reference:

Chisholm, R.M.: *Person and Object*
Martin, R. and Barresi, J. (ed): *Personal Identity*, Oxford Blackwell, 2003
McGinn, C.: *The Character of Mind*, Oxford University Press, 1996
Searle, J.R.: *Mind- A Brief Introduction*, Oxford University Press, 2004
Shakuntala: *Enquiry into Nature of Self*, Jijnasa Publication, Guwahati

Course 404. Logical Reasoning

Unit-I: Introduction to Logic

Introduction to Logic and Reasoning

Reasoning in Everyday Life; Working out Exercises

Laws of Thought: Identity, Contradiction and excluded Middle

Unit-II: Informal Logic

Arguments: Characteristics and Structure

Concepts of Validity and Truth

Deduction and Induction, Formal and Informal Arguments

Unit-III: Fallacies

Fallacies in Informal Logic

Fallacies in Deductive Logic

Fallacies in Inductive Logic

Unit-IV: Symbolic Logic

Propositional Logic- Simple and Compound Statements,

Truth-Function

Truth Table

Books Recommended:

Chakraborty, C.: *Logic, Informal, Symbolic and Inductive*

Copi, I.M.: *Introduction to Symbolic Logic*

Copi, and Cohen.: *Introduction to Logic*

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III

SLM covering syllabus

Semester	Paper No	Paper Name
I	101	Theory of Knowledge- Indian
	102	Theory of Knowledge- Western
	103	Logic-I
	104	Phenomenology and Existentialism
II	201	Theory of Reality- Indian
	202	Theory of Reality- Western
	203	Analytic Philosophy
	204	Comparative Religion
III	301	Meta-Ethics
	302	Logic-II
	303	Philosophy of Religion
	304	Descartes
IV	401	Vedanta Philosophy
	402	Philosophy of Gandhi
	403	Philosophy of Mind
	404	Logical Reasoning

**GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING**

Programme Project Report

PPR ID : GU/GUIDOL/PPR/05 (Total no. pages : 19)

Programme: Master of Arts in Political Science

1. Programme mission and objective:

The mission of the Programme to be launched is "to communicate the knowledge of *Political Science* as an academic discipline among diverse groups and to meet the demand of higher education in this field by reaching the unreached."

Objectives of the Programme:

- *To apply the knowledge of Political Science to serve the needs and problems of the society, particularly of the North East India*
- *To develop new knowledge in the field of Political Science through scholastic inquiry*
- *To prepare the learners for active citizenship and informed participation in a complex society*
- *To enable the learners to think about politics and through this, to develop their conceptual and verbal skills*
- *To foster critical independent thinking about political and public life in the present context*
- *To generate competent and well-educated man-power for the teaching profession, administration as well as manning positions of research associates in public/private sector academic institutions.*

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as

to become an effective instrument of change in the society. With this aim in view, the department of Political Science was established in the year 1958 and is regarded as the pioneer of teaching and research in Political Science in the North-eastern region. The department has produced over the years a large number of alumni who have made their mark in various fields of public life including higher education, administration, politics and social work. The vision of the department is to set up a symbiotic relationship and a vibrant network with institutions of higher learning and research, to achieve higher academic excellence and to strengthen its societal interface while anchoring firmly to the issues, needs and aspirations of the people of the North East.

In alignment with the aims and objective of the parent department, the M.A. Programme in Political Science to be offered through Gauhati University Institute of Distance and Open Learning (GUIDOL) aims to provide quality higher education in Political Science to those aspiring candidates who are deprived of higher education. Moreover, to keep the quality intact the curriculum and syllabus is designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode.

3. Nature and target group of learners: Our target group includes-

- 1) those deprived of admission in the parent department of regular mode due to limited intake capacity.
- 2) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder.
- 3) drop outs primarily due to social, financial and economic compulsions as well as demographic factors.
- 4) job seekers.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is

designed by a committee comprising of experts from the department of the HEI, external experts and teachers of IDOL, keeping in view the needs of the diverse class of learners.

4. **Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-** The M.A. programme in Political Science to be offered through ODL Mode will have certain learning outcomes. This programme will help the learners:

- to enhance and develop knowledge and understanding of the theoretical and practical foundations of Political Science as a subject.
- to accumulate the skills necessary to apply Political Science in appropriate job setting
- to understand the various emerging environmental issues, international affairs, state policies and conflicts both domestic and international
- to identify value conflicts in public issues

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and IDOL, keeping in view the needs of the diverse group of learners.
- b) **Detailed Syllabus:** File containing detailed syllabus is attached.
- c) **Duration of the Program:** Minimum 2 (two) years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in four(4) semesters having four(4) course/paper in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counseling classes will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end examinations.

e) Faculty:

1. Dr. Barnalee Choudhury, M. A, Ph.D - - Co-ordinator cum Asstt. Professor, GUIDOL (full time)
2. Dr. Chayanika Sarma, M. A, Ph.D - Asstt. Professor, GUIDOL (full time)
3. Ms. Jonaki Dutta, M. A - Asstt. Professor, GUIDOL (full time)
4. Resource persons from amongst faculties of HEI and affiliated colleges.

f) Media: Print Media, ICT enabled tools and e-Learning Portal

g) Student Support Service: In order to successfully execute the programme, a wide range of support services are provided to the ODL learners. The various support services are listed as below-

- i) Network of Study Centres: To assist its learner IDOL has established 96 study centres (List Enclosed) throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- ii) **State of the art Library** with around 7000 collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North East region of India which provides the following services to the students:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is

logged on, he/she will receive an alert of incoming messages. Then he/she can reply to the message.

- Online Study Material
- Old Examination Question Papers

- iv) **Dynamic Website www.idolgu.in** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, up-coming events, examination results etc.
- v) **Computerised admission process with provision of online admissions**: The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. It can be accessed through www.idolgu.in .
- vi) **Flexible Walk in Group Counselling (FWGC)**: Regular group and individual counselling will be held in the IDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio**: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process starts from August and ends by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for M.A. programme in Political Science is graduates from any recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is/ shall be provided to the candidates belonging to SC/ST and OBC categories in the form of scholarship. A few learners belonging to the economically deprived section as well as the physically challenged category shall be/ are provided free ship on the recommendation of the Hon'ble Vice-Chancellor.

* **Curriculum transaction- Activity Planner:**

* **Evaluation-** Each course/paper shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper, a candidate must secure minimum 35% marks in each course/paper. All examinations are conducted by the Controller of Examinations as per examination rules and regulations of Gauhati University.

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 40 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering

the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. **Quality assurance Mechanism and Expected Programme outcome** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below-

Course Benchmark Statement: Master's degree in Political Science shall be awarded to those learners who demonstrate:

- The understanding of the theoretical and practical foundation of Political Science
- Skills necessary to apply Political Science in appropriate job setting
- Awareness regarding various contemporary issues such as, peace, environment, international affairs, state policies and domestic as well as international conflicts
- The ability to identify value conflicts in public issues

Syllabus

Political Science



**Institute of Distance and Open Learning
GAUHATI UNIVERSITY**

**Syllabus for MA in Political Science
Institute of Distance and Open Learning
Gauhati University**

**Total no of Papers: 16 (All Compulsory)
Total credits : 120**

First Semester:

Paper I	Political Theory (I)	8
Paper II	International Politics: Theoretical Aspects	6
Paper III	Politics in India (I)	8
Paper IV	Public Administration: Theories and Concepts	8

Second Semester:

Paper V	Political Theory: II	8
Paper VI	International Relations in The Contemporary Period	8
Paper VII	Politics in India –II	8
Paper VIII	Indian Administration	6

Third Semester:

Paper IX	Comparative Politics	6
Paper X	Rural Development in India	8
Paper XI	Political Sociology	8
Paper XII	Government and Politics in North East India	8

Fourth Semester:

Paper XII	Research Methods in Social Science	8
Paper XIV	Human Security in South-Asia	6
Paper XV	Comparative Public Administration	8
Paper XVI	Human Rights in India	8

First Semester

PAPER I POLITICAL THEORY (I)

This paper will introduce you to the ideas of Western and Indian Political Thinkers. The first block of this paper will introduce the students to the Greek Political Thinkers like Plato and Aristotle. The second block will help the students to explore the ideas of Medieval Thinkers, like St. Augustine, St. Thomas Aquinas and the ideas of Machiavelli as a modern thinker. The third block of this paper will familiarize the students with the ideas of emergence of states with reference to the writings of Hobbes, Locke and Rousseau. The block also helps the students to understand two most important ideologies like Individualism and Liberalism. The fourth block discusses the ideas of Utilitarianism and Idealism. This block will introduce the students with the philosophy of Bentham, Mill and Hegel in the light of Utilitarian and Idealist philosophy. The last block of this paper discusses Indian Political Traditions which will help the students to explore the ideas of modern Indian political thinkers, like Gandhi, Nehru and Ambedkar. Hence this paper will introduce the students with the Political philosophy from classical to modern period.

Block I: Greek Political Tradition

Unit I: Plato

Unit II: Aristotle

Block II: Reaction To Medieval Tradition- The Renaissance: Political

Theory of Niccolo Machiavelli

Unit I: Medieval Tradition

Unit II: Machiavelli

Block III : Individualism and Liberalism

Unit I: Thomas Hobbes

Unit II: John Locke

Unit III: Rousseau

Block IV: Utilitarianism and Idealism

Unit I: Jeremy Bentham

Unit II: J S Mill

Unit III: Idealism: Hegel

Block V: Modern Indian Political Thinkers

Unit I: Philosophical Foundations of Gandhian Political Thought

Unit II: Nehru: Nation-Building and Democracy

Unit III: Ambedkar on Caste and Social Justice

Paper II: 6 credits

INTERNATIONAL POLITICS: THEORETICAL ASPECTS

This paper is an attempt to introduce the students with different approaches to the study of International Politics and some important ideologies which are regarded as the foundation of a nation in the international arena. The first block of this paper will help the students to understand International Politics as a field of study along with different approaches and theories to the study of International Politics. In the second block of this paper an attempt is made to introduce the students with two most important elements of International Politics i.e. power and ideology. These two phenomena help a nation to achieve their desired goals in the international arena and all international events are revolved around these two. The third block of this paper discusses the meaning and role of Foreign Policy and Diplomacy in International Politics. In the last block an attempt is made to explain the process used by the world community to bring peace and prosperity. Since the Second World War efforts have been made to establish a stable world order. In this block an attempt is made to explain Disarmament and Arms control as a tool of reducing tensions among the nations. Thus this paper will introduce the students with the concept of International Politics.

Block I: Approaches to International Politics

Unit I: Introduction to International Politics

Unit II: International Politics: Approaches and Theories

Block II: Power and Ideology in International Politics

Unit I: Power in International Politics
Unit II: Ideology in International Politics

Block III: Foreign Policy and Diplomacy

Unit I: Foreign Policy
Unit II: Diplomacy

Block IV: Disarmament and Arms control

Unit I: Disarmament and Arms Control
Unit II: Regimes of Arms Control

Paper III: 8 credits

POLITICS IN INDIA (I)

This paper will introduce the students with the dynamics of Indian Political System. In this paper an attempt is made to explain the present Indian Political System as a legacy of colonial period. This paper also helps the students to understand the legal structure of Indian federation along with the Rule of Law, Fundamental Rights, role of Judiciary, extra-constitutional provisions, All India Services and the limitation of the state power. The paper also deals with Socio-Economic Foundation and Ideological Bases of the Indian state, which discusses the role of Class, Caste and Gender in Indian Politics. In this paper an attempt is made to introduce the students with the federal structure of India and its related problems in terms of distribution of powers between Centre and the State Governments. This paper also provides you the basic idea of Parliamentary Democratic system of India along with its functioning. Thus, this paper will help the students to explore the ideas of Indian Political System since the colonial period.

Block: I Nature of Indian State

Unit I: Legacy of Colonialism and Freedom Movement
Unit II: Constitutional Framework of the Indian State
Unit III: Socio-economic Foundation and Ideological Bases of the Indian State

Block : II Nature and Functioning of Indian Federalism

Unit I: Federal Structure and its Dynamics
Unit II: Center-State Relations
Unit III: Centralization Vs. Decentralization

Block: III Parliamentary Democracy in India

Unit II: Issues of Accountability in India's Parliamentary Democracy
Unit III: Indian Parliament: Rajya Sabha and Lok Sabha and Legislative Procedure in India

Paper IV: 8 credits

PUBLIC ADMINISTRATION: THEORIES AND CONCEPTS

This paper will introduce the students with the theories and concepts of Public Administration. This paper will help the students to understand the meaning of Public Administration. The first block of this paper deals with the meaning, nature and significance of Public Administration along with the evolution of Public Administration as a field of study. The second block of this paper will help the students to explore the nature and evolution of Public Administration in the light of different theories, like Scientific Management Theory, Human Relation Theory, Bureaucratic Theory and Ecological Theory. The third block is about administrative processes, where we shall discuss Communication, Co-ordination, Leadership and Motivation as a tool of improving efficiency in Administration. In the last block an attempt is made to explain some contemporary issues of Public Administration, like Good Governance, Public Relation, Accountability, and Ombudsman. This block helps the students to understand the very nature of public administration in terms of its relation with the common people. Thus this paper helps the students to understand different prospects of Public Administration.

Block: I Nature, Significance and Evolution

Unit II: Nature and Scope

Unit III: Significance of the Study of Public Administration

Unit IV: Evolution of Public Administration

Block: II Administrative Theories

Unit I: Scientific Management Theory

Unit II: Human Relation Theory

Unit III: Bureaucratic Theory

Unit IV: Ecological Theory

Block: III Administrative Process

Unit I: Communication

Unit II: Co-ordination

Unit III: Leadership

Unit IV: Motivation

Block: IV Contemporary Issues

Unit I: Governance and Human Rights

Unit II: Public Relation

Unit III: Ombudsman

Unit IV: Accountability

Second Semester**Total No. of Papers: 4****Total Blocks: 10****Total units: 32****Paper V: 8 credits****POLITICAL THEORY: II**

This paper will deal with the Classical as well as Contemporary ideologies. The first block of this paper will introduce the students to the Classical ideas like Liberty, Equality,

Justice, Democracy State and Citizenship. Focus will be laid on the meaning and evolution of these ideas. The second block will deal with the Classical Ideologies like Liberalism, Socialism and Nationalism. In the last block attempt has been made to explain the Contemporary Ideologies like Feminism and Multiculturalism.

Block I: Classical Ideas

Unit I: Liberty and Equality

Unit II: Justice

Unit III: Democracy

Unit IV: State and Citizenship

Block II: Classical Ideologies

Unit I: Liberalism

Unit II: Socialism

Unit III: Nationalism

Block III: Contemporary Ideologies

Unit I: Feminism

Unit II: Multiculturalism

Paper VI: 8 credits**INTERNATIONAL RELATIONS IN THE
CONTEMPORARY PERIOD**

This paper will explain the international scenario in the contemporary period. The first block will focus on the Cold War and New International Economic Order. It will deal with the origin and End of Cold War as well as the North- South Dialogue and South-South Cooperation. The next block will introduce the students to the Indian Foreign Policy. An attempt has also been made to analyse India's relation with its neighbours like Nepal, Pakistan, Bangladesh, and Sri Lanka as well as SAARC and NAM. The third block will introduce the students to the role of Peace and Non- Violence in International Politics. It will also analyse the development in Third World countries as

well as role of UNO and International NGOs like ICRC, Amnesty, Green Peace etc.

Block : I Cold war and Emerging World Order

Unit I: Cold War

Unit II: New International Economic Order

Block: II Indian Foreign Policy

Unit I: Background of Indian Foreign Policy

Unit II: India and its Neighbours

Unit III: India, SAARC and NAM

Block: III Peace Studies in International Politics and International Organizations

Unit I: Role of Peace and Non-violence in International Politics

Unit II: Development in Third World Countries: Internal Sources of Threat to Security

Unit III: UNO – History, Organization, Challenges

Unit IV: International NGO: ICRC, Amnesty, Green Peace: Contribution and Challenges

Paper VII: 8 credits

POLITICS IN INDIA –II

This paper will introduce the students to the Judicial System as well as the Party System in India. Emphasis will be given on the issues like Composition of Indian Judiciary, Judicial Review, Judicial Activism, Relation between Judiciary and Legislature. This paper will also focus on the National Party like Congress and regional parties like AGP, DMK, AIDMK etc. Besides, the paper also deals with the emerging trends in Indian Politics. It will mainly focus on the Coalition Politics and voting behaviour of the electorates. The growth of coalition politics in India and its relation with the political stability and the determinants of the voting behavior will also be explained.

Block : I Judicial System in India

Unit I: Constitutional Provision of Judicial System in India

Unit II: Judicial Review and Judicial Activism

Unit III: Tension between Judiciary and the Legislature

Block: II Party System in India and Emerging Trends in Indian Politics

Unit I: The Congress and the other National Parties in Indian Politics

Unit II: Regional Political Parties in Indian Politics

Unit III: Coalition Politics in India

Unit IV: Voting Behaviour

Paper VIII: 6 credits

INDIAN ADMINISTRATION

This paper will deal with the structure of Indian Administration which includes Central, State and District Administration. It will also focus on the Recruitment to Civil Services and the role played by the Public Service Commission. It will also focus on the relation between Budgeting and Bureaucracy as well as role of Bureaucracy in Development. Focus will be laid on the preparation, enactment and execution of the Budget as well as the role of bureaucracy in different stages. It will also focus on the challenges to Indian administration like Corruption, Favouratism, Red Tapism etc. The students will also be introduced to the provision of 6th schedule with reference to the various committees.

Block: I Indian Administration and Bureaucracy, Budgeting and Development

Unit I: Structure of Indian Administration

Unit II: Recruitment to Civil Services in India

Unit 3: Budgeting in India

Unit 4: Role of Bureaucracy in Development

Block II: Challenges to Indian Administration

Unit I Challenges to Indian Administration

Unit II: 6th Schedule and Challenges to Indian Administration

Third Semester

Paper IX: 8 credits

COMPARATIVE POLITICS

This paper has been designed to introduce the students to the Comparative Politics and various issues related to it. The first block of this paper contains an introduction to the Comparative Politics as well as both the Traditional and Modern Approaches like Philosophical, Historical, Psychological, Marxian etc. The Growth of Comparative Politics as well as various Theories of Comparative Politics have also been included. The second block includes the System Analysis which focus on the General System Theory, Political System, Structural-Functional Analysis and Input-Output Analysis. David Easton's contribution to System Theory will be focused. Also the properties, characteristics and variables of the System will be discussed. The concepts like Political Socialization, Political Modernization, Political Culture, Political Ideology, Constitutionalism etc will also be explained. The students will get some ideas regarding the Liberal as well as Marxian Ideology. This paper will also introduce the students to the Growth and Development of Constitutionalism as well as the Western concept of Constitutionalism.

Block I: Introduction and Major Approaches to Comparative Politics

Unit I: Introduction and Traditional Approaches to Comparative Politics
Unit II: Modern Approaches to Comparative Politics

Block II: Political System and System Analysis

Unit I: Political System and General System Theory
Unit II: Structural-Functional Analysis
Unit III: Input-Output Analysis

Block III: Key Concepts of Comparative Politics: Political Development, Political Modernization and Political Culture, Political Ideology and Constitutionalism

Unit I: Concept of Political Development, Political Socialization and Political Culture
Unit II: Concept of Political Ideology and Constitutionalism

Paper X : 8 credits

RURAL DEVELOPMENT IN INDIA

This paper deals with the issues related to Rural Development in India. The first block of this paper will introduce the students to the concept of Rural Development as well as a picture of Rural as well as Urban India. The rural development programmes like IRDP, JRY will be analyzed. This paper will also focus on the problem of Rural Infrastructure, Rural Unemployment as well as Rural Industrialization. We will also try to analyze the plannings for Rural Development. It will include planning at different levels and specially the process of Democratic Decentralization. This paper will help the students in understanding Panchayati Raj Institutions and its role in the Rural Development.

Block I: Understanding Rural Development

Unit I: The Concept of Rural Development: Rural and Urban India
Unit II: Agriculture and Rural Development
Unit III: Rural Development Programme: Rural Social Welfare Programmes

Block II: Problems and Planning of Rural Development

Unit I: Problems of Rural Infrastructure and Rural Unemployment
Unit II: Rural Industrialisation
Unit III: Planning at Different Levels: Community Development and Co-operatives

Block III: Decentralisation in Rural Development

Unit I: Democratic Decentralisation: Panchayati Raj and Rural Development
Unit II: Rural Development Administration

Paper XI : 8 credits

POLITICAL SOCIOLOGY

This paper will highlight the Nature, Scope, and Background of Political Sociology. The first block of this paper will introduce the students to the Concept of Political Sociology and also analyze its relation with other Social Sciences like Sociology, Political Science, Anthropology, History, Economics etc. The second block will analyze the Background of Political Sociology both from Historical as well as Intellectual perspective.

It will include the contributions of Marx, Max Weber, Pareto, Mosca etc. The next unit will focus on the concepts like Ideology, Power and Authority. It will try to analyze the various Theories of Power, Relationship of Authority with that of Power and Legitimacy and also the Role of Ideology. The last unit of this paper will try to explain the concepts of Political Socialization as well as Political Culture.

Block I: Nature, Scope and Historical and Intellectual Background of Modern Political Sociology

Unit I: Introduction to Political Sociology and Relationship of Political Sociology with other Social Sciences

Unit II: Contribution of Marx and Max Weber to the Discipline of Political Sociology

Unit III: Contribution of V. Pareto, C. Wright Mills and G. Mosca to the Discipline of Political Sociology

Block II: Key Concepts of Political Sociology: Ideology, Power, Authority and Political Culture and Political Socialization

Unit I: Concept of Power, Authority and Ideology

Unit II: Political Culture and Political Socialization

Paper XII: 8 credits

GOVERNMENT AND POLITICS IN NORTH EAST INDIA

This paper will provide a basic idea about the government and political system in North-east India and introduce the students to the Demographic Profile of the people of North-east India. The first block of this paper will deal with the constitutional development since 1974 regarding the formation and reorganization of the states. The second block deals with the problems facing by this region and government's initiative to overcome such problems. The next block deals with the struggle of its for separate identity led by the students and minority as well as tribal people. The last block will introduce the students to the role played by the national political parties as well as the state parties in this region with special reference to AGP in Assam.

Block I: Constitutional Development of North-East Since 1974 and Political Parties in the Region

Unit I: Factors Responsible for the Formation of States/Reorganization of the State and Demographic Profile of the people of Northeast India

Unit II: Political Parties in North-East: National and Regional Political Parties

Block II: Major Issues of Northeast

Unit I: Insurgency

Unit II: Migration and Internal Displacement

Unit III: Economic Development: Role of Northeastern Council

Block III: Ethnic/Identity and Students Movements

Unit I: Assam Movement

Unit II: Bodo and Naga Movement

Fourth Semester

Paper XIII: 8 credits

RESEARCH METHODS IN SOCIAL SCIENCE

This paper will introduce the students to the Research Methods in Social Science. The first block of this paper discusses the application of Scientific Methods in the Social Research. The second block deals with the Planning Procedures in the social science research including the Formulation of Hypothesis and Research Design. The next block describes various Methods of Data Collection, Sampling Procedure, and its Analysis and Interpretation. The last block focuses on the Theory Building in Scientific Social Research.

Block I: Scientific Social Research

Unit I Meaning of Social Science

Unit II Application of Science in Social Research

Block II: Planning for Research

Unit I Planning and Hypothesis

Unit II Research Design

Block III: Data Collection, Sampling and Analysis

Unit I Data Collection

Unit II Sampling
Unit III Data Analysis and Interpretation

Block IV: Theory and Scientific Social Research

Unit I: Theory and Scientific Social Research

Paper XIV: 6 credits

HUMAN SECURITY IN SOUTH ASIA

This paper will introduce the students to the issue of Human Security and its status in South-Asia. The first block of this paper provides you an idea about the Conceptual Framework of Human Security with special reference to the Status of Women and Children in South Asia. The next block deals with various problems facing by this region like Migration and the Relation between Development and Displacements. The last block will focus on the trans-border relations among South Asian nations and the role of regional organization like SAARC.

Block I: Human Security in South Asia

Unit I: Conceptual Framework of Human Security
Unit II: State of Women and Children in South Asia

Block II: Migration and Displacement in South Asia

Unit I: Migration to India: Political and Security Implications
Unit II: Internal Displacement in South Asia
Unit III: Development and Internal Displacement

Block III: Regional Co-operation in South Asia

Unit I : Trans-Border Relations among South Asian Nations
Unit II: SAARC and Regional Cooperation

Paper XV: 8 credits

COMPARATIVE PUBLIC ADMINISTRATION

This paper gives a basic idea about the Administrative Systems in various countries in a comparative manner. The first block will introduce the students to the Concept and different approaches of Comparative Public Administration. The second block deals with the features of Administrative Systems of different countries like India, UK and USA. It will also focus on the origin and development of Merit System in these countries. The next block deals with Public Finance System in these countries including the Legislative Control over Expenditure. The last block focuses on the issue of Legislative Control over Administration and the process of Administrative Reforms in these countries.

Block I: Comparative Public Administration: Concept and Approaches

Unit I Comparative Public Administration
Unit II: Approaches to Comparative Public Administration

Block II: Salient Features of Administrative Systems:

Unit I. Salient Features of Administrative Systems of India, UK and USA.
Unit II. Merit System: Concept, Origin, Development and Existing Status
(India, UK and USA)

Block III: Budgeting:

Unit I: Budget Procedure and Practice (India, UK and USA).
Unit II: Legislative Control over Expenditure (India, UK and USA).

Block IV: Legislative Control over Administration and Administrative Reforms:

Unit I: Legislative Control over Administration in India and USA
Unit II: Administrative Reforms in India and UK.

Paper XVI: 8 credits

HUMAN RIGHTS IN INDIA

This paper discusses the issue of Human Rights in India. The first block of this paper introduces the students to the Evolution as well as the Approaches to the concept of Human Rights like Three Generations Rights, Universalism, Relativism. The next block deals with different measures to protect the Human Rights and the role played by the UNO and other international as well regional organizations to protect Human Rights. The third block deals with the issue of human rights in India including the role played by the Government and various Commissions in the protection of human rights in India. The last block highlights the issue of human rights with special reference to Women, Children, Differently Abled, Refugees, IDPs and protection of Environmental Rights of the individuals.

Block I Theoretical issues

Unit I: Human Rights: Evolution of the Concept

Unit II: Approaches o Human Rights: Three Generations Rights, Universalism, Relativism

Block II Protection of Human Rights

Unit I: The UN Charter, Covenants and Optional Protocol

Unit II: UDHR and other Declarations Amnesty International, International Court of Justice

Block III Protection of Human Rights in India

Unit I: Constitutional Framework of Human Rights in India

Unit II: Protection of Human Rights in India

Block IV Areas of Human Rights

Unit I: Human Rights: Women and Children

Unit II: Human Rights: Differently Abled, Refugees, IDPs, Environmental Rights

====X====

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

SEMESTER I	
PAPER I	Political Theory (I)
PAPER II	International Politics: Theoretical Aspects
PAPER III	Politics in India (I)
PAPER IV	Public Administration : Theories and Concepts
SEMESTER II	
PAPER V	Political Theory (II)
PAPER VI	International Relations in the Contemporary Period
PAPER VII	Politics in India (II)
PAPER VIII	Indian Administration
SEMESTER III	
PAPER IX	Comparative Politics
PAPER X	Rural Development in India
PAPER XI	Political Sociology
PAPER XII	Government and Politics in North East India
SEMESTER IV	
PAPER XIII	Research Methods in Social Science
PAPER XIV	Human Security in South Asia
PAPER XV	Comparative Public Administration
PAPER XVI	Human Rights in India

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING(GUIDOL)

Programme Project Report (PPR)

PPR ID : GU/GUIDOL/PPR/39 (Total no. pages : 34)

Programme: M.A. in Sanskrit

1. Programme Mission and Objective:

The mission of the programme is to train up learners in the study of Sanskrit language and literature by developing professional competence in them through teaching and research training, and extension programmes with local and national bodies.

Objectives of the programme are:

- To give learners a comprehensive idea of Sanskrit language, literature and culture in particular and North East India in general.
- To train learners in the study of Sanskrit language by acquainting them with established classics and familiarizing them with various percepts from early times to the present age.
- To help in all round development of learners as a human being.
- To generate competent and well-educated man-power for the teaching profession as well as manning positions of research associates in academic institutions

2. Relevance of the programme with HEI's mission and goals:

The Department of Sanskrit, one of the oldest departments of Gauhati University was established in the year of 1957. Being the pioneer in the North-East Region, the department has produced over the years a large number of alumni, who have made their marks in various fields of public life. In its continuous efforts to achieve higher strata of academic performance, the department has received recognition from University Grants Commission (UGC) as a Department of Excellence under Special Assistance Programme (SAP). Besides these, the department is conducting several interdisciplinary collaborative research activities.

The mission of the Department is to train up students in the study of Sanskrit language and

literature by developing professional competence in them through teaching and research training, and extension programmes with local and national bodies. Scholarship from the *Rashtriya Sanskrit Sansthan*, New Delhi, ICHR and State government scholarship are received for both P.G. students as well as research scholars.

Keeping in view the motto of “*Quality Higher Education for All*”, this programme shall be introduced in the ODL mode under the auspices of the Institute of Distance and Open Learning, Gauhati University, with the aim of imparting higher education to the large number of graduates who are deprived of the opportunity to seek higher education leading to Post Graduate degree and facilitating exposure to different approaches to the study Sanskrit.

3. Nature and Target Group of Learners: Our target group includes-

- 1) Those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- 2) Those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- 3) Drop outs primarily due to social, financial and economic compulsions as well as demographic factors.
- 4) Job seekers.
- 5) lifelong learners

Gauhati University also has a provision in the ODL mode for *Lateral Entry* for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the *Lateral Entry* provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI, external experts and teachers of IDOL, keeping in view the needs of the diverse class of learners.

4. **Appropriateness of the programme to be conducted in the ODL mode for acquiring**

Specific skills and competence- The M.A. Programme in Sanskrit to be offered through ODL mode will have certain learning outcomes. The programme will help the learners:

- to gain a comprehensive knowledge of Sanskrit literature and language
- to achieve an expertise in literary analysis and criticism in Sanskrit literature.
- to build up necessary competence among learners required for scholarship and teaching of Sanskrit literature.
- to acquire mastery in Sanskrit language for all communicative purposes including reading, writing, performing and speaking.

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and GUIDOL, keeping in view the needs of the diverse group of Learners.
- b) **Detailed Syllabus:** File containing detailed syllabus is attached.
- c) **Duration of the Program:** Minimum 2 years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in four (4) semesters having four (4) course/paper in each semester. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counseling class will be held in headquarter and various affiliated study centers. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
- e) **Faculty:**
 1. Prof. Mukta Biswas, Professor, Department of Sanskrit, Gauhati University nominated as Programme Coordinator of the ODL programme in Sanskrit
 2. Part time resource persons drawn from amongst teachers of affiliated colleges, researchers and faculty staff of the Department of HEI.

- f) **Media:** Print Media, ICT based content, content delivered through e-learning portal.
- g) **Student Support Service:** In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-
- i) **Network of Study Centers:** To assist its learner IDOL has established 96 study centers (List Enclosed) throughout the State of Assam but within the territorial jurisdiction of the University.
 - ii) **Library** with around 8 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
 - iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
 - Online Study Material
 - Old Examination Question Papers
 - iv) **Dynamic Website** www.idolgu.in : IDOL has its own dynamic website where one can get all the information regarding IDOL, its programme, up-coming events, examination result etc.
 - v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in
 - vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the IDOL (headquarter) complex as well as in the parent department during all

working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.

vii) **PERSONAL CONTACT PROGRAMME (PCP):** In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses . The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. **Procedure for Admissions, Curriculum transaction and Evaluation-**

- **Admission-** The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for M.A. in Sanskrit program is graduates from any recognized Indian or Foreign university in any discipline irrespective of subject pursued. The proposed fee for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance (Scholarship) is provided to the candidates belong to SC/ST and OBC category. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free admission on the approval of the Honourable Vice Chancellor, Gauhati University.
- **Curriculum transaction-** The curriculum shall be transacted throughout the year as per the *Activity Planner* which is enclosed as an annexure.
- **Evaluation-** Each course/module shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure

minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of the Gauhati University.

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines related to commerce education are available.
8. **Estimated cost of the Programme:** Total estimated cost of the programme is approximately Rs. 35-40 Lakhs which includes preparation and printing of SLMs, remuneration of the resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years
9. **Quality assurance Mechanism and Expected Programme outcome:**
 - **Quality assurance Mechanism** :The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Expected Programme outcome: The expected programme outcome is reflected in the Course Benchmark Statement, which is stated as below

Course Benchmark Statement: Master's degree in the Sanskrit shall be awarded to those learners who demonstrate

- comprehensive knowledge of Sanskrit language, literature and culture.
- expertise in literary analysis and criticism in Sanskrit literature
- mastery in Sanskrit language for all communicative purposes including reading, writing, performing and speaking.
- professional competency in the relevant field

Syllabus for MA in SANSKRIT
Institute of Distance and Open Learning
Gauhati University

- Total No. of Semesters : 4
- Total No. of Papers : 20 (5 papers in each semester)
- Full Marks for per paper : 80 [(64 marks for main examination, 16 marks for Internal evaluation (Home Assignment))]
- Final Evaluation will be made as per credit and Grading system of Gauhati University
- Total credits for whole course is 120. Per paper credit point is 6.

FIRST SEMESTER

Paper - I (1.1)

VEDA

Total Marks : 64

Credit Points : 6

Unit 1 :	An Introductory Note on the Rgvedic Pantheism.] 34
Unit 2 :	<i>Rksam hitā-Agnisūkta</i> (1.1) and <i>Sūryasūkta</i> (1.115)	
Unit 3 :	<i>Rksam hitā - Bahudevatakasukta</i> (1.3) and <i>Aranyānisūkta</i> (10.146)	
Unit 4 :	Arrangement of the <i>Rgveda</i>] 20
Unit 5 :	Content and Date of the <i>Rgveda</i>	
Unit 6 :	An Idea of Vedic Accents] 10

Reference Book :

1. Chaubey, B.B. (ed.), Telanga and Chaubey's *The New Vedic Selection*, Part I, Bharatiya Vidya Prakashan, Delhi, 1997
2. Goswami, S. and Chakravarty, H.N. (ed.), *Rksamihita*, Sanskrit Pustak Bhandar, Calcutta, 1974.
3. Bhattacharya, B.P. and Adhikari, T. N. (ed), *Vedic Selections*. Part I, Sanskrit Book Dipo, Kolkata, 2004.
4. Wilson, H.H: *The Rgveda* (Translation), Nag Publication, New Delhi, 1990
5. Sastri, Gaurinath : *A History of Vedic Literature*, Sanskrit Pustak Bhandar, Calcutta, 1982
6. Sarmah Thaneswar : *Vaidik Sahityar Ruprekha* (Assamese), Asom Veda Vidyalaya, Guwahati, 1997
7. Dr. Virendrakumar Verma (ed.) : *Rgvedapratisākhya of Śaunaka*, Chowkhamba Sanskrit Pratisthan, Delhi.
8. Chaubey, B.B. (ed.) : *Vedik Svra bodha* (Hindi), Vedik Sahitya Sadan, Hosiarpur, Panjab.
9. Nalininjan Sharma : *The Mechanism of Vedic Accents*, Guwahati

Paper - II (1.2)

VEDĀNGA

Total Marks : 64

Credit Points : 6

- | | | |
|---|---|----|
| Unit 1 : Introduction to the Vedic Literature | } | 30 |
| Unit 2 : The Vedāṅga Literature | | |
| Unit 3 : The Nirukta of Yāska: Chapter I & VII | } | 20 |
| Unit 4 : Prāṭisākhya Literature: R̥prāṭisākhya | | |
| Unit 5 : R̥prāṭisākhya: Vedic Metres-Gāyatri, Uṣnik and Anuṣṭup | } | 14 |
| Unit 6 : Essay in Sanskrit | | |

(2)

Reference Book :

1. Virendrakumar Verma (ed.) : *Rgvedapratisākhya of Śaunaka*, Chowkhamba Sanskrit Pratisthan, Delhi.
2. Virendrakumar Verma (ed.) : *Rgvedapratisākhya* (ek pariśilan), [Hindi], Kashi Hindu Visvavidyalaya, Varanashi.
3. Vidhata Mishra : *Sanskrit Phometics*, Chowkhambha Publication, Varanasi.
4. B. B. Chaubey : *Vedāṅga Literature*, Katyayana Vedik Sahitya Prakashan, Hosiarpur, Panjab.

Paper III (1.3)

SMṚTI And ĀYURVEDA

Total Marks : 64

Credit Points : 6

- | | | |
|--|---|----|
| Unit 1 : <i>Dharmasāstra</i> (History) | } | 34 |
| Unit 2 : <i>Mānavadharmasāstra/Manusmṛti</i> | | |
| Unit 3 : <i>Manusmṛti</i> : Chapter VIII, Rājadharmā | } | 30 |
| Unit 4 : Introduction to Ancient Indian Medicine | | |
| Unit 5 : <i>Bhaisjyaranāvālī</i> : A General Idea | | |
| Unit 6 : <i>Bhaisjyaranāvālī</i> : The Text | | |

Reference Book :

1. J. L. Shastri : (ed) *Manusmṛti* with Kullakabhatta, Motilal Banarashidass, Delhi
2. Gangamath Jha : (ed & Tr.) *Manusmṛti*, Motilal Banarashidass, Delhi

(3)

Paper IV (1.4)

NYĀYA And VEDĀNTA

Total Marks : 64

Credit Points : 6

- Unit 1 : A General Note on Indian Philosophy
- Unit 2 : A General Note on Tarkabhāṣa and its Epistemological Aspects
- Unit 3 : Metaphysical Aspects of Tarkabhāṣa
- Unit 4 : Introduction to the Vedānta Philosophy and Vedāntasāra
- Unit 5 : Vedāntasāra: Mārgalācarana, Anubandhacatuṣṭaya, Adhyāropa etc.
- Unit 6 : Vedāntasāra: Jīvaṁman, Mahāvākyas, Liberation etc.

34

30

Reference Book :

1. M.M.A.K. Shastri : (ed.) *Brahmasūtra with Sankara's comm.*, Nirayasaragar press, Bombay
2. *Tarkabhāṣā*, Keśava Miśra, Bhandarkar Oriental Research Institute, Poona
3. S.C. Chatterjee, *The Nyāya theory of knowledge*, University of Calcutta
4. K.P. Sinha, *Reflexions on Indian Philosophy*, Choukhamba Orientalia, Varanasi.
5. Nihilananda, Swami, *Vedāntasāra* of Sadānanda Yogīndra, Delhi.
6. Pal, Bipadbanjan, *Vedāntasāra*, Kolkata.

(4)

Paper V (1.5)

KĀVYA

Total Marks : 64

Credit Points : 6

- Unit 1 : Sanskrit Literature and Meghadūta of Kālidāsa
- Unit 2 : Meghadūta: Pūrvamegha (Verse: 1-27)
- Unit 3 : Meghadūta: Pūrvamegha (Verse: 28-66)
- Unit 4 : Chandomanjari
- Unit 5 : Sanskrit Drama : Bhāsa : Pratimā-nāṭaka
- Unit 6 : Pratimā nāṭaka : Act-I to IV

30

14

20

Reference Book :

1. *The Meghadūta of Kālidāsa*, ed. M.R.Kale, Motilal Banarsidass Publishers Pvt. Ltd, Delhi
2. *Meghadūta of Mahākavi Kālidāsa*, ed. by Achārya Śrī Charaṇatīrtha Mahārāj, Kashi Sanskrit Series 219, the Chowkhamba Sanskrit Series office, Varanasi, 1973.
3. M. R. Kale : *Pratima Nataka of Bhāsa*, Motilal Banarasidass, Delhi

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Syllabus for MA in SANSKRIT

Gauhati University

Institute of Distance and Open Learning Second Semester

- * Total No. of Semesters : 4
- * Total No. of Papers : 20 (5 papers in each semester)
- * Full Marks for per paper : 80 [(64 marks for main examination, 16 marks for Internal evaluation (Home Assignment)] **30**
- * Total Marks for each Semester : 400 (320 marks for Theory examination and 80 marks for Internal evaluation)
- * Final Evaluation will be made as per credit and Grading system of Gauhati University **24**
- * Total credits for whole course is 120. Per paper credit point is 6. **10**

SECOND SEMESTER

Paper - VI (2.1) VYĀKARAᅇA

Total Marks : 64	Credit Points : 6
1. Siddhānta Kaumudī (Sanjñā and Paribhāᅇā)	10
2. Prākᅇtprakāᅇā (First three chapters)	24
3. Functional Sanskrit	10

Unit Distribution :

Unit - I : Sanskrit Grammar : An Introduction

Unit- II : Sanjñāprakarāᅇa of Siddhāntakaumudī: A Discussion

Unit -III : Paribhāᅇāprakarāᅇa of Siddhāntakaumudī : A Discussion

Unit- IV : An Introduction to the Prakᅇta Language

Unit - V : Prākᅇtprakāᅇā : First three Chapters

Unit- VI : Fuctional Sanskrit

Books Recommended :

1. Giridhar Sarma and Parameswaranand Sarma : *Vaiyākaraᅇa-Siddhānta Kaumudī*, Motilal Banarshidass (MLBD), New Delhi.
2. Ramvilash Choudhury : *Vaiyākaraᅇa-Siddhānta Kaumudī*, MLBD, New Delhi.
3. Dr. Yamuna Pathak : *Prākᅇta-Prakāᅇā*, Chowkhamba Krishna Das Academy, Varanasi.

4. Dr. S.R. Banarjee: *The Prākṛta-Prakāśa of Vararuchi*, Sanskrit Pustak Bhandar, Kolkata.
5. Chakradhar Hamsa Noutiyal : *Vṛhad-Anuvād-Candrikā*, MLBD, New Delhi.
6. Rambalak Shastri : *Sam̐skṛita-Racanānūvāda-Candrikā*, MLBD, New Delhi.
7. Sumitra M. Katre : *Aṣṭādhyāyī* of Pāṇini, MLBD, New Delhi.
8. Ramchandra Jha : *Vaiyākaraṇa Siddhānta Kaumudī* , Krishnadas Academi, Varanasi

Paper - VII (2.2)

GADYA SĀHITYA

Total Marks : 64		Credit Points : 6
1. Kādambārī (asti sakalatribhūvana lalāmabhūtā.... Ujjayinīnāma nagari)	34	
2. Pañcatantra (Aparīkṣita kārītā)	30	

Unit Distribution :

Unit - I : Sanskrit Prose Literature and Bāṇabhaṭṭa	34
Unit- II : Bāṇabhaṭṭa and His Kādambārī	
Unit -III : Kādambārī : The Text (Ujjayinī-varṇanā)	
Unit- IV : Origin and Development of Sanskrit Fable Literature and Place of Pañcatantra	
Unit - V : Pañcatantra : Aparīkṣita kārītā) : Kathā 1 - 8	
Unit- VI : Pañcatantra : Aparīkṣita kārītā) : Kathā 9 - 15	30

Books Recommended :

1. Mahadev Pant : *Kādambārī of Bāṇabhaṭṭa* , MLBD, New Delhi
2. M. R. Kale : *Pañcatantra of Viṣṇusarman*, MLBD, New Delhi
3. Ramcharan Pandey : *Pañcatantra*, MLBD, New Delhi
4. Prabhat Sarma Shastri : *Kādambārī* (Assamese Translation), ABILAC, Guwahati
5. Mukunda Madhava Sharma : *Pañcatantra* (Assamese Translation), Asom Prakashan Parisad, Guwahati
6. A.B. Keith : *A History of Sanskrit Literature*, MLBD, New Delhi
7. M. Krishnamacharīr : *History of Classical Sanskrit Literature*, MLBD, New Delhi.
8. Krishnamohana Sastri : *Kādambārī of Bāṇabhaṭṭa*, Choukhamba Sanskrit Santhan, Varanasi

Paper - VIII (2.3)

NĀṬAKA and KĀVYĀŚĀSTRA

Total Marks : 64

Credit Points : 6

1. Uttaraṃacarita 40
2. Sāhityadarpaṇa (Chapter-VI) 24

Unit Distribution :

Unit - I : An Introduction to Sanskrit drama and Bhavabhūti

Unit - II : Uttaraṃacaritam : An Overview

Unit - III : Uttaraṃacaritam : Text (Act I to III)

Unit - IV : Uttaraṃacaritam : Text (Act IV to VII)

Unit - V : Sāhityadarpaṇa and Viśvanātha Kavirāja

Unit - VI : Sāhityadarpaṇa : The Text (Chapter-VI)

40

24

Books Recommended :

1. M.R. Kale : *Uttaraṃacaritam of Bhavabhūti*, MLBD, New Delhi
2. Janardan Shastri Pandey : *Uttaraṃacarita*, MLBD, New Delhi
3. Saligrama Shastri : *Sāhityadarpaṇa of Viśvanātha Kavirāja*, MLBD, New Delhi
4. Biswanarayan Shastri : *Sāhityadarpaṇa* (Assamese Translation), Sarighat Publication, Guwahati
5. A.B. Keith : *The Sanskrit Drama*, MLBD, New Delhi
6. R.D. Karmakar : *Bhavabhūti*, Karnataka University, Dharwar

(4)

Paper - IX (2.4)

HISTORY OF VEDIC LITERATURE

Total Marks : 64

Credit Points : 6

1. Introduction to the Brāhmaṇa literature with special reference to the Aitareya, Śāṅkhāyana and Śatapatha Brāhmaṇa 24
2. Introduction to the Aranyaka Literature 20
3. Muṇḍakapaṇiṣad 20

Unit Distribution :

Unit - I : An Introduction to Brāhmaṇa literature

Unit - II : An note on the Aitareya Brāhmaṇa and the Śāṅkhāyana Brāhmaṇa 24

Unit - III : An note on the Śatapatha Brāhmaṇa

Unit - IV : An Introduction to the Aranyaka Literature 20

Unit - V : An Introduction to the Upaniṣadic Literature

Unit - VI : The Muṇḍakapaṇiṣad : The Text 20

Books Recommended :

1. S.N. Sharma : *History of Vedic Literature*, Chowkhamba Sanskrit Series Office, Varanashi
2. Yogiraj Basu : *India of the Age of Brāhmaṇa*
3. Gouri Nath Shastri : *A History of Vedic Literature*, Sanskrit Pustak Bhandar, Kolkata

(5)

4. M. Winternitz : *History of Indian Literature*, Vol-I, MLBD, New Delhi
5. *Muṇḍakapaniṣad* : Gita Press, Gorakhpur
6. Amardas : *Ekāśopaniṣad*, MLBD, New delhi
7. A. B. Keith : *Ṛgveda Brāhmaṇas*, MLBD, New Delhi.
8. S. Bhattacharjii : *Literature in the Vedic age*, K. P. Bagchi & Company, Calcutta.
9. A. A. Macdonell : *A History of Sanskrit Literature*, MLBD, New Delhi.
10. The *Śatapatha Brāhmaṇa* : Gian Publishing House, Delhi
11. *Muṇḍakapaniṣad* : The Ramakrishna Mission Institute of Culture, Kolkata.

