



Estd. 1954

# প্রাগজ্যোতিষ মহাবিদ্যালয়

## PRAGJYOTISH COLLEGE

### Annual Quality Assurance Report (AQAR) 2023-2024

#### CRITERIA 2.6.1

Teachers and students are aware of the stated Programme and course outcomes  
of the Programmes offered by the Institution

#### Third Cycle NAAC Accreditation

Submitted to  
THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL



# 1. PO, PSO AND CO

FYUGP

DEPARTMENT OF ASSAMESE  
PRAGJYOTISH COLLEGE  
GUWAHATI

**Four-Year Undergraduate  
Programme**

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PROGRAMME OUTCOME  
(PO)

PROGRAMME SPECIFIC OUTCOME  
(PSO)

**Programme Outcome**

**PO1. Disciplinary Knowledge:** Demonstrate comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate program of study.

**PO2. Social Interaction:** express thoughts and ideas effectively in writing and orally; listen and communicate with others using appropriate media. Work effectively and respectfully with diverse teams; act together as a group or a team in the interests of a common cause; Elicit views of others, mediate disagreements and help reach conclusions in group settings.

**PO3. Effective Citizenship:** Demonstrate empathetic social concern and equity centered national development, and act with an informed awareness of issues and participate in civic life through volunteering; embrace moral/ ethical values in conducting one's life, possess knowledge of the values and beliefs of multiple cultures and a global perspectives; engage in a multicultural society and interact respectfully with diverse groups.

**PO4. Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.

**PO5. Information and Digital Literacy:** Use ICT in a variety of learning situations; demonstrate ability to access, evaluate and use a variety of relevant information sources; and use appropriate software for analysis of data.

**PO6. Research –related skills:** Critically evaluate practices, policies and theories by following scientific approach to knowledge development. Have a sense of inquiry and capability for asking relevant/ appropriate questions, problematizing, synthesizing and articulating; ability to recognize cause- and- effect relationships, define problems, formulate hypotheses, interpret and draw conclusions from data, ability to plan, execute and report the results of an experiment or investigation; ability to apply one's learning to real life situations.

**Programme Specific Outcome**

**PSO1.** Learn about the core theoretical knowledge of Assamese literature and language as well as able to know the eminent writer and their writing skill.

**PSO2.** Students will be able to know the specialization of eras of Assamese language and literature.

**PSO3.** Gather knowledge of versatile culture of Assam

**PSO4.** Will be able to use Assamese language in official forms; will take up jobs in every field of workplace, become a translator, good publisher, writer, dramatist, newsreader, reporter etc.

Mapping	PO1	PO2	PO3	PO4	PO5	PO6
PSO1	H	H	H	L	M	H
PSO2	H	H	L		H	H
PSO3	H	M		L	M	H
PSO4	H	M		M	H	H

COURSE OUTCOME  
Four-Year Undergraduate Programme  
Subject-Assamese  
1<sup>st</sup> Semester (Core Course)

Course Name: Assamese Bhasha aru Xahityar Itihax (1826 son parjanta)  
Course Level: 300-399

Course Outcome	Unit/Topic	Bloom's Taxonomy Level
After the completion of this course, the students will be able to:	<ul style="list-style-type: none"> <li>Trace the evolution of Assamese language and literature.</li> <li>Learn about the specific or eminent writer, their famous writing and their writing skills of mentioned period.</li> </ul>	Remember, Understand.
	Unit-I: Axamiya Bhasha aru Xahityar Itihax (1826 son parjanta); Bhaslik aru Xahityik patabhumi, xahityik aru xahitya-karma. Unit-II: Pratna(Uvabkalin/Pratna/Mira J) Axamiya aru Prak-sankari Jugor xahitya Selected text-Ekabar hari bol men rasana Kanal par kora he Charjageet- Ushna Ushna Parwat toi sabari bati Bodu Chandi Das- Bijay nam belate (Janmakhanda, Sri Krishna Kiran) Hem Saraswati- Prahlad Charit (Complete) Madhab Kandali- Langkar Biwaran (Sundarakanda, Ramayan) Unit- III : Sankardevkalin Xahitya	Remember, Understand, Analysis.

## **BUSINESS ADMINISTRATION**

**PO 1. Disciplinary Knowledge:** Demonstrate comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study .

**PO 2. Social Interaction:** express thoughts and ideas effectively in writing and orally; listen and communicate with others

**Mapping of Course Outcomes (Cos) with Programme Outcomes (Pos) and Programme Specific Outcomes (PSOs) for Undergraduate Programmes in Economics**

using appropriate media. Work effectively and respectfully with diverse teams; act together as a group or a team in the interests of a common cause; Elicit views of others, mediate disagreements and help reach conclusions in group settings.

**PO 3. Effective Citizenship:** Demonstrate empathetic social concern and equity centred national development, and act with an informed awareness of issues and participate in civic life through volunteering; embrace moral/ ethical values in conducting one's life, possess knowledge of the values and beliefs of multiple cultures and a global perspectives; engage in a multicultural society and interact respectfully with diverse groups.

**PO 4. Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.

**PO 5. Information and Digital Literacy:** Use ICT in a variety of learning situations; demonstrate ability to access, evaluate and use a variety of relevant information sources; and use appropriate software for analysis of data.

**PO 6. Research –related skills:** Critically evaluate practices, policies and theories by following scientific approach to knowledge development. Have a sense of inquiry and capability for asking relevant/ appropriate questions, problematizing, synthesizing and articulating; ability to recognize cause- and- effect relationships, define problems, formulate hypotheses, interpret and draw conclusions from data, ability to plan, execute and report the results of an experiment or investigation; ability to apply one's learning to real life situations.

