

**SYLLABUS OF THE PROGRAMME
HIGHLIGHTING
THE PROJECT WORK / FIELD WORK**



DARRANG COLLEGE, TEZPUR

CHOICE BASED CREDIT SYSTEM

Syllabus

For
B.Sc. BOTANY HONOURS



DEPARTMENT OF BOTANY
GAUHATI UNIVERSITY
GUWAHATI-781014

Effective from Academic Session 2019-2020

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- CO3. Knowledge on horticultural techniques, landscaping and gardening
CO4. Overall knowledge on post-harvest technology, disease management, and germplasm management for horticulture
CO5. Field knowledge of gardening, nurseries, standing crops of horticultural importance

BOT-HE-6016: Industrial and Environmental Microbiology

- CO1. Understanding the roles of microbes in industries and environment
CO2. Basic knowledge of different kinds of bioreactors and fermentation processes
CO3. Knowledge on production processes of some microbial products in industries through site visits
CO4. Knowledge on application of enzymes in industries
CO5. Diversity and distribution of microbes in air, water and soil
CO6. Basic understandings on water microbiology and water analysis methods
CO7. Usefulness of microbes in agriculture and bioremediation of contaminated soils
CO8. Practical experiences on basic microbiological techniques and handlings


BOT-HE-6026: Analytical Techniques in Plant Sciences

- CO1. Knowledge on microscopy and imaging in plant science
CO2. Principles and application of centrifuge, spectroscopy and chromatography in biology
CO3. Basic knowledge on biostatistics including measures of central tendency and dispersions, statistical data analysis and representations
CO4. Practical knowledge on microscopy, chromatography, centrifugation and spectroscopy

BOT-HE-6036: Project Work/Dissertation

- CO1. Practical knowledge on addressing relevant scientific questions through experimentation




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M.Sc. Botany Syllabus

14/8/18

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GUWAHATI-781014

SYLLABUS FOR M.Sc. PROGRAMME (CBCS)
IN
BOTANY

Effective from Academic Session 2018-2019



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BOT 4145

Dissertation

Dissertation = 50

Viva-Voce = 30

Internal Assessment = 20

Total = 100

BOT 4154

1. ^{B/B} Determination of light intensity, relative humidity, wind speed, maximum and minimum temperature at different times of the day.

2. ^{B/B} Determination of amount of rainfall.

M.Sc. Botany Syllabus | 2018

BOT-4245

Dissertation

Dissertation = 50

Viva-Voce = 30

Internal Assessment = 20

Total = 100

BOT-4254

1. Study of vegetative and reproductive structure of different fungal specimens
2. Study of disease symptoms and causal organisms
3. Isolation and identification of pathogen from diseased plant materials
4. *In vitro* inhibition of plant pathogens by different plant extracts
5. Estimation of spore population and root colonization of mycorrhiza
6. Extraction of cellulase/pectinase/xylanase from diseased plants
7. Proving of Koch's postulate at least one disease
8. Study of the effect of fungicides and plant extracts on the germination and growth of plant pathogenic fungi
9. Isolation and enumeration of microbes from soil samples
10. Study of effect of physical and chemical factors on the growth of plant pathogens



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BOT 4295

Dissertation

Dissertation = 50
Viva-Voce = 30
Internal Assessment = 20
Total = 100

BOT 4304

1. Estimation of starch, Ascorbic acid, Polyphenols, Cellulose.
2. Study of Oxalic acid accumulation in leaf tissue.
3. Hormonal regulation of leaf and petal senescence.
4. Study of changes in starch / protein content during seed development.
5. To study the effect of different PGRs on seedling growth
6. Sugar and amino acids analysis of phloem sap with paper chromatography.
7. Estimation of nitrate in different plant parts.



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B.Sc. Biotechnology (Professional) Syllabus- CBCS

This is approved in the Academic Council held on 08.11.2019

Department of Biotechnology,
GAUHATI UNIVERSITY

Gopinath Bordoloi Nagar, Guwahati 781014, Assam, India.



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*Dept. of Biotechnology,
Darrang College, Tezpur*

T OF PAPERS:

Semester I	C1	BIT-HC-1016	Biochemistry & Metabolism	6 credits (60T + 40P marks)
	C2	BIT-HC-1026	Cell Biology	6 credits (60T + 40P marks)
	AECC1	ENG-AE-1014	English/ EVS/ MIL	4 credits
	GE1	BIT-HG-1036	Biotechnology & Human Welfare	(5 + 1P) credits (80T + 20P marks)
Semester II	C3	BIT-HC-2016	Mammalian Physiology	6 credits (60T + 40P marks)
	C4	BIT-HC-2026	Plant Physiology	6 credits (60T + 40P marks)
	AECC1	ENG-AE-1014	English/ EVS/ MIL	4 credits
	GE2	BIT-HG-2046	Developmental Biology	(5 + 1P) credits (80T + 20P marks)
Semester III	C5	BIT-HC-3016	Genetics	6 credits (60T + 40P marks)
	C6	BIT-HC-3026	General Microbiology	6 credits (60T + 40P marks)
	C7	BIT-HC-3036	Chemistry-I	6 credits (60T + 40P marks)
	SEC1	BIT-SE-3014	Enzymology	4 credits (60T + 40P marks)
	GE3	BIT-HG-3016	Bioethics and Biosafety	(5 + 1P) credits (80T + 20P marks)
Semester IV	C8	BIT-HC-4016	Molecular Biology	6 credits (60T + 40P marks)
	C9	BIT-HC-4026	Immunology	6 credits (60T + 40P marks)
	C10	BIT-HC-4036	Chemistry-II	6 credits (60T + 40P marks)
	SEC2	BIT-SE-4014	Industrial Fermentations	4 credits (60T + 40P marks)
	GE4	BIT-HG-4016	Entrepreneurship Development	(5 + 1P) credits (80T + 20P marks)
Semester V	C11	BIT-HC-5016	Bioprocess Technology	6 credits (60T + 40P marks)
	C12	BIT-HC-5026	Recombinant DNA Technology	6 credits (60T + 40P marks)
	DSE1	BIT-HE-5016	Bioinformatics	(4+2P) credits (60T + 40P marks)
	DSE2	BIT-HE-5026	Ecology & Environmental Management	(4+2P) credits (60T + 40P marks)
Semester VI	C13	BIT-HC-6016	Bio-Analytical Tools	6 credits (60T + 40P marks)
	C14	BIT-HC-6026	Genomics & Proteomics	6 credits (60T + 40P marks)
	DSE3	BIT-HE-6016	Biostatistics	(4+2P) credits (60T + 40P marks)
	DSE4	BIT-HE-6026	Dissertation/ Project	(4+2P) credits (60T + 40P marks)



