

Major Course in Computer Science at TDC(Science) Level

Eligibility: Higher Secondary (Science) pass with Mathematics as one of the subjects at the Higher Secondary level securing minimum pass mark in the subject.

A student taking major in Computer Science must have Mathematics and one of the subjects Physics/Electronics/Statistics as general course at TDS(Sc) level.

(Course break-up)

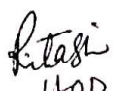
Semester - 1

Paper Code	Paper Name / Topics	Marks	Classes / week	Credit
M101	Introduction to Computer Fundamentals and Programming	75 marks (Internal 15 marks)	6 (5 lectures + 1 tutorial)	6
M102	Basic Electronics	75 marks (Internal 15 marks)	6	6
M103	Practical Programming in C Basic Electronics -	Total 50 marks 30 marks (Internal - 6 marks) 20 marks (internal 4 marks)	4 laboratory sessions	4

Semester - 2

Paper Code	Paper Name/Topics	Marks	Classes / week	Credit
M201	ICT Hardware	75 marks (Internal 15 marks)	6 (5 lectures + 1 tutorial)	6
M202	Discrete Mathematics	75 marks (Internal 15 marks)	6 (5 lectures + 1 tutorial)	6
M203	Practical ICT Hardware	50 marks (Internal 10 marks)	4 laboratory sessions	4


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Maligaon, Guwahati-11


HOD Computer Science

M605 PROJECT

Total Marks: 150 (Internal 30)

Each student will be assigned some project work at the starting of the sixth semester. The objective of the project is to train the student to independently search, identify and study real-life important topics in CS/IT; to develop skills among students in a particular field of CS/IT; and to expose students to the world of technology, innovation, and research. Each student (or group of at most 2 students) is expected to take a unique problem under the guidance/supervision of a faculty member of the department. The problem should be such that the students get a chance to explore one or two technologies in depth and grab good command over those technologies after successful completion of the project. Repetition of the problems already attempted by students of the previous years should not be encouraged unless the problem has exceptionally great research importance and scope. Application problems, if found interesting and arisen at the demand of a particular situation, may also be assigned; but typical information management systems with just two or three simple database tables and/or data-entry forms are to be discouraged. The project may be done in other Institutes/Organizations with prior permission from the concerned department of the College and in this case also one project supervisor should have to be from the concerned department in the College. The work will have to be submitted in the form of a dissertation. Project presentation and evaluation will have to be done as per the regulation of TDC for semester system of G.U. with choice based credit and grading system.


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I. C. Bharali College
Maligaon, Guwahati-781011





**B.C.A
(BACHELOR OF COMPUTER APPLICATION)**

GAUHATI UNIVERSITY

**REVISED PROGRAM STRUCTURE AND DETAILED CURRICULUM
IN THE L-T-P-C FORMAT**

YEAR 2015

Ally
Principal
I. C. Bharali College
Maligaon, Guwahati-11

Rita
HOD Computer Sc

BCA 4.4 MINOR PROJECT
(100 Marks)

Students will have to develop a mini project. Students may be divided into groups, each group containing not more than two students. The project topics will have to be approved by a committee constituted by the HOD of the concerned department. The committee will perform continuous monitoring of the projects by holding presentations on monthly basis. Final evaluation of 100 marks will be done in the department in the presence of an external examiner to be appointed by the Controller of Examinations, G.U.

Ritika
Computer Sc

M.
Principal
S. C. Bharali College
Nalgaon, Guwahati-11

SYLLABUS FOR T.D.C. MAJOR COURSE IN PHILOSOPHY
PROPOSED BY C.C.S. PHILOSOPHY IN ITS MEETING HELD ON 4.12.2009

NO. & NAME OF THE PAPER - TOPICS (UNIT WISE) MARKS (UNITWISE)

FIRST YEAR

FIRST SEMESTER

M. 104.	LOGIC I	Full Marks 100
	i. Nature of Logic: Argument and Argument Form, Truth and Validity	20
	ii. Logical Constants, Propositional Variables, Truth-function, Truth-table Method	30
	iii. Proposition, Modern Classification of Propositions	20
	iv. the concept of set, operations on sets – union, intersection and difference	30

M. 105.	EPISTEMOLOGY AND METAPHYSICS I	Full Marks 100
	i. Nature & Scope of Philosophy	20
	ii. Knowledge by Acquaintance & Knowledge by Description	20
	iii. Realism – Naïve and Scientific	30
	iv. Idealism – Subjective (Berkeley), Objective (Hegel)	30

(Signature)
21.01.2022

(Signature)
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I. C. Bharali College
Maligaon, Guwahati-11

M.603 CONTEMPORARY WESTERN PHILOSOPHY II**Full Marks 75**

- | | |
|--|----|
| i. Common Features of Existentialism | 15 |
| ii. Kierkegaard: Three Stages of Existential Transformation,
Subjectivity and Truth | 15 |
| iii. Nietzsche: Nihilism, Superman | 15 |
| iv. Husserl: Phenomenology – General Introduction | 15 |
| v. Sartre: Existence and Essence, Freedom | 15 |