### COURSE OUTCOME

BBA in Business Administration (Honours) syllabus (CBCS)

**1<sup>st</sup> Semester (Honours)**

**Paper Name: BUSINESS COMMUNICATION**

**Paper Code: ENG-AE-1014**

Course Outcome	Unit/ Topic	Bloom's Taxonomy Level
After the completion of this course, the students will be able to: <ul style="list-style-type: none"><li>• The effective use of various types of oral, written and digital communication modes.</li><li>• The planning, managing and communicating various business projects.</li><li>• High level team work and analysis of team process.</li></ul>	Unit I: Communication theory and types	Remember , Understand
	Unit II: Speaking skills	Remember , Understand
	Unit III: Reading and understanding	Remember , Understand
	Unit IV: Writing skills	Remember , Understand

## Botany

### PROGRAMME SPECIFIC OUTCOME (B.SC. IN BOTANY)

As per NEP-FYUGP, Gauhati University

Department of Botany, Pragjyotish College, Guwahati

The programme specific outcome of the syllabus prescribed as per Gauhati University for the Honours students of Botany is mentioned below:

- **PSO1:** Critical evaluation of the ideas and arguments by collection of relevant information about plants, to recognize the position of plant in the broad classification and phylogenetic level.
- **PSO2:** Identify problems and independently propose solutions using creative approaches, acquired through interdisciplinary experiences, and a depth and breadth of knowledge/expertise in the field of Plant Identification.
- **PSO3:** Accurate interpretation of collected information and use taxonomical information to evaluate and formulate a position of plant in taxonomy.
- **PSO4:** Students will be able to apply the scientific method to questions in botany by formulating testable hypotheses, collecting data that address these hypotheses, and analyzing those data to assess the degree to which their scientific work supports their hypotheses.
- **PSO5:** Students will be able to present scientific hypotheses and data both orally and in writing in the formats that are used by practicing researchers/ scientists.
- **PSO6:** Students will be able to access the primary literature, identify relevant works for a particular topic, and evaluate the scientific content of these works.
- **PSO7:** Students will be able to apply fundamental mathematical tools (statistical analysis, SPSS) and physical principles (physics, chemistry) to the analysis of relevant biological situations.
- **PSO8:** Students will be able to identify the major groups of organisms with an emphasis on plants and be able to classify them within a phylogenetic framework. Students will be able to compare the characteristics of plants, algae, and fungi that differentiate them from each other and from other forms of life.

### COURSE OUTCOME (CO)

#### FOUR YEAR UNDERGRADUATE PROGRAMME (FYUGP)

Semester: First

Course Name: Plant and Microbial Diversity

Course Outcome	Unit No. and Topics	Bloom's Taxonomy Domain level
CO1. Knowledge with the concept of different kingdoms and the theories behind how life began.	<b>Unit 1:</b> Origin of life: Theories of the Origin of Life, Concept of Kingdoms, and Tree of Life	Remember, understand
	<b>Unit 2:</b> Bacteria and Viruses: Bacteria: General features, cell structure, reproduction, conjugation, transformation, and transduction; introduction to <u>Archaeobacteria</u> Viruses: General features, replication, reproduction ( <u>Lytic</u> and <u>Lysogenic</u> life cycles), RNA virus (TMV), DNA virus ( <u>Cauliflower Mosaic Virus</u> ).	Remember, understand, Apply
CO2. Basic understanding of the characteristics, distribution, classification, reproduction, and current status of various microbial and plant communities.	<b>Unit 3:</b> Algae: General features, cell structure, range of <u>thallus</u> structure, reproduction, and classification; a brief account on <u>Nostoc</u> , <u>Oedogonium</u> , and <u>Chara</u> .	Remember, understand, Apply
CO3. Good understanding of virus, algae, fungus, <u>bryophyte</u> , and <u>pteridophyte</u> cell structures, dicotyledonous and monocotyledonous leaf venation patterns, and inflorescence and fruit features.	<b>Unit 4:</b> Fungi & Lichens: General features, distribution of fungi and its current status in the living world, reproduction, and classification	Remember, understand, Apply
CO4. Knowledge to identify		

### Programme Outcome

**PO1. Disciplinary Knowledge:** Demonstrate comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate program of study.

**PO2. Social Interaction:** express thoughts and ideas effectively in writing and orally; listen and communicate with others using appropriate media. Work effectively and respectfully with diverse teams; act together as a group or a team in the interests of a common cause; Listen views of others, mediate disagreements and help reach conclusions in group settings.

**PO3. Effective Citizenship:** Demonstrate empathetic social concern and equity centred national development, and act with an informed awareness of issues and participate in civic life through volunteering; embrace moral/ ethical values in conducting one's life; possess knowledge of the values and beliefs of multiple cultures and a global perspectives; engage in a multicultural society and interact respectfully with diverse groups.

**PO4. Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.

**PO5. Information and Digital Literacy:** Use ICT in a variety of learning situations; demonstrate ability to access, evaluate and use a variety of relevant information sources; and use appropriate software for analysis of data.

**PO6. Research-related skills:** Critically evaluate practices, policies and theories by following scientific approach to knowledge development. Have a sense of inquiry and capability for asking relevant/ appropriate questions, problematizing, synthesizing and articulating; ability to recognize cause-and-effect relationships, define problems, formulate hypotheses, interpret and draw conclusions from data, ability to plan, execute and report the results of an experiment or investigation; ability to apply one's learning to real life situations.