Paper - X (2.5)

EPIC and PURĀṆAS

Total Marks : 64

Credit Points : 6

1. General Introduction to the Purāṇas with reference to the Kālikāpurāṇa 24
(definition of the Purāṇa, Mahāpurāṇa and Upapurāṇa, contents of the Purāṇas, Puranic Cosmology)
2. An Introduction to the Rāmāyāna 20
(Arrangement and the age of the Rāmāyāna, Rāmāyāna as a source of latest Sanskrit works)
3. The Mahābhārata 20
(The age and arrangement of the Mahābhārata; The Mahābhārata as a source of the later Sanskrit works)

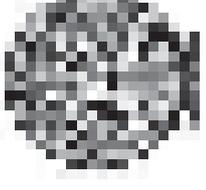
Unit Distribution :

Unit I : Introduction to the Purāṇas	24
Unit II : Contents of the Purāṇas and the Kālikāpurāṇa	
Unit III : The Origin & Development of the Rāmāyāna	
Unit IV : Influence of the Rāmāyāna on Indian Society and culture	20
Unit V : An Introduction to the Mahābhārata	
Unit VI : Contents of the Mahābhārata	20

Books Recommended :

1. M. Krishnamacharian : *History of Classical Sanskrit Literature*, MLBD, New Delhi
2. A.B. Kaith : *History of Sanskrit Literature*, MLBD, New Delhi
3. Biswanarayan Shastri : *Kālikāpurāṇa*, Nag Publication, New Delhi
4. Sadguru Sant Keshavadas : *Rāmāyāna at a Glance*, MLBD, New Delhi
5. Baladeva Upadhyaya : *Purāṇa-Vimarsah*, Chowkhamba Vidya Bhawan
6. M. Winternitz : *A History of Indian Literature*, Vol-I, MLBD, New Delhi.
7. Haridas Bhattacharya : *The Cultural Heritage of India*, Vol.I, R. K. Mission Institute of Culture, Calcutta.
8. R. C. Hajra : *Studies in the Upapurāṇas*.
9. J. C. Majumder : *Ethics of the Mahābhārata*, Calcutta.

Syllabus for MA
in
SANSKRIT



Institute of Distance and Open Learning
GAUHATI UNIVERSITY

Unit Distribution :

Unit 1 : Mr̥chakaṭikam : A General study	34
Unit 2 : Mr̥chakaṭikam : A Textual study (Acts 1-5)	
Unit 3 : Mr̥chakaṭikam : A Textual study (Acts 5-10)	
Unit 4 : Sanskrit drama and Veṇisamhāra of Bhaṭṭanārāyaṇa.	30
Unit 5 : Veṇisamhāra : The Text (Acts 1-3)	
Unit 6 : Veṇisamhāra : The Text (Acts 4-6)	

Books Recommended :

1. M.R.Kale : *The Mr̥chakaṭika of Śūdraka*, MLBD, Delhi.
2. R.D.Karmakar : *The Mr̥chakaṭika of Śūdraka*, Chaukhamba Sanskrit Pratishthan, Delhi.
3. M.R.Kale : *Veṇisamhāra* of Bhaṭṭa Nārāyaṇa. MLBD, New Delhi.
4. V.R. Nerurkar : (ed.) *The Mr̥chakaṭikam of Śūdraka*, New Bharatiya Book Corporation, Delhi.
5. C.Sankara Rama Sastri : (ed.) *Veṇisamhāra* with English Notes and Translation, Cosmo Publication, New Delhi.
6. Jayashankarlal Tripathi : (ed.) *Mr̥chakaṭikam*, Chaukhamba Krishnadas Academy, Varanasi, 2013.

Paper- IV (3.4)

KĀVYA

Total Marks : 64	Credit Points : 6
(a) Bhāgavatam (Mr̥dbhakṣaṇam) (Ch.VIII)	20
(b) Naiṣadhacaritam (Canto I)	24
(c) Śīsupālavadhānam (Canto XIV)	20

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Syllabus for MA in SANSKRIT

Gauhati University

Institute of Distance and Open Learning

THIRD SEMESTER

- * Total No. of Semesters : 4
- * Total No. of Papers : 20 (5 papers in each semester)
- * Full Marks for per paper : 80 [(64 marks for main examination, 16 marks for Internal evaluation (Home Assignment))]
- * Total marks for each Semester : 400 (320 marks for Theory examination and 80 marks for Internal evaluation)
- * Final Evaluation will be made as per Credit and Grading system of Gauhati University
- * Total credits for whole course is 120. Per paper credit point is 6

THIRD SEMESTER

Total Marks - 320 + 80 (Internal Assessment) = 400 (The first two papers will be general papers common for all groups. For papers III, IV and V there will be three groups of special papers. A student should choose any one from the three groups viz. A, B and C)

Paper - I (3.1)

VYĀKARAṆA

Total Marks : 64	Credit Points : 6
(a) Vaiyākaraṇasiddhāntakaumudī :	20+20+24=64
(Kāraka, Strīpratyaya and Samāsa)	

(1)

Unit Distribution :

Unit 1 : Kāraṅaparakaraṇa : A General Note and case endings prathamā, Dvītiyā and Trītiyā.	20
Unit 2 : Kāraṅaparakaraṇa : case endings Caturthī, Pañcamī, Ṣaṣṭhī and Saptamī.	20
Unit 3 : Strīpratyayaparakaraṇa : A General Note and īp, ḍāp, cāp and ṛīp pratyaya.	20
Unit 4 : Strīpratyayaparakaraṇa : ṛiṣ, ṛin and ūn pratyaya	24
Unit 5 : Samāsaparakaraṇa : A General Note.	
Unit 6 : Samāsaparakaraṇa : The Text.	

Books Recommended :

1. Giridhar Sarma and Parameswaranand Sarma : *Vaiyākarna-siddhānta-kaumudī*, Bālamānoramā and Tattvabodhini commentaries, MLBD, New Delhi.
2. Ramvilas Choudhury : *Vaiyākarna-siddhānta Kaumudī*, MLBD, New Delhi.
3. Ramchandra Jha: *Vaiyākarna-siddhānta-kaumudī*, Krishnadash Academi, Varanasi.
4. Sumitra M.Katre : *Aṣṭādhyāyī of Pāṇini*, MLBD, New Delhi.
5. Gopal Dutta Pandey : (ed.) *Vaiyākarna-siddhānta-kaumudī* (vol-1), Chaukhamba Surabharati Prakashan, Varanasi

Paper - II (3.2)

HISTORY OF CLASSICAL SANSKRIT LITERATURE

Total Marks : 64	Credit Points : 6
(a) History of Classical Sanskrit Literature	

(2)

Unit Distribution :

Unit 1 : History of Epics in Sanskrit	20
Unit 2 : History of Purāṇas	
Unit 3 : History of Court Epics and prose literature in Sanskrit.	24
Unit 4 : History of Sanskrit Lyrics and Campūkāvyaś.	20
Unit 5 : History of Sanskrit Dramas and historical kāvyas.	
Unit 6 : History of Fables and Didactic poetry in Sanskrit.	

Books Recommended :

1. M.Krishnamacharian : *History of Classical Sanskrit Literature*, MLBD, New Delhi.
2. Subodh Kapoor : (ed.) *An Introduction to Classical Indian Literature*, Cosmo Publications, New Delhi
3. M.Winternitz : *A History of Indian Literature*, Vol. III, MLBD, New Delhi
4. A.B.Keith : *History of Sanskrit Literature*, MLBD, New Delhi
5. Baladeva Upadhyaya : *Sanskrita Sāhitya kā Itihāśa*, Chowkhamba Publication, Varanasi.
6. Baladeva Upadhyaya : *Purāṇa-Vimarsā*, Chowkhambha Vidya Bhawan, Varanasi.
7. A.B.keith : *The Sanskrit Drama*, MLBD, New Delhi.

GROUP - A

Paper- III (3.3)

DRAMA

Total Marks : 64	Credit Points : 6
(a) Mṛcchakaṭīka	34
(b) Veṅśamhāra	30

(3)

Paper IV- (3.4)

**HISTORY OF THE VEDĀŅGAS,
PRĀTĪŚĀKHYAS AND ALLIED VEDIC
TEXTS**

Total Marks : 64 Credit Points : 6

(a) Anukramaṇis 20

(b) Paṇinīyaśikṣā 10

(c) Nirukta (i) Ch.I Parts 12-30) 24

(ii) Ch. II (The Principles of Nirvacanas and selected Nirvacanas) 10

(d) Vedic Grammar. 10

Unit Distribution :

Unit 1 : Introduction to the Vedic exegesis.] 20

Unit 2 : Contents of the Anukramaṇis.]

Unit 3 : Introduction to Vedāṅga Literature] 24

Unit 4 : The Nirukta (ch.I (parts 12-30) and ch.II (The principles of Nirvacanas and selected Nirvacanas)] 20

Unit 5 : Pāṇinīya Śikṣā.]

Unit 6 : Vedic Grammar.]

Books Recommended :

1. S.N. Sarne : *History of Vedic Literature*, Motilal Banarasidass, New Delhi.
2. Lakshman Sarup : (ed.) *The Nighaṇṭu and the Nirukta*, MLBD, New Delhi.
3. M.Wintermitze : *History of Indian Literature*, MLBD, New Delhi

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Unit Distribution :

Unit 1 : A General Note on Purāṇa with special reference to the Śrīmadbhāgavatapurāṇa.] 20

Unit 2 : Chapter -8 of Skandha -10, Kṛṣṇa's sports, display of Viśvarūpa.]

Unit 3 : Naiṣadhacarita and its Author,] 24

Unit 4 : Naiṣadhacarita : The Text (1st canto)

Unit 5 : Śīsupālavadha : An Introduction.] 20

Unit 6 : Śīsupālavadha : A Textual study. (canto XIV)

Books Recommended :

1. *Śrīmadbhāgavatapurāṇa* with Śrīdhara Swami Commentary. Motilal Banarasidass, New Delhi.
2. *Śrīmadbhāgavatapurāṇa* - part-I and IV, Translated and annotated by Ganesh Vasudeva Pagare, Motilal Banarasidass, Varanasi.
3. Dr. Gajanan Shastri Musalgaonkar : (ed.) *Śīsupālavadham*, Chaukhamba Sanskrit Bhawan, Varanasi.
4. Pandit Haragovinda Shastri : (ed.) *Naiṣadhamaḥākāvyam*, Chaukhamba Sanskrit sries office, Varanasi.
5. Mohan Deva Panta : (ed.) *Naiṣadhacaritam*, MLBD, Varanasi
6. Pt. Haragovinda shastri : (ed.) *Śīsupālavadha of Māgha*, with the Sarvaṅkaṣā Sanskrit Commentary, Chowkhamba Bidya Bhavan Varanasi

Paper- V (3.5)

DRAMATURGY AND POETICS

Total Marks : 64 Credit Points : 6

(a) Nāṭyaśāstra (ch.I) 24

(b) Kāvyaṁimānsā (ch.I) 20

(c) Sāhityadarpaṇa (ch.X) 20

(5)

Unit Distribution :

Unit 1 : Nāṭyaśāstra and its Author.] 24
Unit 2 : Nāṭyaśāstra : The Text.	
Unit 3 : Kāvya-mīmāṃsā : An Introduction.] 20
Unit 4 : Kāvya-mīmāṃsā : The Text (ch.I)	
Unit 5 : Origin and Development of Alamkāraśāstra, Sāhityadarpaṇa: its Śabdālamkāras.] 20
Unit 6 : Sāhityadarpaṇa : its Arthālamkāras.	

Books Recommended :

1. S.K.De : *History of Sanskrit Poetics*, MLBD, New Delhi.
2. P.V.Kane : *History of Sanskrit Poetics*, MLBD, New Delhi.
3. Babulal Shukla Shastri : (ed.) *Nāṭyaśāstra*, Chowkhamba Publication, Varanasi.
4. P.V.Kane : *The Sāhityadarpaṇa*, MLBD, New Delhi.
5. Āchārya Kṛṣṇamohan Śāstrī : (ed.) *Sāhityadarpaṇa*, with the Lakshmi "Sanskrit Commentary and Notes, Chaukhamba Sanskrit Sansthan, Varanasi.
6. Āchārya Śeṣaraj Sharma Regmi and pt. Nārāyaṇa Śāstrī khiste ; (ed.) *Kāvya-mīmāṃsā*, Part-I (ch-I), Chaukhamba Prakashan, Varanasi.
7. Śrī Krishnamani Tripathi : *Kāvya-mīmāṃsā*, Chaukhamba Surabharati Prakashan, Varanasi.

GROUP - B

Paper III (3.3)

ṚGVEDA SAMĪHITĀ

Total Marks : 64 **Credit Points : 6**

Hymns from Ṛksamhitā

Varuṇa - 1.90; Viṣṇu - 1.154; Sarasvatī - 7.95; Puruṣa - 10.90; Maṇḍukah - 7.103

Unit Distribution :

Unit 1 : Introduction to the Ṛgvedic Gods.] 40
Unit 2 : Ṛksamhitā-Varuṇa and the other Gods (1.90)	
Unit 3 : Ṛksamhitā - Viṣṇusūkta (1.154) and Sarasvatīsūkta (7.95)	
Unit 4 : Ṛksamhitā - Maṇḍukasūkta (7.103)] 24
Unit 5 : Philosophical Speculations in the Ṛksamhitā.	
Unit 6 : The Puruṣa sūkta. (10.90)	

Books Recommended :

1. B.B.Choubey : (ed.) Telenga and Chaubey's : *The New Vedic Selection*, Part I & II, Bharatiya Vidya Prakashan, Delhi.
2. B.P.Bhattacharya & T.N. Adhikari : (ed.) *Vaidika Saṁkalana*, Part-I & II, Sanskrit Book Dipo, Kolkata, 2004
3. N.S.Santakhe et al : (ed.) *The Ṛgvedasamhitā* with the Commentary of Sāyaṇācārya, Vol- I, III & IV, Vaidika Saṁśodhana Maṇḍala, 1995.
4. *Śrautapāṭhah* (A Vedic Reder for M.A.students), University of Calcutta, 1975.
5. C.Kunhan Raja : *Poet-Philosophy of the Ṛgveda*, Madras, 1963

Unit Distribution :

Unit 1 : Introduction to Saugata Darśana.] 34
Unit 2 : Texts of Saugata Darśana.	
Unit 3 : Main tenets of Saugata Darśana.	
Unit 4 : Introduction to Ārhatā Darśana.] 30
Unit 5 : Texts of Ārhatā Darśana.	
Unit 6 : Main tenets of Ārhatā Darśana.	

Books Recommended :

1. Vasubandhu : *Abhidharmakośa*, Baudha Bharati, Varanasi, 1970.
2. S.K. Mukherjee : *The Buddhist Philosophy of Universal Flux*, Motilal Banarasiidass, 1975
3. T.R.V. Murti : *The Central Philosophy of Buddhism*, George Allen and Unwin, 1960
4. Prajñāloka Mahasthavir : (ed.) *Dhammapāda*, Prajñāloka Prakashani, Calcutta, 1953
5. Dr. K.P. Sinha : *Nairātmavāda- The Buddhist theory of not-self*, Sanskrit Book Depot. (p) Ltd. Calcutta, 1982.
6. S.Radhakrishnan : *Indian Philosophy*, Vol -I, Firm KLM, Calcutta, 1980.
7. Anandasram : *Sarva Darśana Saṅgraha*.

Paper- V (3.5)

MĪMĀMĀSĀ AND HISTORY OF INDIAN PHILOSOPHY

Total Marks : 64	Credit Points : 6
(a) Arthasaṅgraha	30
(b) History of Indian Philosophy	34

4. *Yaska's Nirukta* with the Commentary of Durgācārya, Anandasrāma granthāvali.
5. S.N. Sarma : *History of Vedic Literature*, Chaukhamba Publication, Varanasi.
6. Dr. Thaneswar Sarma : *Vaidika Sāhityar Itivṛtta*, Assam Veda Vidyālaya, Guwahati.
7. Śivarāja Ācāryah Kauṇḍinnyāyanah : (ed.) *Pāṇinīya-Śikṣā*, Varanasi, 2004.
8. Bhabani Prasad Bhattacharya : *Vedic Grammar*, Calcutta, 1986

Paper V- (3.5)

ŚUKLA YAJURVEDA, VEDIC INDOLOGISTS AND VEDIC COMMENTATORS

Total Marks : 64	Credit Points : 6
(a) Rudrādhyāya from Vājasaneyīsamhitā (16 th chapter)	25
(b) Knowledge of Indologists and Vedabhāṣyakāras	25
(c) Essay in Sanskrit on Vedic Topics	14

Unit Distribution :

Unit 1 : Introduction to the Śukla yajurveda.] 25
Unit 2 : Rudrādhyāya (Vājasaneyīsamhitā, ch -16)	
Unit 3 : Indian Indologists.	
Unit 4 : Western Indologists.] 25
Unit 5 : Vedabhāṣyakāras.	
Unit 6 : Essay in Sanskrit on Vedic topics.	

Books Recommended :

1. G.L. Shastri : (ed.) *Śukla Yajurveda*, with the Commentary of Uvāta and Mahidhara, MLBD, New Delhi.
2. Raghuvīra Vedālamkāra : *Vaidika Nibandha*, New Bharatiya Book Corporation, Delhi.
3. Āchārya Jagadishchandra Mishra : *Vaidikavānmayasyetihāśah*, Chaukhamba Surabharati Prakashan, Varanasi.
4. S.N. Sarma : *History of Vedic Literature*, MLBD, Varanasi.

GROUP - C

Paper- III (3.3)

VEDĀNTA PHILOSOPHY

Total Marks : 64

Credit Points : 6

- (a) *Brahmasūtra* with *Sāṅkarabhāṣya* (ch. I pāda I) 40
(b) *Chāndogya Upaniṣad* with *Sāṅkarabhāṣya* (ch. VI) 24

Unit Distribution :

- Unit 1 : Historical Development of Advaita Vedānta.]
Unit 2 : Introduction to *Brahmasūtra* *trabhāṣya* with]
Adhyāśabhāṣya. 40
Unit 3 : Discussion on *Catussūtrī*.]
Unit 4 : Expositions of Remaining sūtras.]
Unit 5 : Introduction to *Chāndogyopaniṣad*.]
Unit 6 : The sixth chapter of *Chāndogyopaniṣad*.]
(*Chāndogyopaniṣad* with *Sāṅkarabhāṣya*) 24

Books Recommended :

1. G.L. Shastri : (ed.) *Brahmasūtra-sāṅkarabhāṣya*, with the Commentary of Bhāmati, Kalpataru and Parimala. MLBD, New Delhi.
2. S.Radhakrishnan : (Tr.) *Brahmasūtra-sāṅkarabhāṣya*, MLBD, Varanasi.
3. Visvarupananda Puri : (Tr.) *Brahmasūtra-sāṅkarabhāṣya*, Advaita Ashrama, Kolkata.
4. Durgacharan Samkhya Vedantatirtha : (ed.) *Vedānta darśana*, Basumati Sahitya Mandir, Kolkata.
5. K.P. Sinha : *Sāṅkaravedānta Tattvamīmāṃsā*, Vishwavidyalaya Prakashan, Varanasi.
6. Paul Deussen : *System of Vedānta*,
7. K.P. Sinha : *Sāṅkaravedānta Jñānāmānsā*, Vishwa Vidyalaya Prakashan, Varanasi.
8. Durgacharan Samkhya Vedantatirth : (ed.) *Chāndogyopaniṣad*, Advaita Ashrama, Kolkata.

Paper- IV (3.4)

NĀSTIKA PHILOSOPHY

Total Marks : 64

Credit Points : 6

1. Sarvadarśanasamgraha

(a) *Saugata Darśana* 34

(b) *Ārhatā Darśana* 30

Unit Distribution :

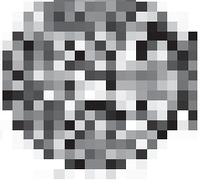
Unit 1 : Introduction to Mīmāṃsā Philosophy.] 30
Unit 2 : Text : - Arthasaṃgrah.	
Unit 3 : Nyāya and Vaiśeṣika.] 34
Unit 4 : Sāṃkhya and Yoga.	
Unit 5 : Mīmāṃsā and Vedānta.	
Unit 6 : Cārvāka, Bauddha and Jaina.	

Books Recommended :

1. P.N. Shastri : *Introduction to Pūrvamīmāṃsā*, Chowkhamba Publication, Varanasi. **20**
2. A.B.Keith : *Karmamīmāṃsā*, MLBD, New Delhi.
3. Laugākṣibhāskara : *Arthasaṃgraha*, MLBD, New Delhi.
4. S.C. Chatterjee and D.M.Datta : *An Introduction to Indian Philosophy*, MLBD, Varanasi.
5. S.N. Dasgupta : *A History of Indian Philosophy*, Vol -I-II, MLBD, New Delhi.
6. C.D. Sarma : *A Critical Survey of Indian Philosophy*, MLBD, Varanasi.
7. S.Radhakrishnan : *Indian Philosophy*, Vol. I - II, London : George Allen and Unwin, Ltd.
8. H.P. Sinha : *Bhāratīya Darśana Ki Rūparekhā*, MLBD, Varanasi.



Syllabus for MA
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Syllabus for M.A. in SANSKRIT
Gauhati University

Institute of Distance and Open Learning
FOURTH (4th) SEMESTER

FOURTH SEMESTER

Total Marks - 320 + 80 (Internal Assessment) = 400. The first two papers will be general papers (common for all groups). For papers III, IV and V there will be three groups for special papers. A student should choose any one from the three groups viz. A, B and C.

Paper - 1 (4.1) COMMON PAPER
PHILOSOPHY AND GRAMMAR

Total Marks : 64

Credit Points : 6

1. Sanskrit Philology

- (a) Origin and Development of OIA. 34
(b) Production and classification of sounds.
(c) Assimilation, Apenthesis, Prothesis, Haplology, Syncope
2. Mahābhāṣya (Paśpaśāhnikā)

Unit Distribution :

- Unit 1 : Origin and development of Old Indo-Aryan (OIA)]
Unit 2 : Production and Classification of sounds. 34
Unit 3 : Concept of Assimilation, Epenthesis, Prothesis, Haplology and Syncope.]
Unit 4 : Introduction and General idea of the Mahābhāṣya.]
Unit 5 : Purposes of studying grammar. 30
Unit 6 : Definition, meaning of the word Vyākaraṇa and the relation of word and meaning.]

Books Recommended :

1. Elements of Science of Language by Taraporrewala.
2. Sanskrit Language by T. Burrow.
3. A Handbook of Comparative Philology by S.R. Banerjee
4. Comparative Philology by R. Iyer.
5. Vyākaraṇa Mahābhāṣya (Paśpaśāhnikā) of Patanjali with *pradīpa* the Sanskrit commentary edited by Acharya Madhusudan Prasad Mishra.

Paper - II (4.2) COMMON PAPER
HISTORY OF SCIENTIFIC LITERATURE
IN ANCIENT INDIA

Total Marks : 64

Credit Points : 6
1. History of Scientific Literature in Ancient India 64

Unit Distribution :

Unit 1 : (A) Origin and development of the sciences in ancient India

(B) An introduction to the various sciences.

Unit 2 : Literature on Art, Architecture and Music.

Unit 3 : Literature on Astronomy and Mathematics

Unit 4 : Ayurvedic Literature

Unit 5 : Grammatical Literature and the Glosses.

Unit 6 : Philosophical Literature (Vedānta, Sāṃkhya, Yoga, Nyāya, Vaiśeṣika and Pūrva Mīmāṃsā)

64

Books Recommended :

1. The History of Indian Literature, Vol - III by M. Winternitz
2. The Cultural Heritage of India, Vols- V and VI

(3)

Books Recommended :

1. History of Indian Literature by M. Winternitz.
2. Atharvaveda Samhitā written by William Dwight Whitney
3. Atharvaveda Samhitā with the commentary of Sāyaṇa.
4. Vedar Parichay by Prof. J. Basu, published by Assam publication Board, Guwahati, Assam.

Paper IV- (4.4) Group - B
ŚRAUTA AND GRHYA RITUALS AND
VEDIC CULTURE

Total Marks : 64

Credit Points : 6

1. Introduction to Śrauta and Grhya Rituals 34
2. Knowledge of the Culture and Civilization in the Vedic Society. 30

Unit Distribution :

Unit 1 : The Kalpasūtra in the Vedic Literature

Unit 2 : Introduction to the Śrauta Rituals with a Note on the Sacrificial Terms. 34

Unit 3 : The Grhya Rites in the Grhyasūtras : A Note.

Unit 4 : Culture and Civilization in the Samhitā period.

Unit 5 : Culture and Civilization reflected in the time of Brāhmaṇas, Āraṇyakas and Upaniṣads. 30

Unit 6 : Culture and Civilization reflected in the Sūtra Literature.

(4)

7. Kāvyaaprakāśa of Mammata with English Translation by Dr. Sri Ganganath Jha, Bharatiya Vidya Prakashan, Varanasi, 1967.

Paper- IV (4.4) Group - A
PROSE LITERATURE

Total Marks : 64

1. Harṣacarita (Ch. - V) 34
2. Daśakumāracarita (Somadattacarita, Uchhvāsa-III) 30

Unit Distribution :

- Unit 1 : Sanskrit Prose Literature : Origin and Development] 34
Unit 2 : Place of Bāṇabhaṭṭa and Dandin as Sanskrit Prose
Writer
Unit 3 : Harṣacarita : Summary of the Text
Unit 4 : The Text] 30
Unit 5 : Daśakumāracarita : Summary of the Text
Unit 6 : The Text

Books Recommended :

1. History of Indian Literature By Winternitz.
2. A History of Sanskrit Literature By Macdonell
3. A Concise History of Classical Sanskrit Literature By Gaurinath Sastri
4. Harṣacarita by M. R. Kale, Motilal Banarasidas, New Delhi.
5. Daśakumaracarita By M. R. Kale, Motilal Banarasidas, New Delhi.

(5)

Paper- V (4.5) Group - A
INSCRIPTION, ARTHAŚĀSTRA AND
MODERN SANSKRIT

Total Marks : 64

Credit Points : 6

1. Inscription

- (a) Nidhanpur Copper Plates 20
(b) Allahabad Stone Pillar Inscription 20
2. Arthaśāstra (Śāsanādhikāra) 24
3. Satijayamati

Unit Distribution :

- Unit 1 : Indian Epigraphic and Nidhanpur Copper Plates] 20
Inscription
Unit 2 : Allahabad Stone Pillar Inscription
Unit 3 : Kautilya's Arthaśāstra : A General Study] 20
Unit 4 : Kautilya's Arthaśāstra : A Textual Study
Unit 5 : General Introduction of the Sati Jayamati] 24
Unit 6 : Textual Discussion of the Sati Jayamati

Books Recommended :

1. Inscriptions of Ancient Assam by M.M. Sharma, published by Dept. of Publication, Gauhati University, Guwahati, 1978
2. Select Inscriptions, Vol-I, By D.C. Sankar, Assam Humanities press.
3. Kautilya Arthaśāstra- Rajani Kanta Deva Sarma (ed.), Publication Board, Assam.
4. Kautilya's Arthaśāstra - Sunil Sen Sarma, D.K. Print World (p) Ltd, New Delhi - 2001.

(6)

5. Kautilyam Arthasāstram - Rupnarayan Tripathi, Hamsa Prakashan, Jaipur, 2007.
6. Satī Jayamatī by Bhavadev Bhagawati
7. Satī Jayamatī of Bhavadev Bhagawati, (ed.) by Dr. Dipak Kr. Sharma.

GROUP - B

VEDIC LITERATURE (VEDA)

Paper III (4.3) Group - B ATHARVAVEDA SAMĪHĪTĀ

Total Marks : 64

Credit Points : 6

1. Hymns from the Atharvavedasamīhītā **64**
 - (a) Mahadbrahma, 1.32
 - (b) Kilāsapalitanāśanam, 1.23, 24
 - (c) Vena, II. 1
 - (d) Ratha, VI. 125
 - (e) Dundubhi, VI. 126
 - (f) Darbha, XIX. 32

Unit Distribution :

- | | |
|---|----|
| Unit 1 : A General Introduction of the Atharvaveda and its place in the Vedic Literature. | |
| Unit 2 : The Text : Mahadbrahma, 1.32 and Kilāsapalitanāśanam, 1.23, 24 | 64 |
| Unit 3 : The Text : Vena, II. 1, and Ratha, VI-125. | |
| Unit 4 : The Text : Dundubhi, VI-126, and Darbha, XIX.32 | |
| Unit 5 : Discussion on the Mahadbrahma, Kilāsa- palitanāśanam and Vena. | |
| Unit 6 : Discussion on the Ratha, Dundubhi and Darbha. | |

(7)

Books Recommended :

1. History of Indian Literature by M. Winternitz.
2. Atharvaveda Samīhītā written by William Dwight Whitney
3. Atharvaveda Samīhītā with the commentary of Sāyana.
4. Vedar Parichay by Prof. J. Basu, published by Assam publication Board, Guwahati, Assam.

Paper IV- (4.4) Group - B ŚRAUTA AND GRHYA RITUALS AND VEDIC CULTURE

Total Marks : 64

Credit Points : 6

1. Introduction to Śrauta and Grhya Rituals **34**
2. Knowledge of the Culture and Civilization in the Vedic Society. **30**

Unit Distribution :

- | | |
|--|----|
| Unit 1 : The Kalpasūtra in the Vedic Literature | |
| Unit 2 : Introduction to the Śrauta Rituals with a Note on the Sacrificial Terms. | 34 |
| Unit 3 : The Grhya Rites in the Grhyasūtras : A Note. | |
| Unit 4 : Culture and Civilization in the Samhītā period. | |
| Unit 5 : Culture and Civilization reflected in the time of Brāhmaṇas, Āraṇyakas and Upaniṣads. | |
| Unit 6 : Culture and Civilization reflected in the Sūtra Literature. | |

(8)

Books Recommended :

1. Gopal, Ram : India of Vedic Kalpasūtras, National Publishing House, Delhi, 1959
2. Sastri, Gaurinath : A History of Vedic Literature, Sanskrit Pustak Bhandar, Kolkata, 2006
3. Sharma, S.N. : A History of Vedic Literature, Chowkhamba Sanskrit Series Office, Varanasi, 2000
4. Winternitz, M. : A History of Indian Literature, Vol-I, Motilal Banarsidass, Delhi, 1987
5. Bandyopadhyay, P : The Aryans and the Holy Vedas, United Writers, Calcutta, 1993
6. Basu, J : India of the Age of the Brāhmanas
7. Chatterji, S.K. et al : The Cultural Heritage of India, Vol-I, The Ramakrishna Mission Institute of Culture, Calcutta, 1993
8. Mitra, Dr. P : Life and Society in the Vedic Age, Sanskrit Pustak Bhandar, Calcutta, 1956

Paper V- (4.5) Group - B

**INTRODUCTION TO UPANISADS AND
THE GAUTAMA DHĀRMASŪTRA**

Total Marks : 64	Credit Points : 6
1. A General Introduction to the Upaniṣads	15
2. Chandogyopaniṣad, (Ch. - VI)	15
3. Gautamdharmasūtra :	34
(a) Praśna 1 Chap - 1, 1-32, Chap - 3, 1-35, Chap - 5, 3-41	

(9)

- (b) Praśna II Chap - 1, Āśramadharmā, Chap - 2 Rājadharmā; Chap - 3, 1-12, Chap - 7

- (c) Praśna III, Chap - 1, 1-10, Chap - 10 Dāyabhāga.

Unit Distribution :

Unit 1 : An Introduction to the Upaniṣads

Unit 2 : Chāndogya Upaniṣad, Ch. - VI : Text (Khaṇḍa : 1-18)

Unit 3 : Chāndogya Upaniṣad, Ch. - VI : (Khaṇḍa : 9-16)

Unit 4 : An Introductory Note on the Gautamadharmasūtra

Unit 5 : (i) Sources of Law and Studentship (Gautamadharmasūtra, Praśna I, Ch. - I, verses 1-32)

(ii) The four orders of life (Praśna I, Ch.-III, verses 1-35)

(iii) Ritual Duties (Praśna I, Ch. -V, Verses 3-41)

Unit 6 : (i) Āśramadharmā (Praśna II, Ch. - I)

(ii) Rājadharmā (Praśna II, Ch. - II)

(iii) Punishment for crimes (Praśna, II, Ch. - III)

(iv) Rules for studying the Veda (Praśna, II, Ch. - VII)

(v) Penances as Purificatory Rites (Praśna, III, Ch. I verses 1-10)

(vi) Dāyabhāga (Praśna, III, Ch. X)

Books Recommended :

1. Chāndogyopaniṣad : Gita Press, Gorakhpur, 1993 Samvat.
2. Max Muller, F. (ed.) : The Sacred Books of the East, Vol. II Oriental Publishers, Delhi, 1972.

(10)

3. Olivella, Patrick : Dharmasūtras (The Law codes of Āpastamba, Gautama, Baudhāyana, and Vasiṣṭha), Motilal Banarsidass, Delhi, 2003
4. Pandey, Umesh Chandra (ed.) : Gautamadharmasūtra with the commentary of Haradatta, Chowkhamba Sanskrit Sansthan, Varanasi, 2005.
5. Swain, Brajakishore (ed.) : Gautamadharmasūtra with Sūkṣmāvṛtti, Sri Narayan Press, Puri, 1991.

GROUP - C

PHILOSOPHICAL LITERATURE

(DARŚANA)

Paper- III (4.3) Group - C

SĀMĀKHYA AND CONTEMPORARY PHILOSOPHY

Total Marks : 64

1. Sāṅkhyatattvakaumudī

Credit Points : 6

34

2. Contemporary Indian Philosophy

30

(a) Swami Vivekananda

(b) S. Radhakrishnan

Unit Distribution :

Unit 1 : Introduction

Unit 2 : Text analysis

Unit 3 : Selected Questions and Answers

34

Unit 4 : Life and works of Swami Vivekananda and
S. Radhakrishnan

Unit 5 : Philosophy of Swami Vivekananda

Unit 6 : Philosophy of S. Radhakrishnan

30

Books Recommended :

1. Sāṅkhyakarikā of Sri Īśvarakṛṣṇa with the commentary of Sāṅkhyatattvakaumudī of Vacaspati Misra, Nimaya Sagar Press, Bombay, 1946.
2. Sāṅkhyasūtra of Kapila with Aniruddha's Commentary, (ed.) R.S. Bhattacharjee, Pracya Bharati Prakasa, Varanasi, 1964.
3. Bahadur, K.P., A wisdom of Sāṅkhyā, Sterligny Publishers, Pvt. Ltd., New Delhi, 1988.
4. Chakrabarti, Pulinbhari : Origin and Development of the Sāṅkhyā System of thought, Metropolitan printing and publishing House, 1897.
5. Garbe Richard : Sāṅkhyā Sūtravṛtti, Asiatic Society of Bengal, Calcutta, 1888.
6. Manikar, T.G. Sāṅkhyakarikā of Īśvarakṛṣṇa with Gaudapādabhāṣya, oriental Book Agency, Poona, 1964.
7. Lal, Basant Kumar : Contemporary Indian Philosophy
8. Sharma, R.N. : Contemporary Indian Philosophy
9. Pappu, S.S. Rama Rao : New Essays in the Philosophy of Sarvapalli Radhakrishnan.
10. Swami Vivekananda : Complete works of Swami Vivekananda.
11. Swami Yogeshwarananda : Teaching of Swami Vivekananda.

Paper- IV (4.4) Group - C
YOGA PHILOSOPHY AND GĪTĀ

Total Marks : 64

Credit Points : 6

1. Yogasūtra with Vyāsabhāṣya 34

pāda - I, pāda - II, pāda - III (sūtras 1-3)

2. Śrīmadbhagavadgītā with Śāṅkarabhāṣya (ch. 1) 30

Unit Distribution :

Unit 1 : Introduction.

Unit 2 : Text analysis

Unit 3 : Selected Questions and Answers

Unit 4 : Introduction

Unit 5 : Text analysis

Unit 6 : Selected Questions and Answers

Books Recommended :

1. Yogasūtra of Patañjali with Vyāsabhāṣya, Tattvavaiśārādī of Vacaspati Misra and Yogavārtika of Vijnānabhikṣu (ed.) by Narayan Misra, Bharatiya Vidyā Prakashan, Varanasi, 1981.
2. Biswas M. : Sāṅkhya-Yoga Epistemology, D.K. Print World, New Delhi, 2007.
3. Bahadur, K.P. : The Wisdom of Yoga, Sterling Publishers, Pvt. Ltd., 1988.
4. Das Gupta, S.N. : Yoga philosophy in relation to other systems of Indian thought, University of Calcutta, 1930.
5. Hiriyana, M. : Outlines of Indian Philosophy, George Allen and Unwin Ltd. London, 1951.

(13)

Paper- V (4.5) Group - C
VEDĀNTA PHILOSOPHY

Total Marks : 64

Credit Points : 6

1. Vedānta-paribhāṣā 44

(Pratyakṣa and Viśaya-pariccheda)

2. Mohamudgara of Śāṅkarācārya 20

Unit Distribution :

Unit 1 : Introduction to Vedānta Paribhāṣā

Unit 2 : Definition of Pramā, Pramāṇa and Pratyakṣa

Unit 3 : Other topics of Pratyakṣapariccheda

Unit 4 : Viśayapariccheda of Vedānta Paribhāṣā

Unit 5 : Translation and Explanation of Mohmudgara

Unit 6 : Texts

Books Recommended :

1. Vedāntaparibhāṣā, Dharmarājadhvarīndra, (ed.) by Pañcānana Sastrī.
2. Vedāntaparibhāṣā, (ed.) by Srimohan Bandyopadhyay
3. Dutta, D.M, Six ways of knowing
4. Mohmudgara, translated by Prof. R.M. Sarma

(14)

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September) Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

Semester	Paper No	Paper Name
I	1.1	Veda
	1.2	Vedanga
	1.3	Smrti and Ayurveda
	1.4	Nyaya and Vedanta
	1.5	Kavya
II	2.1	Vyakarana
	2.2	Gadya Sahitya
	2.3	Nataka and Kavyasastra
	2.4	History of Vedic Literature
	2.5	Epic and Puranas
III	3.1	Vyakarana
	3.2	History of Classical Sanskrit Literature
	(GROUP- A)	
	3.3	Drama
	3.4	History of the Vedangas, Pratisakhya and allied Vedic Texts
	3.5	Dramaturgy and Poetics
	(GROUP- B)	
	3.3	Rgveda Samhita
	3.4	History of the Vedangas, Pratisakhya and allied Vedic Texts
	3.5	Sukla Yajurveda, Vedic Indologistic and Vedic Commentators
	(GROUP- C)	
	3.3	Vedanta Philosophy
	3.4	Nastika Philosophy
	3.5	Mimasa and History of Indian Philosophy
	IV	4.1
4.2		History of Scientific Literature in Ancient India
(GROUP- A)		
4.3		Dhvanyaloka, Kavyaprakasa
4.4		Prose Literature
4.5		Inscription, Arthasastra and Modern Sanskrit
(GROUP- B)		
4.3		Atharvaveda Samhita
4.4		Srautaandgrhy Rituals and Vedic Culture
4.5		Introduction to Upanisads and the Gautama Dharmasutra
(GROUP- C)		
4.3		Samkhyaand Contemporary Philosophy
4.4		Yoga Philosophy and Gita
4.5		Vedanta Philosophy

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING (GUIDOL)

PROGRAMME PROJECT REPORT (PPR)

PPR ID : GU/GUIDOL/PPR/07 (Total no. pages : 40)

Programme: Master of Commerce (M.Com)

1. Programme mission and Objectives:

The *mission* of the Programme to be launched is “*to cater to the need of higher education in commerce and to widen the periphery of commerce education.*”

Objectives of the Programme:

- To provide adequate basic understanding about commerce education to the learners.
- To develop essential knowledge in each functional business area such as accounting, business management, corporate governance, human resource management, economics, statistics, finance, marketing or entrepreneurship.
- To caters to the manpower needs of various public/private financial institutions and companies in accounting, taxation, auditing and financial analysis & management.
- To generate competent and well-educated man-power for the teaching profession as well as manning positions of research associates in public/private sector academic institutions.

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Commerce was established in 1948 and over the years has set up, a close association with various PSUs and other formal and informal organizations and various successful and enduring entrepreneurs which gives opportunity to the students to acquire practical knowledge and ideas. The intake capacity of the Department at present stands at 115 students per year in the University Campus and 240 students through various affiliated colleges in regular mode, whereas as per university records available , close to around 7000 students graduate in commerce from different under-graduate colleges affiliated to Gauhati University.

Keeping in view the motto of “*Quality Higher Education For All*” Master of Commerce (M.Com) to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in commerce to those aspiring candidates who are deprived of higher education. Moreover, to keep the quality intact the curriculum and syllabus has been designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode. The aims and objectives of the parent department are also kept intact.

3. Nature and target group of learners: Our target group includes-

- (a) those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- (b) those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- (c) drop outs primarily due to social, financial and economic compulsions as well as demographic factors.
- (d) job seekers and
- (e) life-long learners.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI , external experts and teachers of IDOL, keeping in view the needs of the diverse groups of learners.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-

The M.Com. programme to be offered through ODL Mode will have the following *learning outcomes*.

- Our graduates will be able to demonstrate essential knowledge in each functional business area.
- Our graduates will be able to think critically and to aid in the decision-making process of the organization.

- Our graduates will be able to participate collaboratively and responsibly in teams, and reflect on their own teamwork, and on the team's processes and ability to achieve outcomes.
- Our graduates will have a sound awareness of the ethical, social, cultural and environmental implications of business practice.
- Our graduates will be competent enough to compete in the job market of the related fields.

5. **Instructional Design:**

- Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the HEI and teachers from ODL mode, keeping in view the needs of the diverse group of learners.
- Detailed Syllabus:** File containing detailed syllabus is attached (*Enclosure-I*)
- Duration of the Program:** Minimum 2 years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- Instructional Delivery Mechanism:** The programme will be delivered in four(4) semesters having five(5) course/module in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus. Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
- Faculty:(at the headquater/Regional Centre)**
 1. Dr. S. K. Mahapatra, M.Com, Ph.D,
Associate Prof (parent department) &
Programme Co-ordinator
 2. Mr. Rajen Chetry, M. Com, PGDBM, PGDCA
Asst. Professor (Full Time)
 3. Resource persons are drawn from the HEI's parent Department and affiliated colleges.
- Media:** Print Media and e-learning portal

g) **Student Support Service**: In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-

(i) **Network of Study Centres**: To assist its learner, IDOL has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.

(ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

(iii) **E- Learning Portal**: www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher**: When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

iv) **Dynamic Website** www.idolgu.in : IDOL has its own dynamic website where one can get all the information regarding IDOL, its programme, up-coming events, examination result etc.

v) **Computerised admission process with provision of online admissions**: The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in.

- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the headquarter/Regional Centre complex as well as in the parent department during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses . The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced, if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

- **Admission-** The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for MCom program is BCom/BBA graduates from any recognized Indian or Foreign university. The proposed fee for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor.
- **Curriculum transaction-** The curriculum shall be transacted throughout the year as per the *Activity Planner* which is enclosed as an annexure (*Enclosure- II*).
- **Evaluation-** Each course/paper shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home

Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of the Gauhati University .

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the ODL Institute has its own Library where various books, journals and magazines related to the field of commerce are available.
8. **Estimated cost of the Programme:** Total estimated cost of the programme is Rs. 62.5 Lakhs(approx) which includes preparation and printing of SLMs, remuneration of the resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.
9. **Quality assurance Mechanism and Expected Programme outcome:**
 - **Quality assurance Mechanism:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.
 - **Expected Programme outcome:** The expected program outcome is reflected in the Course Benchmark Statement, which is stated as below

Course Benchmark Statement: Master's degrees in the Commerce shall be awarded to those learners who demonstrated:

- essential knowledge in each functional area of business and management
- the application of the relevant knowledge in business organization, taking into account the inter-relationship and interaction of various functional areas of the management.

- a critical awareness of current issues in business and management and ability to conduct research into business and management
- awareness of the ethical, social, cultural and environmental implications of business practice
- competency to compete in the related job market.

1. Syllabus : Attached

2. SLM : 25 booklets prepared.

List of SLM :

SEMESTER I		SEMESTER II	
PAPER 1.1	Business Policy Analysis	PAPER 2.6	Economic Legislations
PAPER 1.2	Financial Analysis	PAPER 2.7	Organizational Behaviour
PAPER 1.3	Marketing Policy Analysis	PAPER 2.8	Operations Research & Computer in Business
PAPER 1.4	Business Statistics	PAPER 2.9	A Financial Management and Control, or B: Human Resource Planning & Management
PAPER 1.5	Financial Markets	PAPER 2.10	A Security Analysis & Portfolio Management, or B: Marketing Research & Consumer Behaviour
SEMESTER III		SEMESTER IV	
PAPER 3.11	Research Methodology	PAPER 4.16	Strategic Management
PAPER 3.12	Project Management	PAPER 4.17	Marketing of Services
PAPER 3.13	Entrepreneurship Management	PAPER 4.18	Financial Services
PAPER 3.14	A: International Financial Management OR B: Industrial Relations & Labour Laws	PAPER 4.19	Tax Planning
PAPER 3.15	A: Advanced Cost and Management Accounting or B: International Marketing	PAPER 4.20	Micro Finance
		PAPER 4.21	International Business

PAPER 1.1	Business Policy Analysis
PAPER 1.2	Financial Analysis
PAPER 1.3	Marketing Policy Analysis
PAPER 1.4	Business Statistics
PAPER 1.5	Financial Markets
PAPER 2.6	Economic Legislations
PAPER 2.7	Organizational Behaviour
PAPER 2.8	Operations Research & Computer in Business
PAPER 2.9	A: Financial Management and Control, or B: Human Resource Planning & Management
PAPER 2.10	A: Security Analysis & Portfolio Management, or B: Marketing Research & Consumer Behaviour
PAPER 3.11	Research Methodology
PAPER 3.12	Project Management
PAPER 3.13	Entrepreneurship Management
PAPER 3.14	A: International Financial Management OR B: Industrial Relations & Labour Laws
PAPER 3.15	A: Advanced Cost and Management Accounting or B: International Marketing
PAPER 4.16	Strategic Management
PAPER 4.17	Marketing of Services
PAPER 4.18	Financial Services
PAPER 4.19	Tax Planning
PAPER 4.20	Micro Finance
PAPER 4.21	International Business

Enclosure: I (Detail syllabus)

Detailed Syllabus of M.Com Programme (ODL mode of Gauhati University)

The DAC of the Department of Commerce has decided to switch over to Semester system from annual system in M.Com Course under IDOL from the session 2013 - 14. This Course is almost similar to the regular M.Com Course offered by the Department.

M.Com Course under IDOL shall comprise of 20 papers spread over four semesters, each semester having five papers. All papers of 1st will be compulsory.