M.604. ETHICS II**Full Marks 75**

- | | |
|---|----|
| i. Deontological Ethics: Kant's Categorical Imperative,
The Gita theory of Niskama Karma | 20 |
| ii. Moore: Indefinability of Good | 15 |
| iii. A. J. Ayer: Emotivism | 15 |
| iv. Theories of Punishment | 10 |
| v. The Law of Karma | 15 |

M.605. PHILOSOPHY OF RELIGION II**Full Marks 75**

- | | |
|--|----|
| i. Otto's Idea of the Holy | 15 |
| ii. Symbolic Nature of Religious Language | 15 |
| iii. Arguments for the Existence of God | 25 |
| iv. Sankaradeva's Vaishnavism: God, Bhakti | 20 |

M.606. PROJECT/ DISSERTATION**Full Marks 75**

The Project will be in the form of a brief dissertation of the length between 10,000 – 12,000 words (typed or neatly hand-written). It may be either on a particular philosopher or on a particular topic relevant to the course. The same is to be carried out under the guidance of a teacher

Given below are some topics as examples:

- | | |
|------|--|
| i. | The Concept of Human Rights – A philosophical Analysis |
| ii. | Women's Liberation |
| iii. | A Critical Account of Samkara's Philosophy |
| iv. | Philosophical Ideas of Sankaradeva |
| v. | Cartesian Dualism – A Critical Account |
| vi. | Existentialism – A Critical Study |

A
21.01.2022

M.
Principal
C. Bharali College
Maligaon, Guwahati-11



BSc in Electronics under Gauhati University

Duration – 3 Years Full Time

**Revised Programme Structure and
Detailed Curriculum as per L-T-P-C format**

2010


Principal
I. C. Dharali College
Maligaon, Guwahati-11



Course Code	Subject	Marks	L	T	P	C
EC M606	Project Phase II	75	0	2	4	6

Students individually or two at the most will carry out a detail study on a topic and implement a related system. The study must include literature survey, similar work done previously, proposed work, modifications to be included, applications etc. A report is to be prepared and submitted under the guidance of a supervisor. The report should contain design, implementation and experimental details. The topics involved in the work should be related to the courses undertaken by the student till this portion of progression under the programme and have contemporary relevance. The phase II involves the complete design of the work and the preparation of the report in continuation of the work carried out in the previous semester. The work must be defended through a presentation in front of a panel constituted by internal and external examiners.

GUIDELINES FOR PROJECT Work

At the beginning of the semester, the HoD must assign the supervision of project works to the faculty members after obtaining mutual consent between the respective supervisors and the students. It is the responsibility of the student to approach a faculty member with a request to offer him / her a project work. The student must inform the HoD about this communication.

Sufficient time should be allowed for satisfactory completion of reports, taking into account that initial drafts should be critiqued by the faculty guide and corrected by the student at each stage. The File is the principal means by which the work carried out will be assessed and therefore great care should be taken in its preparation.

In general, the File should be comprehensive and include:

- A short account of the activities that were undertaken as part of the project;
- A statement about the extent to which the project has achieved its stated goals.
- A statement about the outcomes of the evaluation and dissemination processes engaged in as part of the project;
- Any activities planned but not yet completed as part of the project, or as a future initiative directly resulting
- from the project;



- Any problems that have arisen that may be useful to document for future reference.

Report Layout

The report should contain the following components:

1. **Title or Cover Page.** The title page should contain the following information: Project Title; Student's Name; Course; Year; Supervisor's Name.
2. **Acknowledgements** (optional)-Acknowledgment to any advisory or financial assistance received in the course of work may be given.
3. **Abstract-** A good "Abstract" should be straight to the point; not too descriptive but fully informative. First paragraph should state what was accomplished with regard to the objectives. The abstract does not have to be an entire summary of the project, but rather a concise summary of the scope and results of the project
4. **Table of Contents-** Titles and subtitles are to correspond exactly with those in the text.
5. **Introduction-** Here a brief introduction to the problem that is central to the project and an outline of the structure of the rest of the report should be provided. The introduction should aim to catch the imagination of the reader, so excessive details should be avoided.
6. **Present Work and Methods-** This section should aim at experimental designs, materials used. Methodology should be mentioned in details including modifications if any.
7. **Results and Discussion-** Present results, discuss and compare these with those from other workers, etc. In writing these section, emphasis should be given on what has been performed and achieved in the course of the work, rather than discuss in detail what is readily available in text books. Avoid abrupt changes in contents from section to section and maintain a lucid flow throughout the thesis. An opening and closing paragraph in every chapter could be included to aid in smooth flow. Note that in writing the various sections, all figures and tables should as far as possible be next to the associated text, in the same orientation as the main text, numbered, and given appropriate titles or captions. All major equations should also be numbered and unless it is really necessary never write in "point" form.
8. **Conclusion-** A conclusion should be the final section in which the outcome of the work is mentioned briefly.