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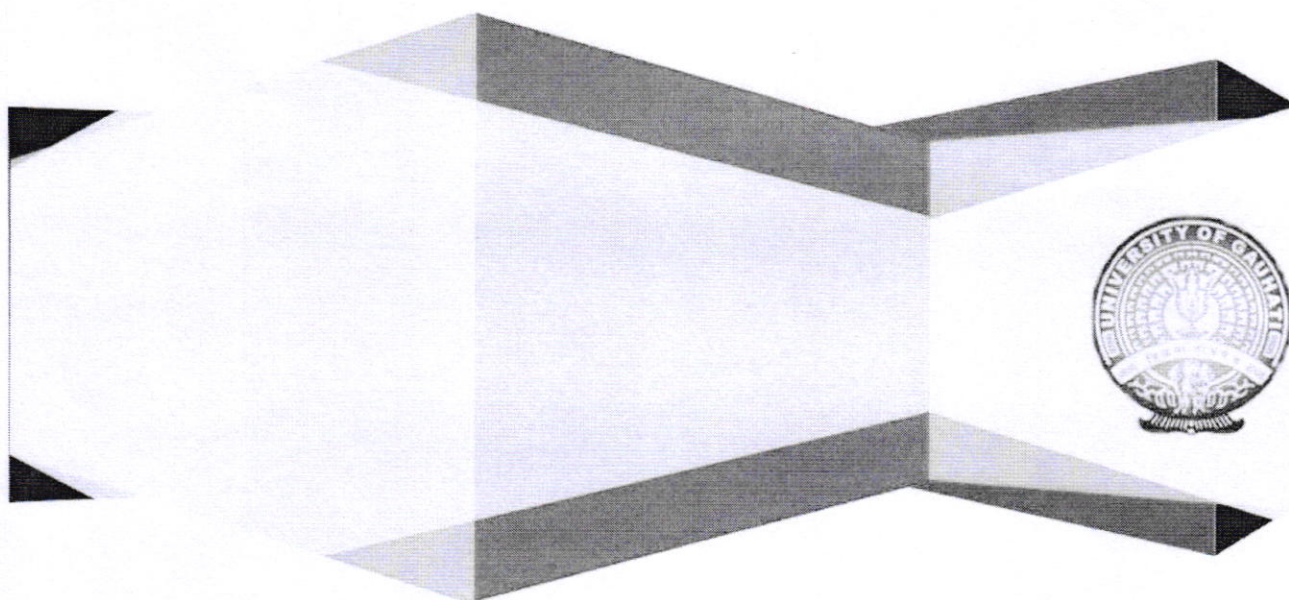
Gauhati University

Syllabus for
B.Sc.(Honors)
Chemistry

Choice Based Credit System (CBCS)

Course effective from academic year 2019-20

*This is approved in the Academic Council held
on 08/11/2019*



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		Organic Chemistry-IV Lab	
	CHE-HE-5026	Physical Chemistry-V	4+2=6
		Physical Chemistry-V Lab	
	CHE-HE-5YY6‡	DSE-1	4+2=6
		DSE-1 Lab	
	CHE-HE-5YY6‡	DSE-2	4+2=6
		DSE-2 Lab	
	Total Credits in Semester V		24
VI	CHE-HE-6016	Inorganic Chemistry-IV	4+2=6
		Inorganic Chemistry-IV Lab	
	CHE-HE-6026	Organic Chemistry-V	4+2=6
		Organic Chemistry-V Lab	
	CHE-HE-6YY6‡	DSE-3	4+2=6
		DSE-3 Lab	
	CHE-HE-6YY6‡	DSE-4	4+2=6
		DSE-3 Lab/tutorial	
	Total Credits in Semester VI		24
	Grand Total Credits		148

***Generic Electives (Other Discipline) - GE 1 to GE 4**

1. Mathematics
2. Physics
3. Economics
4. Computer Science
5. Zoology
6. Botany
7. Statistics
8. Geology
9. Biotechnology
10. Anthropology

* a) Generic Electives (GE) are to be taken preferably from Physics and Mathematics disciplines.

b) Students can choose minimum of two GE papers from two different disciplines or four papers from one discipline.

c) Some Universities in India require at least two mathematics papers to be studied by the student for admission into M. Sc. (Chemistry).

‡ Discipline Specific Elective Papers: (Credit: 06 each) (4 papers to be selected)-
DSE for Semester V

DSE-1(Any One from the following)

1. CHE-HE-5016: Applications of Computers in Chemistry (4) + Lab (2)
2. CHE-HE-5026: Analytical Methods in Chemistry (4) + Lab (2)
3. CHE-HE-5036: Molecular Modelling & Drug Design (4) + Lab (2)

DSE-2(Any One from the following)

4. CHE-HE-5046: Novel Inorganic Solids (4) + Lab (2)
5. CHE-HE-5056: Polymer Chemistry (4) + Lab (2)
6. CHE-HE-5066: Instrumental Methods of Analysis (4) + Lab (2)

DSE for Semester VI

CHE-HE-6056: DISSERTATION

Student will complete a project work and then prepare a dissertation.



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**SCHEME FOR CHOICE BASED CREDIT SYSTEM IN B. Sc.
Honours (Chemistry)**

SEMESTER	COURSE CODE	COURSE NAME	Credits
I	ENG-AE-1014	English Communications	4
	CHE-HC-1016	Inorganic Chemistry-I	4+2=6
		Inorganic Chemistry-I Lab	
	CHE-HC-1026	Physical Chemistry-I	4+2=6
		Physical Chemistry-I Lab	
	AAA-HG-1YY6*	GE-1	4+2/5+1=6
	Generic Elective -1 Practical/Tutorial		
Total Credits in Semester I			22
II	Ability Enhancement Compulsory Course-II**	Environmental Studies	4
	CHE-HC-2016	Organic Chemistry-I	4+2=6
		Organic Chemistry-I Lab	
	CHE-HC-2026	Physical Chemistry-II	4+2=6
		Physical Chemistry-II Lab	
	AAA-HG-2YY6*	GE-2	4+2/5+1=6
	Generic Elective -2 Practical/Tutorial		
Total Credits in Semester II			22
III	CHE-HC-3016	Inorganic Chemistry-II	4+2=6
		Inorganic Chemistry-II Lab	
	CHE-HC-3026	Organic Chemistry-II	4+2=6
		Organic Chemistry-II Lab	
	CHE-HC-3036	Physical Chemistry-III	4+2=6
		Physical Chemistry-III Lab	
	CHE-SE-3YY4†	SEC-1	4
	AAA-HG-3YY6*	GE-3	4+2/5+1=6
	Generic Elective -3 Practical/Tutorial		
Total Credits in Semester III			28
IV	CHE-HC-4016	Inorganic Chemistry-III	4+2=6
		Inorganic Chemistry-III Lab	
	CHE-HC-4026	Organic Chemistry-III	4+2=6
		Organic Chemistry-III Lab	
	CHE-HC-4036	Physical Chemistry-IV	4+2=6
		Physical Chemistry-IV Lab	
	CHE-SE-4YY4†	SEC -2	4
	AAA-HG-4YY6*	GE-4	4+2/5+1=6
	Generic Elective -4 Practical		
Total Credits in Semester IV			28
V	CHE-HC-5016	Organic Chemistry-IV	4+2=6



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1.3.2

COM-SEC-HC-3054 (A): Entrepreneurship

Marks: 100

Credit: 4

Lectures: 50

Objective: The purpose of the paper is to orient the learner toward entrepreneurship as a career option and creative thinking and behavior.

Contents:

Unit 1: Introduction

Meaning, elements, determinants and importance of entrepreneurship and creative behavior; Entrepreneurship and creative response to the society's problems and at work; Dimensions of entrepreneurship: intrapreneurship, technopreneurship, cultural entrepreneurship, international entrepreneurship, netpreneurship, ecopreneurship, and social entrepreneurship **(10 Lectures)**

Unit 2: Entrepreneurship and Micro, Small and Medium Enterprises

Concept of business groups and role of business houses and family business in India; The contemporary role models in Indian business: their values, business philosophy and behavioural orientations; Conflict in family business and its resolution **(10 Lectures)**

Unit 3: Public and private system of stimulation, support and sustainability of entrepreneurship. Requirement, availability and access to finance, marketing assistance, technology, and industrial accommodation, Role of industries/entrepreneur's associations and self-help groups, The concept, role and functions of business incubators, angel investors, venture capital and private equity fund. **(10 Lectures)**

Unit 4: Sources of business ideas and tests of feasibility.