In the 2nd Semester Paper 2.6, 2.7 and 2.8 are compulsory for all. Accounting and Finance Group students shall opt Group A Papers, Paper No 2.9 A and 2.10 A. Management and Marketing Group students shall opt Group B Papers, Paper No 2.9 B and 2.10 B

In 3rd Semester Paper 3.11, 3.12 and 3.13 are compulsory for all. Accounting and Finance Group students shall opt Group A Papers, Paper No 3.14 A and 3.15A. Management and Marketing Group students shall opt Group B Papers, Paper No 3.14 B and 3.15B

In 4th Semester Paper No. 4.16 and 4.17 are compulsory for all. From the remaining four papers (Paper No 4.18, 4.19, 4.20, and 4.21) a candidate shall opt any three papers.

M.COM COURSE STRUCTURE UNDER IDOL

Semester	Paper No. & Paper Name	End Semester Marks	Home Assignment	Total Marks
1 st	1.1 Business Policy Analysis	80	20	100
	1.2 Financial Analysis	80	20	100
	1.3 Marketing Policy Analysis	80	20	100
	1.4 Business Statistics	80	20	100
	1.5: Financial Markets	80	20	100
	TOTAL			500
2 nd	2.6 Economic Legislations	80	20	100
	2.7 Organizational Behaviour	80	20	100
	2.8 Operations Research & Computer in Business	80	20	100

	2.9: A Financial Management and Control OR 2.9 B: Human Resource Planning & Management	80	20	100
	2.10: A Security Analysis & Portfolio Management OR 2.10 B: Marketing Research & Consumer Behaviour	80	20	100
	TOTAL			500
3rd	3.11: Research Methodology	80	20	100
	3.12 Project Management	80	20	100
	3.13: Entrepreneurship Management	80	20	100
	3.14 A: International Financial Management OR 3.14 B: Industrial Relations & Labour Laws	80 80	20 20	100 100
	3.15 A: Advanced Cost and Management Accounting OR 3.15 B: International Marketing	80 80	20 20	100 100
	TOTAL			500
4th	4.16 Strategic Management.	Compulsory		
	4.17: Marketing of Services			
	4.18 Financial Services			
	4.19: Tax Planning			
	4.20 Micro Finance			
	4.21 International Business			
	TOTAL			500

FIRST SEMESTER

1.1 Business Policy Analysis

Unit I:

Government and business; its interrelationship, Role of the Government as a regulator, promoter, entrepreneur, educator of business ideas; Government's role in changed environments.

Unit II:

Government policies on business-Industrial Policy Resolutions and statements; Industrial Development and Regulation Act 1951; Industrial licensing-Critical analysis; Fiscal and monetary policy.

Unit III:

Public ownership of business; Privatization and dis-investment of PSU, Exit policy.

Unit IV:

Foreign trade-policies and plans; Control of foreign trade; Exim policy and other recent export promotional measures.

Unit V:

Foreign investment-need and importance; types of foreign investment; its implication on domestic economy; Foreign investment policy in India, Technical foreign collaboration.

Unit VI:

Multinational companies-their role in host country; Modes of entry of MNCs; Govt. policy towards MNCs; position of MNCs in India; Transnational corporations.

Unit VII:

Special package for economic development of north eastern region; DONER and its role in economic development, infrastructure and industry; North East Industrial Policy-promotional measures for cross-border trade, Role of NEC and NEDFI.

Books Recommended:

1. Business Environment: Sikidar, Das Nath and Nath
2. Business and Government: N.K. Sengupta, Vikas Publishing Co, New Delhi.
3. Indian Economy: Rudder Dutta and Sundaram
4. Business and Government: Franchis Cherunilam, Huimalaya Publishing House.
5. Indian Economy: Agarwal, A.N.
6. NEC Journal
7. Indian Economy: S.K. Misra and V.K. Puri, Himalaya Publishing House.

1.2 Financial Analysis

Unit I:

Constituents of Financial Statement and their features, Elements of Financial Statement and their features; Accounting Information, Sources of Accounting Information, Qualitative features of Accounting Information; Various user groups of Accounting Information and their Accounting Information need in decision-making process.

Unit II:

Conceptual Framework of Accounting and Reporting; GAAP and Accounting Standards, their application in the preparation of Financial Statements; Accounting Standard Setting Process in India, and their compliance requirement.

Unit III:

Review of Companies Act. 1956 (including its amendments) in the preparation and presentation of Financial Statement.

Unit IV:

Techniques and tools of Financial Statement Analysis: Accounting Ratios, Common size Statement, Trend Analysis, Comparative Statement.

Unit V:

Application of Accounting Ratios in Decision Making; Predictive Value of Accounting Ratios. Ratio Analysis for Performance Evaluation (Activity and Profitability). Ratio Analysis for Financial Health (Solvency and Structural Analysis).

Unit VI:

Liquidity Analysis: Application of Accounting Ratios in the Analysis of Working Capital and Inter Firm Comparison.

Unit VII:

Statement of Changes in Financial Position: Funds Flow Analysis and Cash Flow Analysis; Cash Flow Statement and Cash Flow Accounting, Models of Cash Flow Accounting.

Unit VIII:

Valuation of Assets, Liabilities and Owners' Equity; Application of relevant Accounting Standards.

Unit IX:

Cash Studies

Books Recommended:

1. Financial Statement Analysis- Foster, Pearson Education, New Delhi.
2. Financial Policy and Management Accounting, - Bhabatosh Banerjee, Prentice hall of India, New Delhi.

3. Financial Statement Analysis – Sujit Sikidar & H.C. Gautam, New Central Book Agency, Kolkata
4. Management Accounting – M.Y. Khan and P.K. Jain, Tata McGraw Hill Publishing Co. Ltd. New Delhi.
5. Financial Accounting for Business Managers Ashis Kumar Bhattacharjee, Prentice Hall of India, New Delhi.
6. Accounting Theory- L.S. Porwal, Tata McGraw Hill Publishing Co. Ltd., New Delhi.

1.4 Marketing Policy Analysis

Unit I:

The nature and scope of Marketing: Role of marketing and its functions with special reference to an emerging economy. Modern concept of Marketing. Marketing as a philosophy of management. Relationship of marketing with other functional areas and general management in organization. Analyzing the micro-environment.

Unit II:

Product Policies- their importance: new product management- basic requirements for new product success. Developing the new product policies regarding addition, elimination and diversification of product lines. Simplification and standardization. Brand and trade mark. Style and design. Package planning and development.

Unit III:

Sales forecasting and planning: Developing and formulating sale plans, setting quantitative and qualitative objective, procedure for determining forecasts, study of seasonal demands, effect of changes in fashion and taste in planning sales programmes and campaign.

Unit IV:

Marketing strategies for distribution: planning channels of distribution suitable to various classes of goods and customers appraisal of sales, costs and profit possibilities of each channel distribution of raw materials. The changing face of retail.

Unit V:

Role of marketing communication, developing effective communication, identify the target audience. Determine the communication objective. Design the communication strategy developing and managing and advertising programme, sales promotion events and experiences, public relation.

Unit VI:

Developing and communication of positioning strategy for creating brand equity. Devising a branding strategy. Branding identify and customer loyalty. Brand image and personality.

Unit VII:

Direct marketing; benefits, Direct mail, catalogue marketing telemarketing, interactive marketing, placing ads and promotion on line, E-marketing guidelines, ethical issues, relationship marketing.

Unit VIII:

Case studies

Books Recommended:

1. Marketing Management- Philips Kotler, Prentice Hall India Pvt. Ltd., New Delhi. (2001).
2. Principle of Marketing- Kotler, Armstrong, Pearson Education 2004.
3. Marketing Management an Indian Perspective- P.K. Agarwal Pragati Prakasan, 2003.
4. E-Marketing- Judy Straus, Adel EL-Ansary, Raymond Frost, Prentice Hall, India, 2004.
5. Brand Switch- Jagdeep Kappor, Jaico Books, 2004.
6. Marketing Managerial Introduction- IC. Gandhi, Tata McGraw Hill Publication, 1993.
7. Market Based Management Strategies for Growing Customer value and profitability- Roger J. Best, Prentice Hall India Pvt. Ltd. 2005.
8. Marketing- Michael. J. Etzel, Bruce J. Walker, William J. Stanton, Tata McGraw Hill publication, 2004.
9. Marketing Management Planning, Implementation and Control, The Context V.S. Ramswamy, S. Namakumari, Macmillan India Ltd. 2001.
10. Marketing Management – Philips Kotler, Kenin Lane Keller, Prentice Hall of India, 2005.
11. Brand Management Text & Case an Indian Perceptive- Dr. S.L. Gupta, Himalya Publication House, 2000.
12. Marketing Management- Ranjan, Saxena, Tata McGraw Hall.
13. Kumar, Marketing & Branding, Perason Education, Delhi-92.

1.4 Business Statistics

Unit I: probability and Probability Distributions:

Probability: Various approaches to probability, dependent and independent events, conditional probability, Baye's rule, importance of probability theory in decision making; mathematical expectation & variance of a random variable, laws of expectation; concept of probability distribution, normal probability distribution.

Unit II: Sampling Distribution, Theory of Estimation and Testing of Hypothesis

Sampling distribution of a statistic and its standard error, statement of Central Limit Theorem, estimation of the mean and the variance of the sampling distribution of the sample means; Testing of hypothesis: Type I and Type II errors, one tailed and two tailed tests, tests based on standard normal test, 't' test, chi-square (χ^2) test and F-test.

Unit III: Partial and Multiple Correlation and Regression, Association of Attributes:

Concept of partial and multiple correlation and regression, various formulate and problems; association of attributes: concept, order of a class, class frequency, consistency

of data, kinds of association of attributes, methods of measuring association between two attributes, partial association.

Unit IV: Business Forecasting:

Steps in business forecasting, methods of business forecasting: Naïve method barometric method, econometric method, utility and reliability of business forecasting

Unit V: Measures of Inequality

The variance and the coefficient of variation, the standard deviation of logarithms, the Lorenz curve and Gini coefficient.

Unit VI: Statistical Quality Control (SQC)

Meaning of SQC, process control; control charts: \bar{X} , \bar{R} , P and C charts, product control; single and double sampling inspection plans, concepts of OC curve, AQL, LTPD, AOQ and AOQL.

UNIT VI: Decision Theory:

Steps in decision making environments, decision making under conditions of uncertainty, decision making under conditions of risk, decision trees, advantages and limitations of decision trees.

Books Recommended:

1. Essential Statistics for Economics and Commerce: Padmalochan Hazarika, Akansha Publishing House, New Delhi.
2. Business Statistics- S. Saha, New Central Book Agency.
3. Basic Statistics- B.L. Agarwal, New Age International Limited.
4. Statistics for Management Prentice Hall of India Limited Levin Richard, and Rubin David
5. Quantitative Techniques for Decision Making- Anand Sharma, Himalaya Publishing House.

1.5: Financial Markets

Unit I:

Nature and Role of Financial System; Financial System and Economic Development, Overview of Indian Financial System. Major Components-Money Market, Capital Market, Forex Market and Derivative Market.

Unit II:

Money Market, constituents of money market, participants in money market, money market instruments; Capital Market, Primary Market: Equity and Debt Market, Secondary Market- stock market and trading mechanism, Derivatives and risk management- various types of derivatives- forward, futures and options, trading on derivatives.

Unit III:

Financial Institutions: Commercial Banks-Functions of modern commercial bank, Development of Commercial Banks in India, structure of commercial banks in India, Role of Commercial banks, Reforms in commercial banking.

Unit IV

Non-banking Financial Institutions (NBFIs)- Role of NBFIs, sources of finance, functions and investment policies, Types of NBFIs; Mutual Funds- Concept, types, role of mutual funds in financial market, regulation of mutual funds under SEBI, Credit Rating and Credit Rating Agencies.

Unit V:

Regulatory Institutions- Role of Government in Financial markets, Reserve Bank of India; Functions, Role of RBI in regulating financial market, Securities and Exchange Board of India and regulating provisions, Securities (Contract and Regulation) Act 1956.

Unit VI:

Foreign Capital flows: forms of foreign capital, uses of foreign capital, international financial instruments, trends of foreign capital inflows in India.

Books Recommended:

1. Financial Institution and Markets- L.M. Bhole, Tata McGraw Hill, New Delhi.
2. Financial Institutions and Markets- Bharati Pathak, Pearson Educational Foundation, New Delhi.
3. The Indian Financial System and Development- Vasant Desai, Himalaya Publishing House, Mumbai.
4. Foundations of Financial Markets and Institutions- Frank Fabzzi, Franco Modigliani, Frank Jones and M.G. Ferri, Pearson Education, New Delhi.

2nd Semester

2.6 Economic Legislations

Unit I: Competition Act. 2002

Objective and definitions- Prohibition of certain agreements, abuse of dominant position and regulation of combinations- Competition commission of India: duties, powers and function of commission- Duties of Director General, Penalties- Provisions relating to finance, account and audit- Miscellaneous provisions.

Unit II: Foreign Exchange Management Act. 1999

Objects and definitions- Regulation and management of foreign exchange, Dealings in foreign exchange, holding of foreign exchange etc, current account transactions, capital account transactions, export of goods and services, realization and repatriation of foreign exchange, exemption, authorized person- contravention & penalties- Adjudication & appeal, directorate of enforcement- Miscellaneous provisions.

Unit III: Standards of Weights and Measures Act 1976

Objects, detailed study of the provisions relating to packaged commodities under the Act- Applicable provisions concerning penalties and offences.

Unit IV: Securities and Exchange Board of India Act. 1992

Objects, organization and management of SEBI- powers and functions of the board- registration certificate- provisions relating to finance, accounts and audit- penalties and adjudication- Securities appellate tribunal.

Unit V: The Essential Commodities Act. 1955

Object, power of the central government, seizure and confiscation of essential commodities, summary trial.

Unit VI: Law relating to pollution control and environment protection

Silent features of the Air (prevention and Control of Pollution) Law, Water and Environment (Protection) Law- various Boards and their functions and powers; duties of occupier of specified industries to ensure adherence to standards; offences by companies. Legal and regulatory framework, procedures of obtaining various environments clearances: role and functions of Environment Tribunal Authority.

Unit VII: The Right to Information Act 2005

Preliminary, right to information and obligation of public authority, The Central Information Commission, the State Information Commission, powers and functions of the Information Commissions, appeals and penalties.

Books Recommended:

1. Economic Laws- Taxman Publication
2. Foreign Exchange Law & Practice- Gupta S.k. & Ajay Jain

3. Commentaries on Essential Commodities Act.- D.P. Varshini.
4. Essential Commodities Act Sarjoo Prasad.
5. Lall's Commentaries on water and Air Pollution Act- Law Publisher, Allahabad
6. Economic Laws & Practice- Sanjeev Kumar (Vrinda Publication)
7. R.T. Act., 2005.
8. Economic Labour & Industrial Laws- Gulshan & Kapoor.

2.7 Organizational Behaviour

Unit I:

Behaviour in Organization: Concept-Goals importance different approaches to human behaviour, Organizational Goals: Concept-goal setting-process, individual goal, organizational goals-goal succession-goal displacement-goal distortion-goal compatibility.

Unit II:

Personality Development and Theories: different theories and their needs, importance-management of sick personality workers- Rationality and its limits.

Unit III:

Perception concept-process-application, Learning: concept-process-classical conditioning-operational conditioning application.

Unit IV:

Transactional Analysis: concept-types, transaction proper-life script-strove analysis, game analysis-utility-development of interpersonal relationship.

Unit V:

Organizational Climate: nature of climate-factors affecting OC-impact of OC. Influence of culture in organization-management culture.

Unit VI:

Organizational Effectiveness: effectiveness and efficiency-factors affecting OE

Unit VII:

Group dynamics: Formal groups-reasons for growth-group structure-group conflict-weaknesses-benefits of IFO.

Unit VIII:

Management of conflict in Organization: conflict at individual level, group level and organizational level-modes of conflict management.

Unit IX:

Controlling and directing organizational behaviour-leadership-theories and practices, motivation-theories and practices.

Unit X:

Stress and behaviour: the general adaptation syndrome, stress responses, basic forms of stress, frustration and anxiety, source of stress, consequences of job stress, stress and jobs, performance, job burnout, coping with stress.

Unit XI:

Study of cases relevant to the above chapters.

Books Recommended:

1. Organization Behaviour- Luthans Fred, McGraw Hill.
2. Behaviour in Organization – Rebbet E. Cottee Anthroury G. Athens Pepet A. Thoynoled.
3. Organization Structure and Dynamic- Bakka L. W. Gris A. Ragysic.
4. Organizational Behaviour- Deka, G.C., A Conceptual and Application Approach.
5. Organizational Behaviour – Keith Davis
6. Organizational Behaviour- Stephen P. Robbins.
7. Administrative Behaviour – Herbert A. Simon.
8. Organizational Behaviour concepts and controversies
9. Organizational Behaviour- Human Behaviour at work- Newstrom Hohn W. and Davis Kailu.
10. Organizational Behaviour – S.S. Khanks, S. Chand & Co.
11. Organizational Behaviour – Uma Sekharan, Tata McGraw Hill Publishing Co.
12. Organizational Behaviour- R. Banerjee, New Central Book Agency, Calcutta.
13. Organizational Behaviour- L.M. Prasad, S. Chand & Co., New Delhi.

2.8 Operations Research & Computer in Business

Group-A: Operations Research**Unit I:**

Origin and development of Operations Research (O.P.), phases of O.R., characteristics of O.R. model, role of O.R. in managerial decision making, use and limitations of O.R.

Unit II: Linear Programming Problem (LPP)

Meaning, uses and limitations, formulation of general LPP, solutions of LPP, solutions of LPP by graphic method and simplex method, artificial variable technique, duality in linear programming, economic interpretations of dual variables.

Unit III: Assignment and Transportation Problems:

Concept of assignment problem; transportation problem: definition, mathematical formulation of transportation problem, to find the initial basic feasible solution, to derive optimal solution by Modi Method, difference between a transportation problem and an assignment problem.

Unit IV: Theory of Games and Investment Analysis:

Theory of Games: Origin, two person and zero-sum (rectangular) game, strategy, maximin and minimax criteria of optimality, saddle point, solution of a rectangular game with and without saddle point, limitations of games in competition;

Investment Analysis: methods of investment analysis, breakeven analysis, payback period method, average (accounting) rate of return method, time adjusted or discounted

cash flow (DCF) method, discounted rate, certainty-equivalent approach, expected monetary value and Hillier and Hertz's models.

Books Recommended:

1. Operations Research- Swarup Kanti, P.K. Gupta, Sultan Chand & Sons.
2. Quantitative Techniques in Management- N.D. Vohra, Tata McGraw Hill.
3. Operations Research- An Introduction –A. Taha Hamdy, Mecomillan Publishing Company.
4. Operations Research- P.K. Gupta and D.S. Hira, S. Chand & Sons Company Ltd.
5. Operations Research- S.D. Sharma, Kedar Nath Ram Nath & Co.

Group-B: Computer Business

Unit V:

System Analysis and Design: concept of system; characteristics of a system, elements of a system; types of systems, systems models; open or closed systems; man-made information system; computer based information system.

Information System Development: The process of system development, system life cycle; system development methodologies.

System Analysis: System planning and initial investigation, information gathering, tools-interview, questionnaire; tools used in structured analysis data flow diagram (DFD), data dictionary, structured English, decision trees, decision tables.

System Design: The process and stages of system design, logical and physical design, design methodologies, input/output and forms design; file organization and data base design.

System Implementation: System testing quality assurance, hardware/software selection, system security.

Unit VI: Introduction to E-Commerce:

Meaning and concept; scope and promise; E-commerce and E-business; lure of E-commerce; different categories of E-commerce; encryption and authentication; elements of encryption, encryption keys; different devices of authentication, digital signatures, categories of digital signature, cryptographic algorithms, digital certificates, secure socket layer (SSL) secure electronic transaction (SET) biometrics; future of E-commerce.

Books Recommended:

1. Understanding Electronic Commerce- Kosiv, David, Microsoft Press, Washington.
2. E-Commerce- A Managers' Guide to E-Commerce- Parag Diwan and Sunil Sharma, Excel Books, New Delhi.
3. System Analysis and Design- Kendall and Kendall, Pearson Education, Singapore.
4. System Analysis and Design- E.M. Award, Galgotia Publication, New Delhi.
5. An Introduction to Database System- C.J. Date, Pearson Education, (Singapore), New Delhi.

2.9: A Financial Management and Control

Unit I:

Introduction to Financial Management- objectives, nature and scope of finance function, components of financial system.

Unit II:

Financing Decision- operating and financial leverage, capital structure theories, Net income approach, net operating income approach, traditional approach, factors affecting capital structure, optimal structure, over capitalization and under-capitalization.

Unit III:

Working capital management, estimation of working capital requirements, working capital policy-conservation, moderate and aggressive, cash management, receivables management, financing current assets-sources, regulations of bank finance and recommendation of various committees.

Unit IV:

Long-term investment decisions-principles and methods of appraisal- concept and measurement of cost of capital- risk and return analysis of capital investments. Computation of various types of return.

Unit V:

Dividend Decision- dividend and valuation-MM hypothesis, Walter's Model, Gordon's model, determinants of dividend policy- dividend pay-out ratio consideration, market consideration.

Unit VI:

Inflation and financial management, effects of inflation on current assets, fixed assets, liabilities working capital and profit, inflation and capital budgeting.

Unit VII:

Constituents and preparation of project Report: contents, evaluation of projects and techniques of evaluation.

Books Recommended:

1. Financial Management and Control- A.K. Chakraborty, McMillan
2. Financial Management- M.Y. Khan & P.C. Jain (TMH)
3. Financial Management, Theory & Practice- Prasanna Chandra (TMG) 4, Financial Management- Vanhorne.

2.10: A Security Analysis & Portfolio Management

Unit I:

Investment: concept of investment, investment objectives, security and non-security form of investment, concept of portfolio management, phases of portfolio management; risk and return, types of risk, measurement of risk.

Unit II:

Securities market: securities market and their functions, methods of raising capital, stock market in India, security market Indices- purpose, factors influencing construction of index, methods of constructing index.

Unit III:

Analysis of equity investment: economic analysis, industry and company analysis, technical analysis, efficient market hypothesis.

Unit IV:

Portfolio Analysis: meaning, portfolio risk and return, markwitz risk-return optimization, single index model, sharpe index model, portfolio data, efficient frontier; portfolio selection- risk and investor preference, capital asset pricing model.

Unit V:

Portfolio Revision: meaning, significance and strategies; portfolio evaluation meaning, performance measurement of portfolios, Sharpe's, Treynor's and Jensens's measure of portfolio performance.

Unit VI:

Derivative: meaning and evaluation of derivatives, options, futures, portfolio management using futures and options.

Books Recommended:

1. Investment Analysis and Portfolio Management- M. Ranganathanam and R. Madhumathi, Pearson Education.
2. Security Analysis and Portfolio Management- V.A. Avadhani, Himalaya Publishing House.
3. Security Analysis and Portfolio Management- Jordan and Gordon, Prentice Hall India.
4. Portfolio Management –Samir K. Barua, J. Verma & V. Raghunathan, Tata McGraw Hill.
5. Investment Analysis and Portfolio Management- Prasanna Chandra.

2.9 B: Human Resource Planning & Management

Unit I:

Basic Human Resource Planning: Macro level scenario of Human Resource Planning, concept and process of Human Resource Planning, Methods and Techniques- Demand and supply forecasting.

Unit II:

Job Analysis: concept, scope and limitation, job description, job specification.

Unit III:

Action Areas: issues and experiences, selection and recruitment, induction and placement, performance and potential appraisal, transfer, promotion and reward policies, retrenching, separation, down signing, outplacement, managing diversity, managing compensation, succession planning.

Unit IV:

Measurement of Human Resource Planning: Human resource information system, human resource accounting, human resource audit, productive incentive.

Unit V:

Human Resource Development: concept, evolution, definition, scope, functions and importance of Human resource scanning, Role of HRM in strategic planning.

Unit VI:

Importance of training, preparation of training programme and their implementation, training of operative personnel, executive development programme, career development challenges, self development. Evaluation of training effectiveness.

Unit VII:

Promoting work effort, motivation, theories of motivation, incentive schemes, principles of fringes, labour turnover and absenteeism.

Unit VIII:

A brief introduction to wage and salary policies and administration Job enlargement and environment, job design, employees moral and industrial productivity, occupational hazard and safety, accident analysis and prevention.

Unit IX:

Disciplining and counseling of employees, importance of human relation, concept of industrial relation, present state of industrial relation in India, an idea about trade unionism, industrial disputes- causes and remedial measures, union regulation, collective bargaining, workers participation in management, labour legislation, cost-benefit concept in HRM. Challenges to HRM.

Unit X:

Short case studies in strategic human resource management, corporate culture, HRM planning and industrial relations.

Books Recommended:

1. Personnel Management- E.B. Flippo (1984), McGraw Hill
2. Personnel Management- North, Coltof, Principles and Practice.
3. Personnel Management- D.P. Scot.
4. Personnel Management & Industrial Relations- Yoder Dale, Prentice Hall, New Delhi
5. Managing Human Resources- Mejia, Balkin, Cardy, Pearson Education.
6. Managing Human Resources- W.Casio, McGraw Hill, New York.
7. Human Resources Management- Concepts and Practices- Decenzo Devid and Robin Stephen, Wiley, New York.
8. Managing Human Resources- Schuler Randall, St. Paul, West Publishing.
9. Human Resources Management- Dipak Kr. Bhattacharyya, Excel Book, Excel Printers C-206, Naraina Industrial Area, Phase I, New Delhi-110028.
10. Human Resources Management- S.S. Khanka, S. Chand & Co.
11. Mondy, Human Resources Management, Pearson Education, Delhi-92

2.10 B: Marketing Research & Consumer Behaviour

Unit I:

Introduction to Marketing Research: Its growth and evolution Nature and scope of marketing and research, interaction between management and marketing research, applications and limitation of marketing research, marketing information system.

Unit II:

Marketing Research Management: Importance of research management, qualities of marketing research manager, organization of marketing research deptt. (Organisation within the group and out side the group) organization of marketing research function, evaluation and control.

Unit III:

Scientific method and the marketing research process: Steps in designing a research, formulating the research problem, research design, source of data, primary and secondary data, sampling design, sampling size, organizing and conducting the field survey, processing and analyzing the collected data, preparing the research report. What is scientific method, scientific method in the physical science and marketing, difficulties in applying the scientific method to marketing.

Unit IV:

Data collection, sampling and reporting: Primary data, secondary data, interpretation, analysis, preparation of report and evaluation oral and written reports.

Unit V:

Importance of consumer behaviour in marketing in management approaches to the study of consumer behaviour. Variable influencing consumer behaviour Economic variable determining consumption, income, prices and utility. Social influence on consumer behaviour, cultural and sub-cultural influences, social classes, social groups, life styles, self-concept, family in consumer behaviour.

Unit VI:

Psychological concepts in consumer behaviour, learning process perception, cognition mapping, attribution process, motivation and personality, attitude.

Books Recommended:

1. Marketing Research Text and Cases- Harper W. Boyd Jr. Ralph Westfall Stanley F. Starch, AITBS, 2004.
2. Marketing Research- G.C. Beri, Tata McGraw Hill, 2001.
3. Marketing Research- B.S. Goel, Pragati Prakashan, 1998.

3rd Semester

3.11: Research Methodology

Unit I:

Concept and nature of research, objectives of research, criteria of a good research, social science research, business research, approaches to research-qualitative and quantitative research, types of research- pure and applied research, descriptive and analytical research, exploratory and empirical research, case study research, research and research methodology, difficulties of social science research in India.

Unit II:

Research Design- features of a good research design, defining research problem, components of research problem, selection and formulation of research problem; formulation of hypothesis, types of research design research design for experimental, exploratory and descriptive research.

Unit III:

Sampling Design: meaning and significance of sample, sampling process, principles of sampling: essentials of a good sample, methods of sampling: random sampling, stratified sampling, judgment or purposive sampling, double and multistage sampling; determination of sample size.

Unit IV:

Data Collection: types of data, methods of collection of primary data, collection secondary data and limitations of secondary data.

Unit V:

Data processing, analysis and interpretation: steps in data processing, editing, coding, classification and tabulation, analysis and interpretation of data.

Unit VI:

Test of Significance and Analysis of Variance (ANOVA): testing of hypothesis, Z-test, chi-square test and F-test; ANOVA: meaning, basics principles, assumptions, one-way and two-way ANOVA.

Unit VII:

Report Writing: Types of report, steps in report writing, format of report, presentation style.

Books Recommended:

1. Research Methodology in Social Science- P. Sarvanavel, Katiab Mahal.
2. Research Methodology in Management- V.P. Michael, Himalaya Publishing House.
3. Research Methodology: Methods and Techniques- C.R. Kothari, New Age International.
4. Research Methodology for Business Students- M. Saunders, Philip Lewis and Adrian Thornhill, Pearson Education.
5. Statistics for Management- R.I. Levin and D.S. Rubin, Prentice Hall of India.

3.12 Project Management

Unit 1: Project Management – Meaning and scope, Need of project management, Life cycle of a project – conception and selection, planning and scheduling, implementation and control, evaluation and termination. (6)

Unit 2: Project Analysis and Selection – Identification of investment opportunities, project initiation, Market and Demand Analysis, Technical Analysis, Economic and Financial Analysis, Social Cost and Benefit Analysis, Formulation of Detailed project report. (18)

Unit 3: Project Planning & Scheduling – Planning Resources, Planning of Physical Resources, Planning of Human Resources, Planning Financial Resources, Project organizing, Planning Time Scales-Network/PERT Analysis. (10)

Unit 4: Implementation and Control – Project Management Information System, Monitoring and Reporting –Physical resources, human resources, and financial resources-cost control.

Unit 5: Project Completion and Evaluation- Integrated Project Management Control System, managing Transition for project to operation, project completion and evaluation, project review, project termination. (8)

Suggested Readings:

1. Project Planning, Analysis, Selection Implementation and Review by Prasanna Chandra, Tata McGraw Hill, New Delhi.
2. Fundamentals of Project Management by P Lewis, AMACOM Div, American Management Association.
3. Project Management – A Systems Approach to Planning and Controlling by Harold Kerznor, Pearson Education Inc.
4. Project Management and Control by Narendra Singh, Himalaya Publishing House, Mumbai.

3.13 : Entrepreneurship Management

Unit I:

Introduction: definition-nature-scope and importance its relevance in different economic systems- its significance to Indian economy under the new economic order.

Unit II:

Setting-up of an entrepreneurial venture

- a) Identifying and conceiving opportunities in agriculture, trade, industry, transports, insurance and related service organizations.
- b) Converting conceived business opportunities into reality: location, infrastructure facilities, Aid from Government, semi-up of an enterprise on hand (case studies in setting up of as enterprise covering a minimum of five years of initial period).

Unit III:

Management of the Venture

- a) Stages of development- small, medium and large scale.
- b) Management of functional areas viz. production, purchase, Marketing, Finance, Personnel, Finance, at different stages development in terms of planning and control and decision making- management of conflict.
- c) Environment facing different kinds of ventures at different stages of development- governmental laws.
- d) Self-development of the entrepreneur-self-evaluation of the individual and institution at different stages of enterprise and entrepreneurial growth, motivation for individual and institutional development- training needs of the entrepreneur evaluation of the organization structures.
- e) Creativity and Techno-economic innovation for entrepreneurs management of family business-socio-psychological factors influencing entrepreneurship development

Unit IV:

Professional entrepreneurship and professional managers- their role in managing on enterprise-position in the Indian management scene-agencies promoting entrepreneurial development –role of concessions, subsidies incentives- technical assistance.

Unit V:

Entrepreneurs in India- study of profiles- recent trends- scope use profitability profit-oriented and non-profit oriented organization.

Books Recommended:

1. Indian Entrepreneurship and Industries: Challenges Ahead- Dr. Vivek Deolankar, Commonwealth Publishers, New Delhi, 1996.
2. Management of Small Scale Industries- Dr. Vivek Deolankar, Commonwealth Publishers, New Delhi, 1996.
3. Entrepreneurship of Small Scale Industries; Concept Growth Management M.U. Deshpande, Deep and Deep Publications, New Delhi, 1982.
4. Labour Laws- Taxman, Taxman Allied Services, (P) Ltd. New Delhi, 1995.
5. Small-Scale Industries and Entrepreneurship- Dr. Vasanta Desai, Himalaya Publishing, 1st Edn. 1995.
6. Entrepreneurial Challenge in Under Developed Sectors- P. Subba Rao & M. Sundaram, Entrepreneurial Development Programme Series, Kanishka Publishers Distributors, Delhi, 1993.
7. Self-Mode Impact Making Entrepreneurs- Research Teamby Gautam Raj Jani and M. Akbar Ansari, Entrepreneurship Development Institute of India, Ahmedabad 1988.
8. No-born- The created entrepreneurs- Jose Subastian and Thakur, Entrepreneurship Development Institute of India, Ahmedabad 1994.
9. Zimmerer: Essential of Entrepreneurship and Small Business Management, Pearson Education, Delhi-6.

3.14 A: International Financial Management

Unit I:

International Finance- Importance, Finance Function in Multinational Firm, Trends in International Trade and Cross-border Financial Flows, Gains from international trade and investment, Balance of Payments. Currency convertibility, concept of revenue account and capital account convertibility.

Unit II:

International Monetary System. Exchange Rate Regimes, International Monetary Fund, European Monetary System, European Monetary Union, World Bank.

Unit III:

International Finance Markets-Euro-markets Institutions.

Unit IV:

Foreign Exchange Market, Structure of Foreign Exchange Markets and participants, Type of Transactions, Mechanism of Currency Dealing. Exchange Rate Quotations, Arbitrage, Forward Rates. Foreign Exchange Market in India.

Unit V:

Exchange Rate Theories: Purchasing Power Parity Theory, Interest Rate Parity, future spot exchange rate, methods of forecasting exchanges rates.

Unit VI:

Nature and measurement of exposure and risk- defining foreign exchange exposure, transactions exposure, translation exposure, operating exposure, hedging strategies.

Books Recommended:

1. International Financial Management- P.G. Apte, Tata McGraw Hill.
2. International Financial Institutions and Monetary Management- S. Sikidar, D. Bhorali, Kalyani Publishers.
3. International Financial Management- P.K. Jain
4. Multinational Financial Management- Shapiro, Prentice Hall India.
5. International Financial Management- V. Sharan, Prentice Hall of India, New Delhi.

3.14 B: Industrial Relations & Labour Laws

Unit I:

Approaches to industrial relations, Dynamics of Industrial conflict, unfair labour practices and victimization. Industrial work force analysis, size and composition. Problems of Commitment. Trade Unionism. Theories, structure, types and growth, trade union in developing economy.

Unit II:

Trade union movement in India, issues in trade unions democratic unionism, problems: size, structure, finance, problem of leadership. Political influence on trade unions. Workers Education. The trade union rivalry and reorganization. Employers organization. Role of trade union in the changed economic scenario.

Unit III:

Management Vs. Union, rights, unions and technological changes. Industrial relation system. Role of state in industrial relations. Industrial relations and labour policy since independence. Instruments of economic coercion, discipline, domestic enquiry grievance procedure and disciplinary action. Principle of natural justice.

Unit IV:

Machinery for prevention of industrial disputes. Welfare Officer works committees. Joint Management Council, Ethical Codes.

Unit V:

Methods of setting Industrial Disputes. Arbitration Adjudication, Tripartite and Bipartite Machinery.

Unit VI:

Collective Bargaining, workers' participation in management. Labour management and co-operation. Industrial relations and related legislations with special reference to industrial disputes Act. 1947 labour welfare and social security.

Unit VII:

Lok Adalat as a body to conduct mediation.

Unit VIII:

Case studies

Books Recommended:

1. Dynamic of Industrial Relationship- C.B. Memoria.
2. Industrial Relations and Labour Law- S.C. Srivastava.
3. Labour and Management in Industrial Society- Keer Clark
4. Industrial Relations- Mayers Chars A. and Subbiah.
5. Industrial Relations and the government- Me Naughtm, Wayne HH & Joseph Hazn.
6. Labour Management Relations in India- Subramaniam
7. Unions, Employees and Government- V.D. Kennedy.

8. Labour Problems in India- S.N. Mehrotra
9. Collective Bargaining and the Indian SCENE- B.K. Tandon
10. Industrial Relations Systems- Dunlop, J.T.
11. Issues in Indian Labour Policy- Johri C.K.
12. National Commission of Labour- Report.
13. Industrial Relations & Personnel Management- Dale Yoder.
14. Human Resource Management- Biswajit Pattnaik.

3.15 A: Advanced Cost and Management Accounting

Unit I

Const concepts and Analysis: Relevant costs for decision making, Decision in pricing, product mix, make or buy, shut down etc.

Unit II:

Management control system: Objectives, Maximization of value or Profit, Management control system Vis-à-vis strategy formulation and control, Management control procedure.

Unit III:

Responsibility Accounting: Transfer Pricing.

Unit IV:

Budgetary control: Behavioural aspect of Budget, Participation in budgetary process, performance budgeting and zero-based budgeting.

Unit V:

Management Information System: Concept, Objectives, Functions, types and nature or Reports and their contents. Application of computer in Management Accounting Purposes.

Unit VI:

Value analysis, cost control reduction and productivity, cost efficiency and effectiveness.

Unit VII:

Cost and Management Audit.

Unit VIII:

Activity based costing: Human Resource Accounting; Environmental Accounting.

Unit IX:

Case studies

Books Recommended:

1. Advanced Cost Accounting- Khan & Jain
2. Cost Accounting- B. Banerjee, World Press, P. Ltd. Calcutta.
3. Principles and Practice of Cost Accounting- N.N. Prasad, Book Syndicate.
4. Principles and Application of Cost Accounting- Mitra & Ghosh, Tee Dee Pub.
5. Cost and Management Audit- Saxena, Vishist, Sultan Chand.
6. Introduction to Management Accounting- Pearson Education, Delhi092.
7. Management Control Systems- Anthony, Weldon & Vancil.
8. Management Accounting- Shastry & Dhameja.

3.15 B: International Marketing

Unit I:

Framework of International Marketing: concept, scope its growing importance, factors affecting international marketing; controllable and uncontrollable factors; International Marketing environment: cultural, political, geographical economic and legal requisitions trade clearance (tariff and non tariff behaviours).

Unit II:

Market Selection- Market profiling, market segment selection. Market entry strategies: MNCs and World Markets. Market Agreements in Force Free trade zones. Export Finance- EXIM Bank, Institutional Finance for import; IDBI ECGC and export credit insurance.

Unit III:

International Marketing decision; International product planning Product design strategy, new product development; branding packaging and labeling. International pricing strategy. Pricing objectives, pricing methods dumping, transfer pricing, retrograde pricing, International Channels of Distribution; International channel system direct exports, indirect exports, marketing environment and distribution strategies, international logistics. International promotion: determining advertising strategy, communication mix role of export organization, management of sales force.

Unit IV:

Organization and Planning International Marketing. New perspectives on organization-corporate, networking; dimensions of international planning and strategy. International marketing information system and marketing research.

Unit V:

WTO and trade liberalization International Marketing institutions; Central advisory council; Export development councils, commodity boards, Export promotion council, Trade development authority; Trade fair authority, STC, MMTC, India's foreign trade and balance of payment position. Export procedure, export incentives and subsidies.

Books Recommended:

1. International Marketing- Francis Cherunilam, Himalaya Publishing House.
2. International Marketing- Subhash C. Jain, Asian Book Pvt. Ltd., New Delhi, 2001.
3. International Marketing- Rathore, Jain Rathore, Himalaya Publishing House.
4. International Marketing- Sreenivasan, Prentice Hall India.

4.16 Strategic Management

Marks – 80

1. Corporate strategy & Planning: Concept Strategy-organizational purpose and missions- Objective and Goals- Policies-Programme Strategies, Kinds of Strategies-McKinsey 7-S framework-Corporate Policy & Planning in India-Definition-Characteristics-benefits-Why Corporate planning fails.
2. **Board of Directors:** Role & Function- Responsibility of BOD's- Size, Types and composition of Boards- Boards in Public & Private Sector Enterprises, Enhancing Boards Effectiveness0 Top Management- CEO- Role & Functions of top management- Corporate values.
3. **SWOT Analysis:** Environmental analysis- Constituents and Impacts Assessing the impact of Opportunities-Competitive Analysis- Economist's Viewpoint- Marketing Viewpoint- Porter's Framework- Competitor.
Analysis-Strategy-Performance-Strengths & Weaknesses- Reaction; Internal Corporate Analysis- Criteria for determining & measuring Strengths & Weaknesses- Identifying Strengths & Weakness- Concept of Synergy.
4. **strategic Analysis:** Cost Dynamics- Cost levels in India-Causes & Effects of High Cost in India-Break-Even Analysis-Sensitivity Analysis-portfolio Display Matrices-Boston Consulting Group's Growth Share Matrix; McKinsey Matrix- Artur D. Little Company's matrix; Operating & Financial, Analysis- Techniques of strategic Financial Analysis- Financial Ratios, Return on Sales & Investment.
5. **Strategic Choices:** Strategic alternatives- classification- selection; Diversification-Types- Related & Unrelated-Integration-synergy; diversifications vs. Expansion- Mergers & acquisitions- Merger Motivations- screening process- Valuation for Mergers & Acquisitions- Merger policies.
6. **Implementation & evaluation of Strategy:** Resource Allocation-Organisation structure- Leadership-Communication of strategy-evaluation and control of strategy-evaluation & control process- key variables-performance standards Analysis & follow up action for control-problems of control systems, turnaround strategies
7. **Case Studies:** What is case? –Objective of Case Method-Benefits Analytical Tools- SWOT Analysis-Ratio analysis-Portfolio Analysis-Strategic Audit-Guide for Case Preparation.

Books Recommended:

1. Corporate Business Policy and Planning –P.K. Ghosh, Sultan Chand Sons, New Delhi-2.
2. Corporate Strategy – Ranjan Das, Tata McGraw Hill Pub. Company.
3. Business Policy-Azhar Kazmi, Tata McGraw Hill.
4. Business Policy and Strategic Management – Cherruneelam Francis, Himalaya Publishing House.

4.17: Marketing of Services **Total Marks 80**

Unit I:

Introduction to service marketing service-definitions, characteristics, reasons for growth in service sector with special reference to India- Marketing mix for service; marketing segmentation-market information system.

Unit II:

Service strategy, market oriented service strategy. Demand variation in service and its management. Determinations of service quality, its management, Dimensions of total quality management; Service triangle; service models.

Unit III:

Service Products: development of a new service, differentiation, service product mix, packaging, branding, strategy for service; approaches to pricing of services- objectives, pricing strategies. Service location and providers, working of a service distribution system.

Unit IV:

People in Marketing of services: role of employees, managing customer participation, internal marketing objectives, influence of employee behaviour in service quality. External marketing-need, promotional campaign design, word of mouth communication. The service inter-action process, enhancing customer participation.

Unit V:

Marketing of Financial Services: Concept-factors governing the customer behaviour and psychology- marketing mix of financial services-Marketing of financial services in Indian Environment.

Unit VI:

Marketing of Health Services; characteristics of health services; type of health services-product planning and development- segmentation –pricing and promotion strategy in the Indian Environment.

Unit VII:

Marketing of tourism: Tourism product, development and management of tourist spot; pricing, strategic tourism promotion, tourism marketing prospects and promotion in North East region.

Books Recommended:

1. Text-book of Marketing Services- Nimit Choudhury, Monica Choudhury, The Indian Experience, McMillan, 2005.
2. Service Marketing- K. Rama Mohana Rao, Pearson Education, 2005.
3. Service Marketing- R. Srinivasana, The Indian Context, PHI, 2005.
4. Service Marketing- S.M. Jha, Himalaya Publishing House, 2004.
5. Service Marketing- Christopher Love Lock, Wirtz, People Technology Strategy, Pearson Education, 2005.
6. Verma, Harsh, Service Marketing, Pearson Education, 2008.

4.18: Financial Services

Total Marks 80

Unit I:

Evolution and Role of Financial Services in India- NBFCs; Banks, comparison of NBFCs with Banks, service provided.

Unit II:

Leasing- concept and classification, advantages and disadvantages of leasing, evolution of Indian Leasing Industry, Leasing and Commercial Banks, Tax implications of Leasing.

Unit III:

Hire Purchase- concept and characteristics, calculation of effective interest rate, tax-implication of Hire Purchase.

Unit IV:

Consumer Finance- Role of Consumer Credit, Features of Consumer Credit Transactions.

Unit V:

Venture capital- nature and scope, Investment process, (types of VC financing) evaluation criteria, limitations, venture capital funds in India.

Unit VI:

Insurance-services; Definition- Life Insurance, Marine Insurance, Miscellaneous Insurance.

Unit VII:

Miscellaneous financial services, Housing Finance, demat, depository services and stock broking services.

Books Recommended:

1. Financial Services- M.Y. Khan, Tata McGraw Hill.
2. Emerging Scenario of Financial Services- Gorden and Natarajan, Himalaya Publishing House.
3. Lease Financing, Theory & Practices- B.B., Himalaya Publishing House.
4. Venture Capital Financing in India- Verma

4.19 Tax Planning

Total Marks 80

Unit I:

Meaning concept of tax planning and tax management- distinction between tax planning, tax evasion and tax avoidance with illustrations. Tax planning through selection of suitable form of business organization, selection of type of business and industry and location; diversion of income and application of income.

Unit II:

Tax planning through the provisions of section 10 of the Income Tax Act. Relating to 'tax free incomes'- tax planning in regard to salary income of an individual; deductions and exemptions allowed in computing income from salaries and income from house property. Tax planning in regard to setting up and dates of commencement of business, make or buy decision; valuation of stock and export and domestic sales decision.

Unit III:

Capital assets in the context of capital gains and assets outside the purview of capital gains- taxation of long term and short term capital gains and exemptions thereof, for tax planning purposes.

Unit IV:

Tax planning in regard to residuary and non-residuary headings of income from other sources; taxability of interest on government securities and dividend from Indian companies- Tax planning and clubbing of incomes under section 64 of the IT Act. Important factors to be considered in regard to tax planning in case of an individual with reference to splitting of income and investment of surplus funds in selected securities. Tax planning and tax deducted at source and advance payment of tax by an individual assesses.

Unit V:

Tax planning by a partnership firm assessed as such and as association of persons. Tax planning by a company through the timing of payment of statutory dues, joint ventures

6. Micro Finance: Impacts and Insight, Rajgopalan S and Nirali Parikh, ICFAI Press.

4.21 International Business

Total Marks 80

1. Foreign Direct Investment and Multinational Corporations – MNC culture, MNCs and LDCs, joint ventures.
2. Regional Economic Integration, SAARC, ASEAN, European Economic Community, EEU, NAFTA, SAFTA, SAPTA.
3. India and WTO – Free and Fair trade, Trade in Services, Removal of trade barriers, Tariff and non-tariff barriers Dispute settlement mechanism, Innovation and Intellectual property Rights.
4. Export Impolicy, Duty entitlement Pass Book (DEPB), Letter of credit, Bank finance for export and import, documentation, customs duty Foreign exchange management, Foreign exchange exposure, risk management, transfer of international payments-Western Union Money Transfer.
5. Convertibility of Rupee currency, current and capital account transactions, Issues and Perceptions-heading techniques, derivatives and future IMF and World Bank.
6. Foreign Investment Institutions, Instruments: GDRs, ADRs, FIIs-their role in Indian Capital Market. Double Taxation Avoidance Agreement (DTAA).
7. Merger, Acquisition, takeover International merger and acquisition (M&A) International Strategic Alliance.