9. Future prospects

10. **Appendices-** The Appendix contains material which is of interest to the reader but not an integral part of the thesis and any problem that have arisen that may be useful to document for future reference.

11. References / Bibliography

Stress should be given on latex based report generation.

ASSESSMENT OF THE PROJECT

Essentially, marking will be based on the following criteria: the quality of the report, the technical merit of the project and the project execution. Technical merit attempts to assess the quality and depth of the intellectual efforts put into the project. Project execution is concerned with assessing how much work has been put in.

The work must be defended through a presentation in front of a panel constituted for the purpose. The panel should be constituted for the evaluation of the reports submitted by the students as part of the project works with the HoD as the chairperson, one internal and an external examiner (locally arranged) and the supervisor. The report must be submitted atleast two days before the scheduled date of presentation and checked and signed by the supervisor. The report must have a declaration of authenticity by the student and a certificate of execution and completion of the work given by the supervisor. Any report without the signature of the supervisor cannot be considered for evaluation.

Evaluation:

Dissertation / report: 30%;

Work: 40%;

Presentation / Viva Voce: 30%;


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Maligaon, Guwahati-11



B.Sc IT

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IN THE L-T-P-C FORMAT

YEAR 2014


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U. C. Bharali College
Maligaon, Guwahati-11


HOD Computer Sc

6.3 PRACTICAL

Total Marks:50 (Internal mark 10, semester end examination 40)

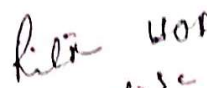
At least 15 practical assignments covering paper 6.1 should be done by the students from the list prepared the UG Committee of Courses and Studies in Computer Science. The assignments are to be selected in such a way that the whole course is covered.

6.4 PROJECT WORK

Total marks: 150(Internal assessment - 30)

Each student will be assigned some project work at the starting of the sixth semester. The objective of the project is to train the student to independently search, identify and study real-life important topics in CS/IT; to develop skills among students in a particular field of CS/IT; and to expose students to the world of technology, innovation, and research. Each student (or group of at most 2 students) is expected to take a unique problem under the guidance/supervision of a faculty member of the department. The problem should be such that the students get a chance to explore one or two technologies in depth and grab good command over those technologies after successful completion of the project. Repetition of the problems already attempted by students of the previous years should not be encouraged unless the problem has exceptionally great research importance and scope. Application problems, if found interesting and arisen at the demand of a particular situation, may also be assigned; but typical information management systems with just two or three simple database tables and/or data-entry forms are to be discouraged. The project may be done in other Institutes/Organizations with prior permission from the concerned department of the College and in this case also one project supervisor should have to be from the concerned department in the College. The work will have to be submitted in the form of a dissertation. Project presentation and evaluation will have to be done as per the regulation of TDC for semester system of G.U. with choice based credit and grading system.


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I. C. Bhanu College
Maligaon, Guwahati-11


Head of Department
Computer Science

T.D.C.PROGRAMME IN HISTORY UNDER SEMESTER SYSTEM

MAJOR COURSE

FIRST SEMESTER

Paper No.

- 101 Introduction to History
102 History of India (up to A. D. 300)

SECOND SEMESTER

- 203 History of India (300-1200 A. D.)
204 History of Ancient Civilizations of the World

THIRD SEMESTER

- 305 India under the Turko-Afghans
306 History of Assam (5th Century A. D. to 1228)

FOURTH SEMESTER

- 407 India Under the Mughals
408 History of Europe (1453-1789)

FIFTH SEMESTER

- 509 India under the East India Company
510 History of Assam (1228-1826)
511 History of Europe (1789-1870)
512 History of Science and Technology in Pre-Colonial India
513 History of Great Britain (1485-1820)
514 History of China (1839-1949)

SIXTH SEMESTER

- 615 India under the Crown
616 History of Assam (1826-1947)
617 History of Europe (1871-1945)
618 World since 1945
619 History of Japan (1853-1941)
620 Project → Marks - 75 (60+15) credit - 6(5+1).

AK
Principal
L.C. Bherali College
Maligaon, Guwahati-11

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Mamoni Larma
Hod, Dept of History
20/01/22, LCB College, Maligaon-4

GUIDELINES OF SYLLABUS FOR TDC IN HISTORY UNDER SEMESTER SYSTEM

1. The Under-Graduate course in History is of six semesters covering three calendar years.
2. There are a total of 20 courses in Major and 10 courses in General in the six semesters. The 1st, 2nd, 3rd & 4th Semester courses of Major are of 100 marks, 5th & 6th Semester courses are of 75 marks [Total marks: 1700 (100 X 8) = 800 + (75 X 12) = 900] In General course, 1st & 2nd Semester courses are of 75 marks each, 3rd & 4th semester courses of 50 marks each and 5th & 6th semester courses of 100 marks each.
3. There will be continuous assessment of students throughout the semester. The evaluation of the performance of the students will be based on both internal and external examinations. The internal examination will cover 20% of the marks and the remaining 80% will be covered by the external examination.
4. There are 8 credits per course of 100 marks each, 6 credits for 75 marks each and 4 credits for 50 marks each.
5. Each course of 100 & 75 & 50 marks will have 2 & 1 & 1 credit respectively, earmarked for internal assessment and the remaining credits for external examination.
6. The internal assessment of each course, of Major & General, of 100/75/50 (other than the Academic Project mentioned below) will be evaluated on the basis of the following components:

Unit Test:

- There will be two unit tests of 12 /10/10 marks each. The average of the two will be counted.