Significance of writing the business plan/ project proposal; Contents of business plan/ project proposal; Designing business processes, location, layout, operation, planning & control; preparation of project report (various aspects of the project report such as size of investment, nature of product, market potential may be covered); Project submission/ presentation and appraisal thereof by external agencies, such as financial/non-financial institutions **(10 Lectures)**

Unit 5: Mobilising Resources

(10 Lectures)

Mobilising resources for start-up. Accommodation and utilities; Preliminary contracts with the vendors, suppliers, bankers, principal customers; Contract management: Basic start-up problems

Suggested Readings:

1. Kuratko and Rao, *Entrepreneurship: A South Asian Perspective*, Cengage Learning.
2. Robert Hisrich, Michael Peters, Dean Shepherd, *Entrepreneurship*, McGraw-Hill Education
3. Desai, Vasant. *Dynamics of Entrepreneurial Development and Management*. Mumbai, Himalaya Publishing House.
4. Dollinger, Mare J. *Entrepreneurship: Strategies and Resources*. Illinois, Irwin.
5. Holt, David H. *Entrepreneurship: New Venture Creation*. Prentice-Hall of India, New Delhi.
6. Plsek, Paul E. *Creativity, Innovation and Quality*. (Eastern Economic Edition), New Delhi: Prentice-Hall of India. ISBN-81-203-1690-8.
7. Singh, Nagendra P. *Emerging Trends in Entrepreneurship Development*. New Delhi: ASEED.
8. SS Khanka, *Entrepreneurial Development*, S. Chand & Co, Delhi.
9. K Ramachandran, *Entrepreneurship Development*, McGraw-Hill Education
10. SIDBI Reports on Small Scale Industries Sector.

Note: Latest edition of text books may be used.



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COM-DSE-HC-6036(F): BUSINESS RESEARCH METHODS AND PROJECT WORK

Marks: 100

Credit: 6

Lectures: 65

Objective: This course aims at providing the general understanding of business research and the methods of business research. The course will impart learning about how to collect, analyze, present and interpret data.

Section A: Business Research Methods

50 Marks

Unit 1: Introduction 10 Lectures

Meaning of research; Scope of Business Research; Purpose of Research – Exploration, Description, Explanation; Unit of Analysis – Individual, Organization, Groups, and Data Series; Conception, Construct, Attributes, Variables, and Hypotheses

Unit 2: Research Process 10 Lectures

An Overview; Problem Identification and Definition; Selection of Basic Research Methods- Field Study, Laboratory Study, Survey Method, Observational Method, Existing Data Based Research, Longitudinal Studies, Panel Studies

Unit 3: Measurement and Hypothesis Testing 19 Lectures **Measurement:** Definition; Designing and writing items; Uni-dimensional and Multi-dimensional scales; Measurement Scales- Nominal, Ordinal, Interval, Ratio; Ratings and Ranking Scale, Thurstone, Likert and Semantic Differential scaling, Paired Comparison; Sampling –Steps, Types, Sample Size Decision; Secondary data sources
Hypothesis Testing: Tests concerning means and proportions; ANOVA, Chi-square test and other Non-parametric tests

Testing the assumptions of Classical Normal Linear Regression

Section B: Project Report

Marks 50

Unit 4: Report Preparation 26 Lectures

Meaning, types and layout of research report; Steps in report writing; Citations, Bibliography and Annexure in report; JEL Classification

Note:

1. There shall be a written examination of 50% Marks on the basis of Unit 1: to III.
2. The student will write a project report under the supervision of a faculty member assigned by the college/institution based on field work. The Project Report carries 50% Marks and will be evaluated by University appointed examiners.



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SYLLABUS OF EDUCATION

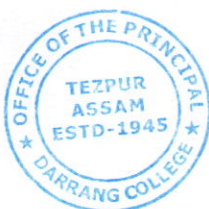
FOR
UNDER GRADUATE CBCS COURSE (HONOURS)
(REVISED)



(Approved by Academic Council on 8th November, 2019
effective from July, 2019)

GAUHATI UNIVERSITY
GUWAHATI

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PROJECT

Total Marks: 100 (External: 80 and Internal: 20)

Credit-6

Course Objectives:

After completion of this course the learner will be able to:

- Explain the process of conducting a Project
- Prepare a Project Report.

Guideline:

Each student is required to complete anyone 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 be completed according to following heads:

- Title of the Project
- Introduction
- Importance of the Study
- Objectives of the Study
- Review of related literature (if any)
- Methods and Procedure
- Data Analysis and Discussion
- Conclusion

Internal Assessment (20 Marks):

Home Assignment/Group Discussion related to Project: 10 Marks

Library Works: 6 Marks

Attendance: 4 Marks

External Assessment (80 Marks):

Project Report: 60 Marks

Viva Voce: 20 Marks



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CBCS-based U.G. Course in Geography, 2019
Syllabus of Honours Core Course
Course Name: Field Techniques in Geography
Paper Code: GGY-HC-5026
Total Credit: 6 (4+2)
Total Marks 100
(Theory 60, Practical 20 and Internal Assessment 20)

Course objectives:

This paper on Field Techniques in Geography is of pedagogical importance as it helps the students of geography to acquire the first hand experience about the geography of a particular area. It also helps the students to learn the various techniques of data collection from the field and to understand any pre-defined problem in proper perspective.

Course outcomes:

- This course will help students to proceed with a research problem and the steps she/he should adopt and the tools and craft to be employed for doing quality research
- Students perceive fieldwork to be beneficial to their learning, because through it they experience 'geographical reality' and have deeper understanding of the subject
- The students will have a chance to interact with respondents and collect data through questionnaire directly from the field
- This course will develop understanding about designing and writing a field report

Part I: Theory

Credit 4 (60 Marks)

(40 Classes of 1 hour each)

1. Geography and Field Studies: Geography as a field science, Need of field work in geography, Nature of field studies in physical geography and human geography (4 classes)
2. Concept of Case Study and its identification in the varying geographical contexts (Physical/Human/Rural/Urban/Environmental) (4 classes)
3. Tools and Techniques in Field Studies: Nature of data and their collection techniques relating to various geographical phenomena (Physical and Human), Structure of field survey questionnaire, Collection of Physical geographic data: Observations and photography, field interview, questionnaire survey, Equipment/Measurement-based survey, etc., Collection of Human geographic data: Questionnaire survey, Participant observation, PRA, Focus group interview/discussion, etc. (14 classes)
4. Surveying: Concept of ground surveying and mapping: Conduct of traverse surveying with Prismatic Compass, Profile levelling and contouring with Dumpy Level, Point distribution survey with GPS, Field mapping of Village, River bank, Wetland, Landslides, Market, etc. through Transect, Quadrant and sketch map (14 classes)

4

5. Preparation of Field Study Report and its broad design: Basis of selection of the theme of field study, Objectives, Methods of data collection, Location/Situation of the study area, Data Analysis and mapping, Interpretation/Findings (4 classes)

Part II: Field Book

Credit 2 (20 Marks)

(20 classes of two hour duration each)

Unit I: Field Book Preparation and Evaluation (15 Marks)

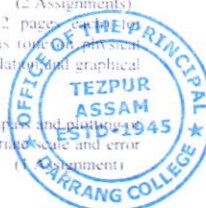
Based on understanding of various field techniques of geography in theory course the students shall undertake the following field assignments within or nearby the College campus and some other area, as the case may be, under the guidance of respective teachers. The students shall present their assignments in A4 size paper as a Field Book and submit the same with teachers' signature in binding form (Spiral or Kutch binding) for evaluation in the examination. The evaluation shall be based on average of marks given by the external examiner and internal examiner.