Suggested Books:

1. Heniz Weihrich, Mark V Cannice, Harold Koontz, Management: A Global and Entrepreneurial Peerspective, Tata McGraw Hill Publishing Co. Ltd., New Delhi 2008.
2. Y.K. Sarma, International Financial Management Prentice Hall of India, New Delhi.
3. V.A. Avadhani, International Finance, Himalaya Publishing House, Mumbai.
4. Helen Doresky, International Management, Prentice Hall of India, New Delhi.
5. Magandhi Ananta R, International Management, Prentice Hall of India, New Delhi.

6. Franchis Cherunilam, International Business, Prentice Hall of India, PHI, New Delhi.

4.22

4.23 E-COMMERCE

Total Marks: 80

Unit-I: Introduction to E-Commerce: Emergence of E-Commerce, different business models, E-business model based on relationship of transaction types- Brokerage Model, Aggregator Model, Info-mediary model, community model, value chain model; scope and promises of E-commerce, future of E-commerce. 10

Unit-II: Technology in E-commerce: Introduction to internet environment, Types of Network, Data Communication, Modes of data transmission, Network topologies, OSI models, different layers, concept of Protocols, URLs, ISP, Switching, Cookies, Bandwidth, www Browsers, Services, DNS. 20

Unit-III: Privacy and Security in E-commerce: Security methods, Encryption and Authentication, Elements and algorithm of encryption, Digital Signature and its categories, cryptographic algorithms, Encryption Standard, Digital certificates and their uses, Concept of Biometrics technology, Pretty Good Privacy (PGP) and its features, Firewall concept and its benefits. 15

Unit-IV: E-marketing: Concept of online marketing and its advantages, Idea of E-advertising, E-branding, Spiral branding, Different marketing strategies, Internet marketing trends; E-customer Relationship Management (CRM)- different issues of E_CRM. 10

Unit-V: E-payment Systems: Online payment categories, Micro payment system, E-cash – properties and legal issues, Idea of digital currency and E-cheque, Designing E-payment systems. 10

Unit-VI: E-banking: Impact of IT on Bank, functions of ATM, advantages and limitation of ATM, concept of Mobile Banking, Tele Banking, Internet Banking, Technique of Electronic Funds Transfer, Automated Clearing System (ACS) and its elements. 15

SUGGESTED READINGS

1. E-Commerce – A Managerial Perspective, P.T. Joseph, Prentice Hall of India.
2. Electronic Commerce –A Manager’s Guide, by Ravi Kalakota and Andrew B. Whinston, Pearson Education, New Delhi.
3. E-Commerce Logistics & Fulfillment by Deborah L. Bayles, Pearson Education, New Delhi.

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING (GUIDOL)

Programme Project Report (PPR)

PPR ID : GU/GUIDOL/PPR/15 (Total no. pages : 17)

Programme: M.A. in Mass Communication

1. Programme Mission and Objective:

The mission of the Programme to be launched is "to cater to the need of higher education in Mass Communication and Journalism and to widen the periphery of Media Education."

Objectives of the Programme:

- The primary objective of this programme is to plan for an all-round development of the media students that would comprise of aspects such as
 - imbibing correct media education principles
 - inculcating modern media perspectives
 - understanding professional ethics and determining the pathway for media growth
- Apart from that the other objectives of the programme are—
 - to introduce various aspects of mass communication and journalism to the students.
 - to acquaint and train them on different use of media strategies.
 - to develop the skills of the students on handling of different mass communication tools.
 - to generate competent and well-educated man-power for the teaching profession in media education as well as manning positions of research associates in public/private sector academic and research institutions.
 - to make the students prepared for adapting to the changing dynamics of the media world.
 - to give exposure to the students to various seminars, workshops, conclaves related to the field of Mass Communication and Open and Distance Learning(ODL).

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Communication and Journalism was established in 1967 and has set up, over the years, a close association with various Print and Electronic media houses of the region, Ad agencies, Public Relations Firms, Public Relations Society of India (PRSI), Film and Television Institutes, the Communication Cell of some government departments, the Public Relations Departments of various Government Departments as well as those of some PSUs, Corporate Houses and Private Sectors, some online media entities and other formal and informal organizations which give opportunity to the students to acquire access to practical knowledge and ideas in the field of media, mass communication overall and journalism.

Keeping in view the motto of "*Quality Higher Education For All*", Master of Arts in Mass Communication (MAMC) Programme offered/ to be offered through ODL mode is very much relevant to the HEI's mission and goals as it aims to provide quality higher education in Mass Communication to those aspiring candidates who are deprived of higher education for various reasons. Moreover, to keep the quality intact the curriculum and syllabus is designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and target group of learners: Our target group includes-

- (1) those deprived of admission in the parent department of regular mode due to limited intake capacity.
- (2) those employed in various organizations who desire to pursue higher education as a passion or as a mean for movement up the promotional ladder
- (3) drop outs primarily due to social, financial and economic compulsions as well as demographic factors.
- (4) job seekers in the various media houses, PR firms, Ad agencies etc.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an

indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI, external experts and teachers of Gauhati University Institute of Distance and Open Learning (GUIDOL), keeping in view the needs of the diverse class of learners.

3. **Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-**

The M.A. in Mass Communication (MAMC) Programme offered/to be offered through ODL Mode will have certain learning outcomes. The M.A. in Mass Communication Programme will help the learners

- to gain knowledge on various theoretical and practical aspects of Mass Communication
- to enumerate the existing and emerging trends of Journalism and Mass Communication
- to explain the methods of appropriate use of Mass Communication tools
- to inherit the ethical values related to the mass media
- to develop their skills on Information and Communication Technology (ICT) and Educational Media
- to encourage media entrepreneurship

The learners will also be acquainted with various generic skills and competencies for Team Work, Creative Writing and Thinking, Media Management, Multimedia and Animation etc.

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising of experts from the parent department of Gauhati University and GUIDOL, keeping in view the needs of the diverse groups of learners.
- b) **Detailed Syllabus:** File containing detailed syllabus is attached.
- c) **Duration of the Program:** Minimum 2 (two) years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in 4 (four) semesters with 5 (five) courses/papers in each semester. The learners will be provided

with the printed SLMs which cover almost all the contents in the syllabus (*Enclosure-III*). Counselling classes are/will be held in the headquarter and various affiliated study centres. Telephonic Counselling, Community Radio Talks and other Educational Programmes and provision of online learning resources are/will be a part of the instructional delivery mechanism. The progress of the learners is/will be evaluated by Internal Assessment and Term End/Semester End Examinations.

e) Faculty:

1. Dr. Chandan Kumar Goswami, MA, Ph.D.
Assistant Professor (Parent Department) & Programme Coordinator, GUIDOL
2. Mr. Alakesh Das, MA in Mass Communication
Assistant Professor, GUIDOL (Full Time)
3. More than thirty resource persons from various Print and Electronic Media Houses of the state, PRSI, RGFTI, Online Media Outlets, the Parent Department etc.

f) Media: Print Media, Electronic Media, ICT Enabled tools, e learning portal. Students shall also be given field exposure as under

1. opportunity to participate in Public Relations Conclaves organized by the Public Relations Society of India (PRSI), Guwahati Chapter.
2. opportunity to participate in workshops on DSLR Film Making organized by Little Hands Professional Group.
3. opportunity to participate in a seminars organized by the PRSI, Guwahati Chapter.
4. Opportunity to participate in the Media Blitz, 2017, the annual media festival organized by the Royal School of Communication and Media, Guwahati.
5. Opportunity to participate in the Guwahati International Documentary Film Festivals annually at Jyotichitraban Film and Television Institute, Guwahati.
6. opportunity to learn the practical aspects in Radio Luit, 90.8 FM, the Community Radio Service, Gauhati University.
7. More so, from time to time the students are sent to various events related to media such as film festivals, media festivals of Gauhati University named Communika held annually.

g) Student Support Services: In order to successfully execute the programme, the University has a wide range of Student Support Services for the ODL learners. The various Student Support Services are listed below:

- i) **Network of Study Centres:** To assist its learner the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- ii) **State of the art Library** with around 7000 collections of materials which includes books, journals, magazines, CDs and DVDs, dissertations etc.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North Eastern Region of India which provides the following services to the students:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student gets logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. A Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
 - Online Study Material
 - Old Examination Question Papers
- iv) **Dynamic Website** www.idolgu.in : Gauhati University has a separate dynamic website for the ODL learners where one can get all the information regarding its programmes, upcoming events, examination results etc.
- v) **Computerised admission process with provision of online admissions** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners through www.idolgu.in.
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling are/will be held in GUIDOL (headquarter) as well as in the parent department during all working days. Learners may walk in to the designated counselling room and meet their teachers to clarify their doubts.

vii) **Personal Contact Programme(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes(PCPs) are/will be held at various study centres, enabling the students to clarify their confusions and ease their difficulties while going through it. Qualified faculty members of study centres help out the attending students by providing necessary tips and guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

viii) **Community FM Radio**: Gauhati University has its own Community Radio Station named as “Radio Luit , 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station will be extensively used to broadcast Radio Talks on various courses daily. The broadcast contents are designed as per the requirements by faculty members of both GUIDOL and the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process starts from August and ends by the end of September every year. The learners can go for either offline or online admission process. The minimum eligibility for admission into the M.A. in Mass Communication Programme is graduate from any recognized Indian or Foreign University in any discipline irrespective of subject(s) pursued and percentage of marks obtained. The fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belonging to the SC/ST and OBC categories in the form of scholarship. A Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Hon’ble Vice Chancellor.

Curriculum transaction- Activity Planner: Enclosure II

Evaluation- Each theory paper carries 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/Internal Examinations. In order to pass/clear a theory paper, a candidate must secure minimum 35%. However, for the practical papers in each semester, the students will have to submit projects and other assigned practical works related to the field of Mass Communication and on those Viva Voce Examinations are/will be conducted and the pass percentage is 40 for each practical paper. All examinations are conducted by the Controller of Examinations as per Rules and Regulations of Gauhati University .

7. **Library Resources:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of the UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

8. **Estimated Cost of the Programme:** Total estimated cost of the programme is approximately Rs. 40 Lakhs which includes preparation and printing of SLMs, remuneration of the resource persons, establishment costs and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper/1000 students for the entire duration of two years.

9. **Quality Assurance Mechanism and Expected Programme Outcome:** The institute has an Internal Quality Assurance Cell constituted by the statutory body of Gauhati University. Members of the Cell are drawn from amongst the Deans of the different Faculties, Heads of the respective Departments, Executive Council Members, Administrative Staff and Faculty members of GUIDOL.

Course Benchmark Statement: Please refer to para 4 above . Further, the learners are/ will be equipped for professional competence and employability.

ENCLOSURE-I

Syllabus for MA in Mass Communication

Semester I

Paper I : Introduction to Mass Communication

Unit I: Definition of communication, verbal, non-verbal communication, intra personal, inter personal, small and large group, communication models, SMR, SMCR, Shannon and Weaver, Lasswel, Osgood, Dance, Schran, Gerbner, Newcombe, Convergent, Gate keeping.

Unit II: Mass communication, media of mass communication, characteristics of different mass media, Audience, Reach and Access, Media Systems and theories – Authoritarian, Libertarian, Socialistic, Social Responsibility, Development, Participatory, Hypodermic Needle Theory, Need gratification theory.

Unit III : Phases in the development of human communication, Traditional and folk media, early efforts in publishing newspapers in the country, development of mass media in the post independence era – Press, TV, Radio, Films, Regional language media.

Unit IV : Media organizations of the State and Central Governments, Press Council of India, Registrar of Newspapers in India(RNI), Central Board of Film Certification(CBFC) etc.

Paper II : Journalism

Unit I : Concept of News, sources of news, News Agencies – purpose, function, structure, important news agencies, news writing, authenticity, reporting, exclusive news, essentials of good reporting, responsibilities and liabilities of a news reporter

Unit II: Different types of reporting – investigative, interpretative, reporting beats, importance of background research, differences in reporting for radio / TV / Magazines

Unit III: Editing, meaning, process of editing for print media, newsroom set up, functions at each level, News headline, Photo editing, cropping, caption writing, news flow, reference section, deadline, headlines- types of headlines, layout, page make-up, different editions, internet editions, Supplements.

Unit IV: Audio-editing, video editing, film editing, on-line editing, non-linear editing, voice-over, dubbing, commentary.

Paper III: Advertising:

Unit I: Concept, Classification, Media of Advertising, Functions of Advertising, Difference between Advertising and Publicity, Marketing Communication and Propaganda,

Unit II: Organizational set up of an Ideal Advertising Agency – client servicing, Media Planning, creative, different types of agencies – outdoor, film, financial, consumer, corporate, ad agency services, Media Buying, Space Selling

Unit III: Differences of Advertising for Print, Radio and TV, Impact of advertising, Government / PSU's advertising, Social Marketing concept, Codes and Guidelines for advertising.

Unit IV: Associations – Advertising Agencies Association of India (AAAI), Advertising Standards Council of India(ASCI),

Paper IV : Public Relations

Unit I: Definition, growth and development, Propaganda, Publicity, Qualities of a good PR person. PR set up in an organization and its interface with other departments in that organization.

Unit II: Increasing importance of PR, Target Audience and Publics of PR – Internal, External, Tools of PR, House Journal, Bulletin Boards, Rejoinder, Press Briefing, Backgrounder, Open House, Video Magazine.

Unit IV: PR in Central and State Governments, Public Sector Undertaking (PSU), PR tools, PR and Crisis Management, Press Conferences, Public Relations Society of India (PRSI)

Unit IV: Corporate Communications, Corporate Social Responsibility.

Semester - II

Paper V : Electronic Media

Unit I : Introduction to Electronic Media, Growth and Development of TV, Radio & Films in the world and India.

Unit II : Radio - AM, FM, Community FM, Campus Radio, Pirate Radio, Educational Radio.

Unit III : Concept of New Media, Internet, e-journalism, internet editions of print media entities.

Unit IV : Script writing for TV/ Radio / Films, difference between News and Non-news programmes, emerging trends in IT.

Paper VI : Introduction to Science Communication

Unit I: Milestones in development of Science & Technology, latest trends, styles of presentation, study of different scientific journals – Down to Earth, Bijnan Jeuti, Science & Technology sections of various newspapers, English / vernacular, national and state level.

Unit II : Role of media in creating scientific temper in society, important tenets of science writing, how to make scientific development into smooth-reading ones for mass readers without a science background, sources of data, science writing for a person with non-science background.

Unit III : How to make complex scientific developments easier to understand by the common people, scientific laboratories and research centres of the country, their contributions and field-level applications, their own efforts for popularising scientific development and findings, and role of media.

Unit IV : DRDO, ICMR, ISRO, DRL, ICAR, Role of ISRO in popularising satellite communication, SITE Experiment, Kheda Project, Chambal Project.

Paper VII : Media Laws and Ethics

Unit I : Fundamental Rights, Freedom of Speech and Expression. Directive Principles of State policy, Emergency Provisions and its effect on media freedom, procedure for amending Indian Constitution, Privileges of Legislature and Parliament and effects on media reporting, History of Press Freedom in India – Pre and Post Independence era.

Unit II : Contempt of Courts Act 1971, Official Secrets Act 1923, Prasar Bharti Act, Intellectual Property Right Legislation, Copyright Act, Media and Public Interest Litigation Act, Cyber Laws.

Unit III : Ethical aspects in media including Privacy, Yellow Journalism, Biased Reporting, Ethical issues relating to Media Ownership, PCI Guidelines, proposed Media Council, Press Ombudsman, Accountability and Independence of Media.

Unit IV : International Humanitarian Laws (IHL) and Conflict Reporting, provisions for safe passage of media personnel in conflict situations.

Paper VIII : Global Media Systems

Unit I: Importance of study of Global Media Systems, the Western Bias in free Flow of Information /news to the Developing and Under-developed nation.

Unit II : Media System in the UK --- brief history, present status, influence over the global media scenario.

Unit III : USA---brief history,present status,influence over the global media scenario

unit IV: Canada –brief, history, present status, influence over the global media scenario

Semester III

In this Semester Paper IX will be Compulsory.

■**The special/ optional papers will have three papers with the last paper- Paper XII will be fully devoted for practical / projects.**

Paper IX : Current Affairs & Media Management

Part A : Current Affairs,

There will be no specific topic for the first half of this paper - Current Affairs. Teachers will identify some important topics and happenings at international, national and specially in the regional level in the fields of politics, socio-economic, sports and their relationship.

Students must keep themselves abreast of the current developments and happenings in the state, north- east region, national and international arena. Any issue of significance at these levels whether directly or indirectly related must be discussed.

They would be advised to regularly keep reading the current affairs newsmagazines like *Yojana*, *Kurukshetra*, *Frontline*, *India today*, *The week*, *Outlook* etc.

Part B : Media Management

Unit I : Principles of Media Management and its significance, Media as an Industry and profession

Unit II : Ownership patterns of mass media in India, circulation – price war, sales, advertising & marketing, personnel management, production.

Specializations / Optional :

Paper : X (Theoretical)

Paper : XI (Theoretical)

Paper : XII (Practical)

Semester IV

Paper XIII : Development Communication & Communication Research

Unit I : Development Communication – definition, strategies for Development Communication, Democratic Decentralization, Panchayati Raj, Communication for Rural Development, Agricultural Extension Education programmes,

Unit II : Diffusion of Innovation, Development Support Communication (DSC), Writing of development messages for rural, urban audience, specific requirements, of media writing with special reference to Radio and TV,

Unit III : Communication Research – definition, Elements of Research, Research Design and Methods – Census, Sample Design, Random Sampling, Sampling Errors, Survey, Observation, Case Study, Content Analysis, Data collection Tools – Sources, Questionnaire, Schedules, Field Study, Focus Group, Telephonic Survey

Unit IV : Evaluation & Feedback, Feed Forward, Media Habits, Public Opinion Surveys, pre-election studies and Exit Polls, Report preparation, - Data Analysis, media research as a tool for reporting, Readership / Audience Survey, preparing research reports, project report,

Paper XIV : New Media, Printing & Design

Unit I : Communication Technology – concept and scope, Use of Computer in Mass Communication, DTP, Pagemaker, Quark Express, Photoshop, Coreldraw, Paintbrush,

Unit II : Internet edition of newspapers, On line Editions, Cyber Newspapers, On line Editing, Internet browsing for information, Internet Advertising, Internet Service Protocol / Providers (ISPs), preparation of computer generated Lay out, Dummy,

Unit III : Printing & Design : Elements of Design and Graphics, Visualization, design layout and production, Typeface Families, Kinds, Principles of Good Typography, Spacing, Point System, Measurement, Type of Composition – Manual, Mechanical, Lino, Mono, Ludlow, Photo, DTP, use of computer software, Multimedia,

Unit IV : Printing method – Letterpress, Cylinder, Rotary, Gravure, Screen, Offset, Plate Making, Types of Paper, magazine / paper lay out, Pagitation, design and printing of Cover pages, Color printing, Combination, Scanning, Separation, correction, positive / negatives,

Paper XV : Opinion Writing & Media of the North East

Opinion Writing :

Unit I : What is Opinion / View in Journalistic Terms, Need for clearly Separating News and Views, Role of Opinion in Journalism, Innovations on Edit page – a package of opinions, views, analysis, perspectives, encouraging debates, political analysis, participation of audience in content development,

Unit II : Difference between Main Articles and other articles, Current Topics, role of Letter to Editor in a newspaper, Style, Form of Editorial Writing, Column Writing,

Media of the North East :

Unit I : An Overview of Mass Communication in the NE, Current Status, Reach and Acces of Mass Media in these states, spread of Electronic Media,

Unit II : Mass Communication in Rural Areas of these states, study of the Small Newspapers and Magazines in the rural places, Specialized Newspapers and Magazines- Sports , Science & Technology, Woman and Children

Paper XVI : Dissertation & Comprehensive viva

Specialization Papers-

The following topics / areas of interests may be considered for offering specialization to students: (However, it is suggested that a condition for allowing a certain specialization if at least five students opt for it may be considered)

1) Science Communication, 2) Rural Communication, 3) Film Studies, 4) Woman, Children and Media, 5) Mass Media of Assam, 6) Mass Media and Peoples Rights, 7) Sports Journalism and Language Press.

1) Science communication:

Paper X : Science Reporting and Writing

Unit I : Field Reporting, Coverage of S&T Events (Conference / speeches / seminars and conventions / exhibitions / natural phenomena etc.), Reporting Scientific R&D

Unit II : Writing for special Target Groups like – Children, Women, Farmers and Rural Folks, Writing for newspaper, Science Columns, Magazines and Books

Unit III : Proof reading, Editing Principles / conventions, re-writing, and Copy writing

Unit IV : Importance of translation, Principles of Translation, Guidelines for Scientific Translation, Adaptation, Socio-cultural adaptation, Technical / Popular Terminology, Symbols, Science Fiction and translation

Paper XI : Environmental communication :

Unit I : What is Environment and Environmental Communication, History of deterioration of environment, Media and Environment

Unit II : History of media's crusade towards creation of awareness among masses against environmental degradation, Indian scenario, Assam's scenario, Discussion of existing works of mass media in this regard- *Bigyan Jeuti, Down to Earth*,

Unit III : Environmental Education in School, College and University level, Role of NGOs,

Unit IV : Population- various types of pollution, measure taken by the industries, Govt. And NGOs, duties and liabilities of media, APCB, CPCB

Paper XII : Practical

2. Rural communication :

Paper X : Rural Communication- Problems & Prospects

Unit I: An Overview of India's Rural World- Total Villages, Population, Sex Ratio, Literacy rate, Problems, Issues, what is Rural Communication, Growth of the concept in India.

Unit II: Processes and Means of Diffusion of Information and Communication, Innovations in Technology and Communication Strategy, Limitations, Defects, Role of Opinion Leaders, Elders, Change Agents, Grassroots level workers of NGOs and Government Agencies,

Unit III: Analysis of the Problems faced by Mass Media and other Forms of Communication in Reaching the Rural Masses and their Possible Solution, Audience Research, Comparison between Print media and Electronic media, Popularity in the Rural and Urban areas, Reach and Penetration, Internet as a viable tool of communication in rural areas,

Unit IV: Impact of Mass Media on the Rural Community, Field Publicity Department Activities, Films, Documentaries, Small scale Local Level Newspapers, Magazines, Problems encountered by them, New Innovation in the Field.

Paper XI : Media for Rural Communication:

Unit I: Mass vs Smaller Media for Rural Communication, Broadcasting vs Narrowcasting Community Radio- Concept, Importance for Rural Audience, Advantages compared to Mega Radio Stations.

Unit II: Small Newspapers, Magazines, Study of a few such magazines, Journals.

Unit III : Folk and Traditional Media- Ojapali, Bihu, Mohoho, Folk Songs, Boat Race Songs, Swang, Jatra, Fairs, Melas, Exhibition, Demonstration, Role of Field Publicity Departments (DFPs)

Unit IV : Community Houses / Meeting places- Namghar, Morong Ghar, Deka Chang

Paper XII : Practical

3.Film Studies :

Paper X : Introduction to Film Studies

Unit I : Definition of Film, Need for Theoretical and Practical Studies of the Media, Impact and Power and as a Mass Media, Characteristics of Film Media, Brief History of Evolution of Films in India and the World, Stages in Film Production, Ideation to Post-Production

Unit II : Formats- Regular 8 mm, 16 mm, 35 mm, 70 mm, 3D, Animation

Unit III : Film Censorship- Impact, Arguments For as well as Against its Continuation and Relevance in Today's Era, Future Projection, Organizations related to the Business of Production, Presentation and Training in Filmmaking- NDFC, FTII, SRFTI, JCFTI, Film Festival Directorate of India, Children's Film Society of India, National and State-level Awards for films, National Film Archives of India, Film Division

Unit IV: Trends in Film Movements in the World, Film Movement in India, study of Major memorable films like Alam Ara, Raja Harishchandra, Do Aankhen Baarah Haath, Sholay....., Emerging Trends, Parallel Cinema, Popular /Mainstream Cinema, Short and Documentary Film, Animation, Detailed study about a few Famous Directors like Satyajit Ray, Kurosawa, Vittorio De Sica, Federico Felini, Coppola etc.... and their Style of Presentation.

Paper XI : Film Appreciation & Regional Films

Unit I : Film Appreciation, Criticism, Writing about Films, Theories of Film Appreciation, Classical, Structuralist, Psychoanalytical, Political, Sociological, Social Genres, Feminist, Techniques of Film Appreciation

Unit II : Cine Society Movement in India and Assam- Growth and Development, Present Scenario, the Movement's Influences and Impact upon the Masses, Satyajit Ray's experiences with the movement

Unit III : Growth and Development of Regional Films as a whole for the country with special reference to Assam and the North- East, their Contribution to the National Film Movement and Culture

Unit IV : Study and Analysis of a few Prominent Film Makers of the Region- Manipur and Assam- Bhabendra Nath Saikia, Jahnua Barua (Mridu), Aribam Shyam Sharma, Films- Joymoti, Indramalati, Dr Bezbaruah, Bristi, Sandhyarag, Agnisnaan, Kolahal, Khagoroloi Bahu Door, Konikar Ramdhenu etc

Paper XII : Practical

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

MCJ Previous(Ongoing Annual Pattern)

4. Paper I—Introduction to Mass Communication
5. Paper II---Journalism
6. Paper III---Advertising
7. Paper IV---Public Relations
8. Paper V---Emerging Trends in Mass Communication

MCJ Final (Ongoing Annual Pattern)

9. Paper VII---Media Management
10. Paper VIII---Electronic Media
11. Paper IX----Development Communication and Communication Research
12. Paper X---Opinion Writing
13. Paper XI---Media Laws and Ethics

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING (GUIDOL)

Programme Project Report (PPR)

PPR ID : GU/GUIDOL/PPR/19 (Total no. pages : 25)

Programme: MSc in Information Technology (MSc-IT)

1. Programme Mission and Objective:

The mission of the Programme, to be launched, is *"to cater to the need of higher education in Information Technology and to widen the periphery of computer science & information technology."*

Objectives of the Programme:

- *The program focuses on the design of technological information systems, as solutions to business, research and communications support needs.*
- *To develop and promote technical skills needed to design, implement, and test solutions in the field of information technology.*
- *To provide a framework within which students can appreciate and integrate concept of new software technologies and extend their theoretical knowledge in specific areas of interest in academia and the industry.*
- *To provide graduates who are planning to work in an IT or computing environment with the opportunity to enhance their career prospects by gaining additional knowledge and skill in selected areas of IT.*
- *To generate competent and well-educated man-power for the teaching profession as well as manning positions of research associates in public/private sector academic institutions.*

2. Relevance of the Programme with HEI's Mission and Goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Computer Science was established in 1985. The Department started a one year Post Graduate Diploma course in Computer Science and Applications (PGDCSA)


Registrar
Gauhati University, Guwahati.

with thirty seats in 1986 at time in which there were only a few institutions in the entire country offering post graduate courses in Computer Science. The objectives of the course were to produce Computer Programmers, Research Scholars, Teachers, Instructors, Computer Professionals; i.e. to produce manpower for software industries, research and educational institutions and other organizations in India and abroad and association of the new generation in these fields and related areas. In 2001, a two-year (four semesters) M.Sc. programme in Computer Science was introduced after obtaining approval from the UGC with student intake capacity 15 per batch, replacing the PGDCSA programme. In 2005, the Department started another course MSc in Information Technology (MSc-IT) together with the existing MSc program in Computer Science. Keeping in view the motto of “*Quality Higher Education For All*”, Master in Information Technology (MSc-IT) to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in Information Technology to those aspiring candidates who are deprived of higher education due to various serious and unavoidable circumstances. Moreover, to keep the quality intact the curriculum and syllabi has been designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and Target Group of Learners:

Our target group includes

- 1) those who are deprived of admission in the parent department of Regular Mode due to limited intake capacity.
- 2) those employed in various organizations who desire to pursue higher education as a passion or as a mean for movement up the promotional ladder.
- 3) those willing to pursue research as a career.
- 4) those willing to have Computer Science/Information Technology as a career.
- 5) drop-outs primarily due to social, financial and economic compulsions as well as demographic factors.
- 6) job seekers.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an

indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI, external experts and faculties of the ODL mode, keeping in view the needs of the diverse class of learners.

4. Appropriateness of the Programme to be Conducted in the ODL Mode for Acquiring Specific Skills and Competence:

The MSc-IT programme to be offered through ODL mode will have certain learning outcomes. This programme will help the learners

- to design an IT solution using best practices and standard methodologies in the field of Computer Science and Information Technology,
- to enhance and develop their knowledge and understanding of the theoretical and practical foundations of Information Technology as a subject,
- to enhance the capacity for creative, technical and problem solving skills in a research context,
- to make themselves theoretically and practically knowledgeable to understand, design and implement large and complex Computer Applications,
- to make themselves fit to embrace the future developments and retaining professional relevance,
- in gaining dexterity in advanced programming languages and building sophisticated software for a wide area of applications,
- to work with high-end applications in Internet Technologies,
- in acquiring managerial ability to use IT skills in Decision Making, by Analyzing Problems, Developing Solutions and Explaining findings,
- to be acquainted with various generic skills and competencies for Team Work, Time Management and Critical Thinking.

5. Instructional Design:

a) Curriculum Design: The curriculum is designed by a committee comprising experts from the parent department and ODL mode of Gauhati University, keeping in view the needs of the diverse class of learners.

b) Detailed Syllabus: Annexure-I.

- c) Duration of the Program:** Minimum 2 years. However, the learners will be required to complete the course within 4 (four) years from the date of admission.
- d) Instructional Delivery Mechanism:** The programme will be delivered in 4 (four) semesters having 5 (five) course/paper in 1st, 2nd, 3rd semesters and in 4th semester there are 3 (three) courses/papers and 1 (one) Major Project. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus. Counseling/regular classes for both theory and practical is/will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resources will also be a part of Instructional Delivery Mechanism. The progress of the learners is/will be assessed periodically. At the end of each semester, learners' performance is/will be evaluated by Term/Semester-end examination.
- e) Faculty:**
- (i) Full Time**
1. Dr. Ridip Dev Choudhury, MSc (Comp. Sc), PhD – Course Co-ordinator cum Assistant Professor, GUIDOL
 2. Dr. Khurshid Alam Borbora, MSc (Comp. Sc), PhD - Assistant. Professor, GUIDOL
 3. Mr. Swapnil Gogoi, MSc (Comp. Sc) - Assistant. Professor, GUIDOL
 4. Pallavi Saikia, MSc (Comp. Sc) - Assistant. Professor, GUIDOL
 5. Hemanta Kalita, MSc (IT), M.Tech - Assistant. Professor, GUIDOL
 6. Rita Chakraborty, MSc (IT) - Assistant Professor, GUIDOL
- (ii)** Resource persons are drawn from amongst teachers of affiliated colleges, researchers, faculties of the Department of HEI and also from the corporate sector.
- f) Media:** Print Media, ICT enabled tools, Multi-Media and e-Learning Portal.
- g) Student Support Services:** In order to successfully execute this programme, there are a wide range of support services. The various support services are listed as below:
- i) Network of Study Centres:** To assist its learners in ODL mode the University has established 96 study centres (list enclosed) throughout the State of Assam but within its territorial jurisdiction.

- ii) State of the Art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) E-Learning Portal (www.bodhidroom.guidol.in):** This portal is the first of its kind in the entire North east region of India. This provides the following services to the learners:
- Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - *Message My Teacher:* When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
 - Online Study Material
 - Old Examination Question Papers
- iv) Dynamic Website:** For ODL learners, the University have a separate website, www.idolgu.in, where one can get all the information regarding ODL programmes, up-coming events, examination results etc.
- v) Computerised Admission Process with Provision of Online Admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners through www.idolgu.in.
- vi) Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the IDOL (headquarter) complex during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.

vii) Personal Contact Programme (PCP): In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

viii) Community FM Radio: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcast radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum Transaction and Evaluation:

Admission: The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for MSc-IT program is BSc/BCA from any recognized Indian or Foreign University. An entrance test is/shall be conducted for the admission to this programme. The maximum intake capacity for this programme per study centre including the headquarter is/shall be 60. The fee for admission is Rs 11500.00 (Eleven Thousand Five Hundred only) per semester. Financial Assistance is provided to the candidates belonging to SC/ST and OBC category in the form of scholarship. A few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice-Chancellor of the University.

Curriculum Transaction: The curriculum will be transacted throughout the year as per the following activity planner:

- Regular Counseling/Classes/Practicals will be carried out for minimum of 4 (four) months per semester.
 - a) For odd semesters classes will start from the month of March and end by June every year and

- b)** For even semesters classes will start from the month of October and end by January every year.
- Regarding the classes related to theory and practical courses/papers,
 - a) One theory class, of one hour duration, for each course/paper is/will be conducted in a week.
 - b) One practical class, of two hours duration, for each course/paper with practical component is/will be conducted in a week.
- For slow-learners, few remedial classes/counseling is/will be conducted as necessary.

Evaluation: Each course/paper will carry 100% weightage for the term/semester-end examinations. In order to pass/clear a course/paper, a candidate must secure minimum 35% marks in case of theory course/paper and 40% marks in practical as well as in the final project. All examinations are conducted by the Controller of Examinations as per rules and regulations of the University.

7. Library Resource and Laboratory Support:

The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

For conducting theory and practical classes, there are 2 (two) Digital Classrooms and 2 (two) Computer Laboratories with the following facilities available at HQ:

	ITEM	QUANTITY
Computer Lab 1	Desktop Computer	55
	LCD Overhead Projector	1
	Document Scanner with Overhead Projector	1
	40 inch LED TV for parallel display with the LCD projector	1
	Smart Board	1
	Sound System with Lapel Connectivity	1 Set
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Computer Lab 2	Desktop Computer	22
	55 inch LED TV used for projection	1
	Split AC	2
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Digital Classroom 1	Intake Capacity	64
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	3
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Digital Classroom 2	Intake Capacity	100
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	

It is also mandatory for all Study Centres offering M.Sc-IT and related programmes to have similar facilities.

8. Estimated Cost of the Programme: Total estimated cost of the programme is approximately Rs. 45 lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 lakhs per course/1000 students for the entire duration of two years.

- **9. Quality Assurance Mechanism and Expected Programme Outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 mentioned above. Further, learners will be equipped for professional competence and employability.

ENCLOSURE-I

➤ Detailed Syllabus

Total Marks: 2000		Total Credits: 73	
Course No	Course Title	Evaluation Pattern	Credit
SEMESTER - I			
IT-01	Fundamentals of Computers	Objectives:40%, Descriptive: 60%	3
IT-02	Introduction to Programming	Objectives:30%, Descriptive: 40%, Practical:30%	4
IT-03	Digital Logic	Objectives:40%, Descriptive: 60%	3
IT-05	Communication Skills & Technical Writing	Objectives:40%, Descriptive: 60%	2
IT-11	Mathematical Foundations of Computer Science	Objectives:40%, Descriptive: 60%	3
SEMESTER - II			
IT-07	Database Management System	Objectives:30%, Descriptive: 40%, Practical:30%	4
IT-12	Data Structure and Algorithm	Objectives:30%, Descriptive: 40%, Practical:30%	4
IT-13	Computer Organization & Architecture	Objectives:40%, Descriptive: 60%	4
IT-27	Web Technologies	Objectives:30%, Descriptive: 40%, Practical:30%	4
IT-10	Management and Accounting	Objectives:40%, Descriptive: 60%	3
SEMESTER - III			
IT-14	Operating System	Objectives:30%, Descriptive: 40%, Practical:30%	4
IT-17	Data Communication & Computer Network	Objectives:40%, Descriptive: 60%	4
IT-16	Objected Oriented Programming	Objectives:30%, Descriptive: 40%,	4

	using JAVA	Practical:30%	
IT-21	Software Engineering	Objectives:40%, Descriptive: 60%	4
IT-28	Advanced Web Technologies	Objectives:30%, Descriptive: 40%, Practical:30%	4
SEMESTER - IV			
IT-22	Computer Graphics & Multimedia	Objectives:40%, Descriptive: 60%	4
IT-23	Application Software Development	Objectives:40%, Descriptive: 60%	4
IT-29	E Commerce	Objectives:40%, Descriptive: 60%	3
IT-30	Project	200 Marks	8

SEMESTER – I

IT-01: FUNDAMENTALS OF COMPUTERS

Introduction

Brief history of development of computers, computer system concepts, capabilities and limitations, types of computers: Analog, Digital, Hybrid, general, special purpose, Micro, mini, mainframe super computers, generations of computers, personal computers, types of personal computers – Laptop, Palmtop etc.

Computer software

Need of software, types of software, System software – Operating system and its types, loader, linker etc.; Application software --word processing, spread sheet, presentation graphics, database management software; Programming languages - machine, assembly, high level, 4GL, their merits and demerits, Computer Viruses.

Components of Computer System

Basic components of computer system, Input devices, output devices, Control Unit, storage devices., maintaining the Computer System.

PC Hardware and Maintenance

Introduction and Identification of different hardware component of a PC , Installation of Operating System, Hard Disk Partitioning ,Troubleshooting.

IT-02: INTRODUCTION TO PROGRAMMING

Introduction to C:

Steps for Problem Solving ,Algorithm, Analysis of Algorithm Efficiency, Flowchart , Pseudo code, Program , Programming Languages , Translators

History of C , Features of C, Structure of a C Program, Writing a C Program, Compiling and Run a C Program, Syntax and Semantic Errors, Linker Errors, Logical and Runtime Errors, Execution Process

Variables and Constants:

Character Set, Identifiers and Keywords, Rules for Forming Identifiers , Data Types and Storage Classes in C, Variables , Declaring Variables, Initializing Variables, Constants, Types of constants

Expressions and Operators:

Assignment Statements, Unary and Binary Operators , Arithmetic Operators, Relational Operators , Logical Operators, Comma and Conditional Operators, Type Cast Operator, Size of Operator, Precedence of Operators

Control Statements, Decision Control Statements:: The if Statement , The switch Statement, Loop Control Statements:: The while Loop , The do-while Loop ,The for Loop, The Nested Loop, The Goto Statement, The Break Statement, The Continue Statement

Arrays:

Definition , Syntax of Array Declaration and Initialization, Subscript, Processing the Arrays , Multi-Dimensional Arrays, Declaration and Initialization of Two-Dimensional Array, Processing of Two Dimensional Arrays, Representation of Matrix using Two Dimensional Array

Strings:

Character Arrays, Declaration and Initialization of Strings, Array of Strings,Library String Functions: strlen , strcpy , strncpy , strcmp , strncmp , strcmpi , strncmp , strcat , strlwr , strlwr , strrev , strdup , strchr , strstr , strset , strnset , strstr

Functions:

Definition , Structure of a Function , Function Declaration , Function Definition , Formal parameter , Actual parameter ,The Return Statement , Function Prototypes , Recursive Function, Function Calling: Call by value and Call by address

Structures and Unions:

Declaration and Initialization of Structures, Accessing the Members of a Structure , Structures as Function Arguments , Structures and Arrays , Unions , Initializing an Union, Accessing the Members of an Union

Pointers:

What is Pointer , Address and Indirection Operators , Pointer Type Declaration and Assignment, Pointer to a Pointer , Null Pointer Assignment , Pointer Arithmetic, Passing Pointers to Functions , Arrays and Pointers , Array of Pointers , Pointers and Strings

The C Preprocessor and Command Line Arguments:

Definition, Macros in C, #define, #include, #ifdef, Other Preprocessor Commands, Predefined Names Defined by Preprocessor

Command Line Arguments in C, Structure of Programs that use Command-Line Arguments, Accessing Command-Line Arguments

Files:

Definition, File Handling in C Using File Pointers, fopen() , fclose() , Input and Output using file pointers , Character Input and Output in Files, String Input / Output Functions , Formatted Input / Output Functions , Block Input / Output Functions, Sequential Files, Random Access Files , Positioning the File Pointer

IT-03: DIGITAL LOGIC

Binary Systems

Digital Computers and Digital Systems, Binary Numbers, Number Base Conversion, Octal and Hexadecimal Numbers, Complements, Binary Codes, Binary Storage and Registers, Binary Logic, Integrated Circuits

Boolean Algebra and Logic Gates

Basic Definitions, Boolean Algebra: Theorems and Properties, Boolean Functions, Canonical and Standard Forms and Other Logic Operations. Digital Logic Gates and its different types.

Simplification of Boolean Functions

Map Method: Two, Three and Four variable maps. Product of Sums Simplification, NAND and NOR implementation, Don't Care Conditions, Tabulation Method.

Combinational Logic and Sequential Logic

Adders: Half Adder, Full Adder and Binary Parallel Adder. Decoder, Encoder, Multiplexer, Demultiplexer.

Flip-Flops and its different types, Registers, Shift Registers, Counters.

Processor and Control Logic Design

Arithmetic Logic Unit and its design, Status Register. Hard-Wired Control, Microprogram Control.

SEMESTER – II

IT-12: DATA STRUCTURE AND ALGORITHM

Introduction to Data structure, Primitive and composite data types, Abstract Data Type Time and space complexity of algorithms, Concept of Θ , Big-O, Small-o and Big-Omega notations.

Linear List , Arrays, Stacks, Queue, Circular Queue, Priority Queue

Singly Linked List, Doubly Linked List and Circular Linked List

Introduction to Trees, Properties of Trees, Binary Trees, Extended binary trees, Complete binary trees, Binary search trees, Weight balanced and Height balanced trees, AVL trees, Threaded Binary trees , B-Trees , Heap .

Introduction to Graph, Properties of Graphs, Connected graph, Sequential representation of Graphs : Adjacency Matrix, Path matrix, Warshall's algorithm, Linked Representation of Graphs : Adjacency list, Graph Traversal: Depth-first and Breadth-first

Spanning trees, Minimum Spanning tree, Prim's and Kruskal's algorithms
Selection sort, Insertion sort, Bubble sort , Radix sort , Quick sort , Heap sort, Merge sort
Searching techniques: Binary search, Linear search, Hashing.

IT-07: DATABASE MANAGEMENT SYSTEM

The Basic Concepts

The file based system, limitations of file based system, the Database Approach, Advantages of DBMS.

DBMS Architecture

Three level architecture of Database System, Mappings, Data Independence.
Components and Functions of DBMS, Database Administrator and its roles.

Entity, Attributes and Associations

Definition of Entity, attribute, association among entity and attributes, Generalizations and Aggregation.

Data Models

Relational Model, Hierarchical Model, Network Model

The Relational Model

The Relational Model, Domains, Attributes, Tuples, Relations and Views. Primary Key, Foreign Key, Candidate Key, Alternate Key, Super Key, Relational Constraints.

The E-R Model, Weak Entity and Strong Entity.

Relational Algebra

Basic operations – Union, Intersection, Difference and Product. Additional operations – Select, Project, Join and Divide.

Database Integrity and Normalization

Referential Integrity, Entity Integrity. Functional Dependencies, Concept of Normalization, First Normal Form, Second Normal Form, Third Normal Form, Boyce Codd Normal Form.

Structured Query Language

What is SQL? Data Definition Languages, Data Manipulation Languages, Data Control Languages.

Database Recovery and Security

What is Recovery? Kinds of failures, Failure controlling methods, Database errors, Recovery Techniques, Security & Integrity, Relationship between Security and Integrity.

IT-11: MATHEMATICAL FOUNDATION OF COMPUTER SCIENCE

Sets and Relations: Definition of sets, subsets, complement of a set, universal set, intersection and union of sets, De-Morgan's laws, Cartesian products, Equivalent sets, Countable and

uncountable sets, minset, Partitions of sets, Relations: Basic definitions, graphs of relations, properties of relations

Algebra of logic, Propositions, Connectives, Tautologies and contradiction, Equivalence and implication, Principle of Mathematical induction, quantifiers.

Introduction of a Matrix, its different kinds, matrix addition and scalar multiplication, multiplication of matrices, transpose etc. Square matrices, inverse and rank of a square matrix, solving simultaneous equations using Gauss elimination, Gauss Jordan Methods, Matrix Inversion method.

A general introduction, simple and multipgraphs, directed and undirected graphs, Eulerian and Hamiltonian Graphs, Shortest path algorithms, Chromatic number, Bipartite graph, graph coloring.

IT-10: MANAGEMENT & ACCOUNTING

Accounting: Principles, concepts and conventions, double entry system of accounting, introduction to basis books of accounts of sole proprietary concern, closing of books of accounts and preparation of trial balance.

Final Accounts: Trading, Profit and Loss accounts and Balance sheet of sole proprietary concern (without adjustment)

Financial Management: Meaning, scope and role, a brief study of functional areas of financial management. Introduction to various FM tools: Ration Analysis, Fund Flow statement and cash flow statement (without adjustments)

Costing: nature, importance and basic principles. Marginal costing: Nature scope and importance, Break even analysis, its uses and limitations, construction of break even chart, Standard costing: Nature, scope and variances (only introduction)

Computerized accounting: Meaning and advantages, Computer Programs for accounting, Balancing accounts, Trial balance and final accounts in computerized, Accounting, control, and Audit, Sub- Modules of computerized accounting systems.

SEMESTER – III

IT-16: OBJECT ORIENTED PROGRAMMING USING JAVA

Object Oriented Methodology

Paradigms of Programming Languages, Evolution of OO Methodology, Basic Concepts of OO Approach, Comparison of Object Oriented and Procedure Oriented Approaches, Benefits of OOPs, Introduction to Common OO Language, Applications of OOPs

Classes and Objects, Abstraction and Encapsulation, Inheritance, Method Overriding and Polymorphism.

Java Language Basics

Basic Features, Java Virtual Machine Concepts, Primitive Data Type And Variables, Java Keywords, Java Operators.

Expressions, Statements, Control Statements, Selection Statements, Iterative Statements, Jump Statements, Arrays.

Class and Objects

Class Fundamentals, Creating objects, Assigning object reference variables, Introducing Methods, Static methods, Constructors, Overloading constructors, This Keyword, Using Objects as Parameters, Argument passing, Returning objects, Method Overloading, Garbage Collection, The Finalize () Method

Inheritance and Polymorphism

Inheritance Basics, Access Control, Multilevel Inheritance, Method Overriding, Abstract Classes, Polymorphism, Final Keyword

Packages and Interfaces

Package, Defining Package, CLASSPATH, Package naming, Accessibility of Packages, Using Package Members, Interfaces, Implementing Interfaces, Interface and Abstract Classes, Extends and Implements Together

I/O in Java

I/O Basics, Streams and Stream Classes, Byte Stream Class, Character Stream Classes, Predefined Streams, Reading from, and Writing to, Console, Reading and Writing Files, The Transient and Volatile Modifiers, Using Instance of Native Methods

Strings and Characters

Fundamentals of Characters and Strings, The String Class, String Operations, Data Conversion using Value of () Methods, String Buffer Class and Methods

Exploring Java I/O

Java I/O Classes and Interfaces, I/O Stream Class, Input and Output Stream, Input Stream and Output Stream, Hierarchy, Text Streams, Stream Tokenizer, Serialization, Buffered Stream, Print Stream, Random Access File

IT-14: OPERATING SYSTEM

Introduction to Operating System

What is an operating system, history of operating systems. Operating system concepts – processes, files and shells.

Operating system classification – Single user, multi user, simple batch processing, multiprogramming, multitasking, parallel systems, distributed system, real time system.

Process Management

Process - Process Model, Process Hierarchies, Process States, Threads - What is thread and its use, design issues of thread.