Assignment:

- There will be a Home Assignment of 8 /5 marks.


In courses of 50 marks each students shall be assessed on the basis of unit test only, and there shall be no home assignment

The answer scripts and marks will be submitted to the Head of the Department of History of the concerned college for onward transmission to the University.

7. As per the UGC guidelines, a minimum of 75% attendance is required for appearing in any semester examination.

ACADEMIC PROJECT

- The subject matter of the Project/ Projects will be selected by the Department of the respective colleges
- The themes could be of national, regional or local interest relating to the discipline of History
- The Project Report must be between 4000 and 5000 words
- The Report should be neatly typed in double space and in A-4 size paper, 12 font, Times New



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C. Bharali College
Maligaon, Guwahati-11

Moumou Sama 3
Dept of History
LCB College

Roman

- The students must be informed about the themes of the Project by the beginning of the Sixth semester.
- The Report should include names of reference books and other sources consulted.
- It must be submitted on a date to be fixed by the Department of the respective colleges.
- The component of the Internal Evaluation will include 10 (ten) marks for presentation of the Report and 5 marks for a *viva-voce* examination.
- The *viva voce* examination will be conducted by a Board of at least 3 members. Members of the Board will comprise of the teachers of the Department of the college and may include teachers from the History faculty of other colleges.

* * * * *


Principal
L.C. Bharali College
Maligaon, Guwahati-11

Moumita Sarma
Dept of History
L.C.B. College

GAUHATI UNIVERSITY
GUWAHATI - 14

NOTIFICATION

No. GU/M/ACR/F. Arts/2014/06

As per recommendation of the CCS, UG, Bengali, decision of the Faculty of Arts in its meeting held on 2-1-2014 and subsequent approval by the Honourable Vice-Chancellor, Gauhati University, dt. 24-1-2014 there will be minor modification in the syllabus of TDC Bengali, details enclosed, which will come into force with immediate effect.

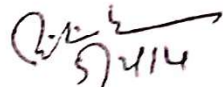
This is for information and necessary action of all concerned.

Sd/-
Academic Registrar,
Gauhati University.

Memo No. GU/M/ACR/F. Arts/2014/ 657-701
Copy forwarded for information and necessary action to:

Date: 05/02/2014

1. The Controller of Examinations, G. U.
2. The Head of the Deptt. of Bengali, G. U.
3. All Principals of Affiliated Colleges.
4. University Website.
5. Office file.


Academic Registrar,
Gauhati University.


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- কবিতা ও কাব্য – মধুসূদন দত্ত, বিহারীলাল, রবীন্দ্রনাথ, জীবনানন্দ দাশ।
- নাটক – মধুসূদন দত্ত, দীনবন্ধু মিত্র, বিজ্ঞেন্দ্রলাল, রবীন্দ্রনাথ।
- উপন্যাস – বঙ্কিমচন্দ্র চট্টোপাধ্যায়, রবীন্দ্রনাথ, শরৎচন্দ্র চট্টোপাধ্যায়, তারশঙ্কর বন্দ্যোপাধ্যায়।

■ টীকা – শ্রীরামপুর মিশন, ঈশ্বরচন্দ্র গুপ্ত, কুলীনকুলসর্বস্ব, রমেশচন্দ্র দত্ত, তত্ত্ববোধিনী, বঙ্গদর্শন, গিরিশচন্দ্র ঘোষ, সবুজপত্র, কল্লোল, হতোম প্যাঁচার নকশা, জ্যোতিরিন্দ্রনাথ ঠাকুর, অক্ষয়কুমার দত্ত, প্যারীচাঁদ মিত্র, রঙ্গলাল বন্দ্যোপাধ্যায়, ক্ষীরোদপ্রসাদ বিদ্যাবিনোদ, নবীনচন্দ্র সেন, বৃহসংহর, স্বপ্নপ্রয়াণ, হিন্দুমেলো, স্বর্ণকুমারীদেবী, সত্যেন্দ্রনাথ দত্ত, প্রভাত কুমার মুখোপাধ্যায়, পথের পাঁচালি, পদ্মানদীর মাঝি, সুকুমার রায়, জসীম উদ্দিন, মীর মশাররফ হোসেন, সতীনাথ ভাদুড়ী, আশাপূর্ণা দেবী, তিতাস একটি নদীর নাম।

