



**GOVERNMENT GENERAL
DEGREE COLLEGE,
MOHANPUR**

NAAC SSR

Criterion 2

Sub-criterion 2.6.1

**Program Outcomes (P.O.S.) & Course Outcomes (C.O.S.)
For All Programmes offered by the institution are stated
and displayed on the Website.**

2.6.1 Programme Outcomes (P.O.s) and Course Outcomes (C.O.s) for all Programmes offered by the institution are stated and displayed on the Website.

Designing and Enlistment of Programme Outcomes (P.O.s), Programme Specific Outcomes (PSOs) and Course Outcomes (Cos).

Introduction

The Government General Degree College has consistently adhered to the notion that a thorough set of outcomes and objectives for diverse streams, programs, and courses must be established, formulated, and disseminated before the initiation of the teaching-learning process. After the Programme period, the achievement of predetermined Outcomes can be assessed using direct and indirect evaluation procedures. The students will gain a comprehensive and distinct understanding of the desired results and objectives that must be accomplished upon successfully finishing their program. The college has always believed in the all-round development of the students through continuous delivery of time-bound curricular and cocurricular courses and activities. The faculty members and respective committees set out a detailed and comprehensive set of outcomes and programs with design, formulation, and calculation before the commencement of the teaching-learning process. The students also know the Programme Outcomes (P.O.s) and Course Outcomes (Cos) for their Programmes.

Objective

In this endeavor, the institution initiated the process of recruiting and documenting the -

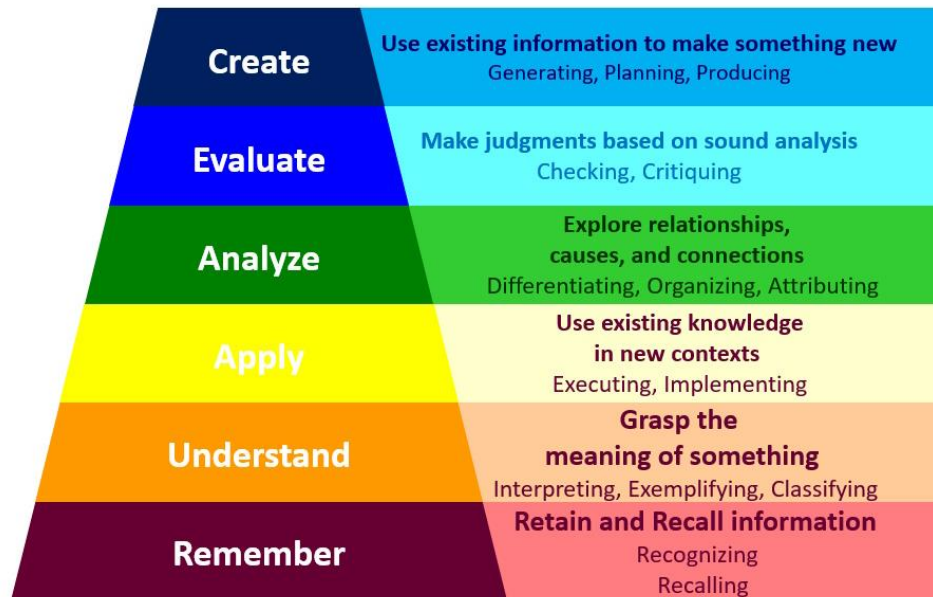
1. P.O.s (Broad-based) of B.A. & B.Sc.
2. P.O.s (specific) of Hons. & Gen. courses.
3. C.O.s of various papers of Hons. & Gen. Subjects.

Literature

Before the implementation of Programme Outcomes (P.O.s) and Programme Specific Outcomes (PSOs), it was necessary to comprehend the notion of Learning Outcomes (L.O.s). Bloom's Taxonomy has established a globally acknowledged and approved Learning Outcomes (L.O.s) set. The original Bloom's Taxonomy was created in 1956 to represent the hierarchical degrees of learning in the cognitive realm. The initial iteration of Bloom's taxonomy of Cognitive learning outcomes consisted of six stages. In 2001, Bloom's taxonomy of Cognitive Learning Outcomes underwent a revision that involved reorganizing the hierarchies of the learning outcomes. The educators at Government General Degree College, Mohanpur, ensure that students achieve the highest learning outcomes, starting from the foundational layers and progressing to the pyramid's pinnacle.