### BA COURSE (CBCS)

#### Programme Specific Outcome

**PSO1.** Learn about the core theoretical knowledge of Assamese literature, language and culture.

**PSO2.** Learn the evaluation of Assamese language and literature.

**PSO3.** Will be understand and able to know the eminent writer of Assamese literature who shaped the Assamese language and literature.

**PSO4.** Understand the value of translation, comparative study and the verity of Assamese literature as well as the verity of Assamese language and its applied studies.

**PSO5.** Will be able to use Assamese language in official forms; will take up jobs in every field of workplace, become a translator, good publisher, writer, dramatist, newsreader, reporter etc.

Mapping	PO1	PO2	PO3	PO4	PO5	PO6
PSO1	H	H	M	L		H
PSO2	H	H	L		H	H
PSO3	H	M		L	M	H
PSO4	H	M		M	H	H
PSO5	H	H	M	M	H	H

#### Course Name- Assamese

##### BA1<sup>st</sup> Semester

**Paper Name:** Axamiya Xahityar Buranji (Charjyapada-Sankari Yug)

**Paper Code:** ASM-HC-1016

**After the completion of this course, the students will be able to:**

**CO1:** Trace the divisions of the History of Assamese Literature. (Understand)

**CO2:** Observe the characteristics of the age of the literature common to Assamese and Bengali. (Remember)

**CO3:** Identify the specific features of the Pre-Sankaradeva Age and the Sankaradeva Age. (Understand)

**COs (ASM-HC-1016) mapped to POs & PSOs**

H-3; M-2; L-1

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H				H	H	H	H	M	L
CO2	H					H	M	M	M	H	H
CO3	H	M				H	H	H	H		M

**Paper Name:** Axamiya Xahityar Buranji (Uttar-Sankari Yug-Arunodoi Yug)

**Paper Code:** ASM-HC-1026

**After the completion of the course, the students will be able to:**

**CO1:** Learn about the post-Sankardev era. (Remember)

**CO2:** Will be able to recognize the importance of Arunodoi period. (Remember)

## BACHELOR OF COMPUTER APPLICATIONS (BCA)

One of the most important benefits of taking computer courses is that the students will have more jobs available to them. The types of new jobs that will be available depend on what kind of courses they take, but every group of courses will open up new opportunities. Almost all jobs require that a worker has some computer skills. The number of positions available to those *who aren't comfortable using computers gets smaller each day.*

### Bachelor of Computer Applications (B.C.A, Honours) Programme: (CBCS System under Gauhati University):

<b>Program Outcome (PO)</b>	<p><b>PO 1. Disciplinary Knowledge:</b> Demonstrate comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study.</p> <p><b>PO 2. Social Interaction:</b> express thoughts and ideas effectively in writing and orally; listen and communicate with others using appropriate media. Work effectively and respectfully with diverse teams; act together as a group or a team in the interests of a common cause; Elicit views of others, mediate disagreements and help reach conclusions in group settings.</p> <p><b>PO 3. Effective Citizenship:</b> Demonstrate empathetic social concern and equity centred national development, and act with an informed awareness of issues and participate in civic life through</p>
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<b>Program Specific Outcomes (PSOs)</b>	<p>The completion of the <b>BCA Programme</b> (under CBCS) shall enable a student to:-</p> <p><b>PSO 1. Understand the core theoretical concept of Computer Applications:</b> Understand the core theoretical principles of Computer Applications.</p> <p><b>PSO 2. Acquire analytical and logical skill for higher Education:</b> Acquire the ability to analyses critical problems logically.</p> <p><b>PSO 3. Excel in the field of Computer Science &amp; Applications and learn good laboratory practices particularly in terms of Programming and security of data:</b> Learn to handle Computer Programming experiments to solve certain mathematical and logical problems perfectly, accurately and safely.</p> <p><b>PSO 4. Take up jobs in allied fields:</b> Use the knowledge of Computer Science &amp; Application to seek opportunities in other allied fields (i.e., sister concerns) like Mathematics, Physics, Statistics, Commerce and Management.</p>
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### SEMESTER I (CORE PAPERS) CBCS SYSTEM

**NAME: INTRODUCTION TO C PROGRAMMING**

**PAPER CODE: BCA-HC-1016**

UNIT	COURSE OUTCOME	BLOOM'S TAXONOMY
UNIT 1: Overview of C	<b>CO1:</b> Understand the history and importance of the C programming language; master basic syntax and structure.	Remembering, Understanding
UNIT 2: Decision Making and Branching Statement	<b>CO2:</b> Implement conditional statements and loops for decision making; employ branching techniques for efficient control flow.	Applying, Analyzing
UNIT 3: Arrays	<b>CO3:</b> Manipulate single-dimensional and multi-dimensional arrays; develop algorithms using arrays.	Applying, Understanding