7. 6th Sem Paper 604, 605 and 606 are revised as follows:
“Paper: BEN|M| 6.4

■ প্রতিবেশী সাহিত্য –

- ক) ‘কারেঞ্জর লিগিরি’ (অসমিয়া নাটক) – জ্যোতিপ্রসাদ আগরওয়াল।
- খ) উনিশ বিবা দুই কাঠা- মৈত্রেী গুরু, সাহিত্য অকাদেমি প্রকাশনা।
(মূল ওড়িয়া উপন্যাস- ফকিরমোহন সেনাপতি রচিত ‘ছ মণ আঠা গুঠ’)

Paper: BEN|M| 6.5

■ অসমের বাংলা সাহিত্য –

- ক) ‘গুণধরের অসুখ’ (নাটক) – প্রদ্যোৎ চক্রবর্তী। বাংলা সাহিত্য সংস্কৃতি সমাজ, (গুয়াহাটি) প্রকাশনা।
- খ) হরানো দিন হরানো মনুষ (১ম খণ্ড) – সৃজিত চৌধুরী।
প্রকাশক- সোমেশ দাস, করিমগঞ্জ (২০০৫) নির্বাচিত পাঠ – ১-৬ এবং ১০-১৩ পর্ব।

Paper: BEN|M| 6.6

■ সাহিত্য শব্দ লিখন -- বিষয় – বিশ শতকের যে-কোনো একজন বাঙালি

সাহিত্যিকের ক) গল্প, খ) উপন্যাস বা গ) কবিতা – এই তিনটি বিভাগের মধ্যে যে-কোনো একটিকে বেছে নিয়ে ২৫০০ থেকে ৩০০০ শব্দসংখ্যার মধ্যে সীমিত একটি আলোচনা পত্র (প্রকল্প) রচনা করতে হবে।”

(Signature)
05/12/13

(Signature)
Principal
I. C. Bharali College
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REVISED PROGRAM STRUCTURE AND DETAILED CURRICULUM

IN THE L-T-P-C FORMAT

YEAR 2014

AK
Principal
I. G. Bharali College
Malgoun, Guwahati-11

R. K. J.
HOD Computer Sc

6.3 PRACTICAL

Total Marks:50 (Internal mark 10, semester end examination 40)

At least 15 practical assignments covering paper 6.1 should be done by the students from the list prepared the UG Committee of Courses and Studies in Computer Science. The assignments are to be selected in such a way that the whole course is covered.

6.4 PROJECT WORK

Total marks: 150(Internal assessment - 30)

Each student will be assigned some project work at the starting of the sixth semester. The objective of the project is to train the student to independently search, identify and study real-life important topics in CS/IT; to develop skills among students in a particular field of CS/IT; and to expose students to the world of technology, innovation, and research. Each student (or group of at most 2 students) is expected to take a unique problem under the guidance/supervision of a faculty member of the department. The problem should be such that the students get a chance to explore one or two technologies in depth and grab good command over those technologies after successful completion of the project. Repetition of the problems already attempted by students of the previous years should not be encouraged unless the problem has exceptionally great research importance and scope. Application problems, if found interesting and arisen at the demand of a particular situation, may also be assigned; but typical information management systems with just two or three simple database tables and/or data-entry forms are to be discouraged. The project may be done in other Institutes/Organizations with prior permission from the concerned department of the College and in this case also one project supervisor should have to be from the concerned department in the College. The work will have to be submitted in the form of a dissertation. Project presentation and evaluation will have to be done as per the regulation of TDC for semester system of G.U. with choice based credit and grading system.


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HOD Computer Science

Gauhati University

Post Graduate Diploma in Computer Application

Preferably students having Mathematics at the Higher Secondary level and obtaining minimum pass mark in the subject be admitted to the course OR a special bridge course may be designed by the Colleges for students not having Mathematics at the Higher Secondary level.

Number of hours/day - 4 hours

Number of days/week - 4 days

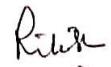
Semester I

Sl No.	Subject Code	Name of the Subject	Hours		Marks(%)	
			Theory	Practical	Theory	Practical
1	PGDCAP1	ICT Hardware	25	36	50	50
2	PGDCAP2	Programming in C	30	32	70	30
3	PGDCAP3	Overview of Operating System (DOS, Windows, UNIX / Linux and Shell Programming)	16	38	30	70
4	PGDCAP4	Introduction to Office Automation	12	50	20	80
5	PGDCAP5	Database Management System	36	26	70	30

Semester II

Sl. No.	Subject Code	Name of the Subject	Hours		Marks(%)	
			Theory	Practical	Theory	Practical
1	PGDCAP6	Data Structure through C language	36	20	70	30
2	PGDCAP7	Internet and Web Technology	25	30	50	50
3	PGDCAEL1	GUI Application Programming	25	30	50	50
	PGDCAEL2	Computer Oriented Numerical Methods	36	20	70	30
	PGDCAEL3	Computer Graphics	36	20	70	30
	PGDCAEL4	Object Oriented Programming with C++	36	20	70	30
4		Project	100 marks			