Process Scheduling:- Basic Concepts. Preemptive and non-preemptive scheduling. Types of scheduling:- batch, interactive and real-time. Scheduling Algorithms:- First Come First Server, Shortest Job First & Round Robin Scheduling.

What is Interprocess Communication, Race conditions, Critical-Sections, Mutual exclusion. Solution to race condition: - Disabling Interrupt, Peterson's solution, Sleep & Wake Up(The Producer Consumer Problem) and Semaphores.

Input/Output Management & Deadlocks

Basic principles I/O Hardware, I/O Devices, Device controllers, DMA. Principles of I/O Software, its goals, Interrupt Handlers, Device Drivers, Device Independent I/O Software(its functions)

What is Deadlock. Principles of Deadlock (Deadlock conditions & Modelling). Deadlock Detection, Recovery & Prevention. Deadlock Avoidance(Banker's algorithm).

Memory Management

Monoprogramming and Multiprogramming. Swapping and its basic concepts. Virtual Memory – Basic Concepts, Paging, Page Tables. Page replacement algorithms: - Optimal, Not Recently Used, First In First Out, Least Recently Used.

File System

What is file, file naming, file types(directory, regular, device), sequential access and random access files, file attributes, operations on file, hierarchical directory structure, path name(relative and absolute), operation on directories. File System Implementation Techniques.

System Calls

What is System Calls. System Calls:- Process Management(fork, getpid, getppid, wait, waitpid, exit, execve), Signaling(kill, sigaction, sigreturn, pause), File & Files System Management(creat, open, close, read, write, lseek, stat, fstat, dup, rename).

IT-28: ADVANCED WEB TECHNOLOGIES

Overview

History of Internet, Internet services: telnet, e-mail, ftp, WWW. Equipments required for an Internet Connection, Opening an e-mail account, Reading and Writing e-mail., ftp, www

URL, Surfing the Internet., Search Engine, uploading and downloading.

Web Browsers:

functions and working principle of web browsers; plug-ins & helper applications; conceptual architecture of typical web browsers (like Mozilla).

Introduction to Client/Server Computing:

client-server computing basics; types of Client/Server systems; middleware; N-tiered systems: 2-tier/3-tier/4-tier systems; Fat Clients versus Fat Servers.

Web Servers:

Web services and web server functionality; web server composition; registration; HTTP, IP address, DNS & ports; conceptual architecture of a typical web server (like Apache).

Introduction to HTML

Hypertext Markup Language (HTML), Writing a web page in HTML, Tags, hyperlinks, URLs, tables, text formatting in web pages, Using graphics and multimedia in web pages; image maps., Use of frames and forms.

Introduction to JavaScript:

Constants, variables, operators, expressions, statements. Use of user-defined and built-in functions, Client-side Form validation using JavaScript, Using properties and methods of built-in objects.

SEMESTER – IV

IT-22: COMPUTER GRAPHICS & MULTIMEDIA

Graphics Hardware: The Functional Characteristics Of The Systems Are Emphasized. Input Device: Keyboard Touch Panel, Light Pens, Graphic Tablets, Joysticks, Trackball, Data Glove, Digitizer, Image Scanner, Mouse, Voice Systems.

Hard Copy Devices: Impact And Non Impact Printers, Such As Line Printers, Dot Matrix Printers, Laser, Ink- Jet, Electrostatic, Flatbed And Drum Plotters. Video Display Devices: Refresh Cathode-Ray Tube, Raster Scan Display, Random Scan Displays, Color CRT-Monitors, Direct View Storage Tube, Flat Panel Displays, 3-D Viewing Devices, Raster Scan Systems, Random Scan Systems, Graphic Monitors And Workstation.

Scan Conversion Algorithm Line, Circle And Ellipse, Bresenham's Algorithm, Area Filling Techniques, Character Generation. 2-Dimensional Graphics: Cartesian And Homogenous Co-Ordinate Systems, Geometrical Transformation (Translation, Scaling, Rotation, Reflection, Shearing), Two Dimensional Viewing Transformation And Clipping (Line, Polygon And Text)

3-Dimensional Graphics: Geometrical Transformation (Translation, Scaling, Rotation, Reflection, Shearing), Mathematics And Projections (Parallel And Perspective). 3-D Viewing transformation And Clipping.

Hidden Line Surface Removal Algorithms, Z-Buffer, Scan Line, Sub Division Shading: Modeling Light Intensities: Diffuse Reflection, Refracted Light, Half toning. Surface Shading Methods: Constant Intensity Method, Gouraud Shading, Phong Shading.

Introduction to Multi-media Technology, Audio System, Image Compression, Data Compression, Digital Motion Video, Authoring tools, Multimedia Applications, Multimedia DBMS.

IT-23: APPLICATION SOFTWARE DEVELOPMENT

Introduction to .NET

.NET: Introduction, Advantages, DNA Architecture, Study of .NET Framework, Languages under .NET.

Introduction to VB.NET

Basic Programming Rules, Creating a Project, Exploring & Coding a Project, Building a Project, Debugging.

Variables, Constants, Operators and Expressions and Control Statements, Arrays, Structures, Enumerators, Functions.

Class, Object, Inheritance, Events, String Handling, Exception Handling, File Handling, Multi-Threading, Memory Management Issues.

GUI Programming with VB.NET

Introduction to GUI Application and Their Components. Elements of GUI Programming: Controls, Properties, Methods, Events.

Form Control: Interacting with Controls, Dialog Controls, Creating and Using MDI Applications, Creating Custom Controls.

Database Programming

Connecting to Databases, Retrieving Data, Inserting Data, Updating Data etc.

IT-29: WEB TECHNOLOGY

Review of HTML & JavaScript:

Various HTML Tags, properties & use; Cascading Style Sheet (CSS). Creating interactive and dynamic web pages with JavaScript.

Markup language basics:

Standard Generalized Markup Language (SGML)- structures, elements, Content models, DTD, attributes, entities. Extensible Markup Language (XML)- Introduction: using user-defined tags in web pages; displaying XML contents using HTML and JavaScript; XML Document Type Definitions;

Extensible Stylesheet Language (XSL) and its use to display XML contents; XSL and basic database queries; brief introduction to other markup languages: VML, MathML, VRML, RELML, HRMML, VoxML, etc.

Server-side scripting:

Overview of CGI, ASP, and JSP. Server side scripting using PHP- constants, variables, operators, expressions & statements; user-defined & built-in functions; form processing scripts; using properties and methods of built-in objects. Web database connectivity- introduction to ODBC; PHP with database connectivity.

Advanced web technologies:

brief introduction to COM, DCOM, CORBA, ISAPI, SOAP, UDDI, WSDL, .NET, etc.
Introduction to AJAX and its implementations.

Web Security:

Firewalls- definition and uses, network layer firewalls and application layer firewalls; Proxy servers.

IT 29: E – Commerce**Electronic commerce fundamentals:**

History and basic idea of EDI and electronic messaging, definition of e-commerce; administration, business, and consumer models of e-commerce; e-commerce enablers- cost reduction, trust issues, products, processes, and markets.

E-commerce Internet applications: overview of e-commerce standardization activities and standards

Electronic payment systems: digital cash- Ecash, ECheque, Credit card based payment systems, Micropayments and Macropayments.

Social impacts of e-commerce: changes in administration & business; electronic shopping; electronic forms; global e-commerce and future trends.

IT-30: PROJECT

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September) Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

Sl No.	Semester	Course No.	Course Name
1	I	IT 01	Fundamentals of Computers
2		IT 02	Introduction to Programming
3		IT 03	Digital Logic
4		IT 05	Communication Skills & Technical Writing
5		IT 11	Mathematical Foundations of Computer Science
6	II	IT 07	Database Management System
7		IT 12	Data Structure and Algorithm
8		IT 13	Computer Organization & Architecture
9		IT 27	Web Technologies
10		IT 10	Management and Accounting
11	III	IT 14	Operating System
12		IT 17	Data Communication & Computer Network
13		IT 16	Objected Oriented Programming using JAVA
14		IT 21	Software Engineering
15		IT 28	Advanced Web Technology
16	IV	IT 22	Computer Graphics & Multimedia
17		IT 23	Application Software Development
18		IT 29	E Commerce

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING

Programme Project Report

PPR ID : GU/GUIDOL/PPR/03 (Total no. pages : 29)

Programme: Masters of Arts in Economics and Master of Science in Economics

1. Programme mission and objective:

The mission of the Programme to be launched is "to cater to the need of higher education in economics and to widen the periphery of education in economics."

Objectives of the Programme:

- to promote higher education and research in the field of Economics in particular and Social Science in general,
- to enhance and develop their knowledge and understanding of the theoretical and practical foundations of Economics as a subject,
- to nurture the finest talents in Economics and capacitate them with high level of professional competence,
- to utilize the pool of human resource in the department in relevant fields outside the department through extension and consultancy service,
- to exhibit disciplinary knowledge and behavior essential for business leadership,
- to think critically to aid decision-making,
- to generate competent and well-educated man-power for the teaching profession as well as manning positions of research associates in public/private sector academic institutions,

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the creation and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the

Department of Economics was established in 1948 and has set up, over the years, a close association with formal and informal organizations and various successful and enduring entrepreneurs which gives opportunity to the students to acquire access to practical knowledge and ideas.

Keeping in view the motto of “*Quality Higher Education For All*”, Masters of Arts in Economics and Master of Science in Economics is/shall be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in the field of Economics to those aspiring candidates who are deprived of higher education due to the limited number of intake in the conventional mode of education in the Universities. Moreover, to keep the quality intact the curriculum and syllabus is designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and target group of learners: Our target group includes-

- those deprived of admission in the parent Department of regular mode due to limited intake capacity,
- those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder,
- drop outs primarily due to social , financial and economic compulsions as well as demographic factors,
- job seekers.

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and ODL mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the HEI, external experts and teachers of Gauhati University Institute of Distance and Open Learning (GUIDOL), keeping in view the needs of the diverse groups of learners.

4. **Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence-** The programmes is/shall be offered through ODL mode will have certain learning outcomes. The programmes will help the learners:

- *to create the knowledge of basic and advance concept of economics, socio-economic effect in the society due to the changing nature of world economy,*
- *to enhance and develop their knowledge and understanding of the theoretical and practical foundations of Economics as a subject in particular,*
- *to build knowledge of the different analytical concepts using mathematical, statistical and financial models in the field of Economics in broad,*
- *to commit to action that demonstrates care for others,*

The learners will also be acquainted with various generic skills and competencies for Team Work, Time Management, Commercial Awareness and Critical thinking.

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the parent department of the University and GUIDOL, keeping in view the needs of the diverse groups of learners.
- b) **Detailed Syllabus:** Enclosed in Enclosure No. I
- c) **Duration of the Program:** Minimum 2 (two) years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in 4 (four) semesters having 4(four) course/paper in each semesters and also with the opportunity to choose optional courses offered. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus. Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The

progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.

e) Faculty:

1. Dr. Ratul Mahanta, Assistant Professor, Department of Economics, Gauhati University nominated as Coordinator of the ODL programmes in Economics
2. Assistant Professor in Economics, GUIDOL has since resigned and the post advertised and shall be recruited soon.
3. Resource persons drawn from amongst teachers of affiliated colleges and faculties of the Department of HEI.

f) Media: Print Media, ICT enabled content and e-Learning tools

g) Student Support Services: In order to successfully execute the programme, a wide range of support services are provided to the ODL learners. The various support services are listed as below-

- i) **Network of Study Centres:** To assist its learners of the ODL mode the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:
 - Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student

can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.

- Online Study Material
- Old Examination Question Papers

- iv) **Dynamic Website www.idolgu.in** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, up-coming events, examination results etc.
- v) **Computerised admission process with provision of online admissions**: The whole system of admissions and examinations are managed using professional software which gives instant online access to learners through www.idolgu.in.
- vi) **Flexible Walk in Group Counselling (FWGC)**: Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated GUIDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio**: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process starts from August and ends by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for MA & M.Sc programme in Economics is any graduates from any recognized

Indian or Foreign university. The proposed fees for admission is Rs 7000.00 (Seven Thousand only) per year. Financial Assistance is provided to the candidates belonging to the SC/ST and OBC categories in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor.

Curriculum transaction- Activity Planner:

Evaluation- Each course/paper shall carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Examination Rules and Regulations of the Gauhati University.

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 45 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.
9. **Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the

respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

Detailed Syllabus of MA/MSc in Economics Programme (ODL mode of Gauhati University)

A student shall do a total number of sixteen papers in the four Semesters. Each paper will carry 100 marks - 20 marks for internal evaluation during the semester and 80 marks for external evaluation through end semester examination. All the papers in the First, Second and Third Semesters will be compulsory. The paper XIII and XIV of the Fourth Semester will also be compulsory. The remaining two papers for the Fourth Semesters will be chosen by a student from the optional papers. The names and numbers assigned to the papers are as follows.

First Semester	
I	Microeconomics Theory
II	Macroeconomics Theory - I
III	Mathematical Methods for Economic Analysis-I
IV	Statistical Methods for Economic Analysis
Second Semester	
V	Advanced Microeconomics
VI	Macroeconomic Theory -II
VII	Mathematical Methods for Economic Analysis-II
VIII	Elementary Econometrics
Third Semester	
IX	Development Economics-I
X	International Economics
XI	Issues in Indian Economy
XII	Public Finance-I
Fourth Semester	
XIII	Development Economics-II
XIV	Public Finance-II
Papers XV and XVI are optional. A student has to choose any two of the following courses.	
(a)	Population and Human Resource Development
(b)	Econometric Methods
(c)	Environmental Economics
(d)	Financial System

Detailed Contents of the Papers Syllabus

Paper-I: MICROECONOMICS THEORY

Unit –1: Theory of production and Cost

Production function and related concepts – Isoquants and Substitution between Factors – Elasticity of Substitution – Returns to Scale and Returns to a Factor – Technical Progress and Production Function – Forms of Production Function; Cobb-Douglas, CES and Fixed coefficient Type – Single Decision of a Firm; Choice of Optimal Factor Combination – Expansion Path – Derivation of Cost Function from Production Function – Multi-product Firm: production Efficiency Locus, Production Possibility Frontier and Choice of Optimal Combination of Output of Products.

Unit – 2: Market Structure and Pricing of Products

A Review of Perfect Competition Equilibrium – Monopoly and its Regulation – Monopolistic Competition: Price-Output Equilibrium – Duopoly Models of Cournot, Bertrand and Stackelberg – Kinked Demand Curve Model of Oligopoly – Collusive Oligopoly: Price Leadership Models.

Unit – 3: Theory of Distribution and Pricing of Factors

Pricing of Factors under Perfect Competition – Factor Share and Technical Progress – Backward Bending Supply Curve of Labour – Monopsony

Unit – 4: Basic Financial Accounting

Various terms used in Accounting – Account, Assets, Liabilities, Capital / Equity, Profit, Loss, Revenue income, Capital income, Revenue expenditure, Capital expenditure - Profit and Loss Account - Balance Sheet - Cash Flow Statement

Recommended Readings:

1. Koutsoyianis, A., “Modern Microeconomics”, Macmillan.
2. Baumol, W.J., “Economic Theory and Operations Research”, Prentice Hall of India.
3. Madalla and Miller, “Microeconomics”, McGraw Hill.
4. Pindyck, R. & Rubinfeld, D.L., “ Microeconomics”, Prentice Hall of India.
5. Mukherjee, S., “Business and Managerial Economics”, New Central Book Agency.
6. Salvatore. D., “Micro Economics”, Schaums Series.
7. Juneja and Chawla, “Book Keeping and Accountancy.”
8. B. B. Dam and H.C. Gautam, “Financial Accounting”

Paper – II: MACROECONOMIC THEORY - I

Unit – 1: National Income Accounting

Different forms of National Income Accounting; Social Accounting, Input-Output Accounting, Flow of Fund Accounting and Balance of Payment Accounting

Unit – 2: Theories of Income and Employment Determination

A Review of the Classical and Keynes's Models – Income Determination Model including Money and Interest; IS-LM Analysis– Real Balance Effect and Patinkin's Full Employment Equilibrium; Patinkin's Concept of Underemployment Disequilibrium

Unit 3: Consumption Function

The Consumption Function Puzzle – The Relative Income Hypothesis – The Permanent Income Hypothesis –The Life Cycle Hypothesis

Unit 4: Investment Function

Marginal efficiency of Investment and level of Investment - The Accelerator and Investment behavior - Impact of inflation - Influence of policy measures on Investment.

Recommended Readings:

1. Jha, R., "Macroeconomics: Theory and Policy"
2. Branson, W.H., "Macroeconomics: Theory and Policy"
3. Agarwala, S.K., "National Income Accounting"
4. Schultz, W., "National Income Analysis"
5. Brooman, F. S., "Macroeconomics".
6. Michl, "Macro Economic Theory –A Short Course", Prentice Hall of India
7. Harris, I., "Monetary Theory"
8. Gupta, S. B., "Monetary Economics"
9. Paul & Taylor, "Macro Economics".

Paper – III: MATHEMATICAL METHODS FOR ECONOMIC ANALYSIS-I

Unit –1: Matrix Algebra and its Application

Matrix Algebra-type of matrices-matrix operations-matrix inversion and solution of simultaneous equations-Cramer's rule -Rank of a matrix-trace of a matrix-application to partial equilibrium market model, national income model, external sector model-static and dynamic open input-output models.

Unit-2: Differentiation

Basic rules of differentiation-rules of differentiations involving more than one functions of the same variable-Rules of differentiation involving functions of different variables-higher order derivatives-applications relating to derivation of elasticity, revenue function, cost function, tax yield in competitive market, tax yield and income multiplier, derivations of other marginal functions.

Unit-3: Partial and total differentiation

Rules of partial and total differentiations-derivative of implicit function-application to comparative static analysis of market model, national income model and input-output model-determination of partial elastic ties of demand-problems relating to indifference curve, isoquant, production function and Euler's theorem.

Unit-4:Unconstrained Optimization

Unconstrained maxima and minima with a single explanatory variable – applications to cost minimization, revenue maximization, tax revenue maximization, profit maximization and equilibrium of firm, Unconstrained maxima and minima with more than one explanatory variables – applications to discriminatory monopoly, Multiproduct equilibrium, Multiplan equilibrium, equilibrium of firm with advertisement cost and subsidy.

Unit – 5: Integration

Applications relating to derivation of total functions from marginal functions, estimation of consumer's surplus, producer's surplus,

Recommended Readings:

1. A.C. Chiang, "Fundamental Methods of Mathematical Economics", McGraw Hill.
2. S. Baruah, "Basic Mathematics and its Economics Applications", MacMillan.
3. J.M.Henderson and R.E.Quandt, "Micro-economic Theory – A Mathematical Treatment."
4. R.G.D. Allen, "Mathematical Analysis for Economists."
5. Mouhammed, "Introduction into Mathematical Economics", Prentice Hall of India.
6. M. Metwally, "Mathematical Treatment of Micro-Economics."

Paper – IV: STATISTICAL METHODS FOR ECONOMIC ANALYSIS

Unit – 1: Probability Theory

Axiomatic Definition and derivation of Basic Probability Rules – Conditional Probability, Baye’s Theorem (Concept only) – Random variable – Mathematical Expectation and Moments relating to both Discrete and Continuous random variables.

Unit2: Standard Probability Distribution

Binomial, Poisson and Normal – Moment Generating Function (Definition only) – The Central Limit Theory (without Proof).

Unit – 3: Income Distribution

Pareto’s Law of Income Distribution – Log-normal Distribution – Lorenz Curve and Ginni Coefficient

Unit – 4: Index Number

Relation Between Laspayre’s and Paasche’s Index Numbers – Time Reversal, Factor Reversal, Circular test of Index Number - Fisher’s Index Number – Chain Base Index Number – Base Shifting, Splicing and Deflating – Indices of Industrial Production.

Recommended Readings:

1. Yamane, Taro, “Statistics – An Introductory Analysis”.
2. Hooda, P.R., “Statistics for Business and Economics”, Macmillan.
3. Gupta, S.C. and Kapoor, U.K., “Fundamentals of Mathematical Statistics”
4. Nagar, A.L. and Das, R.K., “Basic Statistics”, Oxford.
5. Agarwala, B.L., “Basic Statistics”, New Age International.
6. Salvatore, Dominick and Reagle, Darrick, “Statistics and Econometrics”, TMH
7. Klein, L.R., “An Introduction to Econometrics”
8. Goon Gupta, Das Gupta, “Fundamental of Statistics, Vol. II”

Paper – V: ADVANCED MICROECONOMICS

Unit – 1: Analysis of Consumer’s Choice

A Review of Indifference Curve and Revealed Preference Approach – Violation of the Premises of Indifference curve Approach: Satiation and Lexicographical Ordering.

Unit – 2: Inter-temporal Choice & Choice under Uncertainty

Discounting and Present Value – Inter-temporal Consumption Decision – Inter-temporal Production Decision – Evaluation of Investment Projects – Determination of the Rate of Interest; Attitude Towards Risk – Expected Utility – Measures of Risk Aversion – Certainty Equivalence and the Cost of Risk – Economics of Insurance. – Asymmetric Information and Adverse Selection – Moral Hazard

Unit –3: General Equilibrium

Partial Versus General Equilibrium Approaches – Meaning of General Equilibrium – Walrasian General Equilibrium System: Tatonnement; Existence, Stability and Uniqueness of the Equilibrium – Introductions to the Contributions of Arrow and Debreu – Critique of General Equilibrium Theory – Non-tatonnement Process.

Unit – 4: Welfare Economics

Pareto Optimality – The Fundamental Theorems of Welfare Economics – Market Failure: Externality and Public Good – Welfare Effects of Non-price Allocations and Price Control – Problem of Welfare Maximization: Compensation Principle, Social Welfare Function – Social Choice: Contributions of Arrow and Sen.

Recommended Readings:

1. Layard and Walters, “Microeconomic Theory”,
2. Gravelle and Rees, “Microeconomics”, Longman.
3. Baumol, W.J., “Economic Theory and Operations Research”, Prentice Hall.
4. Ryan and Pearce, “Price Theory,” Macmillan.
5. Madalla and Miller, “Microeconomics,” Tata McGraw Hill.
6. Varian, Hall, “Intermediate Microeconomics.”
7. Henderson and Quandt, “Microeconomic Theory”
8. Sen, A., “On Economic Inequality”
9. Hands, D.W., “Introductory Mathematical Economics”, Oxford.

Paper – VI: MACROECONOMIC THEORY - II

Unit – 1: Demand for Money & Supply of Money

The Demand Money – The Classical Approach - The Keynesian Approach – Friedman’s Contribution – The Approaches of Baumol and Tobin: Inventory Theoretic Approach – The Portfolio Balance Approach.

Unit 2: Theory of Inflation and Economic Stabilization

Classical, Keynesian and Monetarist approaches to inflation; Philips Curve Analysis – Short run and Long run Philips curve– the natural rate of unemployment hypothesis; Adaptive Expectations - Rational Expectations – The New Classical Approach and its Policy Implications – Empirical Evidence.

Unit –3: International Payments

Exchange Rate-Balance of Payments-relationship between the current account and the capital and financial account- Disequilibrium in International Payment, Adjustment Mechanisms under various Exchange Rate Regimes, Devaluation and Exchange Control - The Monetarist Approach to the Balance of Payments.

Unit – 4: Business Cycles

Theories of Kaldor, Samuelson and Hicks - Control of Business Cycles – Relative efficacy of Monetary and Fiscal policies

Recommended Readings:

1. Brooman, F. S., “Macroeconomics”
2. Branson, W.H., “Macroeconomics: Theory and Policy”
3. Harris, I., “Monetary Theory”
4. Gupta, S. B., “Monetary Economics”
5. Patinkin, D., “Money, Interest and Prices”
6. Jha, R., ”Macroeconomics: Theory and Policy”
7. Dornbursch, R. and Fisher, S., “Macroeconomics”
8. Soderstein, B., “International Economics”, Tata McGraw Hill.
9. Paul and Taylor, “Macro Economics”

Paper – VII: MATHEMATICAL METHODS FOR ECONOMIC ANALYSIS-II

Unit – 1: Optimization with Equality Constraint

Optimization with equality constraints, Lagrange's multiplier method – application to consumer's equilibrium and producer's equilibrium in factor market

Unit – 2: Calculus for Dynamic Analysis

First order differential equation and its solutions – application to dynamic stability of market and simple growth process (Harrod-Domar), First order difference equation and its solution- application of difference equation – lagged market model (Cobweb) and Harrod's model of growth.

Unit – 3: Optimization with inequality constraint

Liner programming, General formulation Transportation problem, diet problem and production problem – Simplex method of solution (two variables, two constraints only) – Concept of duality

Unit – 4: Game Theory

Two-person Zero sum game – pure strategies with saddle point, games without saddle point – the rules of dominance – solution of games without saddle point – mixed strategies, Basic ideas and examples of non zero sum games – Nash equilibrium, Prisoner's dilemma and Repeated games.

Recommended Readings:

1. A.C. Chiang, "Fundamental Methods of Mathematical Economics", McGraw Hill.
2. S. Baruah, "Basic Mathematics and its Economics Applications", MacMillan.
3. J.M.Henderson and R.E.Quandt, "Micro-economic Theory – A Mathematical Treatment."
4. R.G.D. Allen, "Mathematical Analysis for Economists."
5. Taro Yamane, "Mathematics for Economists."
6. E.T. Dowling. "Theory and Problems of Mathematical Methods for Business and Economics", McGraw Hill.
7. Mouhammed, "Introduction into Mathematical Economics", Prentice Hall of India
8. R.Hadley, "Linear Algebra."
9. M. Metwally, "Mathematical Treatment of Micro-Economics."

Paper –VIII: ELEMENTS OF ECONOMETRICS

Unit – 1: Sampling and Estimation

Concept of Sampling Distribution and Standard Error of a Statistic – Methods of Estimation – Principles of Moments, Least Square and Maximum Likelihood (Concept only) – Characteristics of a Good Estimator

Unit –2: Statistical Inference

Testing of Hypothesis: Type I and Type II Errors, One-tailed and Two-tailed Tests – Test based on Standard Normal, t and Chi-Square Distributions.

Unit – 3: Linear Regression Model and Its Estimation

The Two Variable Model and its OLS Estimation – The General Linear Regression Model – Standard Assumptions – OLS Estimators and their Properties – The Coefficient of Determination – Maximum Likelihood Methods, Estimation and Properties.

Unit – 4: Inference from Linear Regression Estimation

Test of Hypothesis about Regression Coefficients and their Confidence Interval – Prediction with the Linear Regression Model

Unit – 5: Further Topics in Linear Regression Model

Multicollinearity: Effects, Detection and Remedies – Specification Errors and their Consequences – Qualitative Factors and Dummy Variables – Introductions to Heteroscedasticity and Autocorrelation of Disturbances (Ideas only).

Recommended Readings:

1. Johnston, J. “Econometric Methods”, McGraw Hill.
2. Gujarathi, D., “Basic Econometrics”, McGraw Hill.
3. Salvatore, Dominick and Reagle, Darrick, “Statistics and Econometrics”, Tata Mc Graw Hill

Paper – IX: DEVELOPMENT ECONOMICS – I

Unit – 1: Development and Underdevelopment-An Overview

Problems in Defining Economic Development — Per Capita Income as an Index of Development – Alternative Measures of Development Gap: HDI, GDI (including new concepts) and related indices. Poverty: Concepts and Measurement - Income Inequality and Growth – Redistribution with Growth

Unit-2: Theories of Economic Growth

Classical Approach-Adam Smith and Ricardo – The Theory of Marx.- Schumpeter’s Analysis, Harrod-Domar Model: Instability of Equilibrium – Solow’s Neoclassical Model and Steady State Growth – Role of Technical Progress – Convergence – Role of Human Capital – Endogenous Growth – Alternative Growth Model: Joan Robinson and Kaldor

Unit – 3: Theories of Development

The Vicious Circle Theory –The Process of Cumulative Causation: Myrdal – Neo-Colonial Dependence Model. The Stages of Growth: Rostow – Big Push: Rosenstein – Rodan – Balanced Growth: Nurkse – Unbalanced Growth: Hirschman – Critical Minimum Efforts: Leibenstein.

Unit – 4: Development from Dual Economic Structure

Unlimited Supply of Labour and The Dual Economy Models of Lewis and Fei-Renis – The Harris–Todaro Model.

Recommended Readings:

1. Meier, G.M., “Leading Issues in Economic Development”, OUP.
1. Todaro, M.P., “Development Economics”, Pearson.
2. Thirlwal, A. P. “Growth and Development” Palgrave
3. Roy, D., “Development Economics”, OUP.
4. Basu, K., “Analytical Development Economics: A Critique of Contemporary Theory”, OUP.
5. Sen, A. (Ed.), “Growth Economics”, Penguin.
6. UNDP, “Human Development Reports”, OUP.
7. World Bank, “World Development Reports”, OUP.
8. Barro & Salai-Martin, “Economic Growth”, Prentice Hall of India.

Paper – X: INTERNATIONAL ECONOMICS

Unit 1: International Trade Theories

The main propositions of Heckscher-Ohlin Model – Rybczynski Theorem - Heckscher-Ohlin Theorem – Stolper-Samuelson Theorem – Factor Price Equalization Theorem
Alternative Trade Theories: Vent for Surplus – Availability – Increasing Returns to Scale – Monopolistic Competition and International Trade – Imitation Gap and Product Cycle Theories of Trade

Unit 2: Economic Growth and International Trade

Effects of Growth on Trade – Growth, Trade and National Income – Trade and Technical Progress – Terms of Trade Effects – Prebisch-Singer Thesis

Unit 3: Trade and Policy Prescriptions

Types of Tariff – Partial Equilibrium Analysis of Tariff – General Equilibrium Analysis (Small Country Case) – Tariff and World Welfare – Tariff and Income Distribution – Effective Protection – Economic and Non-economic Arguments for Protection
Instruments of Commercial Policy: Export Tax and Subsidy – Quantitative Restrictions – International Cartels – Dumping – Other Non Tariff Barriers
Preferential Trading Club - Free Trade Area – Customs Union – Common Market – Economic Union – Trade Creation and Diversion - Dynamic Effects of Customs

Unit 4: International Monetary Order

Portfolio and Direct Investment – Theory of Direct Investment – Effects on Host and Investing Countries – Direct Investment and Exploitation, International Monetary System and Characteristics of a Good IMS – the Gold Standard – Inter-War Period – The Britton Woods System – Present System of Managed Flexibility Union – Optimum Currency Area – European Monetary System

Recommended Readings:

1. Chacholiades, M., “International Trade: Theory and Policy”, McGraw Hill.
2. Kindleberger, Ridge, “International Economics”, Irwin.
3. Soderston, B., “International Economics”, Tat McGraw Hill
4. Lipsey, R.G., “The Theory of Custom Union”, Windfield.
5. Caves, R.F. and Jones, “World Trade and Payment”, Little Brown Co.
6. Meade, J.F., “Theory of International Economic Policy”, OUP.
7. Roy, P.N., “International Trade: Theory and Policy”
8. Jain, Peyrand and Yadav, “International Financial Management”.
9. M.M. Conden, “Economics of Protection.”

Paper – XI: ISSUES IN INDIAN ECONOMY

Unit – 1: National Income, Unemployment and Poverty

National Income: Trends in Growth and Structure – Unemployment: Recent Trends and Estimates, Employment Policy under Different Plans, New Economic Policy and Employment Prospect – Poverty Analysis

Unit – 2: Industrial Policy and Controls

The Industrial Environment at Independence – Industrial Policy of 1956 – Performance of Industrial Licensing System – Economic Reforms and New Industrial Policy Industry – Indian Industry in the Contemporary context.

Unit – 3: Indian Agriculture

Agriculture Performance: Growth and Productivity – Agriculture Policy: Institutional Reforms, Credit Reforms, Agrarian Reforms – Agricultural Technology, Resources and Investment - Economic Reforms and their impact on Agriculture: Emerging Perspective.

Unit – 4: India's Economic Reforms

Rationale for Economic Reforms – History of Economic Reforms – Current Phases of Reforms – Public Sector Enterprises – Privatisation and Competition – Financial Sector Reforms – Planning in the Context of Liberalisation - Economic Liberalisation and Regional Planning in India.

Unit – 5: India in the Context of Emerging Global Economy

The Nature of Global Economy – Development in the World Economy – India's Economic Reforms in the Global Context – Foreign Trade Policy – Convertibility of Rupee – Impact of WTO on Indian Economy – Foreign Investment and Multinational Corporations.

Recommended Readings:

1. Bardhan, P., "The Political Economy of Development of India", OUP.
2. Brahmananda, P.R. and Panchamukhi, V.R., "The Development Process of Indian Economy", Himalaya.
3. Jalan, Bimal (Ed), "The Indian Economy – Problems and Prospects", Viking.
4. Kapila, Uma (Ed), "India's Economic Reforms", Academic Foundation.
5. Hazari, R.K., "Industrial Planning and Licensing Policy", Final Report.
6. Sen, A. and Dreeze, J., "Economic Development and Social Opportunities", OUP.
7. Wadhwa, C. (Ed), "Some Problems of India's Economic Policy", Tata McGraw Hill.
8. Fouseca, A.J. (Ed), "Challenge of Poverty in India", Vikas.
9. Rao, V.K.R.V., "India's National Income, 1950-1980", Sage.
10. Byres, T.J. (Ed), "The State, Development Planning and Liberalisation in India".

PAPER-XII: PUBLIC FINANCE-I

Unit-1 The State and its role in the Economy

The role of the government in the economy -*allocation, distribution, and stabilization functions*.
Criteria for policy evaluation – *equity, economic efficiency, paternalism and individual freedom and their tradeoff*

Unit-2: The Provision of Public Goods

The nature of Public goods, Public Goods and market failure, The efficient provision of public goods

Basic concepts- *The Theory of Clubs, Tiebout Hypothesis, Voluntary Bargaining in Small Groups (Coase's analysis)*

Public goods - *externalities, corrective policies, and viability of government intervention*

Public Choice: *Majority Rule and the Median Voter, Logrolling,*

Unit-3: Public Expenditure

Theories of Public Expenditure- *Lindahl's Model of Voluntary Exchange, Samuelson's Benefit Theory of Public Expenditure, Musgrave's Optimum Budget Theory*

Public Expenditures on, non-marketed goods, fixed-quantity subsidy for marketed goods, and excise subsidy - their impact on allocation and distribution

Evaluation of public expenditure- *cost-benefit analysis*.

Unit-4: Public Revenue

Concepts- *Tax Ratio, Buoyancy, and Elasticity of taxation, Rate schedules of taxation, Tax Credit, Exemption and Deduction, Excess burden of tax, and Taxable Capacity*.

Principles of Taxation: The Benefit Principle. The Ability to Pay Principle- *Concepts of equal sacrifice, ability to pay and tax rate schedules, the Maximum- Welfare Principle of Budget Determination*.

The Neo-classical Theory of Tax Incidence and Shifting, price-output effect of shifting under different cost conditions and market situations. Musgrave's Budget Incidence Theory.

Capitalization of tax

Value Added Tax.

Recommended Readings:

1. Cullis, John & Jones, Philip, "Public Finance and Public Choice", McGraw Hill.
2. Browning, E.K. & Browning, J.M., "Public Finance and the Price System", Pearson.
3. Musgrave & Musgrave., "Public Finance in Theory and Practice".
4. Current Report of the Finance Commission, India.
5. Buchanan, J.M., "The Public Finance", Richard D. Irwin.
6. Pigou, T.F. and L.G. Sgontz., "An Introduction to Public Finance", Houghton.

Paper – XIII: DEVELOPMENT ECONOMICS-II

Unit –1: Components in the Development Process

Agriculture's Contribution to Development – Agriculture-Industry Interactions – The Role of Land Reforms and Price Policy in Agricultural Transformation- Industrialization: Export Promotion versus Import Substitution Strategies – The Choice of Techniques.

Unit – 2: Development Planning

The Concept and Types of Planning – Rational for Planning in a Developing Economy – The Planning Process: Projection of Macro Variables, Input-Output Models and Sectoral Projections, Project Evaluation and Social Cost-Benefit Analysis – Plan Failures, Market Versus Planning – Planning in a Market Oriented Economy – Plan Models in India (The Models of 2nd Plan, 5th Plan and the ongoing Plan)

Unit – 3: Financing of Development

Domestic Sources: Private Savings, Taxation – Financing by Money Creation and its Effects – The Dual Gap Analysis: Saving-Investment Gap and the Foreign Exchange Gap – Foreign Borrowing and the Debt Serving Problem – Private Foreign Investment.

Unit – 4: Environment and Development

Environment and Economy Interdependence - Poverty and Environmental Degradation – The Concept of Sustainable Development - Micro Planning for Environmental and Eco-Preservation – Watersheds and Joint Forest Management - Role of State in Environmental Preservation

Recommended Readings:

2. Meier, G.M., “Leading Issues in Economic Development”, OUP.
3. Todaro, M.P., “Development Economics”, Pearson.
4. Thirlwal, A. P. “ Growth and Development” Palgrave
5. Roy, D., “Development Economics”, OUP.
6. Basu, K., “The Less Developed Economy:”, OUP.
7. World Bank, “World Development Reports”, OUP.

PAPER-XIV: PUBLIC FINANCE-II

Unit-1: Public Debt

Public Debt – sources, burden and effects. Optimality in Public Debt Management
Pay-As-You-Use and Pay-As-You-Go Finance, Musgrave's Intergeneration Equity Theory

Unit-2: Public Budget

The Modern Theory of Public Budgeting, Structure of a public budget, Incremental and Zero-base Budget, Outcome Budget

Concepts: Budget deficit, revenue deficit, fiscal deficit and primary deficit.

The current Union and the Assam state budget.

Unit-3: Fiscal Policy

Fiscal Policy and its role in the economy, Compensatory Fiscal Policy, Functional Finance and Pump Priming

Fiscal Policy under conditions of inflation, and in the presence of unemployment

The Balanced Budget Multiplier, Built-in- Flexibility in the compensatory mechanism

Incidence of deficit financing: Impact of deficit finance on the capital market: *The Crowding Out Effect*. The welfare cost of deficit finance. Rationale and methods of reducing deficits

Unit-4 Fiscal Federalism

Principles of division of financial resources, Instruments of inter-government resource transfer.

Horizontal and Vertical fiscal balance, Problems of Centre-State Financial Relations in India

Recommended Readings:

1. Cullis, John & Jones, Philip, "Public Finance and Public Choice", McGraw Hill.
2. Browning, E.K. & Browning, J.M., "Public Finance and the Price System", Pearson.
3. Musgrave & Musgrave., "Public Finance in Theory and Practice".
4. Current Report of the Finance Commission, India.
5. Buchanan, J.M., "The Public Finance", Richard D. Irwin.
6. Pigou, T.F. and L.G. Sgontz., "An Introduction to Public Finance", Houghton.

Optional Papers

(a) POPULATION AND HUMAN RESOURCE DEVELOPMENT

Unit – 1: Basic Theories and Concepts

The Malthusian Theory of Population - Theory of Optimum Population - Theory of Demographic Transition - Population as Limits to Growth and as 'Ultimate Source' - Sources of Population Data - Population Pyramids, Population Change: Concepts and Measurement - Characteristics of Indian Population as Revealed by the Latest Census.

Unit – 2: Elements of Vital Statistics

Vital Rates: Measures of Fertility – Crude Birth Rate, General Fertility Rate, Age Specific Fertility Rates, Measures of Reproductivity – Total Fertility Rate, Gross Reproduction Rate, Net Reproduction Rate – Measures of Mortality – Crude Death Rates, Age Specific Death Rates, Concept of Infant Mortality Rate, Life Table – Concept, Types and Uses, The Different Columns of a Complete Life Table.

Unit – 3: Economics of Education

Education and Human Resource Development – Education and Economic Development – Cost – Benefit Analysis of Education – Measurement of Costs – Measurement of Benefits – The Rate of Return of Investment in Education – Social Rate of Return to Investment in Education - Public and Private - Financing of Education: Criteria for Adequacy of Education Finance, Traditional as well as Modern Concept of Adequacy – Financing of Education and Equity – Financing for Higher Education in India and its Problems.

Unit – 4: Manpower Planning

Significance and Problems, Measurement – Manpower Demand and Supply – Methodological Issues in Estimating Manpower Demand and Supply – Input-Output Method in Forecasting Manpower Requirement – Educational Planning and its Economic Aspects, Meaning and Concept of Brain Drain – Brain Drain and Under-developed Countries – Cost of Brain Drain.

Recommended Readings:

1. Bhende, A., and R. Kanitkar, "Principles of Population Studies".
2. Gupta and Kapoor, "Fundamentals of Applied Statistics."
3. Goon, Gupta, DasGupta, "Fundamentals of Statistics", Vol. II.
4. Ramkumar, R, "Technical Demography".
5. Nick hanley and Others, "Environmenatl Economics", MacMillan.
6. G. Psacharopolous (ed), "Economics of Education" Perdgaman Press.
7. Ian Beardwell and Len Holden (ed), "Human Resource Management – Contemporary Perspective", MacMillan.
8. M.P.Todaro, "Economic Development in the Third World", Oriented Longman.
9. NCAER, "India: Human Development Report".
10. UNDP Human Development Reports, Oxford University Press.

(b) ECONOMETRIC METHODS

Unit – 1: Generalised Least Squares

Aitken's Theorem of GLS – Feasible GLS and its Properties – Heteroscedasticity: Test and Solutions – Autocorrelation: Test and Solutions.

Unit – 2: Non-Linear Estimation

Non-Linear Least Squares and Iteration process – Models with Binary Dependents Variables – Logit and Probit Models

Unit – 3: Distributed Lag Models

Concept – Koyck Model – Partial Adjustment and Adaptive Expectation Models – Estimation of Models with a Lagged Dependent Variable – Test of Autocorrelation in Auto-Regressive Models

Unit – 4: Analysis of Time Series

Components of Time Series – Fitting of Trend – Variate Difference Method – The idea of a stochastic Time Series - Stationary and Non-stationary Time Series – Autocorrelation Function and Correlelogram - the Problem of Regression Analysis with Non-stationary Time Series.

Unit – 5: Introduction to Simultaneous Equation Model

Structural and Reduced Forms – Simultaneity Bias – Informal Introduction to Identification Problem, Indirect Least Squares and Two Stage least Squares

Recommended Readings:

1. Johnston, J., "Econometric Methods", McGraw Hill.
2. Gujarathi. D., "Basic Econometrics", McGraw Hill.
3. Pindyck and Rubinfeld, "Econometric Models and Econometric Forecasts", McGraw Hill.
4. Greene, William, "Econometric Analysis", Macmillan.
5. Johnston and Dinardo, "Econometric Methods", McGraw Hill.

(c) ENVIRONMENTAL ECONOMICS

Unit –1: The Economy and the Environment

Interlinkings between the Economy and the Environment – The First two laws of Thermodynamics – Environment Degradation as Market Failure- Externality, Pigouvian Tax, Property Rights and Transaction Costs – Environmental Public Goods

Unit – 2: Economics of Natural Resources

Economic Issues relating to use of Non-renewable Resources, Optimal Depletion – Issues relating to Renewable resources, Sustainable exploitation - Common Property Resources – Open Access – The Tragedy of Commons

Unit –3: Valuation of Environmental Damages and Benefits

Use and Nonuse Values - Valuation Methods – Stated Preference Methods: Contingent Valuation – Revealed Preference Methods: Hedonic Pricing and Travel Cost Method – Environmental Impact Assessment.

Unit –4: Environment and Development

Environment Development Trade off – Poverty and Environment – Concept and Indicators of Sustainable Development: Environmental Accounting - Policies for Sustainable Development.

Unit –5: Political Economy of Global Environmental Issues

Climate Change, Loss of Biodiversity, Ozone Depletion, International Conventions and Protocols –Trade and Environment – Pollution Havens.

Recommended Readings:

1. Kolstad, Charles D., “Environmental Economics”, Oxford University Press.
2. Hanley, Shogren and White, “Environmental Economics”, Macmillan.
3. Shanker, U, “Environmental Economics”, Oxford University Press.
4. Bhattacharjya, R., Environmental Economics”, Oxford University Press.

(d) FINANCIAL SYSTEM

Unit-1: The Financial System

Components of the financial system: Institutions, Markets, Instruments, and Services.-Functions of the Financial System. - Relationship between the Financial System and Economic Growth.

Unit-2: Financial Markets- Money Market

Structure and Functions. - Instruments in the money market -Treasury Bill, Call Money Market, Commercial Papers, Certificate of Deposits and Commercial Bills. Money Market Intermediaries: The Discount and Finance House of India and Money Market Mutual Funds. Liquidity Management Instruments in the Money Market -.Money Market Derivatives.

Unit- 3: Financial Markets- Capital Market

Structure and functions of the capital market - Primary Equity Market: Instruments of resource mobilization- Public Issues, Right Issues, and Private Placement. Resource mobilization from International Capital Market.- Secondary Equity Market: Functions of the secondary market. The Stock market and its operation. Stock Market Index- The BSE Sensex and the NSE Nifty - Derivative Equity Market: Nature of Derivatives and their benefits. Types of Financial Derivatives. - Debt Market: Participants in the Debt Market- The Private Corporate Debt Market, The PSU Bond Market and the Government Securities Market, MF Role and types of MF – Concepts of NPV.

Unit-4: Valuation of Financial Assets

The time value of money and asset pricing - The valuation of debt instruments - The equilibrium price and quantity of bonds: loanable fund approach, Demand and Supply approach. - Valuing stock and other assets- income stocks and growth stocks -Equilibrium price and value of stock transactions.

Unit-5: Financial Sector Reforms

Evolution of Banking System in India - Banking Sector Reforms - Reforms in the Capital Market.

Recommended Readings:

1. Baye, R. Michael & Jonson, W. Bennis, “Money, Banking and Financial Market-An Economic Approach”, AITBS Publishers.
2. Pathak, Barati, B., “Indian Financial System”, Pearson Publication.
3. Chandler, V.L., “The Economics of Money and Banking”
4. Saxena, R.M., “Development Banking in India”
5. Gupta, S. B., “Monetary Economics: Institutions, Theory and policy”
6. Avadnani, V.A., “Studies in Indian Financial System”
7. Sharma, S.K., “The Institutional Structure and Capital Market in India”
8. Dagli, V., “Financial Institutions in India”
9. Gupta, U.L., “Working of Stock Exchanges in India”
10. Raj, J., “Money Market, Mutual Funds: Scope and Implications”
11. RBI Reports, Tandon, Chakraborty, Dantwala Reports
12. Reserve Bank of India, “Functions and Working”.

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

SL. NO	PAPER NO	PAPER NAME
FIRST SEMESTER		
1	I	Microeconomics Theory
2	II	Macroeconomics Theory – I
3	III	Mathematical Methods for Economic Analysis-I
4	IV	Statistical Methods for Economic Analysis
Second Semester		
5	V	Advanced Microeconomics
6	VI	Macroeconomic Theory –II
7	VII	Mathematical Methods for Economic Analysis-II
8	VIII	Elementary Econometrics
Third Semester		
9	IX	Development Economics-I
10	X	International Economics
11	XI	Issues in Indian Economy
12	XII	Public Finance-I
Fourth Semester		
13	XIII	Development Economics-II
14	XIV	Public Finance-II
15	(a)	Population and Human Resource Development
16	(b)	Econometric Methods
17	(c)	Environmental Economics
18	(d)	Financial System

**GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING**

Programme Project Report

PPR ID : GU/GUIDOL/PPR/06 (Total no. pages : 38)

**Programme: Master of Arts in Mathematics and Master of Science in
Mathematics**

1. Programme mission and objective:

The mission of the Programme to be launched is "to cater to the need of higher education in mathematics and to widen the periphery of education and application in mathematics."