Contents of Field Book:

1. Field observations of a near-by area and preparation of a brief report (within 4-5 pages) about the prevailing physical and human landscape of the area along with its spot photograph (2 Assignments)
2. Preparation of two field survey questionnaire/schedule (within 2 pages) on collection of data relating to two different broad phenomena/problems (one on physical phenomenon and another on human phenomenon), and processing, tabulation and graphical representation of the same (2 Assignments)
3. Closed traverse surveying within College campus with Prismatic Compass and plotting some details within the polygon, and preparation of a plan with appropriate scale and error correction, if any (1 Assignment)

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CBCS-based U.G. Course in Geography, 2019

Syllabus of Honours Core Course

Course Name: Research Methods in Geography and Project Work

Paper Code: GGY-HC-6026

Total Credit: 6 (4+2)

Total Marks: 100

(Theory: 60, Practical: 20 and Internal Assessment: 20)

Course Objectives:

The paper on Research Methods will enable the students:

- To understand how to approach a research problem and to formulate research objectives and research questions in proper perspective. In addition, knowledge of formulation of hypothesis and testing, framing of questionnaires, techniques of collection of both qualitative and quantitative data and their analysis.
- To develop understanding of the basics and utility of review of literature and preparation of research report.

Course Outcomes:

- This course will help the students to proceed with a research problem and the steps she/he should adopt and the tools and craft to be employed while doing quality research.

Part I: Theory

Credit: 4 (60 Marks)

(40 Classes of 1 hour each)

1. Meaning and significance of research; types of research; Basics of research methodology; Review of literature and its need; Ethics of research. (6 Classes)

2. Geographic Research; Meaning and Characteristics; Formulation of research problem. (4 Classes)

3. Research Design: Statement of the problem, Review of research works, Objectives, Research questions, Hypotheses, Database and methodology, Significance, Organization of the Work and Referencing. (10 Classes)

4. Data Collection: Types and Sources of Data; Methods of primary data collection (both qualitative and quantitative, and physical and human geographic data); Concept of sample survey; Pilot survey; Data processing (Manual and computerised). (10 Classes)

5. Statistical Analysis of Data: Qualitative data analysis; Quantitative data analysis; Data representation (Manual and computerised). (5 Classes)

6. Structure of a Research Report: Preliminaries; Text; Tables, Figures and Appendices; Citations, References and Bibliography; Research/Project Report Writing; Executive Summary. (5 Classes)

Part II: Project Report

Credit: 2 (20 Marks)

(21 classes of two hour duration each)

Project Report Preparation and Evaluation (20 Marks)

1. Each student will have to prepare a Project Report on a suitable geographical problem under the guidance of respective teacher following appropriate methodology, data base and literature review.
2. Length of the Report: 30-40 printed A4 size pages (font size 12 in Times New Roman with 1.5 spacing) including text, tables, figures, references, etc.
3. The project report in binding form (Kutchi or Spiral binding) duly signed by the



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CBCS-based P.G. Course in Geography, 2016

Syllabus of Core Course

Course Name: **Practical on Population and Settlement Geography and Regional Development of India and N.E. India**

Course No. **GGY 2104**

Course Credit/Marks: 4 Credit/100 Marks

(Including 20 Marks for Internal Assessment)

Total Number of Assignments: 40

Course objectives:

This course enables the students to add a spatial perspective to population and settlement issues through maps and diagrams.

Course outcome:

Practical on these issues help the students to portray problems as well as resource based in spatial perspectives and encourage the students to accommodate the significance of dimension in planning and policy making.

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Unit I: Population and Settlement Geography (36 marks)

[To attempt three questions carrying 12marks each]

1. Population concentration and density pattern in North East India and Assam (6Assignments)
2. Trend of population growth (Exponential and Non-Linear methods) and population projection of India, N.E. India/Assam/India(6Assignments)
3. Determination of spatial mean center of population, spatial mean center of urban population and settlements of selected areas. (4Assignments)
4. Distribution pattern of services/economic activities/settlements using Nearest Neighbour Analysis Statistic. (2 Assignments)
5. Determination of settlement hierarchy using centrality index. (2 Assignments)
6. Population Density Gradient Analysis (2 Assignments)
7. Mapping volume and direction of population migration in North East India (2 Assignments)

Unit II: Regional Development of India and North East India (24marks)

[To attempt two questions carrying 12marks each]

1. Analysis of trend of population growth and food production in India. (3Assignments)
2. Spatial pattern of population density in Assam (district level) and dispersion of population density in India (state level). (3Assignments)
3. Mapping of population distribution of North-East India and analysis of its relationship with relief. (2Assignments)
4. Analysis of connectivity and centrality of transport networks in North East India. (4Assignments)

5. Determination of levels of infrastructural development inNorth East India using simple composite index. (2Assignments)
6. Flow pattern of selected commodities of India and N.E. India using standard carto-statistical techniques. (2 Assignments)

Unit III: Field work (Preferably outside the state)

(10 Marks)

Unit IV: Practical Note-Book and Viva-voce (10 Marks)

- 1.Evaluation of Practical Note-Book (5 marks)
2. Viva-voce (5 marks)

Books Recommended for Course No. GGY 2104:

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Syllabus for Elective Course

Course Name: **Regional Development Planning (Dissertation)**

Course No. : GGY 4223 (7)

Course Credit/Marks: 3 Credit/50 Marks
(Including 10 Marks for Internal Assessment)

Course objectives:

To get acquainted with dissertation writing methods and processes.

Course outcome:

Students will write a dissertation on suitable topic related to special paper applying all required methodology and dissertation writing procedure.

Units:

1. Each student will have to prepare a dissertation under the guidance of respective teacher as per specialization following appropriate methodology, data base and literature review.
2. The dissertation duly signed by the guide concerned has to be submitted to the department at least one week before the scheduled date of examination.
3. The marks distribution of dissertation in the final semester examination is as follows:
 - (i) Total marks: 40
 - (ii) Evaluation of Content: 25 (average between external and internal examiners)
 - (iii) Viva-voce: 15 (exclusively by the external examiner)

Books recommended for Course No. GGY4206 (7):

- Banerjee, A. and Kar, B., 1999: *Economic Planning and development of North Eastern States*, Kanishka Publications, New Delhi.
- Choud, M. and Puri, V. K., 1983: *Regional Planning in India*, Allied Publications, New Delhi.
- Deb, B. J., 1995: *Regional Development in North East India*, Reliance Publications, New Delhi.
- Friedman, J. and William Alonso (eds), 1964: *Regional Development and Planning*, Cambridge, Mass. M.I.T. Press.
- Friedman, J., 1973: *Utilization, Planning and National Development*, Beverly Hills, Sage Publications.
- Gallion, A. B. and Simon Eisner, 1974: *The Urban Pattern. City Planning and Design*, East West Press Pvt. Ltd., New Delhi and Van Norstrand Reinhold Co.
- Glasson, J., 1974: *An Introduction to Regional Planning*, Hutchinson Educational Ltd., London.
- Gogoi, J. K., 1978: The Government of India's Policy for Regional Development- A Summing Up and a Critique, *North Eastern Econ. Rev.* II (3), July- Sept.
- Goswami, A., 1981: Assam's Industrial Development: Urgency of New Direction, *Econ. Pol. Weekly*, XVI (21)
- Hilhorst, J.G.M. and Dunham, D.M., 1971: *Issues in Regional Planning*, Institute of Social Studies, The Hague.