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 HOD Computer Science

SYLLABUS : EDUCATION
THREE YEAR DEGREE COURSE (TDC)
MAJOR AND GENERAL
SEMESTER SYSTEM (Credit Based)
EFFECTIVE FROM 2011 - 2012
GAUHATI UNIVERSITY

COURSE STRUCTURE
TDC SYLLABUS FOR EDUCATION
(General Course)
W.E.F. August, 2011

Year	Semester	Paper	Title of the Paper	Marks	Class per Week	Credit
1st Year	1 st Semester	1.01	Foundation of Educational Theories and Principles	75	6	6
	2 nd Semester	2.01	Educational Psychology	75	6	6
2nd Year	3 rd Semester	3.01	Development of Education in India	100	8	8
	4 th Semester	4.01	Sociological Foundations of Education	100	8	8
3 rd Year	5 th Semester	5.01	Emerging Issues and Education	100	8	8
		5.02	Educational Measurement and Educational Statistics	100	8	8
	6 th Semester	6.01	Educational Technology	100	8	8
		6.02	Environmental and Population Education	100	8	8
Total	6	8		750		60


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Project Work
Paper: A/B (Elective-II)
(Major Course)

Each candidate is required to complete any one project related to any area of the syllabus to be evaluated by internal and external examiners jointly through viva voce test. The project work will have to be completed according to following —

- Identification of the problem/topic
- Formulating the objectives
- Review the relevant / related literature (if any)
- Writing the hypotheses (wherever possible)
- Field identification/scope and delimitations
- Nature of information / data required — their sources
- Collection and organization of data, analysis and drawing conclusion
- Reporting

Submitted by
Prof. Lutfun Rasul Salkia
Head Department of Education
and Chairman, CCS (Under Graduate)
Gauhati University
Date : 1st February, 2011


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GAUHATI UNIVERSITY

*Syllabus for T.D.C. (Semester)
in
Assamese*



2010

GAUHATI UNIVERSITY

Gopinath Bardoloi Nagar
Guwahati - 781 014
Assam : India

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L.C. Bharali College
Maligaon, Guwahati-11

ML
HERU Assam, SC
L.C.B. College
Maligaon Ghy-11

GAUHATI UNIVERSITY

Syllabus for T.D.C. (Semester)
in
Assamese



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L.C.B. College
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নবায়ণ দাস আৰু	
পৰমানন্দ বাজবংশী (সম্পাদিত)	: অসমীয়া সংস্কৃতি কোষ
অসম সাহিত্য সভা	: অসমীয়া জাতিৰ ইতিবৃত্ত
আপুছ ছাণ্ডাৰ	: সংমিশ্ৰণত অসমীয়া সংস্কৃতি
পৰমানন্দ বাজবংশী (সম্পাদিত)	: অসমীয়া জাতি আৰু সংস্কৃতি
পুতলী কায়স্থ (সম্পাদিত)	: অসমৰ বিভিন্ন জনগোষ্ঠীৰ বিবাহ পদ্ধতি
উপেন বাজা হাৰুচাম	: বৰ অসমৰ বৰ্ণিল সংস্কৃতি
	: অসমৰ জনজাতীয় সংস্কৃতি
অঞ্জলি মহন্ত বায়চৌধুৰী আৰু	
বসন্ত দলে (সম্পাদিত)	: অসমৰ জনগোষ্ঠী : এটি পৰিচয়
দ্বিজেন্দ্ৰ নাথ ভৰুত	: অসমৰ কোচ বাজবংশী জনজাতি
০০০ ০০০০	

দ্বিতীয় বৰ্ষ : চতুৰ্থ যাম্যাসিক

M-403 : ক্ষেত্ৰ অধ্যয়ন

মূল্যাংক : ৫০

এই কাকতখনৰ বাবে ছাত্ৰ-ছাত্ৰীয়ে বিভাগীয় শিক্ষকৰ তদ্বাৰধানত কোনো বিশেষ স্থান, জনগোষ্ঠী, উৎসব-পাৰ্বণ, লোকচাৰ, লোক-পৰিবেশ্য কলা, লোক-সাহিত্য, লোক ভাষা আদি যিকোনো এটা বিষয়ত ক্ষুদ্ৰ গবেষণা পত্ৰ প্ৰস্তুত কৰিব লাগিব। গবেষণা পত্ৰৰ কলেবৰ ৪০০০-৫০০০ শব্দৰ ভিতৰত হ'ব লাগিব।

তৃতীয় বৰ্ষ : পঞ্চম যাম্যাসিক

M-501 : প্ৰথম কাকত : পুৰণি অসমীয়া নাটক

মূল্যাংক : ৬০

প্ৰথম গোট	: শংকৰদেব : কাম্বিনী হৰণ নাট	—	১৫
দ্বিতীয় গোট	: মাধৱদেব : অৰ্জুন ভঞ্জন নাট	—	১৫
তৃতীয় গোট	: শ্ৰীৰাম আতা : সুভদ্রা হৰণ নাট	—	১৫
চতুৰ্থ গোট	: গোপালদেব : জন্মযাত্ৰা	—	১৫