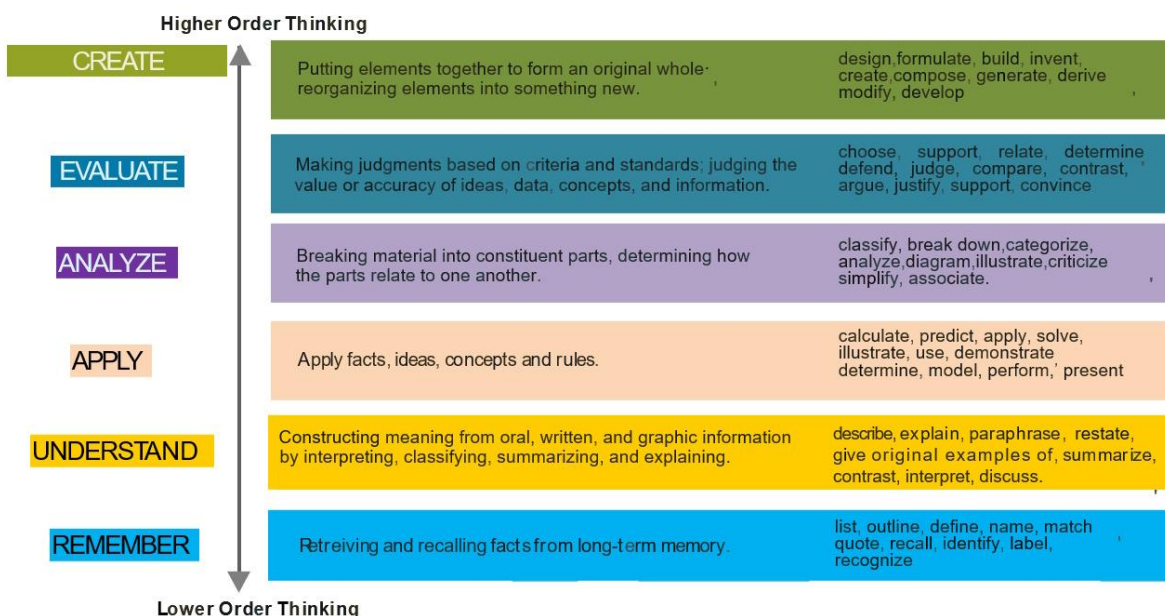
The cognitive domain encompasses the acquisition and retention of knowledge, as well as the cultivation of intellectual abilities such as synthesis and problem-solving. The cognitive domain encompasses various levels that classify students' thinking based on increasing levels of complexity. Bloom's taxonomy of cognitive domain learning outcomes can be more effectively depicted using the following globally recognized diagrams:

BLOOM'S TAXONOMY



The learner must accomplish specific objectives or results to fulfil the learning outcomes depicted as tiers in the pyramid. These objectives or consequences are expressed as verbs. The objectives linked with each layer have been categorized and listed as verbs. The following diagram would denote that.

BLOOM'S TAXONOMY



Designing of Programme Outcomes (P.O.s), Programme Specific Outcomes (PSOs) and Course Outcomes (C.O.s).

Considering the Learning Outcomes, the Government General Degree College at Mohanpur has carefully designed broad-based Program Outcomes. At present, our college is offering the following Undergraduate Courses:

1. B.A. Programmes (Honors & General)
2. B.Sc. Programs (General)

Program Outcomes

Government General Degree College, Mohanpur, Paschim Medinipur, began creating the broad-based program outcomes (P.O.s) by studying Bloom's Taxonomy required list of Learning Outcomes (L.O.s). In this process, the Principal, IQAC Coordinator, Teachers' Council Secretary, Respective Sub-committees, H.O.D.s, and general faculty members collaboratively make the P.O.s given below:

1. Programme Outcomes of B.A (Honors & General)

- Students are acquainted with the humanities and social sciences to grow their sensitivity and sensibility.
- Respective subjects from the Humanities and Social Sciences are introduced to the students to make them aware of traditions and modern ideas.
- Students are encouraged to gain familiarity with ancient, medieval, and modern thinkers and theories.