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Tezpur, Assam

DEPARTMENT OF HINDI, GAUHATI UNIVERSITY

MODIFIED SYLLABUS FOR B.A. HONOURS UNDER CBCS CURRICULUM

(PASSED IN THE CCS-UG HINDI MEETING HELD ON 19.03.2021)

LIST OF PAPERS

हिन्दी विभाग, गौहाटी विश्वविद्यालय

चयन आधारित क्रेडिट-व्यवस्था की पाठ्यचर्या के अन्तर्गत
संशोधित स्नातक (ऑनर्स) पाठ्यक्रम

{दिनांक 19.03.2021 को आयोजित सीसीएस-यूजी (CCS-UG) हिन्दी की बैठक में गृहीत}

प्रश्न-पत्रों की सूची

क्रम- संख्या	प्रश्न-पत्रों के कोड	प्रश्न-पत्रों के शीर्षक
		मुख्य कोर्स {CORE COURSE (कुल 14 प्रश्न-पत्र)}
1	HIN-HC-1016	हिन्दी साहित्य का इतिहास (रीतिकाल तक)
2	HIN-HC-1026	हिन्दी साहित्य का इतिहास (आधुनिक काल)
3	HIN-HC-2016	आदिकालीन एवं मध्यकालीन हिन्दी कविता
4	HIN-HC-2026	आधुनिक हिन्दी कविता (छायावाद तक)
5	HIN-HC-3016	छायावादोत्तर हिन्दी कविता
6	HIN-HC-3026	भारतीय काव्यशास्त्र
7	HIN-HC-3036	पाश्चात्य काव्यशास्त्र
8	HIN-HC-4016	भाषाविज्ञान, हिन्दी भाषा एवं देवनागरी लिपि
9	HIN-HC-4026	हिन्दी कथा साहित्य
10	HIN-HC-4036	हिन्दी नाटक एवं एकांकी
11	HIN-HC-5016	हिन्दी निबंध एवं अन्य गद्य-विधाएँ
12	HIN-HC-5026	प्रयोजनमूलक हिन्दी
13	HIN-HC-6016	हिन्दी की साहित्यिक पत्रकारिता
14	HIN-HC-6026	हिन्दी परियोजना कार्य (Hindi Project Work)



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Darrang College
Tezpur, Assam

हिन्दी परियोजना कार्य (Hindi Project Work)

कुल अंक : 100

लघु शोध-प्रबन्ध : 80

मौखिकी : 20

क्रेडिट : 6

लक्ष्य : विद्यार्थियों की शोध-प्रवृत्ति को जगाना, उनकी आलोचनात्मक समीक्षा की योग्यता को प्रोत्साहित करना, साथ ही तकनीकी (डी.टी.पी., पावर पॉइंट प्रेजेंटेशन के रूप में) उपयोग हेतु उन्हें प्रेरित करना इस परियोजना-कार्य का प्रमुख लक्ष्य है।

(दृष्टव्य : प्राध्यापकों द्वारा निर्धारित किए गए विषयों पर विद्यार्थी अपने परियोजना-कार्य को स्वयं कम्प्यूटर में टंकित करें। मौखिकी में विद्यार्थी पावर पॉइंट प्रेजेंटेशन द्वारा अपनी प्रस्तुति देंगे। इस प्रस्तुति में विभागीय अध्यक्ष, परियोजना-निर्देशक, विभागीय प्राध्यापकगण एवं महाविद्यालय के अध्यक्ष या अध्यक्ष के प्रतिनिधि की उपस्थिति अपेक्षित है।)

20

GU UG CBCS SYLLABUS

स्नातक (ऑनर्स) पाठ्यक्रम के अन्तर्गत विद्यार्थी को किसी एक हिन्दी साहित्यिक विभूति के जीवन एवं साहित्यिक उपलब्धियों पर साहित्य-सर्वेक्षण के तहत एक लघु शैक्षिक परियोजना-कार्य एक शोध-निर्देशक के अधीन रहकर संपादित करना पड़ेगा। परियोजना-कार्य का विषय (निम्नलिखित सूची में से) और शोध-निर्देशक विद्यार्थी को उक्त छमाही के आरम्भ में ही कॉलेज के संबद्ध विभाग द्वारा निर्धारित कर दे दिए जाएंगे। विद्यार्थी को एम.फिल. के लघु शोध-प्रबन्ध (स्पाइरल बाइंडिंग रूप में) की तरह ही तैयार किए गए लगभग 50 पृष्ठों के परियोजना-कार्य को उक्त छमाही की अन्तिम परीक्षा के आरम्भ के एक सप्ताह पूर्व ही जमा करना होगा। विभाग के अध्यक्ष, परियोजना-कार्य के निर्देशक और महाविद्यालय के अध्यक्ष अथवा उनके द्वारा नामित प्रतिनिधि से बनी मूल्यांकन-समिति में से अध्यक्ष या उनके प्रतिनिधि 40 अंक (लेखन : 30 + मौखिकी : 10) तथा विभाग के अध्यक्ष 30 अंक (लेखन : 25 + मौखिकी : 5) एवं परियोजना के निर्देशक 30 अंक (लेखन : 25+ मौखिकी : 5) के अन्तर्गत मूल्यांकन करेंगे। परियोजना-कार्य के मूल्यांकन के दौरान अन्य बातों के साथ ही विद्यार्थी की आलोचनात्मक समीक्षा की योग्यता को ध्यान में रखा जाएगा।

हिन्दी साहित्यिक विभूति

चंदबरदाई, विद्यापति, कबीरदास, मलिक मुहम्मद जायसी, सूरदास, मीराबाई, गोस्वामी तुलसीदास, रहीम, रसखान, केशवदास, बिहारीलाल, देव, भूषण, घनानन्द, भारतेन्दु हरिश्चन्द्र, हरिऔध, मैथिलीशरण गुप्त, माखनलाल चतुर्वेदी, जयशंकर प्रसाद, सूर्यकान्त त्रिपाठी 'निराला', सुमित्रानन्दन पन्त, महादेवी वर्मा, भगवतीचरण वर्मा, सुभद्रा कुमारी चौहान, चन्द्रधर शर्मा 'गुलेरी', हरिवंशराय 'वच्चन', मुंशी प्रेमचन्द, रामधारी सिंह 'दिनकर', आचार्य रामचन्द्र शुक्ल, अज्ञेय, जैनेन्द्र कुमार, यशपाल, लक्ष्मीनारायण

Syllabus
Mathematics (Honours)