- 14 -

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প্ৰসংগ পুৰি

কালিবাম মেধি	: অপ্ৰেৰকণী
বিবিষ্ণি কুমাৰ বৰুৱা	: অৰ্ধদীয়া নাট
সত্যেন্দ্ৰ নাথ শৰ্মা	: অসমীয়া নাট্য সাহিত্য
	: অপ্ৰেমালা
	: পৰম্পৰাগত প্ৰাচ্য নাট্যাভিনয়
হৰিশ্চন্দ্ৰ ভট্টাচাৰ্য	: অসমীয়া নাট্য সাহিত্যৰ দ্বি-লিঙ্গনি
শৈলেন ভবালী	: অসমীয়া লোকনাট্য পৰম্পৰা
বাম গোস্বামী	: অসমৰ লোক নাট
হৰিনাথ শৰ্মা দলৈ	: শংকৰদেবৰ সাহিত্য প্ৰতিভা
ভৱপ্ৰসাদ চলিহা (সম্পাদিত)	: মাধৱদেবৰ সাহিত্য
মঞ্জী গোস্বামী	: চিত্ৰ-প্ৰবাহ
পৰমানন্দ বাজবংশী (সম্পাদিত)	: অসমীয়া নাটক : পৰম্পৰা আৰু পৰিবৰ্তন
নবায়ণ দাস	: শংকৰী সাহিত্যৰ ভূমিকা
লীলাবতী শইকীয়া বৰা (সম্পাদিত)	: প্ৰবন্ধাবলী

তৃতীয় বৰ্ষ : পঞ্চম যাম্যাসিক

M-502 : দ্বিতীয় কাকত : পুৰণি অসমীয়া কথা-সাহিত্য
পাঠ্যপুথি : স্নাতকৰ কথাবন্ধ (ওবাহাটী বিশ্ববিদ্যালয়)

মূল্যাংক : ৬০

প্ৰথম গোট	: কথাগীতা (১ম আৰু ২য় অধ্যায়)	—	১৫
দ্বিতীয় গোট	: শংকৰদেব : অক্ষয়ৰ পূৰ্বাংগ গোপালচৰণ দ্বিজ : গুৰু-সেবা-মাহাত্ম্য	—	১৫
তৃতীয় গোট	: বতুনাথ মহন্ত : বামৰ বন-গমন বত্ৰাকৰ কন্দলি আৰু অৰ্জুন দাস বৈৰাগী : ত্ৰিপুণ্ড্ৰ মদনপূজান আড়ম্বৰ	—	১৫
চতুৰ্থ গোট	: শ্ৰীনাথ দুবৰা বৰংকথা : স্বৰ্গদেৱ কল্প সিংহ নাথান ব্ৰাউন : শ্ৰীযুত ব্ৰাউন চাহাবৰ পত্ৰ	—	১৫

- 15 -

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Assam State
Pin 781022, Assam,
781028

Syllabus (Non CBCS).

per week

Marks General

Course content

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M-601-

Hydrostatics

6 6 75 E-603 Linear

Algebra and

Complex

Analysis

8 8 100

M-602

Numerical

Analysis

6 6 75 E- 604

Advanced

Calculus

8 8 100

M-603

Computer

Programming

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+ 2

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4(Th) + 2

(Pr)

75

M-604 Discrete

Mathematics

6 6 75

M 605 Graph

and

Combinatorics

6 6 75

M- 606 Project 6 6 75

1st Semester

Revised Syllabus of Mathematics

For

Three year Degree Course

(Major Course)

Paper-M104

Algebra and Trigonometry Marks: 100 (80 + 20 internal), Lectures 40

Unit 1: Relations, Equivalence relations, mapping, binary composition. 10 marks


Unit 2: Groups, subgroups cosets, Lagrange's theorem on order of a subgroup of a finite group, Euler's theorem, Fermat's theorem, subgroup generated by a set, cyclic groups, permutation groups, normal subgroups, quotient groups. 20 marks

Unit 3: complex numbers as ordered pairs of real numbers, geometrical representation and polar form of complex numbers, modulus, argument and their properties, complex equations of straight line and circle, De Moivre's theorem, expansion of $\cos x$ and $\sin x$ in positive integral powers of x , logarithm of a complex number, exponential and trigonometric functions of a complex variable, Euler's expansion of cosine and sine, hyperbolic functions, inverse functions, Gregory's series. 20 marks

Unit 4: Relation between the roots and coefficients of a general polynomial equation in one variable, transformation of equations, Descartes's rule of signs, symmetric functions of roots, solution of cubic equation by Cardon's method. 10 marks

Unit 5: Symmetric, skew symmetric, Hermitian and skew Hermitian matrices, elementary operations on matrices, adjoint and inverse of a matrix, rank of a matrix, invariance of rank under elementary operations, normal form, solution of a system of linear equations by matrix method. 20 marks

Text Books:


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Skill Enhancement Elective Courses

(2 Courses)

HIS –SE-3014: Historical Tourism in North East India
HIS –SE-4014: Oral Culture and Oral History

HIS –SE-3014: Historical Tourism in North East India

Lecture : 03; Tutorial : 01 (per week)

Course Outcome:

After completing this course, students will be able to explain Tourism in North East India with special reference to the historical monuments, cultural and ecological elements and places of the north east India country as tourist and heritage sites of the nation. They will be able to relate to the growing vocation of tourism as an industry and the applicability of historical knowledge for its growth.