Objectives of the Programme:

- to promote higher education and research in the field of pure and applied Mathematics,
- to enhance and develop their knowledge and understanding on the theoretical and practical foundations of Mathematics as a subject.
- to nurture the finest talents in Mathematics and capacitate them with high level of professional competence,
- to create resources in the field of mathematics to contribute in the different fields of applied science,
- to think critically and to aid in decision-making
- to generate competent and well-educated man-power for the teaching profession as well as manning positions of research associates in public/private sector academic and research institutions.

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Mathematics was established in 1948 and has set up, over the years, a close association with formal and informal organizations in the field of educational


পঞ্জীয়ক
গুৱাহাটী বিশ্ববিদ্যালয়, গুৱাহাটী-১৪
Registrar
Gauhati University, Guwahati-14

research & development which give opportunity to the students to acquire practical knowledge and ideas.

Keeping in view the motto of “*Quality Higher Education For All*” Masters of Arts in Mathematics and Master of Science in Mathematics to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in field of Mathematics to those aspiring candidates who are deprived of higher education due to the limited number of intake in the conventional mode of education in the Universities. Moreover, to keep the quality intact, the curriculum and syllabus is designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department.

3. Nature and target group of learners: Our target group includes-

- *those deprived of admission in the parent department of regular mode due to limited intake capacity,*
- *those employed in various organizations who desire to pursue higher education as a passion or as a mean for movement up the promotional ladder,*
- *drop outs primarily due to social , financial and economic compulsions as well as demographic factors,*
- *job seekers,*

Gauhati University also has a provision in the ODL mode for lateral entry for those who had to discontinue the regular course after successful completion of the first two semesters due to unavoidable reasons. Acceptability of the lateral entry provision is an indicator of parity of the courses in regular and distance mode. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the University, external experts and teachers of Gauhati University Institute of Distance and Open Learning (GUIDOL), keeping in view the needs of the diverse group of learners.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence- The programmes to be to be offered through ODL Mode will have certain learning outcomes. The programmes will help the learners

- *to enhance and develop their knowledge and understanding on the theoretical and practical foundations of Mathematics as a subject in particular*
- *to create the knowledge of basic and advance concept of mathematics with its application in its allied fields*
- *to build knowledge of the different analytical tools based on mathematical concepts for relating mathematics and application of mathematics in the different fields of science for scientific enhancement and support*
- *to commit to action that demonstrates care for others*

5. **Instructional Design:**

- a) **Curriculum Design:** The curriculum is designed by a committee comprising of experts from the parent department of the University, GUIDOL, keeping in view the needs of the diverse group of learners. Apart from theoretical component, the syllabus emphasizes on practical exposure of students to different fundamental programming languages of Computer Science. This is included in the course content of this programme.
- b) **Detailed Syllabus:** Enclosed (*Enclosure I*) .
- c) **Duration of the Program:** Minimum 2 (two) years. However, the learners are required to complete the course within 4 (four) years from the date of admission.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in 4 (four) semesters having 5(five) courses/papers in each semester and also with the opportunity to choose optional courses offered. The learners will be provided with the printed SLMs which cover almost all the contents in the syllabus (*enclosure-III*). Counselling sessions will be held in the headquarter and various affiliated study centres. Telephonic Counselling and providing online learning resources will also be a part of the instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
- e) **Faculty:**
 1. Prof. Kuntala Patra, Department of Mathematics, Gauhati University nominated as Coordinator of the ODL programmes in Mathematics

2. The post of Academic Consultant in Mathematics is advertised and recruitment to the post will soon be done.
3. Resource persons drawn from amongst teachers of affiliated colleges and faculty staff of the Department of the University.

f) **Media:** Print Media, ICT enabled content and e-Learning resources

g) **Student Support Service:** In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-

- i) **Network of Study Centres:** To assist its learners of the ODL mode the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
- ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North Eastern region of India. Which provides the following services to the students:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

(iv) **Dynamic Website** Gauhati University has a dedicated dynamic website for ODL learners where one can get all the informations regarding its programmes, upcoming events, examination results etc.

- v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in.
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated GUIDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcast radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. **Procedure for Admissions, Curriculum transaction and Evaluation-**

Admission- The admission process starts from August and ends by the end of September every year. The learners can go for either offline or online admission process. The minimum eligibility for M.A. & M.Sc programme in Mathematics is any graduate from any recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belonging to SC/ST and OBC categories in the form of scholarship. A few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Hon’ble Vice Chancellor.

Curriculum transaction- Activity Planner: Enclosure II

Evaluation- Each course/paper will carry 80% weightage for the term-end examinations and 20% for internal evaluation in the form of Home Assignments/internal examinations.

In order to pass/clear a course/paper, a candidate must secure minimum 35% marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Examination rules and regulations of Gauhati University.

7. **Library Resources:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, GUIDOL has its own Library where various books, journals and magazines are available.

Gauhati University being a member of the UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 67.5 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. **Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

ENCLOSURE-I

Syllabus (IDOL) for M.A/M.Sc in Mathematics.

The M.A/ M.Sc IDOL syllabus has been restructured for the semester system on the basis of the guidelines of the UGC. There are four semesters in two years; each semester comprising of five papers. In the third semester 3 papers are common to all and the other two papers are optional. In the 4th semester two papers are common and three papers are optional. Questions will be set from each unit, proper weightage will be given unit wise and marks from each unit are shown accordingly. In each paper there will be an internal assessment of 20 marks.

Semester I

- Paper- M101: Real Analysis and Lebesgue Measure
Paper-M102: Topology
Paper-M103: Algebra
Paper-M104: Differential Equation.
Paper-M105: Tensor and Mechanics

Semester II

- Paper- M201: Complex Analysis
Paper-M202: Functional Analysis
Paper-M203: Hydrodynamics
Paper-M204: Mathematical Methods.
Paper-M205: Operation Research

Semester III

- Paper- M301: Computer Programming in C (theory and Practical)
Paper-M302: Number Theory
Paper-M303: Continuum Mechanics
Paper-M304 Algebra II/Space Dynamics
(Optional):

Paper-M305: Special Theory of Relativity /Mathematical Logic
(Optional):

Semester IV

Paper- M401: Graph Theory

Paper-M402: Numerical Analysis

Paper-M403: Functional Analysis II/ Fluid Dynamics

Paper-M404: Mathematical Statistics /Dynamical System.

Paper-M405: Fuzzy Sets and their Applications/General Theory of
Relativity and Cosmology.

Detailed Course Structure

Semester I

M101: Real Analysis and Lebesgue Measure

Unit 1: (Marks-20)

Uniform convergence at an interval. Cauchy's criterion. Test for uniform convergence. Properties of uniformly convergent sequences and series of functions. Uniform convergence and continuity. Integration, differentiation Weirstrass approximation theorem (Statement only) and its application. Uniqueness theorem for power series. Abel's and Taylor's theorem. Fundamental properties.

Unit 2: (Marks-20)

Function of bounded variation, continuity, Differentiation, their continuity and monotonicity. Definition and Existence of R-S integral, properties of R-S integral integration and differentiation, fundamental theorem of calculus.

Unit3: (Marks-20)

Lebesgue outer measure, Measurable sets and properties. Borel sets and their measurability characterization of measurable sets, Non-measurable sets, Measurable function, Properties, Operation of measurable function, sets of measure zero.

Unit 4: (Marks-20)

Lebesgue integral, Lebesgue integral of a bounded function, comparison of Riemann integral and Lebesgue integral. Integral of non negative measurable function, General Lebesgue integral. Convergence of Lebesgue integral, Bounded convergence theorem (statement only) Monotone Convergence theorem (statement only), Lebesgue Convergence theorem (statement only).

Books Recommended:

1. Malik and Arora: Mathematical Analysis, Narosa Publishing House, New Delhi.

2. L.Royden: Real analysis, Prentice Hall of India.
3. W.Rudin: Principles of mathematical Analysis, 3rd Edition, McGraw Hill
4. Jain and Gupta: Lebesgue Measure and integration, Willey Eastern Ltd

M102: Topology

Unit 1: (marks-20) Metric Space:

Convergence of sequences, completeness, Bair's theorem, continuous mappings, spaces of continuous function's Euclidean and unitary spaces.

Unit 2: (marks-10) Topological Space:

Continuity and homeomorphism, subspace, bases and sub bases. Weak topologies.

Unit 3: (marks-20) Compactness:

Compact spaces, product spaces, Tychonoff's theorem and locally compact spaces. Compactness for metric spaces, Ascoli's theorem.

Unit 4(marks-20) Separations:

TI-space and Hausdorff spaces, Completely regular spaces and normal spaces, Urysohn's lemma and Tietze extension theorem.

Unit 5: (marks-10) Connectedness:

Connected spaces, components of a space, totally disconnected spaces, locally connected spaces.

Books Recommended:

1. G.F Simmons.: Introduction to Topology and Modern Analysis, McGraw Hill
2. J.R.Munkers: Topology, A first course, Prentice Hall, India

M103: Algebra

Unit1: (marks-20)

Direct product and Direct sums of Groups, Decomposable groups, Normal and Subnormal series of groups, Composition series, Jordan Holder theorem, solvable groups.

Unit2: (marks-20)

Divisibility in Commutative rings, PID, UFD and their properties, Eisenstein's irreducibility criterion.

Unit3: (marks-20)

Field theory-Extension fields, Algebraic and Transcendental, Splitting field, perfect fields, Finite fields (Moore's theorem etc.). Construction by ruler and compass, elements of Galois theory.

Unit4: (marks-20)

Canonical forms, similarity of linear transformations, Invariant subspaces, Reduction to triangular forms, nilpotent transformations, index of nil potency, invariants of a nilpotent Transformation, Primary decomposition theorem, Jordan blocks and Jordan forms.

Books Recommended:

1. S.Singh and Zameruddin: Modern Algebra, Vikash Publication.
2. S. Lipschitz: Linear Algebra, Schaum's outline series.
3. Hoffman and Kunz: Linear Algebra, PHI.
4. I.N.Herstein: Topic in Algebra

M104: Differential Equation.

Unit1: (marks-20)

Solution of 2nd order differential equations with variable coefficients including method of variation of parameters. Statement only Existence theorem of 1st order equation, Statements of existence theorems for system of 1st order equations and for nth order differential equations, Wronskian.

Unit2: (marks-20)

Method of series solution of 2nd order differential equations with particular reference to Legendre, Bessel and Gauss. Simultaneous differential equations and total differential equations.

Unit3: (marks-20)

Origin of partial differential equations of 1st order, Lagrange's method of solving 1st order linear partial differential equations. Particular solutions under various prescribed conditions. Linear homogeneous equations with more than two independent variables.

Unit4:(marks-20)

Charpit's method of solving non-linear 1st order partial differential equations. Complete Integrals. Standard forms of non-linear 1st order partial differential equations.

Books Recommended:

1. Theory and problems of differential equations-Frank Ayres Jr. Schaum's Outline Series, McGraw Hill.
2. M. D. Raisinghania: Advance Differential Equations, S Chand & Co.
3. Gupta Malik and Mittal: Partial Differential Equation, Pragati Prakashan

M105: Tensors & Mechanics

Unit1: (marks-10)

Transformation of coordinates, summation convention, Kronecker delta, definition of tensors covariant, contra variant and mixed tensor, Cartesian tensors, rank of a tensor, symmetric and antisymmetric tensors, outer and inner product of tensors, contraction, quotient law. Riemannian space, metric tensor, fundamental tensors, associate tensors, magnitude of a vector, angle between two vectors Parametric curves.

Unit2: (marks-10)

Christoffel's three-index symbols (or brackets) and properties, covariant differentiation of tensors, divergence and curl of a vector and gradient of a scalar.

Intrinsic derivatives, curvature of a curve, parallel displacement of vectors.

Unit3: (marks-10)

Forces in three dimension and general conditions of equilibrium, Poinsot's central axis, wrench, cylindroids.

Unit4: (marks-10)

Virtual works, bending moments, equilibrium of slightly elastic beams, general equations of a bent rod, equations of three moments, work done in bending a rod.

Unit5: (marks-10)

Newton's laws and inertial frame of reference, general equations of motions, conservative force fields, general principle of conservation of energy, linear momentum and angular momentum.

Unit6: (marks-10)

Motion in two dimensions, motion under a central force with particular reference to inverse square law of force, Kepler's laws of planetary motions, two body problem, motion in resisting medium and motion when the mass varies.

Unit7: (marks-10)

Motion in three dimensions, velocity and acceleration in cylindrical and spherical polar coordinates, motion on cylindrical spherical and conical surfaces.

Unit8:(marks-10)

Revision of moments and general equations of motion of rigid body, motion in two dimensions under finite and impulsive forces, expression for K.E.; motion about a fixed axis.

Books Recommended:**Tensors:**

1. Agarwal D.C.: Tensor Calculus of Riemannian geometry.

2. Ayers: Vectors and introduction to Tensor, Scaum's Outline Series, Tata McGraw Hill.

Mechanics:

1. Lamb: Statics , CUP
2. S. L Loney: Statics, CUP
3. A. S Ramsey: Statics, CUP, CBS Publishers & Distributors.
4. Tyagi, Nand and Sharma: Statics, Krishna Prakashan mandir
5. Chorlton: Text Books of dynamics, Van Nostrand
6. Goldstein: Classical mechanics, Addison Wesley.
7. Loney S.K.: Dynamics of a particle and of rigid bodies (CUP)
8. A. S Ramsey: Dyanamics PartII
9. Singe and Griffith: Principles of mechanics, McGraw Hill
10. Spiegel M: Dynamics Part II, Scaum's Outline Series, Tata McGraw Hill.

M201Complex Analysis

Unit1:(Marks-20)

Analytic functions: The Cauchy Riemann equations, harmonic functions, elementary functions many valued functions.

Analytic functions as mappings: Isogonal and conformal Transormations. Bilinear transformations: geometrical inversion, coaxial circles, invariance of the cross-ratio. Fixed points of a bilinear transformation; some special bilinear transformations, e.g. real axis on itself, unit circle on itself, real axis on the unit circle etc.

Branch point and branch lines, concept of the Riemann Surface.

Unit2: (Marks -20)

Complex Integration

Integral along oriented curve, Cauchy's theorem, the Cauchy-Goursat theorem; Cauchy's integral and functions defined by integrals, the derivatives of a regular function; Morera's theorem, Cauchy's inequality, Liouville's theorem; Maximum modulus principle.

Unit3: (Marks -20)

Power series:

Taylor's and Laurent's theorem: Zeros and singularities, their classification, poles and zeros of meromorphic functions.

The argument theorem, "Rouche's theorem, location of roots of equations.

Unit4: (Marks-20)

The Calculus of Residues:

The residue theorem: evaluation of integrals by contour integration, special theorems used in evaluating integrals.

Books Recommended:

1. Phillips E.C.: Function of a Complex Variable, Oliver and Boyd.
2. Shanti Narayan : theory of Functions of a complex Variables, S. Chand and Co.
3. Spiegel Murry R: Theory and Problems of Complex variables, Schaum's Outline Series TMH.

M202 Functional Analysis

Unit1: (Marks -20)

Banach Space: Definitions and some examples, Basic properties, continuous linear transformation, finite dimensional normed linear spaces.

Unit2:(Marks-20)

Hahn-Banach theorem, natural embedding of NLS^* , open mapping theorem, closed graph theorem, Banach Steinhaus theorem, conjugate of an operator.

Unit3:(Marks-20)

Hilbert Spaces: Definition and simple properties, orthogonal complement, orthogonal sets, conjugate space H^* , adjoint of an operator, self adjoint of an operator, normal and unitary operator, projection.

Unit4:(Marks-20)

Finite-dimensional spectral Theory: Spectrum of an operator, spectral theorem.

Books recommended:

1. Simmons G.F.: Introduction to Topology and Modern Analysis, McGraw Hill/Megginson.
2. Lahiri, B.K.: Functional Analysis, the World Press Pvt. Ltd, Calcutta.
3. Limaye, B.V.: Functionla Analysis, New Age Publication.

M203 Hydrodynamics

Unit 1 (Marks-20): Kinematics of fluid motion: Path lines stream lines equations of continuity, equation of motion and their integrals, boundary conditions . Impulsive motions. Analysis of fluid motion and general theory of irrotational motion.

Unit 2 (Marks-20): Motion in a plane: Use of Complex potential. Source. Sink, Doublet. Method of images. The Circle theorem. The theorem of Blasius. Motion past circular cylinder.

Unit3:(Marks-20): Motion in space: Motion past a sphere axisymmetric motion. Stokes stream function and its use.

Unit 4(Marks-20): Vortex motion : Properties of vortex filament motion due to rectilinear vortex and a system of vortices motion of a vortex filament due to the influence of others. Ranking vortex.

Books recommended:

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1. W.H.Besant and A.S. Ramsay: A Treatise on Hydromechanics. Part II. CBS Publishers. Delhi.
2. Frank Chorlton: Text Book of Fluid Dynamics- C.B.S Publishers. Delhi.
3. G.K.Batchelor: An Introduction to Fluid Mechanics, Foundation Books. New Delhi.
4. M.D. Raisinghania: Hydrodynamics- S. Chand and Co. Limited.

M204: Mathematical Methods

Unit1: (Marks-20): Laplace Transform: Basic properties of Laplace Transform, Convolution theorem and properties of convolution, Inverse Laplace Transform, Application of Laplace Transform to the solution of differential equation. Evaluation of definite integrals.

Unit2: (Marks-20): Fourier Transform: Fourier Integral Transform. Properties of Fourier Transform, Fourier sine and cosine transform, Application of Fourier Transform to differential equation. Evaluation of definite integrals.

Unit3 (Marks-20): Fredholm Integral Equations: Definition of Integral equation, Eigen values and Eigen functions: Reduction to a system of algebraic equations, Reduction of ordinary differential equation into integral equation. Fredholm integral equations with separable kernels, Method of successive approximations, Iterative scheme for Fredholm Integral equation of second kind.

Unit4 (Marks-20): Voltera Integral Equations: Voltera Integral equations of second kind, Resolvent kernel of Voltera equation and its result, Application of iterative scheme to Voltera integral equation of the second kind. Convolution type kernels.

Books recommended:

1. S. G. Mikhlin: Linear Integral Equations, (Translated from Russian), Hindustan Book Agency, 1960.
2. Raisinghania: Integral Transforms, S. Chand & Co.

3. M.R. Spiegel: Theory and Problems of Laplace transforms, Schaum's outline series.

M205 Operations Research

Unit-1 (Marks-10): History and Development of Operations Research. Operations Research and its Scope Necessity of Operations Research in Industry and Management. General idea of queuing problem-Markovian and non Markovian queues. Queuing theory and its operating characteristics, queuing model-M/M/1, M/M/K. General equations of the models.

Unit-2 (Marks-10): Simulation: Theory of simulation. Monte Carlo method, applications to the problems of replacement and maintenance inventory, queuing and financial problems.

Unit-3 (Marks-20): Linear Programming: Simplex method. Theory of the simplex Method, Duality and Sensitivity Analysis. Other Algorithms for Linear Programming, Dual Simplex Method. Integer programming-Branch and Bound technique. Concept of cutting plane. Gomory's all integer cutting plane method.

Applications to Industrial Problems:- Optimal product mix and activity levels. Petroleum refinery operations Blending problems. Economic interpretation of dual linear programming problems. Input-output analysis.

Unit-4: (Marks-10): Transportation and Assignment Problems.

Unit-5: (Marks-10): Network Analysis - Shortest Path Problem. Minimum Spanning Tree Problem. Maximum Flow Problem, Minimum Cost Flow Problem. Network simplex Method. Project Planning and Control with PERT- CPM.

Unit 6: (Marks-20): Nonlinear Programming: One and Multi-Unconstrained Optimization. Kuhn-Tucker Conditions for Constrained Optimization. Quadratic Programming. Separable Programming Convex Programming Non-convex Programming.

Books recommended:

1. Kanti Swarup.P.K. Gupta and Manmohan: Operations Research. S.Chand and Co.
2. . H.A.Taha.Operations Research: An introduction. Macmillan Publishing Co. Inc. New York.
3. FS Hillier and GJLieberman: Introduction to Operations Research (Sixth Edition). McGraw Hill International Edition. Industrial Engineering Series. 1995 (This book comes with a CD containing tutorial software)
4. P.K.Gupta and D.S. Hira: Operations Research-An Introduction S.Chand and Co.

M301 Computer Programming in C

Unit 1. (Marks- 20): An Overview of Programming: The basic model of computation, Algorithms, Flow charts, programming languages, compilation, linking and loading, efficiency and analysis of algorithms.

C Essentials: Character set, variables and identifiers, built in data types, operators and expressions, constants, type conversions, basic input/put operations, anatomy of a C program.

Unit 2. (marks-20): Control Flow: Conditional branching, The switch statement, looping, nested loops, the break and continue statements, the goto statement, infinite loops.

Unit 3. (marks-20): Arrays, Pointers and Functions: Declaration, initialization, pointer arithmetic. Basics of functions, passing arguments, declaration and calls, return values.

SAMPLE PROGRAMS FOR PRACTICAL (MARKS-20)

To evaluate an arithmetic expression. To find GCD, Factorial. Fibonacci series. Prime number generation. Reversing digits of an integer. Finding square root of a number. To find the roots of a quadratic equation. To find the greatest and smallest of a finite set of numbers. To find the sum of different algebraic and trigonometric series. Addition, subtraction and multiplication of matrices.

Books recommended:

1. Rajaraman V.: Computer Oriented Numerical methods, Prentice Hall of India, New Delhi.
2. Balaguruswamy E.: ANSIC.
3. Kernighan W. and Ritchie D.K.: The C programming Language, PHI.

M302 Number theory

Unit 1. (Marks-20): Divisibility and the primes: Principle of mathematical induction, least common multiple, greatest common divisor. Euclidean algorithm, prime numbers, unique factorization theorem)

Unit 2. (Marks-20): Congruences: Operations of congruences, Residue sets mod m , Euler's theorem, order of a mod m , linear congruences, the theorems of Fermat and Wilson, The Chinese Remainder theorem, Polynomial congruences.

Unit 3. (Marks-20): Quadratic Residues: Primitive roots, Indices, quadratic residue mod m , Euler's criterion, The Legendre symbol, The law of quadratic reciprocity. The Jacobi symbol.

Unit 4. (Marks-20): Arithmetic functions and some Diophantine equations: Multiplicative Arithmetic functions, τ and σ functions, Mobius function, Euler's function, The inversion formula. Linear Diophantine equations, equations of the form $x^2+y^2=z^2$, related equations, Representation of a number by sum of two or four squares.

Books recommended:

1. Burton D.M.: Elementary Number Theory, Universal Book stall, New Delhi.
2. K. C. Chowdhury: A first course in theory of numbers, Asian Books Pvt. Ltd.
3. S. B. Malik: Vikash Publishing House Pvt. Ltd.: Basic Number Theory

M303 Continuum Mechanics

Unit 1. (Marks-20): Analysis of Stress: The continuum concept. Homogeneity isotropy mass density. Cauchy's stress principle. Stress tensor. Equations of equilibrium. Stress quadratic of Cauchy. Principal stresses. Stress invariants. Deviator and spherical stress tensors.

Unit 2. (Marks-20): Analysis of Strain: Lagrangian and Eulerian descriptions. Deformation tensors. Finite strain tensor. Small deformation theory. Linear strain tensors and physical interpretation. Stress ratio and finite strain interpretation strain quadratic of Cauchy. Principal strains. Strain invariants. Spherical and Deviator strain components. Equations of Compatibility.

Unit 3. (Marks-20): Motion: Material derivatives, path lines and stream lines. Rate of deformation and Vorticity with their physical interpretation. Material derivatives of volume. Surface and line elements. Volume, surface and line integrals. Fundamental laws of continuum Mechanics.

Unit 4. (Marks-20): Constitutive equations of Continuum Mechanics: Linear elasticity. Generalized Hook's Law. Strain energy function. Elastic constants for isotropic homogeneous materials. Elaststatic and Elastodynamic problems.
Fluids: Viscous Stress tensor. Barotropic flow : Stokesian fluids. Newtonian fluids. Navier stokes equations. Irrotational flow. Perfect fluids. Bernoullis equation. Circulation.

Books recommended:

1. G. E. Mase: Continuum Mechanics - Schaum's outline series. McGraw Hill Book Company.
2. R. Chatterjee: Mathematical Theory of Continuum Mechanics- Narosa Publishing House. New Delhi.

M304 Algebra II

(Optional):

Unit 1. (Marks-20): Posets and lattices, Modular, Distributive lattices, Direct product (sum) of an infinite family of groups. Structure theorems for finitely generated abelian groups
Unit 2: Sylow's theorem and its applications.

Unit 2. (Marks-20): Free abelian groups, free groups, free products of groups, representation of a group.

Unit 3. (Marks-20): Modules, submodules, Direct product and direct sum of modules, prime ideals in commutative rings, complete ring of quotients of a commutative rings.

Unit 4. (Marks-20): Primitive rings, Radical, completely reducible module and rings, Artinian and Noetherian rings and modules.

Books recommended:

1. V.K. Sarma: Lattices and Boolean Algebra- Vikas Publ House.

2. Singh and Zameeruddin: Modern Algebra- Vikas Publ House
3. B. Chandler: Group Theory, Schaum's Series
4. Bhattacharyya, Jain and Nagpaul: Basic Abstract Algebra- CUP, 1997

M304 Space Dynamics

(Optional)

Unit 1. (Marks-20): Basic formulae of a spherical triangle-The Two-body problem: The motion of the centre of mass . The relative motion. Kepler's equation. Solution by Hamilton Jacobi Theory. The Determination of Orbits: Laplace's Gauss Methods.

Unit 2. (Marks-20): The Three Body problem: General Three Body Problem. Restricted Three Body Problem. Jacobi integral. Curves of zero velocity. Stationary solutions and their stability. The n-body problem: The motion of the centre of Mass. Classical integrals.

Unit 3. (Marks-20): Perturbation : Osculating orbit, perturbing forces. Secular and Periodic perturbations, Lagrange's planetary Equations on terms of perturbing forces and in terms of perturbed Hamiltonian. Motion of the moon-The perturbing forces. Perturbation of Keplerian elements of the moon by the sun.

Unit 4. (Marks-20): Flight Mechanics: Rocket performance in a vacuum, vertically ascending paths. Gravity twin trajectories. Multi-stage rocket in a vacuum. Definitions pertinent to single stage rocket. Performance limitations of single stage rockets. Definitions pertinent to multi stage rockets. Analysis of multi-stage rockets neglecting gravity. Analysis of multi-stage rockets including gravity.

Books recommended:

1. J.M.A.Danby: Fundamentals of Celestial Mechanics. The Macmillan Company. 1962
2. E. Finaly, Freundlich. Celestial Mechanics. The Macmillan Company. 1958

3. Ralph Deutsch. Orbital Dynamics of Space Vehicles. Prentice Hall INC. Engle Wood Cliff. New Jersey 1963.
4. Theodore E. Sterne: An Introduction of Celestial Mechanics. Intersciences Publishers. INC 1960-
5. Angelo Miele: Flight Mechanics Vol 1. Theory of flight paths. Addison Wiley Publishing Company INC. 1962.

M305: Special Theory of Relativity

(Optional)

Unit 1. (Marks-16): Inertial and non-inertial frames, Geometry of Newtonian mechanics, Galilean Transformations, Back-ground of the fundamental postulates of the special theory of relativity, Lorentz transformation. Relativistic concept of space and time and relativity of motion, Geometrical interpretation of Lorentz transformation as a rotation. Lorentz transformation as a group.

Unit 2. (Marks-16): Relativistic addition law of velocities and its interpretation in terms of Robb's rapidity, Invariance of speed of light, consequences of Lorentz transformation e.g. (i) Lorentz Fitzgerald contraction (ii) Time dilation (iii) Simultaneity of events, Proper length and proper time, Application in problems. Transformation of acceleration

Unit-3. (Marks-16): Relativistic mechanics. Variation of mass with velocity, Transformation of mass, force and density Equivalence of mass and energy, Transformation of momentum and energy, Energy momentum vector. Applications in problems, Relativistic Lagrangian and Hamiltonian.

Unit-4. (Marks-16)

Minkowski's space, Geometrical representation of simultaneity, Contraction and dilation, space like and time like intervals, position. Four vectors, Four velocity, Four forces and Four momentums, Relativistic equations of motion, Covariant four-dimensional formulation of the laws of mechanics.

Unit-5. (Marks-16): Electrodynamics: Fundamentals of electrodynamics, Transformation of differential operators, D' Alembert operator, Derivation of Maxwell's equation, Electromagnetic potentials and Lorentz condition, Lorentz force, Lorentz transformations of space and time in four-vector form, Transformations of charge and current density, Invariance of Maxwell's equations, Transformation equations of electric field strength and magnetic field induction components, Invariance of E^2-H^2 and $E.H$.

Books recommended:

1. Robert Resnick: Introduction to special Relativity, Wiley Eastern Lt. (1990)
2. A S Eddington: The Mathematical Theory of relativity, Cambridge University Press 1965
3. Satya Prakash: Relativistic Mechanics (Theory of Relativity) Pragati Prakashan, 2000

M305 Mathematical Logic (Optional)

Unit1. (Marks-16): Informal statement calculus: Statements and connectives, truth functions and truth-tables, normal forms, adequate sets of connectives, arguments and validity.

Unit 2. (Marks-16): Formal statement calculus: Formal definitions of Proof. Theorem and Deduction the formal theory L of statement calculus the deduction theorem and its converse.

Unit 3. (Marks-16): Adequacy theorem for \mathcal{L} : Valuation in \mathcal{L} . tautology in \mathcal{L} . the Soundness theorem. Extensions of \mathcal{L} . consistency of an extension the adequacy theorem of \mathcal{L} .

Unit 4. (Marks-16): Informal predicate Calculus: Symbolism of predicate calculus. First order language interpretation truth values of well-formed formulas satisfaction

and truth. Formal Predicate Calculus: Predicate Calculus as a formal theory the adequacy theorem of K.

Unit 5. (Marks-16): Mathematical Systems: First order systems with equality the theory of groups first order arithmetic formal set theory consistency and models.

Books recommended:

1. A.G. Hamilton: Logic for Mathematics
2. Elliot Mendelson: Introduction of Mathematical Logic.

M401: Graph theory

Unit 1. (Marks-20): Graphs, subgraphs, walk, paths, cycles and components, intersection of graphs, Degrees, Degree sequence. Trees, spanning tree, cycles, cocycles. Cycle space. Cocycle space, connectivity, cut vertices, cut edges, blocks., connectivity parameters, Menger's theorems.

Unit 2. (Marks-20): Eulerian and Traversable graphs: Characterization theorems, characterization attempts for Hamiltonian graphs, two necessary and sufficient conditions of a graph to be Hamiltonian, Factorizations, Basic concepts, 1-factorization, 2-factorization, coverings, critical points, and lines.

Unit 3. (Marks-20) : Planarity: Subdivision of graph, identification of vertices, plane and planar graph, outer planar graph, Euler's polyhedron formula, Kuratowski's theorems, Genus, thickness, coarseness and crossing number of a graph.

Unit 4. (Marks-20): Algebraic graph theory: Adjacency matrix and spectrum of graphs, vertex, partition and the spectrum.

Books recommended:

1. Harary: Graph Theory, NAROSA Publishing Co.
2. N. Biggs: Algebraic Graph Theory, CUP

3. Godsil Springer: Algebraic Graph Theory..

M402: Numerical Analysis

Unit1. (marks-20): Interpolation formulae: Newton's forward interpolation formula, Newton's backward interpolation formula, Newton's divided difference interpolation formula, Lagrange's interpolation formula, Gauss forward interpolation formula, Gauss backward interpolation formula, Stirling's formula, Bessel's formula.

Unit 2. (marks-20): Numerical Differentiation and Integration Numerical Differentiation and Integration, Simpson's rule, Weddle's central difference formula, quadrature formula, Gauss's quadrature formula, Euler's formula for summation and quadrature.

Unit 3. (marks-20): Solution of Algebraic and Transcendental Equations: Numerical Solutions of Algebraic and Transcendental Equations, Solutions by the method of iteration and the Newton-Raphson method, cases of repeated roots.

Unit 4. Linear Equations: (marks-20): Direct method for solving systems of linear equations (Gauss Elimination, LU decomposition, Cholesky decomposition), iterative methods (Jacobi, Gauss-Seidel, Relaxation methods).

Books recommended:

1. Householder A.S.: Principles of Numerical Analysis, McGraw Hill, New York.
2. Jain M.K.: Numerical Analysis for scientists and Engineers, S.Publishers.
3. Kung: Numerical Analysis, McGraw Hill Book Co.
4. Niyogi P. : Numerical Analysis and Algorithms, Tata McGraw Hill
5. Rajaraman V.: Computer Oriented Numerical methods, Prentice Hall of India, New Delhi.

M403: Fluid Dynamics

(Optional)

Unit 1 (Marks-20): Waves: Long wave and surface wave stationary wave. Energy of the waves. Waves between different media. Group velocity, Dynamical significance of Group velocity. Surface tension and Capillary waves. Effect of Surface tension in water waves.

Unit 2 (Marks-20): Viscous fluid motion: Navier-Stokes equation of motion rate of change of vorticity and circulation rate of dissipation of energy. Diffusion of a viscous filament.

Unit 3 (Marks-20): Exact solution of Navier Stokes Equation: Flow between plates. Flow through a pipe (circular elliptic). Suddenly accelerated plane wall. Flow near an Oscillating flat plate. Circular motion through cylinders. Stoke's linearization process. Flow past a sphere. Whitehead paradox and Stoke's paradox. Oseen's approximation.

Unit 4 (Marks-20): Laminar Boundary Layer Theory: General outline of Boundary layer flow. Boundary layer thickness. Displacement thickness. Energy thickness. Flow along a flat plate at zero incidence . Similarity solution and Blasius solution for flow about a flat plate. Karman's momentum integral equation. Energy integral equation. Pohlhausen solution of momentum integral equation.

Books recommended:

1. I.M.Milne Thomson: Theoretical Hydrodynamics: McMillan Company.
2. S.Goldstein Modern development of Fluid Dynamics. Vol-1. Dover publication. New York.
3. G.K.Batchelor: An Introduction to Fluid Dynamics.
4. M. D. Raisighania: Fluid Dynamics: S. Chand.

M403: Functional Analysis II (Optional)

Unit-1. (Marks-10): Vector topologies: Examples First properties Mazur's and Eidelheit's separation theorems Metrizable vector topologies.

Unit-2. (Marks-15):

The Open Mapping Theorem: The closed graph Theorem and the uniform Boundedness Principle for F-spaces. Topologies induced by families of functions. Weak and Weak* topologies. Compactness. Adjoint operator . Projection and complementation.

Unit-3. (Marks-15): Convexity: The Hahn- Banach theorem for locally convex spaces. The Banach Alaunglu Theorem for topological vector spaces. Krein-Milman theorem.

Unit-4. (Marks-15): Definition of Banach Algebra and Examples Singluar and Non singular elements. The Abstract index. The spectrum of an element. Gelfand Formula. Multiplicative. Linear Function. And the maximal ideal space. Gleason Kahane Zelazko Theorem.

Unit-5. (Marks-15): The Gelfand Transforms. The spectral Mapping Theorem. Isometric Gelfand Tranform. Maximal ideal spaces for Dise Algebra and the Algebra.

Unit-6. (Marks-10): (C^* algebras-Definition and Examples, Self Adjoint. Unitary normed positive and projection elements in (C^* -algebras, Commutative (C^* -algebras. (C^* -Homomorphisms. Representation of Commutative (C^* - algebras. Subalgebras and the spectrum. The spectrum theorem. The Continuous functional Calculus . Positive linear functionals and slates in (C^* - Algebras, The GNS Construction.

Books recommended:

1. Megginson Robert E: An introduction to Banach space theory. Springer verlag.
2. W. Rudin: Functional Analysis Tata McGraw Hills.

M404: Mathematical statistics

Unit1. (marks-16): Probability: Mathematical and statistical definitions. Discrete Samplespace, Axiomatic approach, Theorems of Total and Compound probability, Repeated Trials, Baye's theorem. Random Variable and its distribution, Mathematical Expectations, Expectation of sum and product of random variables, Expectation of functions of random variables. Distribution of more than one random variables. Tshebysheff's lemma. Weak law of large numbers. Theorems of Markoff and Khintchine, Bernouilli's and Poisson's theorems. Characteristic function. Probability generating unctions, Central limit theorem.

Unit2. (marks-16): Binomial distribution, Poisson, distribution, Normal distribution, Hypergeometric distribution, Multinomial distributions, Beta and Gamma distribution, Pearsonia system of vurves, derivation of the differential equations and its solutions yielding curves of types, I,II,III and IV. Bivariate Normal distribution. Regression and Correlation (including Multiple, partial and Interclass correlation)

Unit3. (marks-16): Principle of least squares of curve fitting (including orthogonal polynomials).

Unit4. (marks-16): Theory of sampling: Random and simple, random sampling, idea of sampling distribution, large sample test, Exact sampling distribution – and T,F,Z and χ^2 (with derivations) and associated tests of significance.

Unit5. (marks-16): Estimation: Requirement of a good estimator, Method of maximum likelihood (including Cramer-Rao inequality)

Books Recommended:

1. J.V. Uspensky: An Introduction to Mathematical Probability³.
2. Elderton: Correlation and Frequency curves.
3. Ferzen: Modern Probability and its Application.
4. S. C. Gupta and V. K. Kapur: Fundamentals of Mathematical Statistics, Sultan Chand & Sons Publishers (1983)

5. S. C. Gupta and V. K. Kapur: Fundamentals of Applied Statistics, Sultan Chand & Sons Publishers (1983)
6. J. Medhi: Statistical Methods: An Introductory text, New Age Int. Publishers (2006).
7. Daroga Singh and F. S. Chaudhury: Theory and Analysis to Sample survey and designs, Wiley Eastern LTD (1986).

M404: Dynamical systems and Fractal Geometry

Unit1. (Marks-10): Nonlinear oscillators-Conservative system. Hamiltonian system. Various types of Oscillators in nonlinear system. Solutions of nonlinear differential equations.

Unit2. (Marks-10): Orbit of a map, fixed point, equilibrium point, periodic point, circular map, configuration space and phase space.
Origin of bifurcation, Stability of a fixed point, equilibrium point, Concept of limit cycle and torus.

Unit3. (Marks-10): Hyperbolicity, Quadratic map. Period doubling phenomenon, Feigenbaum's Universal constant.

Unit4. (Marks-10): Turning point, transcritical, pitch fork, Hopfbifurcation.
Phenemenon of losing stability, Quasiperiodic motion. Topological study of nonlinear differential equations, Poincare map.

Unit5. (Marks-10): Randomness of orbits of a dynamical system. Chaos. Strange attractors. Various roots to chaos. Onset mechanism of turbulence.

Unit6. (Marks-15): Construction of the middle third Cantor set, Von Koch Curve, Sierpinski gasket, self similar fractals with different similarity ratio, Julia Set, measure and mass distribution. Hausdorff measure, scaling property, effect of general transformations on Hausdorff measure, Hausdorff dimension and its properties, s-sets, calculation of Hausdorff dimension and its properties, s-sets, calculation of Housdorff dimension in simple cases.

Unit7. (Marks-15): Unit Measurement of a set at scale d , box dimension, its equivalent versions, properties of box dimension, box dimension of middle third cantor set and other simple sets, some other definitions of dimension, upper estimate of box dimension, mass distribution principle, generalized cantor set and its dimension.

Books Recommended:

1. Robert C. Hilborn: Non linear Dynamics and Chaos
2. D.K. Arrowsmith: Introduction to dynamical systems, Cambridge University press, 1990.
3. Robert L Devany: An introduction to Chaotic Dynamical Systems, Addison-Wesley Publishing Co. Inc.1989
4. M.F. Barnsley: Fractals everywhere, A.P. 1988
5. K.J.Falconer: The Geometry of Fractal sets, Cambridge University Press, 1985

M405 General Theory of Relativity and Cosmology (Optional)

Unit1. (Marks-20): Geodesics, Derivation of the equation of geodesics, Geodesic co-ordinates, intrinsic derivatives, First Curvature, Parallel transport, parallel vectors. Related theorems of intrinsic derivatives and parallel displacement.

Unit 2. (Marks-15): Riemann Christoffel Curvature tensors and their properties, Ricci tensor, Bianchi identities, Einstein tensor Divergence of Einstein tensor, Condition of Flat Space, Riemann Curvature.

Unit 3. (Marks-15): Theory of gravitation, principle of covariance and equivalence, geodesic principle, Simple consequences of the principle of equivalence (i) the equality of inertial and gravitational masses(ii) effect of gravitational potential on the rate of a clock, (iii) The clock paradox, the energy momentum tensor, Energy momentum tensor in case of a perfect fluid, conservation of energy and Momentum.

Unit 4. (Marks-15): The gravitational fluid in empty space in presence of matter and energy. Newtonian equation of motion as an approximation of geodesic equations, . Poisson's equation as an approximation of Einstein field equation, Schwarzschild exterior solution and its isotropic form, planetary orbits and analogues of Kepler's laws in general relativity. Relation between M and m , Isotropic co-ordinates. The three crucial tests (i) The advance of perihelion (ii) Bending of light rays in a gravitational field (iii) Gravitational red-shift in spectral lines. Schwarzschild interior solutions., Boundary conditions.

Unit 5. (Marks-15): Cosmology, Mach principle, Einstein modified field equations with cosmological term, Static cosmological models of Einstein and de-sitter, their derivations, properties and comparison with the actual universe. Hubble's Law, cosmological principles, Weyl's postulates. Non-static cosmological models. Derivation of Robertson-Walker metric, Redshift, Redshift versus distance relation Angular size versus red: shift relation and source counts in R.W space time.

Books Recommended:

1. A.S. Eddington: The Mathematical Theory of Relativity, Cambridge University Press-1965.
2. B.F. Schutz: A First course in general relativity, Cambridge University Press, 1990.
3. C.Moller: The Theory of Relativity.
4. G.,E. Weatherburn: An Introduction to Riemannian Geometry and Tensor Calculus, Cambridge University Press, 1950.

M 405: Fuzzy Sets and their application (Optional)

Unit 1. (Marks-10): Fuzzy sets: Basic Definitions. α -level sets. Convex fuzzy sets. Basic operations on Fuzzy sets. Types of Fuzzy sets. Cartesian products. Algebraic products Bounded sum and difference. T-conorms.

Unit-2. (Marks-10): Extension Principle: the Zadeh extension principle Image and inverse image of fuzzy sets. Fuzzy numbers. Elements of Fuzzy Arithmetic.

Unit-3. (Marks-10): Fuzzy relations and Fuzzy Graphs: Fuzzy relations and fuzzy sets. Composition of Fuzzy relations. Min-max composition and its properties. Fuzzy equivalence relations. Fuzzy compatibility relations. Fuzzy relation equations. Fuzzy graphs, Similarity relation.

Unit-4. (Marks-10): Possibility Theory: Fuzzy measures. Evidence theory. Necessity measure. Probability measure. Possibility distribution. Possibility theory and fuzzy sets. Possibility theory versus probability theory.

Unit-5. (Marks-10): Fuzzy Logic: An overview of classical logic. Multivalued logic. Fuzzy propositions. Fuzzy quantifiers. Linguistic variable and hedges. Inference from conditional fuzzy propositions, the compositional rule of inference. Application in Civil, Mechanical and Industrial Engineering.

Unit-6. (Marks-10): Approximate reasoning: An overview of fuzzy expert system . Fuzzy implications and their selection. Multiconditional approximate reasoning. The role of fuzzy relation equation.

Unit-7. (Marks-10): Introduction to fuzzy control: Fuzzy controllers. Fuzzy rule base. Fuzzy inference engine. Fuzzification. Defuzzification and the various Defuzzification methods (the centre of area, the centre of maxima and the mean of maxima methods). Introduction of Fuzzy Neural Network, Autometa and Dynamical Systems.

Unit-8. (Marks-10): Decision making in Fuzzy environment: Individual decision making. Multiperson decision making. Multicriteria decision making. Multi stage decision making. Fuzzy ranking methods. Fuzzy linear programming . Application in Medicine and Economics.

Books Recommended:

1. G.J.Klir and B. Yuan: Fuzzy sets and Fuzzy Logic, Theory and Applications, Prentice Hall of India, 1995.

2. H.J.Zimmermann: Fuzzy set theory and its application, Allied Publishers Ltd. 1991.

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

SEMESTER I	
PAPER M101	Real and Lebesgue Measure
PAPER M102	Topology
PAPER M103	Algebra
PAPER M104	Differential Equation
PAPER M105	Tensors and Mechanics
SEMESTER II	
PAPER M201	Complex Analysis
PAPER M202	Functional Analysis
PAPER M203	Hydrodynamics
PAPER M204	Mathematical Methods
PAPER M205	Operation Research
SEMESTER III	
PAPER M301	Computer Programming in C (theory and Practical)
PAPER M302	Number Theory
PAPER M303	Continuum Mechanics
PAPER M304A	Algebra II
PAPER M304B	Space Dynamics
PAPER M305A	Special Theory of Relativity
PAPER M305B	Mechanical Logic
SEMESTER IV	
PAPER M401	Graph Theory
PAPER M402	Numerical Analysis
PAPER M403A	Functional Analysis II
PAPER M403B	Fluid Dynamics
PAPER M404A	Mathematical Statistics
PAPER M404B	Dynamical System
PAPER M405A	Fuzzy sets and their applications
PAPER M405B	General Theory of Relativity and Cosmology

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING
(One year Post Graduate Diploma Programme)

Programme Project Report

PPR ID : GU/GUIDOL/PPR/18 (Total no. pages : 12)

**Programme: POST GRADUATE DIPLOMA IN BANKING AND
FINANCE SERVICES**

1. Programme mission and objective: This programme is introduced in collaboration with the Department of Economics, Commerce and Business Administration, Gauhati University and administrated by Gauhati University Institute of Distance and Open Learning (GUIDOL). It may be mentioned that banking is specialization offered in the M.Com. programme by the Department of Commerce in Gauhati University. The aims and objective of the programme are

- i. *to impart quality management education,*
- ii. *to cater to the rapidly growing needs for the managerial manpower through provision of well designed and well directed programmes of professional education,*
- iii. *to generate alternative solution to management problems in general, and problem faced by the business houses in the country through organized programme of research, consultancy and publication.*
- iv. *to equip learners to seek employment in business/corporate houses and commercial establishments as well as self employment.*

2. Relevance of the programme with HEI's mission and goals:

Looking at the rapid growth and changing need of the business houses, this programme has been designed to create a set of trained manpower having adequate knowledge and understanding of business policy in the field of banking and different financial services.

Quality banking and financial services are essential for individuals, govt. organizations, private and public business houses which require large numbers of trained and quality manpower.