- They are also encouraged to build and form critical but sensitive ideas.
- Language and Literature in Bengali and English are taught to the students to develop their communicative and imaginative faculties.
- Philosophy is taught to make our students grow rational and critical understanding.
- History as a subject brings them close to tradition and the past. It also helps the students grow a better understanding of the present.
- Students are taught sociology to better understand our society and culture's structures.

2. Program Outcomes of B.Sc. (General)

- Science subjects, like Zoology, Botany, and Physiology, help our students grow a better scientific understanding of nature and humans.
- The well-planned delivery of science programmes has made our students grow in clarity of thought and accuracy of observation.
- Students are encouraged to locate and address problems with specific scientific methodologies.

Course Outcomes

After carefully enumerating the programme outcomes, the respective departments design, formulate and calculate specific honours and general course outcomes. The teachers carefully consider the effect and deliberation of their respective courses, considering Learning Outcomes. The following is the charting of subject-specific course outcomes.

Flowchart for Designing of Program Outcomes (POs), Programme Specific Outcomes (PSOs) and Course Outcomes (COs)

STUDYING AND UNDERSTANDING THE COGNITIVE DOMAIN LEARNING OUTCOMES DENOTED BY THE VARIOUS LEVELS IN BLOOM'S TAXANOMY



DESIGNING OF THE PROGRAMME OUTCOMES (POs) of B.A., AND B.Sc.



DESIGNING OF THE PROGRAMME SPECIFIC OUTCOMES (PSOs) OF THE VARIOUS PROGRAMMES RUN BY THE COLLEGE (LIKE B.A. HONOURS IN BENGALI AND SO ON AND SO FORTH)



DESIGNING OF THE COURSE OUTCOMES (COs) OF THE VARIOUS COURSES COVERED UNDER THE CURRICULUM OF EACH OF THE PROGRAMMES (LIKE CC- 1, CC-2 ...)



WIDESPREAD CIRCULATION OF THE PROGRAMME OUTCOMES(POs), PROGRAMME SPECIFIC OUTCOMES (PSOs) AND COURSE OUTCOMES (COs) AMONGST ALL THE STAKEHOLDERS (STUDENTS AND EDUCATORS) FOR PROPER CLARITY AND TRANSPARENCY REGARDING THE OBJECTIVITY OF THE ENTIRE TEACHING-LEARNING PROCESS

Displaying of Pos, PSOs, and C.O.s on the college website and circulation through notification

All the documents, which consist of the Centralized broad stream-based Programme Outcomes (P.O.s) and the Departmental Undergraduate Programme-based Programme Specific Outcomes (PSOs) and Course Outcomes (C.O.s), have been placed on the college website. These documents may be found under a different tab, specifically the Academic section, to ensure they are easily accessible to all individuals involved. The faculty members distribute these documents to the students and encourage them to thoroughly review them to clearly comprehend the Curriculum's goals.



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The IQAC and the Departments have developed the overall program results, program-specific outcomes, and course outcomes following the implementation the CBCS curriculum.

The college is notifying all departments that the previously mentioned Objectives and Outcomes documents have been uploaded to the college website. The students are urged and instructed to access these publications and thoroughly read them to gain a precise, complete, and vivid grasp of the program's objectives. A comprehensive comprehension of these objectives and outcomes would provide students with a full understanding of the studies they are pursuing.

PRINCIPAL
Govt. General Degree College
Mohanpur, Govt. of W.B.