Version 2 submitted to



Gauhati University
under the
Choice Based Credit System

By
Department of Mathematics
Gauhati University



Baiti's
Principal
Darrang College
Tezpur, Assam

Core Papers:

- MAT-HC-1016: Calculus (including practical)
- MAT-HC-1026: Algebra
- MAT-HC-2016: Real Analysis
- MAT-HC-2026: Differential Equations (including practical)
- MAT-HC-3016: Theory of Real Functions
- MAT-HC-3026: Group Theory-I
- MAT-HC-3036: Analytical Geometry
- MAT-HC-4016: Multivariate Calculus
- MAT-HC-4026: Numerical Methods (including practical)
- MAT-HC-4036: Ring Theory
- MAT-HC-5016: Complex Analysis
- MAT-HC-5026: Linear Algebra
- MAT-HC-6016: Riemann Integration and Metric spaces
- MAT-HC-6026: Partial Differential Equations (including practical)

Skill Enhancement Course (SEC)

papers SEC1(choose one)

- (i) MAT-SE-3014: Computer Algebra Systems and Related Software
- (ii) MAT-SE-3024: Combinatorics and Graph Theory

SEC2(choose one)

- (i) MAT-SE-4014: R-Programming
- (ii) MAT-SE-4024: LATEX and HTML
- (iii) MAT-SE-4034: Boolean Algebra

Discipline Specific Electives (DSE) papers

DSE1(choose one)

- (i) MAT-HE-5016: Number Theory
- (ii) MAT-HE-5026: Mechanics
- (iii) MAT-HE-5036: Probability and Statistics

DSE2(choose one)

- (i) MAT-HE-5046: Linear Programming
- (ii) MAT-HE-5056: Spherical Trigonometry and Astronomy
- (iii) MAT-HE-5066: Programming in C

DSE-3(choose one)

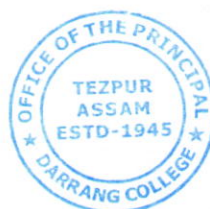
- (i) MAT-HE-6016: Boolean Algebra and Automata Theory
- (ii) MAT-HE-6026: Bio-Mathematics
- (iii) MAT-HE-6036: Mathematical Modeling
- (iv) MAT-HE-6046: Hydromechanics

DSE4(choose one)

- (i) MAT-HE-6056: Rigid Dynamics

- (ii) MAT-HE-6066: Group Theory II
- (iii) MAT-HE-6076: Mathematical Finance

Project (in lieu of DSE3 or DSE4)



Pratik
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Tezpur, Assam

SKT-HE-5046
Project / Dissertation

Dissertation

(typed and Spiral Binding copy to be submitted)

Marks- 80

Word limit- 8,000-10,000 words

Font size- 12

Space- 1.5

Language- English/ Sanskrit

**Topic- Sanskrit study in the locality; study of a temple / satra having historical importance; any place of historical importance;
any other survey based topic connected with Sanskrit language and literature**

Viva-voce- Marks-20



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Discipline Specific Elective (DSE)
B.A. (Hons) Sanskrit (Any four)

Semester- V (Any two)

SKT-HE-5016 Art of Balanced Living	SKT-HE-5026 Theatre & Dramaturgy
SKT-HE-5036 Sanskrit Linguistics	SKT-HE- 5046 Project / Dissertation

Semester- VI (Any two)

SKT-HE-6016 Fundamentals of Ayurveda	SKT-HE-6026 Environmental Awareness in Sanskrit
SKT-HE-6036 Kāmarūpa School of Dharmaśāstras	



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Revised
Final copy



Gauhati University
Syllabus for B.Sc.(Honors)
ZOOLOGY
Choice Based Credit System (CBCS)

Course effective from academic year 2019-20



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	DSE-4 Lab	
Total Credits in Semester VI		24
Grand Total Credits		148

***Generic Electives (Other Discipline) - GE 1 to GE 4**

1. Botany (4) + Lab(4)
2. Chemistry (4)+ Lab (4)
3. Anthropology (4)+ Lab (4)
4. Geography (4)+ Lab (4)
5. Geology (4)+ Lab (4)
6. Biotechnology (4)+ Lab (4)
7. Computer Science (4)+Lab (4)
8. STATISTICS (4)+ Lab (2)
9. MATHEMATICS
10. MICROBIOLOGY (4)+ Lab (2)
11. PHYSICS (4)+ Lab (2)

- *a) Generic Electives(GE) are to be taken preferably from Botany and Chemistry disciplines.
b) Students can choose minimum of two GE papers from different disciplines.*

**‡ Discipline Specific Elective Papers: (Credit: 06 each) (4 papers to be selected)-
DSE for Semester V DSE-1 (Any One from the following)**

✓ ZOO-HE-5016: Computational Biology and Biostatistics (4) + Lab(2) (Compulsory)
DSE-2(Any One from the following)

2. **ZOO-HE-5026: Animal biotechnology (4) + Lab(2)**
3. **ZOO-HE-5036: Endocrinology (4) + Lab(2)**
4. **✓ ZOO-HE-5046: Parasitology (4) + Lab(2)**

DSE for Semester VI

DSE-3(Any One from the following)

5. **✓ ZOO-HE-6016: Biology of Insect (4) + Lab(2)**
6. **✓ ZOO-HE-6026: FISH and Fisheries (4) + Lab(2)**

DSE-4 (Any One from the following)

7. **ZOO-HE-6046: Reproductive Biology (4) + Lab(2)**
8. **ZOO-HE-6056: Wildlife Conservation and Management (4)+ Lab (2)**
9. **✓ ZOO-HE-6066: Dissertation in any Zoology Specific Subject (6)**

‡ Skill Enhancement Courses (04papers)(Credit:04each)

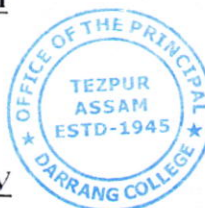
SEC for Semester III

Any One from the following

- ✓ **ZOO-SE-3014: Ornamental fish and Fischeies**
2. **ZOO-SE-3024: Apiculture**

6

SEC for Semester IV



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Sem-IV Cell Biology

46

Elective 4: Cell and Molecular Biology

Code	Course	Credit	Contact hour	Total marks	Type
Zoo-4014	Molecular Biology cell	4	54	40+10	Elective (Theory)
Zoo-4024	Membrane Biology	4	54	40+10	Elective (Theory)
Zoo-4034	Molecular Biology	4	54	40+10	Elective (Theory)
Zoo-4044	Genomics and Proteomics	4	54	40+10	Elective (Theory)
Zoo-4054	Immunology	4	54	40+10	Elective (Theory)
Zoo-4064	Dissertation	6	81	60+15	Dissertation (Elective)
Zoo-4072	Practical I (Molecular Biology) cell	2	54	20+5	Practical



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Sem-IV - Fishery

Zoology

Syllabus of 4th Semester, M. Sc. in Zoology
Department of Zoology, Gauhati University
Specialization: Fish Biology & Fishery Science

Date:- 19-1-18

Code	Course	Credit	Contact hour	Total marks	Type
Z-4014	Fish Taxonomy & Study of Fish Growth & Population	4	54	40+10	Core (Theory)
Z-4024	Fish Physiology & Fish Genetics	4	54	40+10	Core (Theory)
Z-4034	Capture Fisheries & Ecosystem management	4	54	40+10	Core (Theory)
Z-4044	Aquaculture & Fish Biotechnology	4	54	40+10	Core (Theory)
Z-4054	Fish Pathology & Post harvest technology	4	54	40+10	Core (Theory)
Z-4066	Dissertation	6	54	60+15	Dissertation
Z-4072	Practical paper-I (Taxonomy, Fish Biology & Aquaculture)	2	54	20+5	Practical