## CO Mapped with PO and PSO Mapping

### **BOT-HC-1016: Phycology and Microbiology**

<b>Mapping</b>	<b>CO1</b>	<b>CO2</b>	<b>CO3</b>	<b>CO4</b>
<b>PO1</b>	<b>H</b>	<b>M</b>	<b>M</b>	<b>H</b>
<b>PO2</b>	<b>M</b>	<b>H</b>	<b>L</b>	<b>H</b>
<b>PO3</b>	<b>M</b>	<b>M</b>	<b>L</b>	<b>M</b>
<b>PO4</b>	<b>H</b>	<b>H</b>	<b>M</b>	<b>H</b>
<b>PO5</b>	<b>M</b>	<b>M</b>	<b>M</b>	<b>M</b>
<b>PO6</b>	<b>L</b>	<b>M</b>	<b>L</b>	<b>M</b>
<b>PSO1</b>	<b>M</b>	<b>H</b>	<b>M</b>	<b>H</b>
<b>PSO2</b>	<b>L</b>	<b>M</b>	<b>L</b>	<b>M</b>
<b>PSO3</b>	<b>L</b>	<b>L</b>	<b>M</b>	<b>M</b>
<b>PSO4</b>	<b>M</b>	<b>M</b>	<b>L</b>	<b>H</b>
<b>PSO5</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>
<b>PSO6</b>	<b>M</b>	<b>M</b>	<b>L</b>	<b>M</b>
<b>PSO7</b>	<b>L</b>	<b>L</b>	<b>L</b>	<b>M</b>
<b>PSO8</b>	<b>M</b>	<b>M</b>	<b>L</b>	<b>L</b>
<b>PSO9</b>	<b>H</b>	<b>H</b>	<b>L</b>	<b>H</b>
<b>PSO10</b>	<b>L</b>	<b>M</b>	<b>L</b>	<b>M</b>

## Commerce

### PROGRAMME OUTCOME – Bachelor of Commerce (Honours) CBCS PROGRAMME UNDER GAUHATI UNIVERSITY

The **Program Outcomes (POs)** of a Bachelor of Commerce (B.Com) course describe the broad learning objectives and competencies that students are expected to achieve by the time they complete the program. These are overarching outcomes that align with the goals of higher education in commerce and business. Here are some common POs for a B.Com course:

**PO1: Disciplinary knowledge:** Demonstrate comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate program of the study.

**PO2: Social Interaction:** Express thoughts and ideas effectively in writing and orally; listen and communicate with others using appropriate media. Work effectively and respectfully with diverse team: act together as a group or a team in the interest of a common cause; Elicit views of others, mediate disagreements and help research conclusion in group settings.

**PO3: Effective Citizenship:** Demonstrate empathetic social concern and equity centered national development, and act with an informal awareness of issues and participate in civic life through volunteering; embrace moral/ethical values in conduction one's life, possess knowledge of the values and beliefs of multiple cultures and global perspectives; engage in a multicultural society and interact respectfully with diverse groups.

**PO4: Entrepreneurial and Managerial Skills:** Gain entrepreneurial skills and managerial capabilities to start and manage new business ventures, innovate in existing businesses, and contribute to organizational growth.

**PO5: Information and Digital Literacy:** Use ICT in a variety of learning situations; demonstrates ability to access, evaluate and used variety of relevant information sources; and use appropriate software for analysis of data.

**PO6: Research Related Skill:** Critically evaluate practices, policies, and theories by following scientific approach to knowledge development. Have a sense of enquiry and capability for asking relevant/ appropriate questions, problematizing, synthesizing and articulating; ability to recognize cause and effect.

### PROGRAMME SPECIFIC OUTCOMES (PSO) : DEPARTMENT OF ACCOUNTANCY

The term "PSO" in the context of a Bachelor of Commerce (B.Com) program generally refers to **Program Specific Outcomes**. These outcomes define the skills, knowledge, and abilities that students are expected to gain by the end of the program. The completion of B.Com Programme (under CBCS) students shall enable to :-

**PSO1: Accounting and Financial Literacy:** Students will be able to understand and apply accounting principles, financial analysis, and management techniques to make informed business decisions.

**PSO2: Taxation Knowledge:** Students are equipped with the knowledge of taxation laws, especially income tax, GST (Goods and Services Tax), and Value Added Tax (VAT) to manage tax compliance and planning for individuals and businesses.

**PSO3: Communication and Interpersonal Skills:** B.Com graduates will develop the ability to effectively communicate in business environments, both orally and in writing, which is essential for professional success.

**PSO4: Entrepreneurial Skills:** The program aims to instill entrepreneurial thinking and skills, enabling students to start and manage their own businesses.

**PSO5: Technological Proficiency:** B.Com graduates will be familiar with using technology for business operations, including proficiency in accounting software, ERP systems, and data analysis tools.

### B.COM 2<sup>nd</sup> SEMESTER

PAPER NAME: CORPORATE ACCOUNTING

PAPER CODE:- COM-HC-2016

Course Outcomes (Cos)	Unit /Topic	Bloom's Taxonomy Level
CO1: Acquire conceptual knowledge of Corporate Accounting and learn about the process of preparation of Final accounts of Joint Stock Company (as per Companies Act, 2013)	Unit I: Final Accounts	Remember, Understand & Apply
CO2: Learn about the concepts and accounting treatment of Right Shares, Bonus Shares and Buy Back of Shares and the concept and methods of valuation of Goodwill and Shares	Unit II: Incentive Equity, Buy Back and Valuation of Shares and Goodwill	Remember, Understand & Apply
CO3: Understand the detail knowledge about internal reconstruction of companies	Unit III: Internal Reconstruction of Companies	Remember, Understand
CO4: Learn the accounting treatment for Amalgamation & procedure of preparation of Balance Sheet after amalgamation	Unit - IV Amalgamation of Companies:	Apply
CO5: Learn the basic concepts of Holding Company as per Companies Act and Accounting Standards and preparation of Consolidated Balance Sheet.	Unit V. Accounts of Holding Company	Understand , Apply