In-semester assessment: Students shall carry out a small project (submission not less than 2000 words) based on survey of an area or monument. The project should try to unearth the tourism potential of the surveyed area or monument. The project may also be on an existing tourist site. No sessional examination is required for this paper.

Unit I : Theoretical aspects of tourism, Elementary geography and bio – diversity of North East India

- [a] : Tourism – Concept, meaning and significance
- [b] : Different types of Tourism
- [c] : Physiographical divisions, water bodies and climatic conditions
- [d] : Important wildlife habitats : Kaziranga, Manas, Orang, Nameri, Dibru Saikhowa, Namdapha, Keibul-Lamjao, Rain forests of Assam.

Unit II : Ancient remains and Important tourist places of the North – East India

- [a] : Ancient remains: Goalpara, Ambari, Tezpur, Deopahar, Malinithan, Doyang– Dhansiri Valley
- [b] : Tourist places: Shillong, Cherapunjee, Aizwal, Gangtok, Kohima, Tawang, Poa Mecca (Hajo), Azan Pir Dargah, Jatinga


Unit III : Architectural Heritage

- [a] : Dimapur, Kasomari, Maibong, Khaspur
- [b] : Charaideo, Garhgaon, Sivasagar and Rangpur
- [c] : Ujayanta palace, NeerMahal
- [d] : Kamakhya, HayagrivaMadhava, Tripura Sundari Temple, Rumtek monastery
- [e] : Kangla fort

Unit IV : Fairs and festivals of the North – East

- [a] : Festivals - Bihu, Ali Aye Lrigang, Mopin festival, Tai – Buddhist festivals in Assam
- [b] : Bhaona, Ras celebration in Majuli
- [c] : Fairs – Jonbil Mela, Ambubachi fair at Kamakhya
- [d] : Tourist festivals based on ethnic culture – Horn Bill festival, Sangai festival, Dihing Patkai festival

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Page 35 of

Readings :

- Bezboruah, M : *Tourism in North East India*
Bora, S., & Bora, M.C., : *The Story of Tourism : An Enchanting Journey through India's North - East*, UBSPD, Delhi, 2004.
: *Paryatanar Ruprekha: Uttar Purbanchalar Itihas Aru Sanskritir Patabhumi*
Bhatia, A. K. : *International Tourism - Fundamentals and Practices*, New Delhi, 1997
: *Tourism in India*
Nath, R.M. : *The Background of Assamese Culture*, Guwahati, 1978
Sarma, P. : *Architecture of Assam*, Delhi - 1988
Ahmed, Kamaluddin: *The Art and Architecture of Assam*, Spectrum Publication, Guwahati, 1994
Bhattacharya, P. : *Tourism in Assam*, BaniMandir, Guwahati, 2004
Neog, M. : *Pavitra Asom*, LBS, Guwahati
: *Asamiya Sanskritir Ruprekha*, Guwahati - 1970
Boruah, P. : *Chitra-Bichitra Asom*, Guwahati, 2003
Taher & Ahmed : *Geography of North East India*, Mani Manik Prakash, Guwahati, 2010.
Gogoi, Atanu : *Paryatan Aru Uttar Purbanchal*, Bani Mandir, Guwahati, 2006

HIS -SE-4014: Oral Culture and Oral History

Course Outcome:

Lecture : 03; Tutorial : 01 (per week)

After this course the students will be able to explain complex interrelationships of structures or events in the context of broader social and cultural framework of societies through 'public memory' and use oral history to preserve oral culture and local history. The students will be able to espouse the relevance to the northeastern region of India with its diverse culture and ethnic communities whose history is largely oral. The students will be able to use 'Public memory' as a tool and a source not only to write public history but also to explore new knowledge in the humanities, social sciences and even in disciplines like architecture, communication studies, gender studies, English, history, philosophy, political science, religion, and sociology.

In-semester assessment: Students shall carry out a small project (submission not less than 2000 words) using the Oral History method. It may be based on interviews of persons having information of past event or phenomena. No sessional examination is required for this course.

Unit I. Concepts:

- Orality, Oral Tradition, Oral Culture
- Oral History
- Distinction between Oral Tradition and Oral History

Unit II. History and Historiography

- Oral History as a tool for analysis
- Social issues : Gender, conflict, violence, etc.
- Economic issues : Development schemes and their impact, displacement, etc

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Page 36 of