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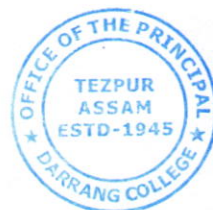
বিষয় সম্পর্কীয় ঐচ্ছিক পাঠ্য

ASM-HE-6056

প্রকল্প

মূল্যাংক : ১০০

এই কাকতখনৰ বাবে ছাত্র-ছাত্রীয়ে বিভাগীয় শিক্ষকৰ তত্ত্বাবধানত কোনো গুরুত্বপূৰ্ণ স্থান, উৎসৱ-পাৰ্বণ, লোকাচাৰ, লোকপৰিবেশ্য কলা, লোক সাহিত্য, লোকভাষা আদি যিকোনো এটা বিষয়ত প্রকল্প প্রস্তুত কৰিব লাগিব। প্রকল্পৰ শব্দসংখ্যা ৪০০০-৫০০০ ৰ ভিতৰত হ'ব লাগিব। বিভাগৰ মুৰব্বী/ অধ্যাপক/অধ্যাপিকাই তত্ত্বাবধায়কৰ সহযোগত মূল্যায়নৰ বাবে ছা কৰি প্রকল্পটি আৰু নম্বৰ তালিকা বিশ্ববিদ্যালয়ৰ পৰীক্ষা নিয়ন্ত্ৰকলৈ প্ৰেৰণ কৰিব। এই প্রকল্পৰ মুঠ ১০০ নম্বৰৰ ভিতৰত ৪০ নম্বৰ প্রকল্পৰ বাবে আৰু ২০ নম্বৰ মৌখিক পৰীক্ষাৰ বাবে ধাৰ্য কৰা হৈছে।



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২০। অনুবাদ চর্চা > এই পাঠ্যক্রমে রয়েছে কর্মসংস্থান বৃদ্ধির সুযোগ। তুলনামূলক অধ্যয়ন বা গবেষণা, বিভিন্ন গুরুত্বপূর্ণ গ্রন্থের অনুবাদ, সরকারি ও বেসরকারি সংস্থায় অনুবাদকের কাজ করার জন্য প্রাথমিক জ্ঞান লাভের সুযোগ এখান থেকে শিক্ষার্থীরা নিতে পারবে। অনুবাদের কর্মশালাগুলো শিক্ষার্থীদের অভিজ্ঞ করে তুলবে।

২১। চিত্রনাট্য রচনা ও বাংলা সাহিত্য > এই পাঠ্যক্রমটিও কর্মসংস্থানের দিকে লক্ষ্য রেখে তৈরি করা হয়েছে। বাংলা সাহিত্যের সঙ্গে নাটক, চলচ্চিত্র, টি.ভি ধারাবাহিক ইত্যাদির গভীর যোগাযোগ রয়েছে। শিক্ষার্থীরা এই পাঠ্যক্রম সম্পূর্ণ করে এই ক্ষেত্রে নিজেদের দক্ষতা বৃদ্ধি করতে পারবে এবং পেশা হিসাবে একে গ্রহণ করতে পারবে।

২২। ব্যবহারিক বাংলা > বাংলা ভাষা চর্চার ক্ষেত্রে অত্যন্ত গুরুত্বপূর্ণ বিষয় ভাষা গঠন প্রক্রিয়া সম্বন্ধে সম্যক জ্ঞান। এই পাঠ্যক্রম শিক্ষার্থীদের সেই সুযোগ এনে দেবে। শিক্ষার্থীরা ভাষা জ্ঞান অর্জনের সঙ্গে তাকে বিভিন্ন কর্মক্ষেত্রে যথোপযুক্ত ভাবে প্রয়োগ করতে সক্ষম হবে। পড়ার সঙ্গে সঙ্গে নির্ভুল ভাবে লেখার অভ্যাস গড়ে তুলতে পারবে শিক্ষার্থীরা।



GAUHATI UNIVERSITY CBCS SYLLABUS FOR B.A HONS. & REGULAR In BENGALI

HONORSE

- A) BEN-HC = 14 course
- B) BEN-HG = 4 course
- C) BEN-AE = 1 course
- D) BEN-SE = 2 course
- E) BEN-HE = 4 course

REGULAR

- F) BEN-RC = 4 course
- G) BEN-CC = 2 course
- H) BEN-AE = 1 course
- I) BEN-RE = 2 course
- J) BEN-SE = 4 course

REGULAR

- H) BEN-RG = 2 course

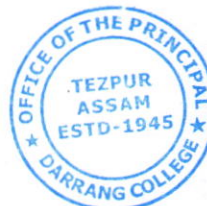
Abbreviations: HC (Honours Core) & RC (Regular Core) = CORE COURSE, HE (Honours Elective) & RE (Regular Elective) = DSE (Discipline Specific Elective Course), HG (Honours Generic) & RG (Regular Generic) = Generic Course, SE = Skill Enhancement Course, AE = Ability Enhancement Core Course, CC (Core Course) = MIL

1. BEN-CORE Course

BEN-HC -1016	প্রাগাধুনিক সাহিত্য পাঠ ১
BEN-HC -1026	প্রাগাধুনিক সাহিত্য পাঠ ২
BEN-HC -2016	বাংলা ভাষা পরিচয়
BEN-HC -2026	বাঙালির সামাজিক ও সাংস্কৃতিক পরিচয়
BEN-HC -3016	লোকসংস্কৃতি ও লোকসাহিত্য
BEN-HC -3026	ছন্দ, অলঙ্কার ও প্রাচ্য কাব্যতত্ত্ব
BEN-HC -3036	বাংলা সাহিত্যের ইতিহাস (প্রাচীন ও মধ্যযুগ)
BEN-HC -4016	বাংলা সাহিত্যের ইতিহাস (আধুনিক যুগ)
BEN-HC -4026	আধুনিক বাংলা সাহিত্য : সূচনা পর্ব
BEN-HC -4036	রবীন্দ্রসাহিত্য
BEN-HC -5016	আধুনিক বাংলা সাহিত্য : প্রাক স্বাধীনতা পর্ব
BEN-HC -5026	আধুনিক বাংলা সাহিত্য : স্বাধীনতার পর্ব
BEN-HC -6016	সাহিত্যের সংজ্ঞা ও সংরূপ
BEN-HC -6026	পাশ্চাত্য সাহিত্যতত্ত্ব ও সমালোচনা

2. BEN- HG (Generic) / AND BEN-RC**

BEN-HG-1016/ BEN-RC-1016	মধ্যযুগের সাহিত্য পাঠ
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BEN-HIG-2016/ BEN-RC-2016	লোকসাহিত্য পাঠ
BEN-HIG-3016/ BEN-RC-3016	উনিশ শতকের সাহিত্য পাঠ
BEN-HIG-4016/ BEN-RC-4016	কুড়ি শতকের সাহিত্য পাঠ

3. BEN-DSE (for Honours Course)

BEN-HE-5016	শিশু ও কিশোর সাহিত্য
BEN-HE 5026	ঔবনী সাহিত্য ও স্মৃতিকথা
BEN-HE 6016	উত্তরপূর্বের বাংলা সাহিত্য
BEN-HE 6026	প্রতিবেশী সাহিত্য
BEN-HE 6036	গবেষণামূলক সন্দর্ভ গ্রন্থ

Students will have to select either HE-6026 or HE-6036 in 6th Semester.