### PO, PSO AND COs MAPPING

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4	PSO5
CO1	H	H		L		H	H	H	H	L	
CO2		H			H			M	H		H
CO3			H			H	H		H		
CO4	M			H			H	H		H	M
CO5	H			H	L		H	H		H	



## Economics PO PSO AND CO

### Economics Department

**PO 1. Disciplinary Knowledge:** Demonstrate comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study .

**PO 2. Social Interaction:** express thoughts and ideas effectively in writing and orally; listen and communicate with others. **Mapping of Course Outcomes (Cos) with Programme Outcomes (Po) and Programme Specific Outcomes (PSOs) for Undergraduate Programmes in Economics**

using appropriate media. Work effectively and respectfully with diverse teams; act together as a group or a team in the interests of a common cause; Elicit views of others, mediate disagreements and help reach conclusions in group settings.

**PO 3. Effective Citizenship:** Demonstrate empathetic social concern and equity centred national development, and act with an informed awareness of issues and participate in civic life through volunteering; embrace moral/ ethical values in conducting one's life, possess knowledge of the values and beliefs of multiple cultures and a global perspectives; engage in a multicultural society and interact respectfully with diverse groups.

**PO 4. Environment and Sustainability:** Understand the issues of environmental contexts and sustainable development.

**PO 5. Information and Digital Literacy:** Use ICT in a variety of learning situations; demonstrate ability to access, evaluate and use a variety of relevant information sources; and use appropriate software for analysis of data.

**PO 6. Research –related skills:** Critically evaluate practices, policies and theories by following scientific approach to knowledge development. Have a sense of inquiry and capability for asking relevant/ appropriate questions, problematising, synthesizing and articulating; ability to recognize cause-and- effect relationships, define problems, formulate hypotheses, interpret and draw conclusions from data, ability to plan, execute and report the results of an experiment or investigation; ability to apply one's learning to real life situations.

**PSO1:** To provide students a well founded educational base as well as well resourced learning environment in economics

**PSO2:** to provide a structured curriculum which supports the academic development students and to acquire know-how of methodology of economics as a branch of social sciences.

**PSO3:** to provide and adapt curricula that prepares the graduate students for employment and further study as economists and applies methods and theories of social sciences to contemporary issues.

**PSO4:** To provide the students with the opportunity to pursue courses that emphasises quantitative and theoretical aspects of economics

### ECO-HC-1016: Introductory Microeconomics

#### Course Outcomes (COs)

1. To expose the students to the basic principles of microeconomic theory
2. Application of microeconomic principles to analyse real-life situation.

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4
CO 1	H						H	H	M	H
CO2	L	H	M			M	H		H	

### ECO-HC-1026: Mathematical Methods for Economics-I

#### Course Outcomes (COs)

1. To introduce the application of basic mathematics on economic theory.
2. To illustrate the method of applying mathematical techniques to economic theory.

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4
CO 1	H				L	H	H	H	L	H
CO2	M				L	H	M	H		H

### Eco-HC-2016: Introductory Macroeconomics

#### Course Outcomes (COs)

1. To introduce the students to the basic concepts of macroeconomics
2. Conceptual understanding of various concepts associated with income determination and so on.

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4
CO 1	H	L			L	H	H	H	M	L
CO2	H					H	H	H	M	M

## COURSE OUTCOME

### BA English (Honours) Syllabus (CBCS)

#### 1<sup>st</sup> Semester (Honours)

**Paper Name : Indian Classical Literature**

**Paper Code: ENG-HC-1016**

Course Outcome	Unit/ Topics	Bloom's Taxonomy Level
<p>On successful completion of this course students are expected to achieve:</p> <ul style="list-style-type: none"> <li>• <b>CO1-</b> Knowledge and understanding of Classical Literatures of India in English translation across genres like drama, poetry, the epic narrative as well as short fictional fables.</li> <li>• <b>CO2-</b> Understand literatures of the world, and the possibility of cultural exchange.</li> <li>• <b>CO3-</b> Evaluation of Human Values</li> <li>• <b>CO4-</b> Analyzing traditional and cultural discourse of ancient India.</li> </ul>	<p>Kalidasa: <i>Abhijnana Shakuntalam</i></p>	Remember, understand, evaluate
	<p>Vyasa: 'The Dicing' and 'The Sequel to Dicing', 'The Book of the Assembly Hall', 'The Temptation of Karna'</p>	Remember, understand,
	<p>Sudraka: <i>Mricchakatika</i></p>	Remember, understand
	<p>Ilango Adigal: 'The Book of Banci', in <i>Cilappatikaram</i></p>	Remember, understand, apply

**Paper Name: European Classical Literature**

**Paper Code: ENG-HC-1026**

Course Outcome	Unit/ Topics	Bloom's Taxonomy Level
<p>On successful completion of this course students will achieve:</p> <ul style="list-style-type: none"> <li>• <b>CO1-</b> Knowledge and understanding on European Classical Literatures through representative texts across genres like drama, poetry, and the epic</li> </ul>	<p>Homer: <i>The Odyssey</i></p>	Remember, understand, apply
	<p>Sophocles: <i>Oedipus the King</i></p>	Remember, understand, analyze
	<p>Plautus: <i>Pot of Gold</i></p>	Remember, understand
	<p>Ovid: <i>Metamorphoses</i></p>	Remember, understand,