Registrar
Gauhati University, Guwahati-781005

Banking & Finance Management is a part of the core courses in the Department of Business Administration and to certain extent in the Department of Economics and Department of commerce hence this post graduate diploma programme is/shall be offered though GUIDOL has relevance to the nodal departments in the University and dovetail with the mission and goal of the Parent Department.

3. Nature and target group of learners:

Our target group includes-

- a. those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- b. those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- c. drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- d. job seekers.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence: The programmes is/shall be offered through ODL Mode will have certain learning outcomes. The programmes will help the learners,

- *to create the knowledge of basic and advance concept of business administration as the broad field,*
- *to enhance and develop their knowledge and understanding of the theoretical and practical foundations of banking & finance management as a subject in particular*
- *to build knowledge of the different analytical concepts using statistical and financial models in the field of business administration,*
- *to develop a person with excellence in training & taxation for industrial requirement,*
- *to commit to action that demonstrates care for others*

3. Instructional Design

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the Departments of Economics, Management and commerce of the University, GUIDOL. Since the programme is open to learners from several streams, and being a one year programme, efforts have been made to make the programme broad based by

including some of the basic principles of management and commerce, keeping in view the needs of the diverse class of learners.

- b) **Detailed Syllabus:** *The detailed syllabus is enclosed in the **Enclosure no I***
- c) **Duration of the Program:** This Programme is/shall be of one year duration and is divided into two semester viz. 1st and 2nd semester examinations. A Learner will get maximum 2 years to complete the programme.
- d) **Instructional Delivery Mechanism:** The programme will be delivered in 2 (two) semesters having 3(three) course/paper in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counselling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
- e) **Faculty:**
1. Prof. Rinalini Pathak Kakati, Professor and Dr. Monoshree Mahanta, Associate Professor, Department of Business Administration, Gauhati University nominated as Coordinators of the ODL programme in Business Management.
 2. Resource persons drawn from amongst teachers of affiliated colleges, researchers and faculty staff of the Department of HEI.
 3. Sri Rajen Chetri, Assistant professor in Commerce , GUIDOL on a part time basis.
- f) **Media:** Print Media, ICT based content and content through e-Learning portal
- g) **Student Support Service:** In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-
- i) **Network of Study Centres:** To assist its learners of the ODL mode the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
 - ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:
- Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
 - Online Study Material
 - Old Examination Question Papers
- iv) **Dynamic Website** www.idolgu.in : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, upcoming events, examination results etc.
- v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in .
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated GUIDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily.

The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for any graduate in any stream from a recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Hon'ble Vice Chancellor.

Curriculum transaction- Activity Planner: *Enclosed in the Enclosure No II*

Evaluation- Each course/paper shall carry 100% weightage for the term-end examinations In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Examination Rules and Regulations of the Gauhati University .

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 15 Lakhs annually which includes preparation and printing of SLMs,

remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of the course.

- 9. Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

**POST GRADUATE DIPLOMA IN
BANKING AND FINANCIAL
SERVICES
(PGDBFS)**

**PAPER 1 :
Basic Financial Management**

Unit-I

Definition of Accounting, Accounting principles,

Unit-II

Journalisation, Double Entry System of Accounting

Unit-III

General Ledger, Trial Balance, Profit & Loss
Accounts and Balance Sheet.

Unit-IV

Goals Of Financial Management.

Unit-V

Instruments of capital market-shares, debentures,
participatory notes, zero coupon bonds, Index linked
bonds, stock options, commercial paper

Unit-VI

Analysis of Financial Statements and Bank Financial
Statements,

Unit-VII

Balance Sheet Analysis Techniques, Sources and
Uses of Fund, Ratio Analysis and CAMEL rating,
Spread Management

Unit-VIII

Concepts of working capital and operating cycle of
working capital.

Unit-IX

Time Value Of Money, The Cost Of Capital: Cost
Of Debt And Preference, Cost Of Equity, Weighted
Average cost of capital, Investment decision .

Unit-X

Appraisal techniques- NPV, IRR, BCR, PB, AR.
Capital Rationing.

**PAPER 2:
Banking Theories and Practice**

Unit-I

Banking in the new millennium,

Unit-II

Banking system,

Unit-III

Banking products: Retail and Wholesale banking,
Corporate banking, Basel-II.

Unit-IV

Credit Policy of RBI-CRR, SLR CD ratio, PLR, Bank
Rate, Prudential Norms

Unit-V

Types of Negotiable Instruments,

Unit-VI

Cheques- Endorsement, Crossing, Collection, Bills of
Exchange, Promissory Note,

Unit-VII

Paying Banker and Collecting Banker.

Unit-VIII

Credit Appraisal and Monitoring, Credit Syndications,

Unit-VIII

Definition of NPA, NPA management.

Unit-IX

Retail Banking – types of accounts, credit facilities

**PAPER-3:
Management of Financial Services.**

Unit-I

Introduction To Financial Service,

Unit-II

Asset/Fund-Based Financial Services,

Unit-III

Merchant Banking and Advisory Services.

Unit-IV

Raising Of Long-Term Finance-IPO,

Unit-V

Secondary Public Offering, Public Issue Management,

Unit-VI

Private Placement and Preference Allotment.

Unit-VII

Leasing, financial evaluation of Leasing,

Unit-VIII

Hire Purchase and Financial Evaluation.

Unit-IX

Factoring, Securitization.

Unit-X

Credit Rating Mechanism, Credit Rating under Basel II.

**PAPER-4:
Bank Auditing**

Unit-I

Organizational structure of bank,

Unit-II

Study of legal framework.

Unit-III

Statutory provisions and regulatory requirements affecting the accounts and audit of banks,

Unit-IV

Internal control system in banks, Internal audits and RBI inspection in banks,

Unit-V

Approach to auditing and audit procedures for verification of various assets and liabilities of a banking institution.

Unit-VI

Compliance with SLR requirements and audit procedure,

Unit-VII

Long Form Audit Reports(LFAR Audit),

Unit-VIII

Revenue recognition and asset classification,

Unit-IX

Norms prescribed by RBI,

Unit-X

EDP systems in banks & Audit procedures.

**PAPER-5:
Banking Law and Practice**

Unit-I

Recent History of Indian Banking System,

Unit-II

RBI Act 1934, Banking Regulation Act 1944,

Unit-III

Negotiable Instruments Act-Negotiable instruments,

Unit-IV

Holder, Holder in due course,

Unit-V

Negotiation and endorsements,

Unit-VI

Crossing, Payment of cheques, Collection of cheques,
Dishonour of cheques, Bills of exchange.

Unit-VII

Different types of customers,

Unit-VIII

Operations in accounts –Introduction in accounts,
Pass books/statement of account, term deposits
accounts. Disclosure of customer account
information.

Unit-IX

Grievances Handling Mechanism, Goiporia
Committee Recommendations

Unit-X

Banking System Reforms.

**PAPER6:
Marketing of Financial and Banking
Services**

Unit-I

The Changing Role Of Marketing In Financial Services

Unit-II

An introduction to marketing of financial services;

Unit-III

Characteristics of financial services, Marketing
Objectives

Unit-IV

Understanding Consumers And Market Consumer
Behaviour, Customer Satisfaction, Targeting
Segmentation and Positioning; Developing marketing
strategy, Financial services marketing mix ;

Unit-V

Service Quality, Quality in services; Measurement
of Service Quality;

Unit-VI

Customer satisfaction measures

Unit-VII

Customer Relationship Management

Unit-VIII

Concept of CRM; CRM Issues; CRM Objectives;
Implementing CRM

Unit-IX

Bank Marketing Understanding Banking Products;
STP in Banking Services;

Unit-X

Measuring Service Quality in Banking Services;
Electronic-banking, Telephonic Banking.

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

First Semester	
DBFS01	Banking Finance Management
DBFS01	Modern Banking Theory and Practices
DBFS01	Management and Financial Services
Second Semester	
DBFS01	Bank Auditing
DBFS01	banking Law and Practice
DBFS01	Marketing of Financial and Banking Services

**GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING**

(One Year Post Graduate Diploma Programme)

Programme Project Report

PPR ID : GU/GUIDOL/PPR/13 (Total no. pages : 13)

Programme: POST GRADUATE DIPLOMA IN BUSINESS MANAGEMENT

1. Programme mission and objective: This one year post graduate diploma programme is/shall be introduced with close cooperation with the Department of Business Management and the Department of Commerce , Gauhati University and administered by the Gauhati University Institute of Distance and Open learning (GUIDOL) , Gauhati University. The aims and objectives of the University :

- i. *to impart quality management education,*
- ii. *to cater to the rapidly growing needs for the managerial manpower through provision of well designed and well directed programmes of professional education,*
- iii. *to generate alternative solution to management problems in general, and problem faced by the business houses in the country through organized programme of research, consultancy and publication*

2. Relevance of the programme with HEI's mission and goals:

Looking at the rapid growth and changing need of the corporate houses, this programme has been designed to create a set of trained manpower having adequate knowledge and understanding of business policy in the field of business management.

Managing a business is an Art and one of the most challenging job now a days as enormous amount of data and resources are available and needs to be understood and put to profitable use. This needs skilled managerial manpower which this programme aims to cultivate amongst its learners

Business Management is a part of the core courses in the Department of Business Administration and to certain extent, in the Department of Economics and Department of commerce as well, hence this post graduate diploma programme is/shall be offered has


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Gauhati University, Guwahati-1A

relevance to the nodal departments in the University and dovetail with the mission and goal of the Parent Department.

3. Nature and target group of learners: Our target group includes-

- a. *those deprived of admission in the parent Department of regular mode due to limited intake capacity.*
- b. *those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder*
- c. *drop outs primarily due to social , financial and economic compulsions as well as demographic factors.*
- d. *job seekers.*

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence:

The programmes is/shall be offered through ODL Mode will have certain learning outcomes. The programmes will help the learners,

- *to create the knowledge of basic and advance concept of business administration as a broad field,*
- *to enhance and develop the knowledge and understanding of the theoretical and practical foundations of business management as a subject.*
- *to build knowledge of the different analytical concepts using statistical and financial models in the field of business administration,*
- *to develop a person with excellence in training & leadership for industrial requirement,*
- *to commit to action that demonstrates care for others*

5. Instructional Design

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the Departments of Economics, Management and Commerce at the University and GUIDOL. Since the programme is open to learners from several streams , and being a one year course, efforts have been made to make the course broad based by including some of the basic principles of management and commerce, keeping in view the needs of the diverse group of learners.

- b) **Detailed Syllabus**: File containing detailed syllabus is attached (*Enclosure-I*).
- c) **Duration of the Programme**: This Programme is/shall be of one year duration and is divided into two semesters viz. 1st and 2nd semester. A Learner will get maximum 2 years to complete the programme.
- d) **Instructional Delivery Mechanism**: The programme is/will be delivered in 2 (two) semesters having 3(three) course/module in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
- e) **Faculty**:
1. Prof. Rinalini Pathak Kakati, Professor and Dr. Monoshree Mahanta, Associate Professor, Department of Business Administration, Gauhati University nominated as Coordinators of the ODL programme in Business Management.
 2. Resource persons drawn from amongst teachers of affiliated colleges and faculty staff of the Department of Gauhati University.
 3. Sri Rajen Chetri, Assistant professor in Commerce , GUIDOL on a part time basis.
- f) **Media**: Print Media, ICT based content and content delivered through e-Portal
- g) **Student Support Service**: In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-
- i) **Network of Study Centres**: To assist its learners of the ODL mode the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.
 - ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
 - iii) **E- Learning Portal**: www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:
 - Online enrolment of students

- Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
 - Online Study Material
 - Old Examination Question Papers
- iv) **Dynamic Website www.idolgu.in** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, upcoming events, examination results etc.
- v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in .
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the IDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated IDOL counselling room and meet their teachers to clarify their doubts.
- vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process starts from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for any graduate in any stream from a recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor.

Curriculum transaction- Activity Planner *(Enclosure-II)*

Evaluation- Each course/paper shall carry 100% weightage for the term-end examinations In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Examination Rules and Regulations of the Gauhati University .

- 7. Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

- 8. Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 15 Lakhs annually which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is

evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of the course.

- 9. Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

SYLLABUS OF PGDBM
POST GRADUATE DIPLOMA IN BUSINESS
MANAGEMENT (PGDBM)–
1 YEAR DURATION

TITLE OF PAPERS :

BM 01 : Principles of Management & Organizational Behaviour.
BM 02 : Elements of personnel Management.
BM 03 : Marketing and Sales Management.
BM 04 : Accounting & Finance for Managers.
BM 05 : Economics for Managers.
BM 06 : Production & Materials Management.

BM 01

Principles of Management & Organizational Behaviour

UNIT 1

Evolution of Management & Organization Theory. Scientific Management School, Classical Organization Theory, Behavioural School ; Management Science School, Systems Approach, Contingency Approach.

UNIT 2

Functions of a Manager–Planning, Organizing, Coordinating & Controlling.

UNIT 3

Motivation, Leadership, Communication Theories of Motivation, Theories of Leadership, Importance of Communications, Communication Problems, Communication Effectiveness.

UNIT 4

Individual Processes in Organizations Perception, Attitudes and Personality. Factors that affect them, How they influence people.

UNIT 5

Group Processes in Organizations Groups, Group formation, Group Effectiveness, Group conflict.

UNIT 6

Organization Design, Organization Change, and Organization Development.

Reference Books :

1. Management by James Stoner R E Freeman and Gilbert D, Prentice Hall 6th edition.
2. Organizational Behaviour by Stephen Robbins, Prentice Hall.
3. Organizational Behaviour by S S Khanka, S. Chand & Co.

BM 02

Elements of Personnel Management

UNIT 1

Evolution, Role and Status of Human Resource Management in India – Structure and functions of Human Resources Management – Systems View of HRM.

UNIT 2

Manpower Planning – Concept, Organization and Practices, Manpower Planning Techniques – Short – term and Long – term planning.

UNIT 3

Recruitment and Selection – Job Analysis – Description – Job Specification – Selection Process – Tests and Interview – Placement and Induction.

UNIT 4

Career Planning and Development – Career Counseling Promotions and Transfers – Retirement and other separation Process.

UNIT 5

Wages and Salary Administration – Developing a Sound Compensation Structure – Regulatory Provisions – Incentives.

UNIT 6

Grievance Handling and Discipline – Developing Grievance Systems – Collective Bargaining – Managing Conflicts.

Reference Books :

1. Arun Monappa & Sayuddain : Personnel Management, Tata McGraw Hill.
2. Pramod Verma : Personnel Management in Indian Organisation, Oxford & IBIA.
3. Edwin B. Flippo : Personnel Management, McGraw Hill.

BM 03

Marketing & Sales Management

UNIT 1

Marketing Concept – Defining Marketing, Core Marketing Concept: Production Concept, Product concept, Selling Concept, Marketing Concept, and Marketing Mix concept.

UNIT 2

Analysing Consumer Markets & Buyer Behaviour Major factors influencing buyer behaviour: cultural factors, social factors, personal factors, and psychological factors, buying Decision Process: stages Market Segmentation, Bases for segmentation, Family Life cycle.

UNIT 3

Product Policy – Product and service differentiation, Product concept, Product levels, Product Hierarchy, Product classification, New Product Development process, Product Life cycle, Product adoption & diffusion process, Product Mix decisions, Branding.

UNIT 4

Price Policy – Pricing Objectives, Selecting pricing methods, adapting price to the market needs, Price wars.

UNIT 5

Promotion Policy – Need for promotion, promotion techniques.

UNIT 6

Channel & Distribution Policy – Channel structure, channel decisions, Wholesaling, Retailing, Physical distribution decisions Transport modes available in India with its merits and demerits.

UNIT 7

Sales Management selling function – Personnel Selling – Locating prospects, building prospect list – Pre-call planning, Sales Approach – Customer Needs Analysis – Sales Presentation – Handling Customer Objections – Closing Sales – Follow-up action, Territory Management, Sales Ethics, Sales Forecasting, Recruitment Training Sales People, Compensation for Sales People, Evaluating sales force performance.

Reference Books :

1. Marketing Management by Philip Kotler, 8th Edition, PHI.
2. Sales Management by Vaswas Das Gupta, PHI.
3. Selling – Principles & Practices by Fredrick Russel, Frank Beach and Richard Brskirk, McGraw Hill.

BM 04
Accounting and Finance for managers

UNIT 1

Accounting – The Language of Business – Definition – Scope and Functions of Accounting – Basic Postulates and Conventions – International Accounting Standards.

UNIT 2

Accounting Cycle : Debit and Credit – Rules – The Ledger – Journal – Trial Balance – Closing and Adjusting Entries – Preparation of Cash Book – Bank Reconciliation Statement.

UNIT 3

Preparation of Final Statements : Trading or Manufacturing Account – Profit And Loss Account – Profit And Loss Appropriation Account – Balance Sheet Preparation – Classification of Assets and Liabilities – Methods of Depreciation – Inventory Valuation.

UNIT 4

Analysis and Interpretation of Financial Statements : preparation of Common Size Statements – Trend Percentages – Ratio Analysis – Classification Of Ratios – Interpretation and Limitation of Ratios.

UNIT 5

Capital Budgeting : Investment Proposals – Traditional Techniques of Project Evaluation – DCF Techniques – Capital Rationing.

UNIT 6

Working Capital Management : Concepts – Determinants – Estimating Working Capital Requirements – Funds Flow Analysis – Preparation of Statement of Sources and Application of Funds

Reference Books :

1. Gupta R.L. & M Radhaswamy : Advanced Accounts Vol. 1., S Chand & Sons, New Delhi 1985.

2. Horngreen C.T. : Accounting for Management Control : An Introduction, Englewood Cliffs, Prentice Hall, New York 1983.
3. Jain S.P. & Narang Advanced Accounting Kalyani Publishers, Ludhiana 1985.
4. Weston J. Ferd & Eugene Brigham : Essential of Managerial Finance, Dryden Inc. 1979.

BM 05
Economics for Managers

UNIT 1

Introduction to managerial economics – Economic principles and the practice of management – Role and responsibilities of managerial economists.

UNIT 2

Meaning of Demand – types of demand – Determinants of demand – demand function – demand elasticities – demand forecasting.

UNIT 3

Production Functions – Input-Output Analysis, Law of variable proportions – Return to Scale.

UNIT 4

Cost concepts – Cost Function – Long-run and short-run Cost-Output relationship – Managerial use of cost function.

UNIT 5

Price and Output determination under different Market Structures – price discrimination – Pricing methods in practice.

UNIT 6

National Income – Concept and measurement – Gross National Product (GNP) – Net National Product (NNP) – Methods of

Measuring National Income.

UNIT 7

Business Cycle-Types of Business Cycles-Phases of Business Cycles-Theories of Business cycles and the managerial implications.

Reference Books :

1. Dean Joel, Managerial Economics, Prentice Hall of India.
2. Gupta G S, Managerial Economics, Tata McGraw Hill.

• BM 06

Production & Materials Management

UNIT 1

Production Management-meaning, scope and functions. Problems of production Management different types of production systems.

UNIT 2

Production planning and control. Objective and characteristics of Production planning – steps involved in production planning. Meaning and definition of production control – objectives of production control-Techniques of production planning and control.

UNIT 3

Meaning and importance of productivity. Measurement of productivity. Factors affecting industrial productivity-production and productivity.

UNIT 4

Scheduling. Network analysis – CPM and PERT-advantages and limitation of the two methods. Difference between CPM and PERT.

UNIT 5

Meaning and definition of materials management, objectives of materials management. Purchasing functions, procedures-centralised and decentralised purchasing. Other methods of Purchasing, Store-keeping, organization of store keeping.

UNIT 6

Inventory control and management, Importance of inventory management, essential of inventory control system, various inventory costs. Reorder point, EOQ. ABC techniques of inventory control.

UNIT 7

Quality Control and inspection, advantages of quality control system, inspection different kind of inspection. Statistical Quality Control – Types of control Charts.

Reference Books :

1. Adam and Ebert, Production and Operations Management, Tata McGraw Hill.
2. Data A K, Integrated Materials Management, Prentice Hall.



ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

First Semester	
DBM01	Principle of Management and Organizational Behaviour
DBM02	Elements of Personnel Management
DBM03	Marketing and Sales Management
Second Semester	
DBM04	Accounting and Finance for Managers
DBM05	Economics for Managers
DBM06	Production and Material Management

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING (IDOL)

Programme Project Report
(One Year Post Graduate Diploma)

PPR ID : GU/GUIDOL/PPR/14 (Total no. pages : 19)

Programme: Post Graduate Diploma in Computer Application (PGDCA)

1. Programme mission and objective:

The mission of the Programme to be launched is *"to provide computer education to all graduates for the development of their computer skills"*

Objectives of the Programme:

- *To develop computer skills among every individual related to different professional/organizational jobs and enhance their knowledge and understanding of the theoretical and practical foundations of Computer education.*
- *To generate competent and well-educated human resource for the teaching profession in public and private sector schools as computer teachers.*

2. Relevance of the programme with HEI's mission and goals:

Gauhati University was established in 1948 with a mission to revitalize educational leadership, to set the standard for the production and dissemination of knowledge as well as to become an effective instrument of change in the society. With this aim in view, the Department of Computer Science was established in 1985 by introducing a one-year Post Graduate Diploma in Computer Science and Application (PGDCSA) in 1986. In 2001, a two-year (four-semester) M.Sc. programme in Computer Science was introduced after obtaining approval from the UGC, replacing the PGDCSA programme. The PGDCSA programme was renamed as Post Graduate Diploma in Computer Application (PGDCA)


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Registrar
Gauhati University, Guwahati-14

and it has been introduced in different affiliated colleges of Gauhati University in conventional mode.

Keeping in view the motto of “*Quality Higher Education For All*”, PGDCA was introduced in the ODL mode under the auspices of the ODL, Gauhati University in 2005. This programme to be offered through ODL mode is very much relevant to the HEI’s mission and goals as it aims to provide quality higher education in computer application to those aspiring candidates who are deprived of computer education. Moreover, to keep the quality intact the curriculum and syllabus is designed at par with the conventional mode keeping in mind the specific needs and acceptability of the learners in the ODL mode and in keeping with the aims and objectives of the parent department. The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper.

3. Nature and target group of learners:

Our target group includes-

- (i) Those learners interested in computer knowledge to develop their skills and unable to continue their computer education through the conventional mode of the Higher Educational Institute, Gauhati University
- (ii) Those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- (iii) Those employed in various organization and would desire to pursue computer education as a passion or as a means for the development of their computer skills and movement up the promotional ladder
- (iv) Job seekers

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence:

The PGDCA programme to be to be offered through ODL Mode will have certain learning outcomes. This programme will help the learners

- To develop their computer skills and prepare them for different professional/organizational jobs.
- To enhance and develop their knowledge and understanding of the theoretical and practical foundations of Computer education.

5. Instructional Design:

a) Curriculum Design: The curriculum is designed by a committee comprising experts from the parent department of the HEI and IDOL, keeping in view the needs of the diverse class of learners.

b) Detailed Syllabus: File containing detailed syllabus is attached.

c) Duration of the Program: Minimum 1(one) year. However, the learners are required to complete the course within 2 (two) years from the date of admission.

d) Instructional Delivery Mechanism: The programme will be delivered in 2(two) semesters having 4(four) course/paper in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counseling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Term end/semester end theory and practical examination.

e) Faculty:

(A) Full Time (ODL Mode)

- I. Dr. Ridip Dev Choudhury, M.Sc. (Comp. Sc), PhD -Assistant Professor
- II. Dr. Khurshid Alam Borbora, M.Sc. (Comp. Sc), PhD - Assistant Professor
- III. Mr. Swapnanil Gogoi, M.Sc. (Comp. Sc), - Assistant. Professor
- IV. Pallavi Saikia, M.Sc. (Comp. Sc)-Assistant. Professor
- V. Hemanta Kalita, M.Sc. (IT), M.Tech - Assistant. Professor
- VI. Rita Chakraborty, M.Sc. (IT) - Assistant Professor

(B) Part time resource persons will be drawn from amongst teachers of affiliated colleges, researchers and faculty staff of the Department of HEI.

f) Media: Print Media, ICT enabled tools, Multi-Media and e-Learning Portal.

g) Student Support Service: In order to successfully execute the programme, the University has a wide range of support services. The various support services are listed as below-

(i) Network of Study Centres: To assist its learner, the University has established 96 study centres throughout the State of Assam and within the territorial jurisdiction of Gauhati University.

(ii) State of the art Library with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

(iii) E- Learning Portal: www.bodhidroom.guidol.in the first of its kind in the entire North east region of India which provides the following services to the students:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

- (iv) **Dynamic Website(www.idolgu.in)** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding ODL programmes, up-coming events, examination result etc.
- (v) **Computerised admission process with provision of online admissions:**
The whole system of admissions and examinations are managed using professional software which gives instant online access to learners that can be accessed through www.idolgu.in .
- (vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the University as well as in the parent department during all working days. Learners may walk-in to the designated counselling room and meet their teachers to clarify their doubts.
- (vii) **Personal Contact Programme (PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.
- (viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. **Procedure for Admissions, Curriculum transaction and Evaluation:**

Admission: The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for PGDCA programme is any graduates from any recognized Indian or Foreign university. The proposed fee for admission is Rs 7000.00(Seven

Thousand only) per semester. Financial Assistance is provided to the candidates belonging to the SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Vice Chancellor.

Curriculum transaction- Activity Planner:

The curriculum will be transacted throughout the year as per the following activity planner:

- Regular Counseling/Classes/Practicals will be carried out for minimum of 4 (four) months per semester.
 - a) 1st semester classes will start from the month of March and end by June every year.
 - b) 2nd semester classes will start from the month of October and end by the end of January every year.
- Regarding the classes related to theory and practical courses/papers,
 - a) One theory class, of one hour duration, for each course/paper is/will be conducted in a week.
 - b) One practical class, of two hours duration, for each course/paper with practical component is/will be conducted in a week.
- For slow-learners, few remedial classes/counseling will be conducted as necessary.

Evaluation: The PGDCA Programme is/shall be of 1 year duration and is divided into two semesters. A Learner will get maximum 2 years to complete the course. Each course shall carry 100% weightage for the term end examinations as well as for the practical. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% marks in each course/paper of theory examination and 40% in practical course/paper examination. All examinations for ODL learners are conducted by the Controller of Examinations as per Rules and Regulations of the Gauhati University.

6. Library Resource and Laboratory Support:

- (A) The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines related to computer education are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

- (B) For conducting theory and practical classes, there are 2 (two) Digital Classrooms and 2 (two) Computer Laboratories with the following facilities:

	Item	Quantity
Computer Lab 1	Desktop Computer	55
	LCD Overhead Projector	1
	Document Scanner with Overhead Projector	1
	40 inch LED TV for parallel display with the LCD projector	1
	Smart Board	1
	Sound System with Lapel Connectivity	1 Set
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	

Computer Lab 2	Desktop Computer	22
	55 inch LED TV used for projection	1
	Split AC	2
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Digital Classroom 1	Intake Capacity	64
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	3
	LAN Connectivity	
	Internet Connectivity provided by NKN	
Digital Classroom 2	Intake Capacity	100
	LCD Projector	1
	Sound System with Lapel Connectivity	1 Set
	Podium	1
	Split AC	4
	LAN Connectivity	
	Internet Connectivity provided by NKN	

- 8. Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 15 Lakhs which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate

is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.

9. Quality assurance Mechanism and Expected Programme outcome: The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

ENCLOSURE- I

Distribution of Courses for PGDCA:

Total Marks: 800		Total Credits: 30	
Course No	Course Title	Evaluation Pattern	Credit
SEMESTER - I			
IT-01	Fundamentals of Computers	Objectives:40%, Descriptive: 60%	3
IT-02	Introduction to Programming	Objectives:40%, Descriptive: 60%	4
IT-03	Digital Logic	Objectives:40%, Descriptive: 60%	3
IT-04	Practical Lab-1 (PC Software + Programming)	PC Software:70%, Programming: 30%	4
SEMESTER - II			
IT-06	Programming in C++	Objectives:40%, Descriptive: 60%	4
IT-07	Database Management System	Objectives:40%, Descriptive: 60%	4
IT-08	Computer Network & Internet	Objectives:40%, Descriptive: 60%	4
IT-09	Practical Lab-2 (Programming+DBMS+Internet)	Programming: 40%, DBMS: 30%, Internet: 30%	4

Detail Syllabus

SEMESTER – I

IT-01: FUNDAMENTALS OF COMPUTERS

Introduction

Brief history of development of computers, computer system concepts, capabilities and limitations, types of computers: Analog, Digital, Hybrid, general, special purpose, Micro, mini, mainframe super computers, generations of computers, personal computers, types of personal computers – Laptop, Palmtop etc.

Computer software

Need of software, types of software, System software – Operating system and its types, loader, linker etc.; Application software --word processing, spread sheet, presentation graphics, database management software; Programming languages - machine, assembly, high level, 4GL, their merits and demerits, Computer Viruses.

Components of Computer System

Basic components of computer system, Input devices, output devices, Control Unit, storage devices, maintaining the Computer System.

PC Hardware and Maintenance

Introduction and Identification of different hardware component of a PC , Installation of Operating System, Hard Disk Partitioning ,Troubleshooting.

IT-02: INTRODUCTION TO PROGRAMMING

Introduction to C:

Steps for Problem Solving, Algorithm, Analysis of Algorithm Efficiency, Flowchart , Pseudo code, Program , Programming Languages , Translators

History of C , Features of C, Structure of a C Program, Writing a C Program, Compiling and Run a C Program, Syntax and Semantic Errors, Linker Errors, Logical and Runtime Errors, Execution Process

Variables and Constants:

Character Set, Identifiers and Keywords, Rules for Forming Identifiers , Data Types and Storage Classes in C, Variables , Declaring Variables, Initializing Variables, Constants, Types of constants

Expressions and Operators:

Assignment Statements, Unary and Binary Operators , Arithmetic Operators, Relational Operators , Logical Operators, Comma and Conditional Operators, Type Cast Operator, Size of Operator, Precedence of Operators

Control Statements, Decision Control Statements:: The if Statement , The switch Statement, Loop Control Statements:: The while Loop , The do-while Loop ,The for Loop, The Nested Loop, The Goto Statement, The Break Statement, The Continue Statement

Arrays:

Definition , Syntax of Array Declaration and Initialization, Subscript, Processing the Arrays , Multi-Dimensional Arrays, Declaration and Initialization of Two-Dimensional Array, Processing of Two Dimensional Arrays, Representation of Matrix using Two Dimensional Array

Strings:

Character Arrays, Declaration and Initialization of Strings, Array of Strings, Library String Functions: strlen , strcpy , strncpy , strcmp , strncmp , strcmpi , strnicmp , strcat , strncat , strlwr ,strupr , strrev , strdup, strchr , strset , strnset , strstr

Functions:

Definition , Structure of a Function , Function Declaration , Function Definition , Formal parameter , Actual parameter ,The Return Statement , Function Prototypes , Recursive Function, Function Calling: Call by value and Call by address

Structures and Unions:

Declaration and Initialization of Structures, Accessing the Members of a Structure , Structures as Function Arguments , Structures and Arrays , Unions , Initializing an Union, Accessing the Members of an Union

Pointers:

What is Pointer , Address and Indirection Operators , Pointer Type Declaration and Assignment, Pointer to a Pointer , Null Pointer Assignment , Pointer Arithmetic, Passing Pointers to Functions , Arrays and Pointers , Array of Pointers , Pointers and Strings

The C Preprocessor and Command Line Arguments:

Definition, Macros in C, #define, #include, #ifdef, Other Preprocessor Commands, Predefined Names Defined by Preprocessor

Command Line Arguments in C, Structure of Programs that use Command-Line Arguments, Accessing Command-Line Arguments

Files:

Definition, File Handling in C Using File Pointers, fopen() , fclose() , Input and Output using file pointers , Character Input and Output in Files, String Input / Output Functions , Formatted Input / Output Functions , Block Input / Output Functions, Sequential Files, Random Access Files , Positioning the File Pointer

IT-03: DIGITAL LOGIC

Binary Systems

Digital Computers and Digital Systems, Binary Numbers, Number Base Conversion, Octal and Hexadecimal Numbers, Complements, Binary Codes, Binary Storage and Registers, Binary Logic, Integrated Circuits

Boolean Algebra and Logic Gates

Basic Definitions, Boolean Algebra: Theorems and Properties, Boolean Functions, Canonical and Standard Forms and Other Logic Operations. Digital Logic Gates and its different types.

Simplification of Boolean Functions

Map Method: Two, Three and Four variable maps. Product of Sums Simplification, NAND and NOR implementation, Don't Care Conditions, Tabulation Method.

Combinational Logic and Sequential Logic

Adders: Half Adder, Full Adder and Binary Parallel Adder. Decoder, Encoder, Multiplexer, Demultiplexer.

Flip-Flops and its different types, Registers, Shift Registers, Counters.

IT-04: PRACTICAL LAB-1 (PC Software + Programming)

MS Office Suit

Exposure to Open Office

Programming in C

SEMESTER – II

IT-06: PROGRAMMING IN C++

Principles of OOP

What is OOP, Difference between OOP and Structured Programming, Basic Concepts of Class, Object, Data abstraction and Encapsulation, Inheritance, Polymorphism, Dynamic binding, Message passing, Benefits of OOP, OOP languages, Applications

Introduction to C++

Features of C++ , Structure of a C++ Program, The iostream file, cin and cout object, Saving a C++ program, Compiling and Running a C++ Program.

Variables, Constants, Operators and Expressions and Control Statements (if, switch, for, while, do-while) in C++.

Functions in C++

Return types in main(), function prototyping, Call by reference, Call by value, Call by address.

Inline functions, Default arguments, Constant argument, Function overloading.

Classes and Object:

Specifying a class, Member of a class, Access specifier , Use of scope resolution operator(::) , Creating object, Accessing class members, Defining member functions, Friend function, Friend class, Object as function arguments, Constructor , Constructor overloading, Default argument constructor, Copy constructor, Parameterized constructor, Default constructor, Destructors.

Inheritance:

Concept of Base class and Derive class, Types of Inheritance

IT-07: DATABASE MANAGEMENT SYSTEM

The Basic Concepts

The file based system, limitations of file based system, the Database Approach, Advantages of DBMS.

DBMS Architecture

Three level architecture of Database System, Mappings, Data Independence.

Components and Functions of DBMS, Database Administrator and its roles.

Entity, Attributes and Associations

Definition of Entity, attribute, association among entity and attributes, Generalizations and Aggregation.

Data Models

Relational Model, Hierarchical Model, Network Model

The Relational Model

The Relational Model, Domains, Attributes, Tuples, Relations and Views. Primary Key, Foreign Key, Candidate Key, Alternate Key, Super Key, Relational Constraints.

The E-R Model, Weak Entity and Strong Entity.

Relational Algebra

Basic operations – Union, Intersection, Difference and Product. Additional operations – Select, Project, Join and Divide.

Database Integrity and Normalisation

Referential Integrity, Entity Integrity. Functional Dependencies, Concept of Normalization, First Normal Form, Second Normal Form, Third Normal Form, Boyce Codd Normal Form.

Structured Query Language

What is SQL? Data Definition Languages, Data Manipulation Languages, Data Control Languages.

Database Recovery and Security

What is Recovery? Kinds of failures, Failure controlling methods, Database errors, Recovery Techniques, Security & Integrity, Relationship between Security and Integrity.

IT-08: COMPUTER NETWORK & INTERNET

Computer Network

Uses of computer networks, Types of computer networks: LAN, MAN, WAN etc., Networks topologies, Layered architecture. Interface and services, Connection-oriented and connectionless service, The relationship of services to protocol,

The OSI reference model, The TCP/IP reference model, Different inter-connecting devices: repeaters, hubs, bridges, switches, routers and gateways.

Physical layer: Guided and wireless transmission media, Satellite communication and their relative merits and demerits

Data link Layer: Functions of data link layer, framing error control flow control

Network Layer: Functions of network layer, Virtual circuit vs. datagram subnet, Routing, Internet protocol (IP)

Transport Layer: Basic functionality of transport layer, TCP and UDP protocol

Application Layer: Domain Name Service (DNS), electronic mail, ftp, telnet, www, http, URL

Internet

Overview

History of Internet, Internet services: telnet, e-mail – Definition, use, Equipments required for an Internet Connection, Opening an e-mail account, Reading and Writing e-mail.

Web browser, Components of a Web Browser, Web page, home page, web site, URL, introduction to e-commerce, Surfing the Internet., Search Engine, uploading and downloading.

Introduction to HTML

Hypertext Markup Language (HTML), Writing a web page in HTML, Tags, hyperlinks, URLs, tables, text formatting in web pages, Using graphics and multimedia in web pages; image maps., Use of frames and forms.

Introduction to JavaScript:

Constants, variables, operators, expressions, statements. Use of user-defined and built-in functions, Client-side Form validation using JavaScript, Using properties and methods of built-in objects.

IT-09: PRACTICAL LAB-2 (Programming + DBMS + Internet)

Programming in C++

My SQL/Oracle

HTML, Java Script, Hands on Networking/Internet connectivity configurations

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

Sl. No.	Semester	Paper No.	Paper Name
1	I	IT 01	Fundamentals of Computers
2		IT 02	Introduction to Programming
3		IT 03	Digital Logic
4	II	IT 06	Programming in C++
5		IT 07	Database Management System
6		IT 08	Computer Network and Internet

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING
(One year Post Graduate Diploma Programme)

Programme Project Report

PPR ID : GU/GUIDOL/PPR/16 (Total no. pages : 13)

**Programme: POST GRADUATE DIPLOMA IN FINANCIAL
MANAGEMENT**

1. Programme mission and objective: This programme is introduced in collaboration with the Department of Economics, Commerce and Business Administration, Gauhati University and administrated by Gauhati University Institute of Distance and Open Learning (GUIDOL). It may be mentioned that banking is specialization offered in the M.Com. programme by the Department of Commerce in Gauhati University. The aims and objective of the programme are

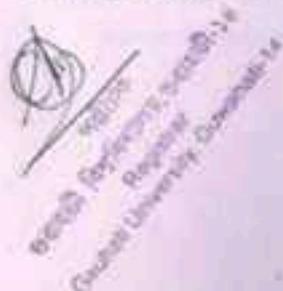
- i. *to impart quality management education,*
- ii. *to cater to the rapidly growing needs for the managerial manpower through provision of well designed and well directed programmes of professional education,*
- iii. *to generate alternative solution to management problems in general, and problem faced by the business houses in the country through organized programme of research, consultancy and publication.*
- iv. *to equip learners to seek employment in business/corporate houses and commercial establishments as well as self employment.*

2. Relevance of the programme with HEI's mission and goals:

Looking at the rapid growth and changing need of the business houses, this programme has been designed to create a set of trained manpower having adequate knowledge and understanding of business policy in the field of different financial services.

Quality financial services are essential for individuals, govt. organizations, private and public business houses which require large numbers of trained and quality manpower.

Finance Management is a part of the core courses in the Department of Business Administration and to certain extent in the Department of Economics and Department of commerce hence this post graduate diploma programme offered through GUIDOL has



relevance to the nodal departments in the University and dovetail with the mission and goal of the parent department.

3. Nature and target group of learners:

Our target group includes-

- a. those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- b. those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- c. drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- d. job seekers.

3. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence: The programmes is/shall be offered through ODL Mode will have certain learning outcomes. The programmes will help the learners,

- *to create the knowledge of basic and advance concept of business administration as the broad field,*
- *to enhance and develop their knowledge and understanding of the theoretical and practical foundations of finance management as a subject in particular,*
- *to build knowledge of the different analytical concepts using statistical and financial models in the field of business administration,*
- *to develop a person with excellence in training & taxation for industrial requirement,*
- *to commit to action that demonstrates care for others*

4. Instructional Design

a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the Departments of Economics, Management and commerce of the University, GUIDOL. Since the programme is open to learners from several streams, and being a one year programme, efforts have

been made to make the programme broad based by including some of the basic principles of management and commerce, keeping in view the needs of the diverse class of learners.

b) **Detailed Syllabus:** *The detailed syllabus is enclosed in the Enclosure no I*

c) **Duration of the Program:** This Programme is/shall be of one year duration and is divided into two semester viz. 1st and 2nd semester examinations. A Learner will get maximum 2 years to complete the programme.

d) **Instructional Delivery Mechanism:** The programme is/shall be delivered in 2 (two) semesters having 3(three) course/paper in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure III*). Counselling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.

e) **Faculty:**

1. Prof. Rinalini Pathak Kakati, Professor and Dr. Monoshree Mahanta, Associate Professor, Department of Business Administration, Gauhati University nominated as Coordinators of the ODL programme in Business Management.
2. Resource persons drawn from amongst teachers of affiliated colleges, researchers and faculty staff of the Department of HEI.
3. Sri Rajen Chetri, Assistant professor in Commerce , GUIDOL on a part time basis.

f) **Media:** Print Media, ICT based content and content through e-Learning portal

g) **Student Support Service:** In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-

(i) **Network of Study Centres:** To assist its learners of the ODL mode the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University

(ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

(iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:

- Online enrolment of students

- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
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 - Online Study Material
 - Old Examination Question Papers

(iv) **Dynamic Website www.idolgu.in** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, up-coming events, examination results etc.

v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in .

vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated GUIDOL counselling room and meet their teachers to clarify their doubts.

(vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

(viii) **Community FM Radio:** Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process shall start from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for any graduate in any stream from a recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Hon'ble Vice Chancellor.

Curriculum transaction- Activity Planner: *Enclosed in the Enclosure No II*

Evaluation- Each course/paper shall carry 100% weightage for the term-end examinations In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Examination Rules and Regulations of the Gauhati University .

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available. Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 15 Lakhs annually which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of the course.

9. **Quality assurance Mechanism and Expected Programme outcome:** The institute has an Internal Quality Assurance Cell constituted by the statutory body of the Gauhati University. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of this institute.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

ENCLOSURE-I

POST GRADUATE DIPLOMA IN FINANCIAL MANAGEMENT (PGDFM)

PAPER 1 Management Process

Unit I

Nature and Meaning of management, Functions of management

Unit II

Social responsibility of management, Levels of management and managerial Skills, Manager and environment.

Unit III

Planning principals and steps, Types of plans.

Unit IV:

Management by objectives and its limitations

Unit V:

Organization structure, span of management, Functional departmentation, the Matrix structure

Unit VI:

Authority and responsibility, Delegation and decentralization of authority.

Unit VII:

Human relations approach to management, management styles, Managing Effective communication.

Unit VIII:

The perceptual process, factors influencing

perception, learning theories

Unit IX:

Concept of motivation for high performance

Unit X:

Values and attitudes, type of values – values at workplace, Attitude and their Formation – implication of attitudes

Unit XI:

Meaning and causes of stress, managing work-related stress

**PAPER-2:
Financial Accounting**

Unit-I

Definition of Accounting, Scope and Functions, Accounting principles.

Unit-II

Accounting concepts and Standards, Definitions, Recognition and Measurement of the elements of Financial Statements.

Unit-III

The Accounting Process-Documentation and recording of Business Transactions, Classification.

Unit-IV

Summarising transactions, Journal and Ledger, Trial Balance, Petty Cash Book.

Unit-V

Provisions and Reserves- Provision for depreciation, provision for bad debts & doubtful debts.

Unit-VI

Final Accounts -Manufacturing and Trading Accounts, Profit & Loss Accounts and Balance Sheet.

Unit-VII

Classification of Assets and Liabilities under Indian GAAP.

Unit-VIII

Company Accounts-kind of companies, Formation and Incorporation of a company, Annual accounts of a company under schedule VI of Company's Act 1956.

**PAPER-3 :
Cost Accounting And Auditing**

Unit-I

Definition of Cost and Management Accounting.

Unit-II

Cost Elements and their treatment-(1) Material Cost- Methods for pricing. (2) Labour Cost-Direct and Indirect labour, Idle time, Overtime, Wage system, (3) Overheads-Absorption.

Unit-III

Basic concepts of Job, Batch and Process Costing.

Unit-IV

Marginal Costing-Calculation of Break Even Point.

Unit-V

Auditing Meaning of Auditing, nature, objective and scope of audit of financial statements, basic principles.

Unit-VI

Audit programme, documentation and working papers.

Unit-VII

Internal control system of an organization, Need for Review and Evaluation of the Internal Control System, Test checks, Audit in depth.

**PAPER 4 :
Financial Management**

Unit-I

Evolution Of Financial Management; The Goals Of Managerial Finance;

Unit-II

Financial Decisions And Risk-Return Trade Off.

Unit-III

Financial Analysis: The Scope And Purpose Of Financial Analysis, Financial Statement.

Unit-IV

Financial Statement Analysis, Horizontal, Vertical And Ratio Analysis.

Unit-V

The Statement Of Cash Flows, Cash Basis Of Preparing Statement Of Change In Position

Unit-VI

Sources Of Long-Term Finance: Equity Capital, Internal Accruals, Preference Capital, Term Loans, Debentures, Financing Strategy.

Unit-VII

Concept of Simple and Compound Interest, Time

Value Of Money.

Unit-VIII

The Cost of Capital: Cost of Debenture And Preference.

Cost of Equity, Weighted average cost of capital.

Unit-IX

Investment Criteria, NPV, IRR, BCR, PB, AER, Capital Rationing.

Unit-X

Concept of Leverage, Capital Structure Decision; EBIT-EPS Analysis, Summary of Capital Structure Theories.

**PAPER-5:
Investment Management**

Unit-I

Introduction to Financial Markets, Types of Investment, Characteristics of Investment

Unit-II

Functions of Stock Exchanges of India, Stock Indices.

Unit-III

Primary and Secondary Market Regulation

Unit-IV

Functions of Brokers and Intermediaries, Stock Depositories.

Unit-V

Fundamental Analysis- Economic, Industry and Company.

Unit-VI

Equity Valuation-Concepts and cases.

Unit-VI

Technical Analysis- charts, moving average, oscillation and momentum.

Unit-VIII

Calculation of portfolio risk and return, Capital asset pricing model, Portfolio Evaluation.

Unit-IX

Role of Securities Exchange Board of India (SEBI)

Unit-X

Powers and functions of SEBI.

**PAPER-6:
Corporate Taxation**

Unit-I

Meaning and classification of taxes

Unit-II

Direct and indirect taxes in India, Merits and demerits of Direct and Indirect Tax system.

Unit-III

Income Tax Company- meaning, kinds of companies for the purpose of assessments.

Unit-IV

Determination of Taxable Income and tax liability of a company

Unit-V

Minimum alternate tax on companies, Dividend tax on companies, Fringe benefit tax on companies.

Unit-VI

Sales Tax, State Level VAT, with special reference to Assam

Unit-VII

Value added Tax Law, Law of Central sales tax-an overview.

Unit-VIII

Service Tax Evolution of Service tax, Applicability and Services covered.

Unit-IX

Taxable services and their valuation.

Unit-X

An overview of Registration, Returns and Assessment procedures.

Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III

SLM covering syllabus

First Semester	
DFM01	Management Process
DFM02	Financial Accounting
DFM03	Cost Accounting and Auditing
Second Semester	
DFM04	Financial Management
DFM05	Investment Management
DFM06	Corporate Taxation

**GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING
(One year Post Graduate Diploma Programme)**

Programme Project Report

PPR ID : GU/GUIDOL/PPR/12 (Total no. pages : 13)

**Programme: POST GRADUATE DIPLOMA IN HUMAN RESOURCE
MANAGEMENT**

1. Programme mission and objective: This programme is/shall be introduced in collaboration with the Department of Economics, Commerce and Business management in the University. The aims and objective of the programme are

- i. *To impart quality management education,*
- ii. *To cater to the rapidly growing needs for the managerial manpower through provision of well designed and well directed programmes of professional education,*
- iii. *To generate alternative solution to management problems in general, and problem faced by the business houses in the country through organized programme of research, consultancy and publication.*
- iv. *To equip learners to seek employment in business houses and commercial establishments as well as self employment.*

2. Relevance of the programme with HEI's mission and goals:

Looking at the rapid growth and changing need of the business houses, this programme has been designed to create a set of trained manpower having adequate knowledge and understanding of various diverse aspects of human resource management.

As Human Resource Management is treated as one of the most important part in business houses now a day, this programme in ODL mode aims to meet the challenges of the recent policy and techniques of human resource management.

Human Resource Management is a part of the core courses in the Department of Business Administration and to certain extent in the Department of Economics and Department of commerce hence this postgraduate diploma course is/shall be offered through Gauhati University Institute of Distance and Open Learning (GUIDOL) has relevance to the nodal


Registrar
Gauhati University, Guwahati- 781 045

departments in the university and dovetail with the mission and goal of the parent department.

3. Nature and target group of learners:

Our target group includes-

- a. those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- b. those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- c. drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- d. job seekers.

4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence: The programmes is/shall be offered through ODL Mode will have certain learning outcomes. The programmes will help the learners,

- *to create the knowledge of basic and advance concept of Human Resource Management as a integral part of Business management.*
- *to enhance and develop their knowledge and understanding of the theoretical and practical foundations of human resource development as a subject in particular*
- *to build knowledge of the different analytical concepts using statistical and financial models in the field of administration and management .*
- *to develop a person with excellence in training & leadership for industrial requirement,*
- *to commit to action that demonstrates care for others and imbibe the qualities managerial excellence.*

5. Instructional Design

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the Departments of Economics, Management and commerce the University, GUIDOL. Since the course is open to learners from several streams , and being a one year course, efforts have been made to make the course broad based by including

some of the basic principles of management and commerce, keeping in view the needs of the diverse class of learners.

- b) **Detailed Syllabus**: *The detailed syllabus is enclosed in the **Enclosure no I***
- c) **Duration of the Program**: This Programme is/shall be of one year duration and is divided into two semester viz. 1st and 2nd semester examinations. A Learner will get maximum 2 years to complete the course.
- d) **Instructional Delivery Mechanism**: The programme is/will be delivered in 2 (two) semesters having 3(three) course/module in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counselling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
- e) **Faculty**:
1. Prof. Rinalini Pathak Kakati, Professor and Dr. Monoshree Mahanta, Associate Professor, Department of Business Administration, Gauhati University nominated as Coordinators of the ODL programme in Business Management.
 2. Resource persons drawn from amongst teachers of affiliated colleges and faculty staff of the Department of HEI.
 3. Sri Rajen Chetri, Assistant professor in Commerce , GUIDOL on a part time basis.
- f) **Media**: Print Media, ICT based content and content delivered through e-learning portal.
- g) **Student Support Service**: In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-
- (i) **Network of Study Centres**: To assist its learners of the ODL mode the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.

- ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.
- iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:
- Online enrolment of students
 - Independent Discussion Forum for every course
 - Independent News Forum for every course
 - Online interaction facility with faculty members
 - Online interaction between the students making the scope of collaborative learning
 - Interaction through chatting of all users of all courses who are online.
 - Separate Chat Room for individual course
 - **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
 - Online Study Material
 - Old Examination Question Papers
- iv) **Dynamic Website www.idolgu.in** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, up-coming events, examination results etc.
- v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional software which gives instant online access to learners. Can be accessed through www.idolgu.in .
- vi) **Flexible Walk in Group Counselling (FWGC):** Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the

designated GUIDOL counselling room and meet their teachers to clarify their doubts.

vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

viii) **Community FM Radio**: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. Procedure for Admissions, Curriculum transaction and Evaluation-

Admission- The admission process starts from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for any graduate in any stream from a recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Hon’ble Vice Chancellor.

Curriculum transaction- Activity Planner: *Enclosed in the Enclosure No 2*

Evaluation- Each course/module shall carry 100% weightage for the term-end examinations In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Examination Rules and Regulations of the Gauhati University .

7. **Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

8. **Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 15 Lakhs annually which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.
9. **Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

ENCLOSURE-I

SYLLABUS OF PGDHRM

POST GRADUATE DIPLOMA IN HUMAN RESOURCE MANAGEMENT (PGDHRM) – 1 YEAR DURATION

TITLES OF PAPERS

- HRM 01** : Principles of Management & Organizational Behaviour;
HRM 02 : Elements of Personnel Management.
HRM 03 : Industrial Relation & Labour Welfare.
HRM 04 : Labour Legislation.
HRM 05 : Methodology of Training & Development Planning.
HRM 06 : Human Resource Development.

HRM 01

Principles of Management & Organizational Behaviour

UNIT 1

Evolution of Management & Organizational theory.
Scientific Management School, Classical Organization Theory, Behavioural School, Management Science School, Systems Approach, Contingency Approach.

UNIT 2

Functions of a Manager- Planning, Organizing, Coordinating & Controlling.

UNIT 3

Motivation, Leadership, Communication- Theories of Motivation, Theories of Leadership, Importance of Communications, Communication Problems, Communication Effectiveness.

UNIT 4

Individual Processes in Organizations- Perception, Attitudes and Personality. Factors that affect them. How they influence people.

UNIT 5

Group Processes in Organizations-Group, Group formation, Group Effectiveness, Group conflict.

UNIT 6

Organization Design, Organization Change, Organization Development.

Reference Books :

1. Management by James Stoner R E Freeman and Gilbert D, Prentice Hall 6th edition.
2. Organizational Behaviour by Stephen Robbins, Prentice Hall.
3. Organizational Behaviour by S S Khanka, S. Chand & Co.

HRM 02

Elements of Personnel Management :

UNIT 1

Evolution, Role and Status of Human Resource Management in India – Structure and functions of Human Resources Management – Systems View of HRM.

UNIT 2

Manpower Planning – Concept, Organization and Practices, Manpower Planning Techniques – Short-term and Long-term planning.

UNIT 3

Recruitment and Selection – Job Analysis – Description – Job Specification – Selection Process – Tests and Interview – Placement and Induction.

UNIT 4

Career Planning and Development – Career Counseling Promotions and Transfers – Retirement and other separation Process.

UNIT 5

Wages and Salary Administration – Developing a Sound Compensation Structure – Regulatory Provisions – Incentives.

UNIT 6

Grievance Handling and Discipline – Developing Grievance Systems – Collective Bargaining – Managing Conflicts.

Reference Books :

1. Arun Monappa & Sayuddin : Personnel Management, Tata McGraw Hill.
2. Pramod Verma : Personnel Management in Indian Organisation, Oxford & IBIA.
3. Edwin B. Flippo : Personnel Management, McGraw Hill.

HRM 03

Industrial Relations And Labor Welfare

UNIT 1

Industrial Relations : Concept, Aspects – Co-operation & Conflict.

UNIT 2

Industrial Conflict : Settling industrial disputes without state intervention & with state intervention. Methods of settling dispute without state intervention – Strikes and lockouts, Collective Bargaining and voluntary Arbitration; Methods of settling disputes with state intervention – Bipartite committees, compulsory collective Bargaining, Conciliation & mediation, Adjudication, Collective Bargaining : Concept, contents & coverage, Process, Negotiation techniques, Importance, Inhibiting, factors.

UNIT 3

Machinery for settlement of industrial disputes in India : Statutory Machinery – Conciliation and Adjudication; Non – statutory machinery – Indian Labor Conference & Standing Labor Committees & Wage Boards.

UNIT 4

Labor – Management Co-operation : forms of co-operation – Information sharing, Problem sharing, Joint consultation & Worker's Participation in Management, Worker's Participation in Management : Concept, Modes, Levels, Problems, Prospects, and Evaluation of Participative Management in India.

UNIT 5

Trade Union : History of Trade Union in India, Pattern & Structure, Objects & Functions, Advantages, Problems and Prospects.

UNIT 6

Employee Grievances : Approach to Grievance machinery, Nature of Grievance, Causes, Procedure, Grievance & industrial Relations, Discipline : Judicial approach to discipline, Process of holding Domestic Enquiries, Issue of a charge sheet, Notice of Enquiry, Suspension pending enquiry, Conduct of enquiry, Findings of enquiry officer, Award of punishment.

Reference Books :

1. Dynamics of Industrial Relations : Mamoria & Ganekar – Himalaya Publishing House.
2. Industrial Relations : Arun Monappa – Tata Mc Graw – Hill Publishing Co. Ltd.

HRM 04

Labor Legislation :

UNIT 1

The Factories Act, 1948 – Object – Definition – Approval, – Health, Safety and Welfare – Working Hours of Adults – Employment of Women and Young Persons – Leave with Wage Penalties and Procedures – Enforcement machineries.

The Trade Unions Act 1926 – Object – Definitions – Registration – Rights and Liabilities : Office Bearer – Change Of Name – Amalgamation – Dissolution – Returns.

UNIT 2

The Payment of Wages Act 1936-Object -Application - Definition
- Persons Responsible to Pay Wages - Fixation of Wages periods -
Time of Payment of Wages - Deduction - Maintenance of Registers
and Records - Claims and Appeals
The Minimum Wages Act 1948 - Objects - Definitions - Fixations
- And Revision of Minimum Wages - Payment of Minimum Wages
Maintenance of Registers and Records - Enforcement - Claims.

UNIT 3

Industrial Disputes Act 1947- Scope And Object - Definitions -
Authorities - Conciliation, Adjudication and Arbitration, - Reference
of Disputes - Procedures, Power and Duties Of Authorities - Award
and Settlement - Strikes and Lockouts - Layoff and Retrenchment.

UNIT 4

Labor Welfare Legislations-The Workmen's Compensation Act
1923-Objects-Definition - Employer's Liabilities for Compensation
- Amount of Compensation - Commissioners - Appeals.
The Payment Of Gratuity Act 1972-Object - Extent and Application
- Definition - Controlling Authority - Payment of Gratuity -
Forfeiture of Gratuity - Nomination - Determination of Gratuity -
Appeal - Recovery of Gratuity - Miscellaneous.

UNIT 5

The Payment of Bonus Act, 1965-Object - Application - Definition
- Method of Computation of Gross Profit - Payment of Bonus -
Inspectors.

The Employee's Provident Fund and Miscellaneous Provisions Act
1952-Object - Application - Definitions - Employee's Provident
Fund - its Administration Contribution - Employee's Family Pension
Scheme - Employees Deposit Linked Insurance Scheme -
Miscellaneous.

UNIT 6

The Employees State Insurance Act 1948-Object - Application -
Definition - Employee's State Insurance Corporation - Standing
Committee - Medical Benefit Council - Principle Officers and Staff

- Finance and Audit - Contribution - Benefits - Adjudication of
Disputes and Claims Penalties.

UNIT 7

Other Labor Legislations-Industrial Employment (Standing Orders)
Act 1946-Need for Standing Orders - Applicability - Definitions -
Procedures for Submission and Certificates of Draft - Standing
Orders - Appeals - Date for Operation - Register of Standing
Order - Posting of Standing Orders - Duration and Modification -
Powers - of Certifying Officers - Penalties and Procedures -
Interpretation of Standing Orders - Rule Making Powers - Model
Standing Order.

Reference Books :

1. R.C. Chawla & K.C. Garg : Industrial and Commercial Law.
2. N.D. Kapoor : Elements of Industrial Law.
3. P.C. Malik : Industrial Law.
4. B.R. Dola : Labour And Industrial Law.
5. K.R. Bulchandani : Industrial Law.

HRM 05

Methodology of Training and Development Planning

UNIT 1

Performance Appraisal and its importance, capabilities and limitations
of different appraisal system, traits sum - performance appraisal
system, Human error in rating, employee participation in performance
appraisal, assessment of potential, self - appraisal, Peer - appraisal,
frequency of appraisal, performance counseling, designing and
installing a new performance appraisal system.

UNIT 2

Education - training - employment - development cycle, Psychology
of learning and learning learner's motivation.

UNIT 3

Assessment of training needs, training methods & aids, designing of a training programme, career planning, training and organization development.

UNIT 4

Instructional Objectives and Lesson Planning, Training climate and pedagogy.

UNIT 5

Development Training Modules, Training methods and techniques, Facilities planning and Training aids.

UNIT 6

Training Communication, Training Evaluation, Training and development in India.

Reference Books :

1. Lynton R and U. Pareek, Training and Development, Vistar New Delhi 1990, 2nd Edition.
2. Rae L., How to measure Training Effectiveness, Aldershot Gower, 1986.
3. Pepper, Allan D, Managing Training & Development Functions, Aldershot Gower, 1984.

HRM 06

Human Resource Development :

UNIT 1

Management Development Techniques Analysis of Development Process, Development of Self – Assessment, Management Development – Definition – Need – The system concept – Essential Ingredients of the Management Development Programmes, Techniques of Management Development – Selection of Techniques.

UNIT 2

Self Development Process and Managerial skills,
Self Development – Phases of Development – Change – Transience – Modular Man Managerial Skills – Development of Perceptual skills – Personality Trait Analysis.

UNIT 3

Rationalisation and automation in Industry, Concept of Rationalisation – Aims of Rationalisation – Stages, components and benefits of Rationalisation, Criticism of Rationalisation – Rationalisation in India, Input of Automation on employment – Govt policy on automation.

UNIT 4

Quality of Work Life and Quality Circles, Quality of Work Life – Specific Issues in QWL, QWL benefits – Productivity – Barrier to QWL, Strategies for improvement in QWL, Quality Circles – Participation – Essential process – definition – structure and goals of QC.

UNIT 5

Computer Applications and Human Resource Management – Extent of Electronic Data Processing use – Types of applications – some specific applications – Do's and Don'ts – managing data.

UNIT 6

Human Engineering and Research, Meaning and definition of Human Engineering, Work Improvement – Work improvement Vs Work measurement – Work study – Method study – Techniques – Motion study – Principles – Time study – procedures of time study, Human Resource Research – types of Research – Objects and coverage of research area.

Reference :

1. M.G. Rao, B.S. Minity & K.K. Rao : Personnel Management and Cases.
2. P. Subba Rao & VSP Rao : Personnel / Human Resource Management Text, Cases and Games.
3. M.N. Rudrabasavarni : Dynamic Personnel Administration.

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July- September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III

SLM covering syllabus

First Semester	
HRM01	Principle of Management and Organizational Behaviour
HRM02	Elements of Personnel Management
HRM03	Industrial Relation and Labour Welfare
Second Semester	
HRM04	Labour Legislation
HRM05	Methodology of Training and Development Planning
HRM06	Human Resource Development

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING
(One Year Post Graduate Diploma Programme)

Programme Project Report

PPR ID : GU/GUIDOL/PPR/17 (Total no. pages : 13)

**Programme: POST GRADUATE DIPLOMA IN INSURANCE
MANAGEMENT**

1. Programme mission and objective: This programme is/shall be introduced in collaboration with the Department of Economics, Commerce and Business Administration in the University. The aims and objective of the programme are

- i. *To impart quality management education.*
- ii. *To cater to the rapidly growing needs for the managerial manpower through provision of well designed and well directed programmes of professional education.*
- iii. *To generate alternative solution to management problems in general, and problem faced by the business houses in the country through organized programme of research, consultancy and publication.*
- iv. *To equip learners to seek employment in business houses and commercial establishments as well as self employment.*

2. Relevance of the programme with HEI's mission and goals:

Looking at the rapid growth and changing need of the business houses, this programme has been designed to create a set of trained manpower having adequate knowledge and understanding of business policy in the field of insurance management.

Being insurance term is related to our society, by this programme our aim is to create quality manpower to deal with different issues for managing insurance.

Insurance Management is a part of the core courses in the Department of Business Administration and to certain extent in the Department of Economics and Department of commerce hence this post graduate diploma programme offered has relevance to the nodal departments in the University and dovetail with the mission and goal of the parent department.


Registrar
Gauhati University, Guwahati-14

3. Nature and target group of learners:

Our target group includes-

- a. those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- b. those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- c. drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
- d. job seekers.

The curriculum is designed to enable learners to fulfill their aims and objectives in a manner they deem fit and proper. The curriculum is designed by a committee comprising of experts from the Department of the University, external experts and teachers of GUIDOL, keeping in view the needs of the diverse class of learners.

3. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence:

The programmes is/shall be offered through ODL mode will have certain learning outcomes. The programmes will help the learners,

- *to create the knowledge of basic and advance concept of business administration as the broad field,*
- *to enhance and develop their knowledge and understanding of the theoretical and practical foundations of insurance management as a subject in particular*
- *to build knowledge of the different analytical concepts using statistical and financial models in the field of business administration in broad,*
- *to develop a person with excellence in training for requirement in the Insurance sector.*
- *To develop skilled manpower to inducted into the ever expanding insurance sector both in the private as well as in the public sector*
- *To generate skilled manpower for self employment in the Insurance sector as a consultant or as development manager.*
- *to commit to action that demonstrates care for others*

4. **Instructional Design**

- a) **Curriculum Design**: The curriculum is designed by a committee comprising experts from the Departments of Economics, Management and commerce the University, GUIDOL. Since the programme is open to learners from several streams, and being a one year programme, efforts have been made to make the programme broad based by including some of the basic principles of management and commerce, keeping in view the needs of the diverse class of learners. Special emphasis is given to the study of the different operational aspects of the insurance sector.
- b) **Detailed Syllabus**: *The detailed syllabus is enclosed in the **Enclosure no I***
- c) **Duration of the Program**: This Programme is/shall be of one year duration and is divided into two semester viz. 1st and 2nd semester examinations. A Learner will get maximum 2 years to complete the programme.
- d) **Instructional Delivery Mechanism**: The programme is/will be delivered in 2 (two) semesters having 3(three) course/module in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counselling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
- e) **Faculty**:
1. Prof. Rinalini Pathak Kakati, Professor and Dr. Monoshree Mahanta, Associate Professor, Department of Business Administration, Gauhati University nominated as Coordinators of the ODL programme in Business Management.
 2. Part time resource persons drawn from amongst teachers of affiliated colleges, researchers and faculty staff of the Department of HEI.
 3. Sri Rajen Chetri, Assistant professor in Commerce , GUIDOL on a part time basis.
- f) **Media**: Print Media, ICT based content, content delivered through e-Learning portal.

g) Student Support Service: In order to successfully execute the programme, the Institute has a wide range of support services. The various support services are listed as below-

i) **Network of Study Centres:** To assist its learners of the ODL mode the University has established 96 study centres throughout the State of Assam but within the territorial jurisdiction of Gauhati University.

ii) **State of the art Library** with around 7 thousand collections of materials which includes books, journals, magazines, CD and DVDs.

iii) **E- Learning Portal:** www.bodhidroom.guidol.in the first of its kind in the entire North east region of India. Which provides the following services to the students:

- Online enrolment of students
- Independent Discussion Forum for every course
- Independent News Forum for every course
- Online interaction facility with faculty members
- Online interaction between the students making the scope of collaborative learning
- Interaction through chatting of all users of all courses who are online.
- Separate Chat Room for individual course
- **Message My Teacher:** When a student logged on to Bodhidroom, after enrolling himself/herself to a course, he/she will see the names of the virtual class teachers. Student can directly send offline messages to the teachers. When the teacher is logged on, he will receive an alert of incoming messages. Then he can reply to the message.
- Online Study Material
- Old Examination Question Papers

iv) **Dynamic Website www.idolgu.in** : Gauhati University has a dedicated dynamic website for ODL learners where one can get all the information regarding its programmes, up-coming events, examination results etc.

v) **Computerised admission process with provision of online admissions:** The whole system of admissions and examinations are managed using professional

software which gives instant online access to learners. Can be accessed through www.idolgu.in.

vi) **Flexible Walk in Group Counselling (FWGC)**: Regular group and individual counselling will be held in the GUIDOL (headquarter) complex as well as in the parent department during all working days. Learners may walk-in to the designated GUIDOL counselling room and meet their teachers to clarify their doubts.

vii) **PERSONAL CONTACT PROGRAMME(PCP)** :In addition to the Study Materials, useful Personal Contact Programmes will be held at various affiliated study centres, which will enable the students to clarify their confusions and ease their difficulty while going through it. Qualified faculty members of affiliated study centres will help out the attending students by providing necessary tips and Guidelines during the interactive sessions. These sessions are also meant to give the students a chance to meet the teachers personally and discuss their problems.

viii) **Community FM Radio**: Gauhati University has its own Community radio station named as “Radio Luit 90.8 FM” and operates daily from 8AM to 8PM. The Community Radio station shall be extensively used to broadcasts radio talks on various courses daily. The broadcast contents are designed as per the requirements by teaching staff of both the ODL Institute as well as the parent department. Experts are outsourced if the need arises.

6. **Procedure for Admissions, Curriculum transaction and Evaluation-**

Admission- The admission process starts from August and end by the end of September every year. The learner can go for either offline or online admission process. The minimum eligibility for any graduate in any stream from a recognized Indian or Foreign university. The proposed fees for admission is Rs 7000.00(Seven Thousand only) per year. Financial Assistance is provided to the candidates belong to SC/ST and OBC category in the form of scholarship. Few learners belonging to the economically deprived section as well as the physically challenged category are provided free ship on the recommendation of the Hon’ble Vice Chancellor.

Curriculum transaction- Activity Planner: *Enclosed in the Enclosure No 2*

Evaluation- Each course/paper shall carry 100% weightage for the term-end examinations. In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per examination rules and regulations of the Gauhati University .

- 7. Library Resource:** The University has a State of the Art Central Library with rich collections of materials which includes books, journals, magazines, CD and DVDs, and is accessible to the ODL learners as well. Moreover, the Institute has its own Library where various books, journals and magazines are available.

Gauhati University being a member of UGC-Infonet Digital Library Consortium (<http://www.inflibnet.ac.in/econ/index.php>) which provides current as well as archival access to more than 5000 core and peer-reviewed journals and nine bibliographic databases from 23 publishers and aggregators in different disciplines. The ODL learners can access the e-resources of UGC-Infonet Digital Library Consortium from the Gauhati University campus.

- 8. Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 15 Lakhs annually which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of the course.

- 9. Quality assurance Mechanism and Expected Programme outcome:** The institute has a *Centre for Internal Quality Assurance (CIQA)* constituted by the statutory body of the HEI. Members of the Cell are drawn from among the Deans of the different Faculty, Heads of the respective departments, Executive Council members, administrative staff and teaching staff of the institute. The Internal Quality Assurance Cell shall review the relevance and standard of the programme from time to time and make necessary changes in the syllabus and contents of the programme. The HEI shall continuously monitor the effectiveness of the program through *CIQA* and other statutory bodies.

Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

ENCLOSURE-I

POST GRADUATE DIPLOMA IN INSURANCE MANAGEMENT (PGDIM)

PAPER 1 Principles Of Insurance

Unit I:

Concept of Risks- Definition, Relation with uncertainty, Peril and hazard, Types of Risks-

Unit II:

Degree of risk, Risk classified, Attitude towards risk, Effect of Risks.

Unit III:

Classification of Pure risks, Attitude towards risks, Response to risks, Risk management spectrum, Nature of Risk management, The risk management techniques.

Unit IV:

Risk management Perspective, Evolution of risk management, Risk management and insurance management, Management of risk in personal and organisational life

Unit V:

Risk management techniques, Risk transfer mechanism, classes of insurance, Plans of various companies doing life and general insurance business in Public sector and Private sector

Unit VI:

Economic Principles of Insurance, Subrogation;

Contribution – Purpose and need of Insurance, Insurance as social security tools, Role of insurance in economic development, the insurance device, Risk sharing and risk transfer, insurance from the point of view of individual, Risk reduction through pooling, Insurance from the point of view of society, Benefits and costs of insurance, Principles of subrogation and contribution

Unit VII:

Introduction, Rate defined, Rating of insurance products, Rating guideline, Rating methods, Credibility of rating, Rating principles, Rate making process, Gross Premium, Pure Premium, Expense loading, Loss reserve, Inflation factor, Rating example in stable and flexible situation, Rate making methods

Unit VIII:

Principles of Actuarial Science, Physical and Moral hazards on which basis the risk is calculated, Description on mortality tables.

Unit IX:

Introduction to underwriting, objectives of underwriting, classification of risks, Rate or price determination, Underwriting policy, Underwriting audits, Underwriting guidelines, Reviewing and revising rate plans, Underwriting in life insurance,

Unit X:

Background, Definitions, objectives of reinsurance, setting retention, factors determining reinsurance needs, information needs of reinsurer, role of primary insurer, role of reinsurer

Unit XI:

Classes of reinsurance, Treaty, Facultative

reinsurance, classes of treaty reinsurance, Facultative reinsurance explained, Financial reinsurance, reinsurance through pools.

PAPER 2: Principles Of Life Insurance

Unit-I

Nature of Life Insurance, Life Insurance Contract and Policy Provisions,

Unit-II

Calculation of Premium.

Unit-III

Plans of Life Insurance- Need levels, Basic elements,

Unit-IV

Types of policies- Whole life, Endowment, Participating, Joint Life, Annuity, Variable policies and Riders.

Unit-V

Policy Document- Need and format, Preamble, Schedule, Attestation, Conditions and Privileges, Alteration, Specimen of Policy Document.

Unit-VI

Policy payment lapse and revival, Policy Claims

Unit-VII

Theory of rating- Actuarial principles, Mortality Tables, Physical and Moral Hazard, Warranties.

Unit-VIII

Group Insurance-Nature, Types,

Unit-IX

Group Gratuity Schemes, Group Superannuation

Schemes, Social Security Schemes.

PAPER 3: Principles Of Non-Life Insurance

Unit-I

Concept of Non-life Insurance- Types, Assessment and Transfer.

Unit-II

Insurable Interest, Indemnity, Subrogation, Contribution and Proximate Cause.

Unit-III

Fire Insurance- Coverages, Conditions, Sections, Floater & Declaration, Calculation and Settlement of Claims.

Unit-IV

Project and Engineering Insurance- Contractors All Risk, Erection All Risk and Policy

Unit-V

Motor Insurance-Need, Types, Premium Calculation and Claims.

Unit-VI

Health Insurance Mediclaim- Need, Types, Premium Calculation and Claims.

Unit-VII

Miscellaneous Insurance-Burglary, Money, Jewellers' Block, Baggage, Personal Accident, Marine and Aviation.

Unit-VIII

Claims Procedure- Investigation & Assessment,

Unit-IX
Role of Surveyors & Loss Assessors, Arbitration,
Unit-X
Settlement of claims, Unexpired Risk Reserve.

**PAPER 4:
Legal Aspects Of Insurance
Business**

Unit-I
Legal Framework Of Insurance Business,
Unit-II
The Insurance Act 1938, The Insurance
(Amendment) Act 2002.,
Unit-III
The IRDA Regulation-2002
Unit-IV
The Life Insurance Corporation Act 1956,
Unit-V
General Insurance Business (Nationalisation) Act
1972.
Unit-VI
The Legal Environment Principles Of Motor Vehicles
Act,
Unit-VII
The Public Liability Insurance Act 1991,
Unit-VIII
The Arbitration And Conciliation Act 1996,
Consumer Protection Act 1986 (Copa).
Unit-IX
Employees State Insurance Act 1948.Overseas

Medical Insurance, reinsurance , Insurance
Ombudsman.

Unit-X
Claims Procedure, Investigation & Assessment of
Claims, Arbitration.

**PAPER 5:
Insurance Marketing**

Unit I:
Evolution of Marketing , the Selling Concept, the
Marketing Concept, the Societal Marketing Concept,
Characteristics of Services Marketing, Classification
of Services.

Unit II:
Features of Service Organisations, Marketing
Environment of Insurance Organisations-macro level
and micro.

Unit III:
Market Segmentation- concept, process, Segmentation
Variables, Market Positioning in Services.

Unit IV:
Marketing Information System in Insurance
Marketing, Marketing Research Process –Research
Design, Data Collection –Data Analysis and
Interpretation.

Unit V:
Insurance Product, Product Levels, Service Product
Level, Product Hierarchy, Product Life Cycle, New
product Development Process in Insurance,
Insurance Product Management.

Unit VI:

Setting the Price, Pricing Objectives, Pricing Method, Issues in Pricing of Services.

Unit VII:

The Communication Process in Insurance, Promotion Mix, Promotion Objectives and Policies, Promotion Budget.

Unit VIII:

Marketing Channels, Role of Marketing Channels, Channel Management Decisions, New Distribution Channels in Insurance.

Unit IX:

Online Insurance Marketing, Customer Service on the Internet, The 4Rs of Insurance Industry.

Unit X:

Characteristics of Insurance Process Design, Types of Process, Selection of Process, Insurance Blueprint.

**PAPER 6:
Consumer Behaviour And Sales
Force Management:**

Unit I:

Consumer Behaviour – Concept, Types of Consumer Buying Behaviour in Insurance, Major Influences on Buying Behaviour in Insurance.

Unit II:

Consumer Decision Making Process, Motivation-Psychological force, Dynamics and Consumer Perception.

Unit III:

Consumer learning-behavioural learning theories and

cognitive learning theory.

Unit IV:

Consumer Attitude Formation and Change-Structural Models of attitude, Strategies of Attitude Change.

Unit V:

The Field of Sales Force Management in Insurance, Principles of Personal Selling- Definition, Nature of Sales Jobs, Relationship Marketing in Insurance.

Unit VI:

The Personal Selling Process – Prospecting, Pre-approach, Approach, Need Assessment, the Presentation, Meeting Objections.

Unit VII:

Designing the Sales force for an Insurance Organisation, Sales force Objectives and Strategy, Profiling and recruiting salespeople.

Unit VIII:

Training sale representatives, Program Design and Training Assessment, Evaluating sales representatives, IRDA Regulations(Licensing of Insurance Agents).

Unit IX:

Sales force size and Compensation in Insurance Organisation, Evaluating Sales Performance-Sales Management Audit, Evaluation process, Components of Performance Evaluation in Insurance Organisation.

Unit X:

Specific issues in Insurance Marketing- Definition of Marketing Ethics, Ethical Issues in Insurance Marketing, Codes of Ethics, Controlling Unethical Behaviour.

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ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

First Semester	
DIRM01	Principle of Insurance
DIRM02	Principle of Life Insurance
DIRM03	Principle of Non-life Insurance
Second Semester	
DIRM04	Legal Aspects of Insurance Business
DIRM05	Insurance Marketing
DIRM06	Consumer Behaviour and Sales Force Managemen

GAUHATI UNIVERSITY
INSTITUTE OF DISTANCE AND OPEN LEARNING
(One year Postgraduate Diploma Programme)

Programme Project Report

PPR ID : GU/GUIDOL/PPR/11 (Total no. pages : 14)

**Programme: POST GRADUATE DIPLOMA IN SALES AND
MARKETING MANAGEMENT**

1. Programme mission and objective: This programme is introduced in collaboration with the The Department of Economics, Commerce and business management in the University. The aims and objective of the programme are

- i. *To impart quality management education,*
- ii. *To cater to the rapidly growing needs for the managerial manpower through provision of well designed and well directed programmes of professional education,*
- iii. *To generate alternative solution to management problems in general, and problem faced by the business houses in the country through organized programme of research, consultancy and publication.*
- iv. *To equip learners to seek employment in business houses and commercial establishments as well as be self employment.*

2. Relevance of the programme with HEI's mission and goals:

Looking at the rapid growth and changing need of the business houses, this programme has been designed to create a set of trained manpower having adequate knowledge and understanding of business policy in the field of sales and marketing.

Defining "sale" and "marketing" in today's world is difficult as requirement parameters change very frequently, with the aim handling these issues and to create manpower to deal with the large demand of the business houses specially in this part of the country this programme has been designed.

Sales and Marketing is a part of the core courses in the Department of Business Administration and also in the Department of commerce and to certain extent in the Department of Economics hence this post graduate diploma programme offered through

Gauhati University Institute of Distance and Open Learning (GUIDOL) has relevance to the nodal departments in the University and dovetail with the mission and goal of the Parent Department..

3. Nature and target group of learners:

Our target group includes-

- a. those deprived of admission in the parent Department of regular mode due to limited intake capacity.
- b. those employed in various organizations who desire to pursue higher education as a passion or as a means for movement up the promotional ladder
- c. drop outs primarily due to social , financial and economic compulsions as well as demographic factors.
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4. Appropriateness of the programme to be conducted in the ODL mode for acquiring specific skills and competence:

The programmes is/shall be offered through ODL Mode will have certain learning outcomes. The programmes will help the learners,

- *to create the knowledge of basic and advance concept of business administration as the broad field,*
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- *to build knowledge of the different analytical concepts using statistical and financial models in the field of business administration in broad,*
- *to develop a person with excellence in training & leadership for industrial requirement,*
- *to commit to action that demonstrates care for others*

5. Instructional Design

- a) **Curriculum Design:** The curriculum is designed by a committee comprising experts from the Departments of Economics, Management and commerce the University, GUIDOL. Since the programme is open to learners from several streams , and being a one year course, efforts have been made to make the course broad based by including

some of the basic principles of management and commerce, keeping in view the needs of the diverse class of learners.

- b) **Detailed Syllabus**: Enclosure I .
- c) **Duration of the Program**: This programme is/shall be of one year duration and is divided into two semester viz. 1st and 2nd semester examinations. A Learner will get maximum 2 years to complete the course.
- d) **Instructional Delivery Mechanism**: The programme is/will be delivered in 2 (two) semesters having 3(three) course/paper in each semesters. The learners will be provided with the printed SLM which covers almost all the contents in the syllabus (*Enclosure-III*). Counselling class will be held in headquarter and various affiliated study centres. Telephonic Counseling and providing online learning resource will also be a part of instructional Delivery mechanism. The progress of the learners will be evaluated by Internal Assessment and Term end/semester end exam.
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Curriculum transaction- Activity Planner: Enclosure II

Evaluation- Each course/paper shall carry 100% weightage for the term-end examinations In order to pass/clear a course/paper in a subject, a candidate must secure minimum 35% Marks in each course/paper. All examinations are conducted by the Controller of Examinations as per Examination Rules and Regulations of the Gauhati University .

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- 8. Estimated cost of the Programme:** total estimated cost of the programme is approximately Rs. 15 Lakhs annually which includes preparation and printing of SLMs, remuneration of the Resource persons, establishment cost and overheads. The estimate is evaluated considering the unit expenses of Rs.2.5 Lakhs per paper /1000 students for the entire duration of two years.
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Course Benchmark Statement: Please refer to para 4 above. Further, learners will be equipped for professional competence and employability.

ENCLOSURE-I

SYLLABUS OF PGDSMM

POST GRADUATE DIPLOMA IN SALES AND MARKETING MANAGEMENT (PGDSMM) – 1 YEAR DURATION

TITLE OF PAPERS :

SMM 01 : Principles of Management & Organizational Behaviour.

SMM 02 : International Marketing.

SMM 03 : Marketing and Sales Management.

SMM 04 : Promotion & Advertising Management.

SMM 05 : Consumer Behaviour and Marketing Research.

SMM 06 : Industrial and Services Marketing.

SMM 01 :

Principles of Management & Organizational Behaviour

UNIT 1

Evolution of Management & Organizational Theory.
Scientific Management School, Classical Organization Theory,
Behavioural School,
Management Science School, Systems Approach, Contingency
Approach.

UNIT 2

Functions of a Manager–Planning, Organizing, Coordinating &
Controlling.

UNIT 3

Motivation, Leadership, Communication–Theories of Motivation,
Theories of Leadership, Importance of Communications,
Communication Problems, Communication Effectiveness.

UNIT 4

Individual Processes in Organizations Perception, Attitudes and Personality. Factors that affect them. How they influence people.

UNIT 5

Group Processes in Organizations Groups, Group formation, Group Effectiveness, Group conflict.

UNIT 6

Organization Design, Organization Change, and Organization Development.

Reference Books :

1. Management by James Stoner R E Freeman and Gilbert D, Prentice Hall 6th edition.
2. Organizational Behaviour by Stephen Robbins, Prentice Hall
3. Organizational Behaviour by S S Khanka, S. Chand & Co.

SMM 02

International Marketing

UNIT 1

International Marketing- importance, growth and benefits. International market place-size, major participants-International corporations, multinational Banks and insurers, trading companies, implication of international marketing management.

UNIT 2

International trading framework, GATT, Balance of payment, IMF, aid for development.

UNIT 3

Opportunities in Developed countries-North America and Western Europe, Japan, Australia, Middle East and China.

UNIT 4

International Marketing- strategy-strategy formulation, method of

entry, ownership and contractual agreements

UNIT 5

International product policy, product positioning in foreign market, product standardisation and adaption, Brands, Trademarks, Warranties, Service and packaging

UNIT 6

International product promotion policy, International advertising standardisation, international sales force and their management.

UNIT 7

Overseas marketing channel policy and physical distribution and its management.

UNIT 8

International product pricing policy and issues in international marketing, Future of international marketing.

Reference Books :

1. Kripalani V. K , International Marketing.
2. Varshney R.L and B Bhattacharyya, International marketing management.

SMM 03

Marketing & Sales Management :

UNIT 1

Marketing Concept- Defining Marketing, Core Marketing Concept : Production Concept, Product concept, Selling Concept, Marketing Concept, and Marketing Mix concept

UNIT 2

Analysing Consumer Markets & Buyer Behaviour
Major factors influencing buyer behaviour: cultural factors, social factors, personal factors, and psychological factors, Buying Decision Process : stages Market Segmentation, Basis for segmentation,

Family Life cycle.

UNIT 3

Product Policy- Product and service differentiation, Product concept, Product levels, Product Hierarchy, Product classification, New Product Development process, Product Life cycle, Product adoption & diffusion process, Product Mix decisions, Branding.

UNIT 4

Price Policy-Pricing Objectives, Selecting pricing methods, adapting price to the market needs, Price wars.

UNIT 5

Promotion Policy-Need for promotion, promotion techniques.

UNIT 6

Channel & Distribution Policy-Channel structure, channel decisions, Wholesaling, Retailing, Physical distribution decisions, Transport modes available in India with its merits and demerits.

UNIT 7

Sales Management -Selling function - Personnel Selling - Locating prospects, building prospect list - Pre - call planning, Sales Approach - Customer Needs Analysis - Sales Presentation - Handling Customer Objections - Closing Sales - Follow - up action, Territory Management, Sales Ethics, Sales Forecasting, Recruitment Training, Sales People, Compensation for Sales People, Evaluating sales force performance.

Reference Books :

1. Marketing Management by Philip Kotler, 8th Edition, PHI
2. Sales Management by Vaswas Das Gupta, PHI
3. Selling - Principles & Practices by Fredrick Russel, Frank Bensch and Richard Brskirk, McGraw Hill

SMM 04

Promotion & Advertising Management

UNIT 1

Introduction to the Field of Advertising Management
The Advertiser - Perspectives on Advertising - Planning Framework for Advertising Planning And Decision Making - Market Structure Analysis - Communication.

UNIT 2

Setting Advertising Objective-Importance Of Advertising Objectives - DAGMAR - Contributions of DAGMAR - Challenges to DAGMAR - DAGMAR Model 2 - Positioning Strategies for Image and Competitive Position - Determining the Position Strategy.

UNIT 3

The Advertising Communication Process-A Model Of the Advertising Communication System - Perception Process - The Persuasion Matrix - Source Factors - Message Factors - Cognitive Consistency, Conflict and Attitude Change - Low Involvement - Learning and Consumer Information Processing.

UNIT 4

Copy Decisions-Copy Alternatives and Creative Styles - Creative Approaches and Styles - The Creation and Production Process - Rational For Copy Testing - Selection Copy Tests.

UNIT 5

Media Decisions and Strategy-The Importance of Media Strategy - Parameters of the Media plan - The Concept of Primary and Secondary Media - Concept of Effective Frequency in Media Scheduling - The Purchase Cycle - Estimation of Minimum Effective Frequency - Geographic Advertising Research And Evaluation.

UNIT 6

The Social And Economic Effects Of Advertising
Structuring of the Issues in Advertising - Nature and Content Of Advertising - Effect of Value and Lifestyles - Economic Effects

Of Advertising – Advertising Competition.

Reference Books :

1. James S. Norris : 'Advertising' – Prentice Hall India, New Delhi
2. C.H. Sarilage, Vernon Pryburger, Kim Rotzoll : 'Advertising Theory & Practice' – All India Travellers Book Seller, Delhi – 51
3. Frank Jefkins : 'Advertising Made Simple' – Rupa & co
4. Rossiter & Percy : 'Advertising and Promotion Management' – Mc Graw Hill
5. A.R. Faridi : 'The Language of Advertising and T.V. Commercial' – Prentice Hall of India Pvt Ltd, Delhi – 1

SMM05

Consumer Behaviour And Marketing Research

UNIT 1

An Introduction to Consumer Behaviour – Consumer Behaviour as a Marketing Discipline – Consumer Behaviour Principles in Strategic Marketing – Buying Decision Process – Need Recognition – Information Search – Evaluation of Alternatives – Purchase Decision – Past Purchase Behaviour – Consumer Behaviour Models.

UNIT 2

Cultural Social Factors Of Consumer Behaviour
Buyers Black Box – Cultural Factors – Culture – Sub culture – Social Class – Social Factors – Reference Groups – Family – Roles and Stresses.

UNIT 3

Personal and Psychological Factors of Consumer Behaviour – Personal Factors – Age and Life Cycle Stage – Occupation – Economic Circumstances – Life Style – Personality and Self Concept – Psychological Factors – Motivation – Perception – Learning – Attitudes.

UNIT 4

Diffusion of Innovations – The Diffusion Process – Innovation – Product Characteristics that Influence Diffuses – channels of Communication – The Adoption Process – Stages – Limitation – Innovation Decision Process – Profile of the Consumer Innovator.

UNIT 5

Introduction to Marketing Research – Conceptual Framework – Nature, Scope and Importance of Marketing Research – Market Research Vs Marketing Research – Marketing Research Process.

UNIT 6

Sampling Techniques – Methods Of Sampling – Probability Sampling – Random – Stratified – Cluster – Systematic – Non – Probability Sampling Convenience – Quota – Judgment – Sampling Errors. Collection, Analysis And Interpretation of Data
Data Collection Methods – Questionnaire and Interview Schedule – Primary and Secondary Data – Data Processing – Data Analysis – Statistical Tools For Marketing Research – Chi – Square Analysis – Correlation – Regression – Data Interpretation – Report Writing. Application of Marketing Research.
Product Research – Advertising Research – Motivation Research.

Reference Books :

1. Schiffman & Lazer : Consumer Behaviour
2. Philip Kotler : Marketing Management
3. Kumar & Taylor : Marketing Research
4. Ramaswamy & Majumdar: Marketing Research
5. Dr. D.D. Sarma : Marketing Research

SMM 06

Industrial and Services Marketing :

UNIT 1

Industrial Marketing – An Overview – Introduction to Industrial Marketing – Industrial Marketing System and Concepts – Industrial Buyer Behaviour: Characteristics, Motives, Purchasing Systems.

UNIT 2

Identifying Market Opportunities–Market Opportunities – Types of Markets – Demand in Industrial Markets Classification of Industrial Products and Services, Product Line, Planning, New Product Development and Introduction – Product Positioning – Pricing Decisions.

UNIT 3

Formulation of channel Strategies and Development of Marketing Strategies–Formulating Channel Strategies and physical Distribution Decisions – Promotion – Personal Selling – Publicity – Industrial Marketing Communications – Importance given to Different Promotional Tools in Industrial marketing and Consumer marketing – Developing Marketing Strategies for Industrial Products/Services.

UNIT 4

Understanding Services Marketing–Introduction – Growth in Services and its Importance, Differences in Goods and Services – Characteristics of Services, Challenges in Marketing Services, Nature and Classification of Services, Service Quality – Gap Model, customer Perception and Expectation, consumer Behaviour, Understanding Customers through Marketing Research, Building Customer Relationships – Segmentation and Retention Strategies.

UNIT 5

The Marketing - Mix in Services–Product in Services – Service Design and Positioning, New Service Development, Pricing Approaches, Promotion – Role of Advertising, Personal Selling and Other Communications, Place – Service Location and Channel, People in Service, Process and Physical Evidence.

UNIT 6

Marketing Challenges and Effort–Managing Demand and Supply – Strategies for matching demand and supply, Service Recovery, Marketing Effort in some Services Sectors – Airlines, Hotels, Banks, Hospitals, Travel & Tourism.

Reference Books :

1. Richard M. Hill, Ralph S. Alexander and James S. Cross : Industrial Marketing, Traveler Book Seller Publisher & Distributors.
2. Corey : Industrial Marketing, PHI Publication.
3. Mary J. Bitner and Valerie Zeithaml : Service Marketing, Tata – McGraw.
4. Ravisankar : Service Marketing.



Enclosure: II (Academic Planner)

ACADEMIC CALENDAR
Gauhati University Institute of Distance and Open Learning
Guwahati- 781014, Assam

ADMISSION			
SEMESTER (TRADITIONAL PROGRAMME)			
A	1	Fresh	July-September
	2	Continuation	July-September
SEMESTER (IT PROGRAMMES)			
B	1	Fresh	July-September
	2	Continuation	Odd Semester (July-September)
			Even Semester (January-February)
ADMISSION TEST FOR M.Sc. IT PROGRAMME			
C	August		
ANNUAL PROGRAMMES			
D	1	Fresh	July-September
	2	Continuation	July-September
DISTRIBUTION OF SLM			
SEMESTER/ANNUAL (TRADITIONAL PROGRAMMES)			
A	1	Fresh	July-October
	2	Continuation	July-October
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	July-October
	2	Even Semester	Jan-March
CONTACT CLASSES			
SEMESTER (TRADITIONAL PROGRAMMES)			
A	1	Odd Semester	September-December
	2	Even Semester	March-June
SEMESTER (IT PROGRAMMES)			
B	1	Odd Semester	September-December
	2	Even Semester	March-June
ANNUAL PROGRAMME			
C	1	Previous	December-May
	2	Final	December-May
EXAMINATION : TERM END			
SEMESTER (TRADITIONAL/IT)			
A	1	Previous	July-August (All Sundays)
	2	Final	July-August (All Sundays)
ANNUAL			
August-September (All Sundays)			
B	<i>Schedule may change as per directive of the controller of Examination, GU/Govt. of Assam</i>		

EXAMINATION: Sessional (OMR based Internal Examination)			
A	SEMESTER (TRADITIOAN/IT)		
	1	Odd Semester	November
	2	Even Semester	May
ANNUAL			
January			
DECLARATION OF RESULT (Term End)			
SEMESTER (TRADITIONAL/IT)			
A	1	Odd Semester	May-June
	2	Even Semester	November-December
B	ANNUAL		
	Januray		

ENCLOSURE-III
SLM covering syllabus

First Semester	
SMM01	Principle of Management and Organizational Behaviour
SMM02	International Marketing
SMM03	Marketing and Sales Management
Second Semester	
SMM04	Promotion and Advertising Management
SMM05	Consumer Behaviour and Marketing Research
SMM06	Industrial and Service Marketing