4. BEN-DSE (for Regular Course)

BEN-RE-5016	অনুবাদ সাহিত্য
BEN-RE-6016	কল্পবিজ্ঞান ও ফ্যান্টাসি
BEN-RE 6026	গবেষণামূলক সন্দর্ভ গ্রন্থ

Students will have to select either BEN-RE 6016 or BEN-RE-6026.

5. BEN-AECC (Both for Honours and Regular)

BEN- AE1014	ব্যবহারিক বাংলা
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6. BEN-SEC (Skill Enhancement Course)

BEN-SE-3014 (Honours and Regular)	পাণ্ডুলিপি প্রস্তুতি
BEN-SE-4014 (-do-)	প্রকল্প সংশোধন
BEN-SE-5014 (Regular Course)	চিত্রনাট্য রচনা ও বাংলা সাহিত্য
BEN-SE-6014 (-do-)	অনুবাদ চর্চা

7. BEN-GENERIC (for Regular Course)

BEN-RG-5016	কিশোর সাহিত্য
BEN-RG-6016	পূর্বোত্তরের বাংলা সাহিত্য

8. BEN- MIL (CORE Course for Regular Course)

BEN-CC-3016	উনিশ ও কুড়ি শতকের বাংলা সাহিত্য-১
BEN-CC-4016	উনিশ ও কুড়ি শতকের বাংলা সাহিত্য-২

SEMESTER-WISE DIVISION of SYLLABUS

B.A Honours (Bengali)

COURSE	SEM-1	SEM-2	SEM-3	SEM-4	SEM-5	SEM-6
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১. সাহিত্যবিচার : তত্ত্ব ও প্রয়োগ – বিমলকুমার মুখোপাধ্যায়
৩. উপন্যাসের কথা – দেবীপদ ভট্টাচার্য

৪. বাংলা সাহিত্যে রোমান্টিসিজম – গৌরনোহন মুখোপাধ্যায়

৫. আধুনিকতা, জীবনানন্দ ও পরবাস্তব – ভগ্নেশ্বর ভট্টাচার্য ও স্বপা ভট্টাচার্য

৭. A Glossary of Literary Terms (7th Ed.) – M.H. Abrams

৮. Surrealist and Surrealism – Gaeton Picon, Macmillan

৯. Key Concepts in Modernist Literature – Julian Hanna

PAPER- BEN-HE 6016 (For Honors Course)

UNIT	Paper Title/ Topic	SELECTED BOOK(S)/SECTION	CLASS HOURS		
			Ther.	Tutr.	I.A
	উত্তরপূর্বের বাংলা সাহিত্য				
UNIT-I	নাটক	গুণধরের অসুখ- প্রদ্যোত চক্রবর্তী			
UNIT-II	ছোটগল্প	অশ্রুদী - অখিল দত্ত, বাসাবদল - দেবীপ্রসাদ সিংহ, কাক - দেবব্রত চৌধুরী, আনন্দের আলির স্বদেশ - মলয়কান্তি দে, নং-খেলেন - মানবেন্দ্র ভট্টাচার্য, ভগীরথের ডালা - বিমল চৌধুরী	74	15	1
UNIT-III	উপন্যাস	বিলোরিস - অঞ্জলি লাহিড়ী			

সহায়ক গ্রন্থ :

১. গুণধরের অসুখ : অনাথী রক্তবন্ধনের কোলাজ - শান্তনু রায়চৌধুরী

২. উত্তরপূর্ব ভারতে বাংলা সাহিত্য - বিজিতকুমার ভট্টাচার্য

৩. আব্বাজানের হাড - দেবব্রত চৌধুরী (গল্প সংকলন)

৪. গল্প সংকলন - মানবেন্দ্র ভট্টাচার্য

৫. বরাক উপত্যকার নির্বাচিত গল্প - কপিশকান্তি দে (সম্পাদিত)

৬. অসমের বাংলা লিটল ম্যাগাজিন : ছোটগল্প চর্চার প্রেক্ষাপট ও ক্রমবিকাশ - জ্যোতির্ময় সেনগুপ্ত

৭. উত্তরপূর্বের বাংলা ছোটগল্প বীক্ষণ ১/২/৩ খণ্ড - নির্মল দাশ

৮. ত্রিপুরার বাংলা ছোটগল্প ও গল্পকার - রাজীব ঘোষ

৯. সুরি বিস্ময়ে - উষারঞ্জন ভট্টাচার্য

১০. অসিল দত্তের একতৃষ্ণ গল্প ও অন্যান্য - রাধা দত্ত

PAPER- BEN-HE 6026 (For Honors Course)

UNIT	Paper Title/ Topic	SELECTED BOOK(S)/SECTION	CLASS HOURS		
			Ther.	Tutr.	I.A
	প্রতিবেশী সাহিত্য				
UNIT-I	অসমিয়া	লক্ষ্মীনাথ বেজবরুয়ার নির্বাচিত রচনা (সাহিত্য অকাদেমি) : ভদ্রী, রতনমুগা, ভোকেস্ত বরুয়া, পাতিমুগি, কন্যা	74	15	1
UNIT-II	ওড়িয়া	ছ মল আঠ গুঠ - ফকির মোহন সেনাপতি			
UNIT-III	হিন্দি	প্রেমচন্দ্রের গল্পগুচ্ছ - কফিন, দুখের দাম, দ্বিতীয় শৈশব, শেষ কিস্তি			

সহায়ক গ্রন্থ -

১. লক্ষ্মীনাথ বেজবরুয়ার নির্বাচিত রচনা (সাহিত্য অকাদেমি) - অনুবাদ সম্পাদনা উষারঞ্জন ভট্টাচার্য

২. উনিশ বিঘা দুই কাঠা (এন.বি.টি) - অনুবাদ - মৈত্রী স্ত্রী

৩. প্রেমচন্দ্রের গল্পগুচ্ছ (এন.বি.টি) - অনুবাদ- প্রসন্ন মিত্র

৪. ওড়িয়া সাহিত্য - প্রিয়রঞ্জন সেন (বিশ্ববিদ্যা সংগ্রহ)

৫. হিন্দি সাহিত্যের ইতিহাস - রামবহাল তেওয়ারি

৬. আধুনিক হিন্দি সাহিত্যঃ গতি ও প্রকৃতি - বিপ্লব চক্রবর্তী

Or

PAPER- BEN-HE 6036 (For Honors Course)

UNIT	Paper Title/ Topic	SELECTED BOOK(S)/SECTION	CLASS HOURS		
			Ther.	Tutr.	I.A
	গণেশগামূলক সম্পর্ক লিখন				
UNIT-I	মেকোনা ১ম ইউনিট থেকে	উনিশ ও ত্রিাদ শতকের বাংলা সাময়িক পত্র	75	15	-
UNIT-II	১ম লক্ষ্য তৈরি করতে হবে	কৃত্তিক শতকের সাহিত্য ব্যতিক্রম : কবিতা, প্রবন্ধ			
UNIT-III		কৃত্তিক শতকের সাহিত্য ব্যতিক্রম : গল্প, উপন্যাস			

সহায়ক গ্রন্থ :

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