Program Outcomes, Programme Specific Outcomes and Course Outcomes

Program Specific Outcome (PSO)

History Honours

To have completed graduation in History discipline, the students are expected to acquire the following qualities:-

- PSO1: The students have complete knowledge of History and historical facts.
- PSO2: The students will be acquainted with the methodology of writing History and research on various aspects of History.
- PSO3:- The students will have clear concepts of various historical events and causes and consequential interrelation among various historical events.
- PSO4:- The students are expected to be familiar with various historical figures, personalities, places, art and architecture, painting and its significance to contemporary Society.
- PSO5:- The students will learn to co-relate various inter-nation relations that prevailed among multiple countries and reflect on those relations to present diplomatic relations, especially about India.
- PSO6:- The students are expected to learn about various political, societal and economic ideologies and to reflect those ideologies in present socio-economic and political formations.
- PSO7:- Historical consciousness will help the students preserve their country's historical monuments and artefacts and revive their country's early heritage and glory.
- PSO8: The students are expected to go ahead with the nation-building process by taking lessons from various historical events and figures.

Program Specific Outcome (PSO)

Sociology Honours

- Sociological imagination: gain a sociological perspective that encourages motivation to provide in-depth understanding.
- Apply problem-solving techniques: The main aim of the sociological investigation is to resolve and negotiate solutions using applied knowledge.
- Exploring philosophical ideas: different Western and Indian thinkers are to provide varied philosophical bases that help approach the social phenomenon in question.
- Individual, Society and Culture: This domain aims to identify the varied culture and group negotiations in the modern, primitive, and post-modern world.

Program Outcome

English Honours

1. Helps the students comprehend the evolution of the different branches of humanities and social sciences.
2. Helps the students develop their morality with definite ethical values.
3. Augments the student's reading, writing, and comprehension skills.
4. Sensitizes the students about the socio-economic as well as the political issues of the country.
5. Helps the students gain empirical knowledge of ethnographic research and field surveys.
6. Helps the students develop their syllogistic bent of mind.
7. Broadens the scope of the students to get employed in different professions
8. with sufficient prowess in communication.
9. Sensitizes the students of gender issues and constitutional obligations.
10. Sensitizes the students of the environmental problems.

English General

1. Helps the students gain knowledge of humanities and social sciences.
2. Helps the students become sensitive and sensible enough.
3. Helps the students get themselves acquainted with the socio-economic as well as the political issues of the country
4. Helps the students meet the challenges of unemployment.
5. Helps the students develop ethical and moral values.
6. Sensitizes the students of gender issues and constitutional obligations.
7. Sensitizes the students of the environmental problems.

Program Outcome

History Honours

	Programme Outcome	Description
PO1	Historical Concepts	Acquiring historical concepts and methodology on writing History and causal relationships among various historical events.
	Method of Measurements	Assessments (Internal and Final)
PO2	Exploring historical Ideologies	Various Indian and foreign thinkers harbor their opinions on the formations of State, Society, and economic activities that lead to the ultimate articulation known as a historical formation. Delving it with deep and inquisitive interest helps to understand the historical events and process of any given time and place.
	Method of Measurements	Discussion and Regular Communication
PO3	Applying historical consciousness	Studying History eventually brings historical consciousness to students, which helps them know about their own country's and other countries' past. This leads to perceiving the present scenario of their Society, polity and economy by applying historical knowledge. This also helps preserve one's historical past, monuments, etc.
	Method of Measurements	Group Discussion and Verbal Questioning
PO4	Identifying the Stratification of Culture in Society	Historical perceptions help to identify the elite and popular culture that lead to the formation of the culture of a society. Interaction between these two cultures and assimilation or subjugation of either culture to

		another (generally later to the former) often leads to the formation of a society's culture.
	Method of Measurements	Internal Assessments and arranging Debate
PO5	Enhancing Communication	Enhancing communication between students and teachers and among students by accommodating different views and reaching consent on any given topic.
	Method of Measurements	Teacher-Students interactive session
PO6	Behavioural Change	Behavioural change includes understanding values and ethics from various historical events and personalities. It will encourage the students to take the ideal ideology for their life path from ideal historical figures.
	Method of Measurements	Teacher-Students interactive session.
PO7	Learning for life-long validity and extension activities	Acquiring learning for life-long validity and extending it to appropriate fields to keep the subject lively.
	Method of Measurements	Group activity and assignment assessment.
PO8	Understanding the context specifically	Developing interest in the subject in context specifically to accommodate divergent views for mutual co-existence.
	Method of Measurements	Teacher-Students interactive session