**DEPARTMENT OF HISTORY, PRAGJYOTISH COLLEGE**

**Program Outcome (PO) - B.A.**

**After completing the B.A. students are expected to acquire**

- The knowledge with facts and figures with different subjects of humanities like History, Geography, Economics, Languages etc.
- Understand the basic concepts, principles and various theories in UG course in humanities
- Realise the importance of literature in terms of aesthetics, mental, moral, intellectual development of an individual and accordingly of the society
- Understand how different issues in social science get influenced by the literature and how the literature can provide solutions to the social issues
- Can gain analytical ability to analyse the literature and social issues to appreciate the strength and to suggest the improvements for better results
- Can interpret the social issues and understand that these are no longer permanent and largely depend on the political and economic changes.
- It will give confidence to the students and make them good citizens responsible in the society participating in various social and cultural activities.
- Through literary activity students can spread the message of equality, nationality, social harmony, gender sensitive and other human values.
- Student will acquire multifaceted personality, to be self dependent, earning his own bread and butter and also creating opportunities to others.

**Department of Tourism Management**

**Programme Outcomes (POs) in MTM (Master of Tourism Management)**

**INTRODUCTION**

**(About the Programme)**

Travel and Tourism, in today's context is considered as one of the largest industry and the biggest contributor in the global economic development. It is one of the biggest foreign exchange earners of a country. Besides earning foreign exchange, it is also being recognized as a great source of employment to both skilled, semi-skilled and unskilled labour. Since it is a service industry, it creates employment opportunities for the local population as well. Now-a-days, Tourism has become very instrumental and beneficial for developing countries, where the level of unemployment and underemployment trends seem to be very high. It also helps in achieving an equitable balance between major industrial areas and the rest of the country. Besides economic benefits to a country by way of earning foreign exchange and employment generation tourism also makes a tremendous contribution to the improvement of social, political and their cultural understanding. Travel between different countries helps to minimize the political, social and cultural misconceptions. International contracts have always been the perfect way of spreading ideas about other cultures, bringing of inter-personal and inter cultural cohesion and fraternity. Tourism makes possible to know different political views of different people and helps in bringing people closer to each other, thereby improving the understanding and goodwill between different nations of the world.

## Statistics

**PO 1.** Disciplinary Knowledge: Demonstrate comprehensive knowledge and understanding of one or more disciplines that form a part of an undergraduate programme of study .

**PO 2.** Social Interaction: express thoughts and ideas effectively in writing and orally; listen and communicate with others using appropriate media. Work effectively and respectfully with diverse teams; act together as a group or a team in the interests of a common cause; Elicit views of others, mediate disagreements and help reach conclusions in group settings; .

**PO 3.** Effective Citizenship: Demonstrate empathetic social concern and equity centred national development, and act with an informed awareness of issues and participate in civic life through volunteering; embrace moral/ ethical values in conducting one's life, possess knowledge of the values and beliefs of multiple cultures and a global perspectives; engage in a multicultural society and interact respectfully with diverse groups.

**PO 4.** Environment and Sustainability: Understand the issues of environmental contexts and sustainable development.

**PO 5.** Information and Digital Literacy: Use ICT in a variety of learning situations; demonstrate ability to access, evaluate and use a variety of relevant information sources; and use appropriate software for analysis of data.

**PO 6.** Research –related skills: Critically evaluate practices, policies and theories by following scientific approach to knowledge development. Have a sense of inquiry and capability for asking relevant/ appropriate questions, problematizing, synthesizing and articulating; ability to recognize cause- and- effect relationships, define problems, formulate hypotheses, interpret and draw conclusions from data, ability to plan, execute and report the results of an experiment or investigation; ability to apply one's learning to real life situations.

**PSO1.** Demonstrate proficiency for Deep Understanding of the Statistical concepts and tools like Probability, Distribution, Sample Survey, Inference and other needed to interpret an real life scenario with a component of uncertainty in the light of Statistical Theory.

**PSO2.** Ability to critically analyse a situation for practical application of Statistics and use of relevant Statistical software scrutinize data and extract value out of it.

**PSO3.** Develop communication skills and a spirit to work as a team to find focused solution to the problems in the society modeled in the framework of Statistical theory..

**PSO4.** Instill a spirit of lifelong learning to grow as skilled professionals in STATISTICS with strong adherence to a value system showing respect to the culture and fellow human

## Statistics CO PO PSO mapping

After the completion of this course, the students will be able to:

- Acquire knowledge scope of statistics, qualitative and quantitative data, histogram, ogives, box plot, measure of central tendency, skewness and kurtosis, questionnaire, schedule, nominal and ordinal data. **[Understand]**
- Know about collection of data, sample survey, questionnaire, primary data and secondary data, Coefficient of Variation, random experiments, sample space, mean deviation, classical, axiomatic, statistical probability, p.m.f, p.d.f. **[Remember]**
- Know about moments, expectation of uniform r.v, laws of addition and multiplication, discrete and continuous random variables. **[Understand]**
- Derivation of Baye's theorem, less than and more than types ogives. **[Analyse]**

Mapping	PO1	PO2	PO3	PO4	PO5	PO6	PSO1	PSO2	PSO3	PSO4
CO1	H	M		L	L	L	H	M	M	M
CO2	H	M		L	L	M	H	H	M	M
CO3	H	M		L	L	M	H	H	H	H
CO4		M	L	M	L	M	H	H	H	H
CO5		M		M	L	H	H	H	H	M

## Units/Topics Mapped to COS

STA101 (Minor)



# Political Science

## Department of Political Science

### Programme Specific Outcome (BA in Political Science Honors)

The programme specific outcome of the syllabus prescribed for the major students of Political Science is mentioned below:

- This program shall introduce the students to Political Theory and to familiarize them to the concepts and ideas of Political Theory.
- It shall give them a fair idea about the history and approaches about Political Theory and the working of the Indian Constitution.
- It shall familiarise them with the critical and contemporary trends of the discipline.
- It shall help the students to reconcile and relate the ideas of political theory with the working and practice of a democracy.
- The program shall also help the students to understand the basic aspects of the Indian Constitution.
- It shall explain to them about the organs of the government and their working.
- It shall also introduce them to the working of the federalism and decentralization in the Indian state.
- After such inculcation of knowledge, it shall help the students to develop democratic values and a proactive political culture.
- The program shall introduce the students to the comparative study of states and their systems of governments and shall give them a reasonable idea about the history and approaches of subject.
- It will also introduce them to the comparative methodology of studying different forms of government and their political/administrative institutions and help them understand the different political systems of the world in a more comprehensive manner.
- This program covers public administration in its historical context with an highlighting the various classical and contemporary administrative theories of political/administrative institutions.
- The program also explores some of the recent trends, including feminism and ecological conservation and also emphasizes the greater democratization is restructuring public administration.
- The students shall learn about international relations, critical debates and issues in this context. They will be acquainted with current topics like globalisation and contemporary international issues.
- Political philosophy shall again help them to gain in-depth understandings of Western and Indian political thought.

## COURSE OUTCOME

BA in Political Science (Honours) syllabus (CBCS)

### 1<sup>st</sup> Semester (Honours)

**Paper Name: Understanding Political Theory**

**Paper Code: POL - HC - 1016**

Course Outcome	Unit/ Topic	Bloom's Taxonomy Level
After the completion of this course, the students will be able to: <ul style="list-style-type: none"> <li>• know about the meaning and relevance of Political Theory</li> <li>• the importance of theoretical knowledge about democracy and the importance of participation in it.</li> <li>• understand critical ideologies like Feminism and Postmodernism and how they can alter perspectives and worldviews</li> </ul>	Unit I: What is Political Theory and its relevance, Feminism, Post-modernism	Remember, Understand, Evaluate, Analyse, Apply
	Unit II: Grammar of Democracy: Procedural and Participative democracy	Remember, Understand, evaluate Analyse

**Paper Name: Constitutional Government and Democracy in India**

**Paper Code: POL - HC - 1026**

Course Outcome	Unit/ Topic	Bloom's Taxonomy Level
After the completion of this course, the students will be able to: <ul style="list-style-type: none"> <li>• know about the institution of the state and constitution</li> <li>• the understand the functioning of the organs of the government</li> <li>• understand the meaning of federalism and the significance of decentralization</li> </ul>	Unit I: The Constituent Assembly and the Constitution	Remember, Understand, Evaluate, Analyse
	Unit II: Organs of Government	Remember, Understand, Evaluate Analyse
	Unit III: Federalism and Decentralization	Remember, Understand, Analyse Evaluate

## DEPARTMENT OF ASSAMESE

### PROGRAMME OUTCOME : MA (Assamese)

After completing MA Assamese programme, students will be able to,

- Enhance their descriptive, analytical and conceptual abilities.
- Develop a coherent and systematic knowledge of Assamese Literature, Language and Culture.
- Gain introductory knowledge of World Literature, Comparative Literature.

### PROGRAMME SPECIFIC OUTCOME (MA Assamese)

- The Syllabus contains different categories of Assamese literature like Oral literature, Literature of Pre Vaishnavite period, Vaishnavite Period, Post Vaishnavite Period, Romantic Literature, Modern Literature, Post Modern Literature, Growth And Development of Languages, Ariyan and Non Ariyan Languages, Assamese Language, Its origin and Development, Scripts History and Assamese Scripts, Script Reading, Culture, and different categories of culture, Socio culture, Socio Linguistics, Comparative Studies of different literature of various New Indo-Ariyan Languages with Assamese Literature, Back ground of Assamese religion and its significant and Indian context tradition. This syllabus also covers the translation studies and its practices also.
- This syllabus will give the specific idea about the languages, literature, culture and formation of Assamese. Student will find a specific idea about the language, Culture, literature, Religion of Assamese Back ground.
- This syllabus will also help to know on the development of Indian literature and tradition through the comparative part of the syllabus.
- From the Translation part of the syllabus Student will know the trend and development of world literature.



COURSE OUTCOME		
M.A. in Assamese Syllabus (CBCS)		
1 <sup>st</sup> Semester		
Paper Name : Rise and Development of the Assamese Language		
Paper Code : ASM 1016		
<b>Course Outcome</b> After the completion of this course, the students will be able to, <ul style="list-style-type: none"> <li>Reconstruct the social history of Assam in the light of the rise of Assamese language.</li> <li>Justify the relationship between tradition of religion and formation of Assamese language.</li> <li>Compare and contrast the social history of early Assamese form of language with that of the Modern Assamese language.</li> </ul>	<b>Unit with Name</b> <b>Unit I :</b> Emergence of regional languages in India, spoken words versus literary language, language: inscriptions, Charyapada. <b>Unit II :</b> Assamese as a literary language: royal patronage and reproduction of epics in Assamese; early Assamese texts: Hem Saraswati's Prahrad Charit and Madhav Kandali's Ramayana. <b>Unit III :</b> Cultural and linguistic encounters: Emergence of Brajabali; emergence of Assamese prose, Buranjis and Charit Puthis. <b>Unit IV :</b> Colonialism and Modern Assamese: Shaping of Modern Assamese language, the roles of Missionaries and Assamese intellectuals, print media and the language; standardization of the language.	<b>Bloom's Taxonomy Level</b> Remember, Understand, Analysis  Remember, Understand, Analysis  Remember, Understand, Analysis  Remember, Understand, Analysis, Apply
Paper Name : History of Assamese Literature : 1889-2015		
Paper Code : ASM 1026		
<b>Course Outcome</b> After the completion of this course, the students will be able to,	<b>Unit with Name</b> <b>Unit I :</b> Salient features of Mafizuddin Ahmad Hazarika's poetry. <b>Unit II :</b> Salient features of Rhabananda Datta's criticism of poetry. <b>Unit III :</b> Salient features of Rhaban Barua's poetry. <b>Unit IV :</b> Salient features of Joan Pujari's poetry.	<b>Bloom's Taxonomy Level</b> Understand, Analysis, Apply

### 2.6.1: PO, PSO and CO department wise

#### PROGRAMME SPECIFIC OUTCOME AND COURSE OUTCOME

#### FOR

#### M. Sc. GEOLOGY

#### PRAGJYOTISH COLLEGE PROGRAMME SPECIFIC OUTCOME

Upon satisfactory completion of M.Sc. degree in geology, the graduates will be able to:

- Demonstrate sound knowledge in interpreting petrological processes that operates in the lithosphere.
- Carry out exploration activities for hydrocarbon and other ore and mineral deposits in scarcely known terrains
- Explore and analyze groundwater system to ensure safe and trouble-free withdrawals.
- Understand the earth's surface process and the process-form relationship, the linkage between the interdisciplinary components of earth systems science and the Quaternary geological history and associated issues of concern like climate change, active tectonics.
- Understand the key environmental issues of regional concern viz., flood, erosion, earthquake etc.
- Carry out technical analysis of earth material and geological structures for site selection of large civil engineering structures like tunnel, dam, road etc.
- Demonstrate sound knowledge in identifying and interpreting fossil assemblage

COURSE OUTCOME

GLG -1016: Structural Geology and Seismology (Theory)



Course Outcome	Unit no. and Name	Bloom's Taxonomy Level
<p><u>Lithological</u> and structural mapping of a terrain and correlate with available deformation sequence obtained from physical and <u>microstructural</u> analyses.</p> <p>Identify basic structural elements and able to interpret the complex geometry in a repeatedly activated crustal terrain.</p> <p>Investigate the deformation structures within rocks from <u>mesoscopic</u> to microscopic scale.</p> <p>Interpret importance of structures and their developments which are directly related with the formation of ore and hydrocarbon deposits within the earth crust.</p> <p>Interpret importance of structures and their developments which are directly related with the formation of ore and hydrocarbon deposits within the earth crust.</p> <p>Correlate spatial distribution of earthquakes in the light of plate tectonics</p> <p>Interpret seismic waves and crustal velocity structures.</p>	Unit 1: Stress and Strain	Remember, Understand
	Unit 2: Ductile deformation	Remember, Understand
	Unit 3: Brittle deformation	Remember, Understand, Analysis
	Unit 4: <u>Foliation</u> and <u>lineation</u> in deformed rocks	Remember, Understand, Analysis
	Unit 5: Shear zone	Remember, Understand
	Unit 6: Rheology	Remember, Understand
	Unit 7: Graphical interpretation of structures	Remember, Understand, Analysis



## 2. AWARENESS PROGRAMME AMONG STUDENTS FOR PROGRAMME OUTCOME



Awareness of Programme by the PG Department of Assamese



Awareness of the PSO amongst the students by the Department of Statistics

15:09



9.00 kB/s



Oikonomia EM(official)

Anamika Boro Prag 6th, Khiromani...



changed. Tap to learn more.

Today

Your security code with +91 91013 51004 changed. Tap to learn more.



**Ira Das Ma'am Hod Prag**

Dear 4th sem students, please come to your classroom...don't be late . I am waiting 😊

08:56

**Ira Das Ma'am Hod Prag**

➔ Forwarded

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11:46

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Mapping of COs with Pos and PSOs (2) (1)....

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Mapping of COs with Pos and PSOs (2) (1).docx

15:09 ✓



Message



PG Department of Economics Digitally awares the PO CO and PSO amongst the students.

### 3. WEBSITE DISPLAY OF PO, PSO, CO



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#### COs & POs

**Latest News** | [সপ্তাহে উপলক্ষে অনুষ্ঠিত আলোচনা: মহাবিদ্যালয় প্রবন্ধ প্রতিযোগিতার ফলাফল ঘোষণা](#) | [Notice : FYUGP 1st Semester \(Arrear 2023 batch\) Examination Form Fill Up](#) | [Admission Notice](#) | [N](#)

PG PO ATTACHMENT 1	PG PSO ATTACHMENT 1	UG PO ATTACHMENT 1
PSO UG ATTACHMENT 1	PG CO ATTACHMENT 1	UG CO ATTACHMENT 1

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## COs & POs

Assamese (UG CBCS): PO_PSO (Mapping)	Assamese (PG) : PO_PSO_CO	Assamese (UG CBCS) : CO
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## COs & POs

PO CO B.A. English Honours (CBCS)

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CO PO B.A English Honours (FYUGP)

ATTACHMENT 1



# Department of Geography

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## COs & POs

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PROGRAMME AND COURSE OUTCOME FOR UNDER GRADUATE LEVEL

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