Program Outcome

Sociology Honours

Aims of Bachelor's Degree Program in Sociology

Sociology studies human Society, its relationships, and interactional patterns ranging from the most primitive to the most advanced Society. Sociology also deals with the varied functions of social institutions, namely family, marriage, economy, politics, education and religion. It also encompasses and emphasizes the role of groups, family, and kinship in Society. The subject matter of sociology is one of the newest members of the social sciences, and it is intimately related to the other social sciences like History, Political Science, Philosophy, etc. Still, at the same time, it has different regimes and parameters from the other social sciences. Sociology has its method of dealing with societal aspects, modes of inquiry, etc. Social change is one of the main agendas and the area of thrust for a subject like sociology, as change is the only permanent characteristic of Society. Sociology explores the changes, causes

and effects on the Society. After completing graduation in sociology, students are expected to acquire the following qualities which are as follows:

- Students will gain elementary knowledge of sociological concepts and theories.
- It will help to develop the skills that are great for conducting research by formulating research methods that will further help gain practical implications.
- Students will develop an in-depth understanding of sociological imagination, which will help them resolve mundane issues with greater competency.
- Students will gain an understanding of the philosophical works of different thinkers and can relate how each one's contributions are contextually relevant.
- Getting a degree in this subject will help them get work in various sectors of the company.
- Students will better understand the behavioural patterns of individuals and groups in the Society.
- Sociological knowledge will help the students maintain national unity among the various diversities in the country,

Program Learning Outcomes

- To provide comprehensive theoretical knowledge in sociology with an understanding of basic concepts, their interrelationships with other social sciences, and significant attributes in the field of research.
- To explore the social issues existing in Society with the help of empathetic understanding.
- To impart sociological knowledge with proper understanding in a concise manner of both writing and oral skills.
- To provide critical thinking and efficient problem-solving methods related to research.
- Analyze sociological concepts in an interactive session with the help of I.C.T. in the classroom.

Program Outcome

AECC (Environmental Studies)

Continuous pollution problems and the environment have made everyone aware of environmental issues. The U.N. Conference on Environment and Development in 1992 and the World Summit on Sustainable Development in 2002 have drawn the attention of people around the globe to the deteriorating condition of our environment. We should learn and obtain knowledge about the environment. Recognizing this, the Hon'ble Supreme Court directed the U.G.C. to introduce an introductory course on the environment at every college-level level. Accordingly, the matter was considered by U.G.C., and it was decided that a six-month compulsory core module course in environmental studies may be prepared and compulsorily implemented in all the Universities/ Colleges of India. Thus, the Environmental Studies (AECC-2) program offered by aims to give knowledge to its learners to become responsible and sensible about their environmental footprint. Therefore, the Environmental Studies (AECC-2) program offered by Vidyasagar University provides an effective theoretical experience to its learners and help them to analyze the environmental issues of their surroundings and build a better future environment.

Program Outcome

B.Sc. (General), Zoology

Aims of the Bachelors' Degree Program in Zoology [As per the UGC LOCF Template (2019)]

Zoology studies all animal life, from primitive microscopic malaria-causing protozoa to large advanced mammals, across all environmental spheres, from red deer in mountain forests to dolphins in deep oceans and underground burrowing voles to golden eagles in the skies. Some of these animals are useful to us, and we nurture them as pets or livestock; some are serious pests or disease-causing, and some are simply splendid and awe-inspiring. No matter our relationship with animals, we need to understand their behaviour, population dynamics, physiology, and how they interact with other species and their environments.

1. To provide students with the knowledge and skill base to undertake further studies in Zoology and related areas or in multidisciplinary areas.
2. To develop generic skills relevant to wage employment, self-employment and Entrepreneurship.
3. Enhance the skills required to perform laboratory and experimental research.
4. To make specialists in immunology, ornithology, animal behaviour or entomology.
5. To demonstrate a fundamental/systematic or coherent understanding of the academic field of Zoology, its different learning areas and applications, and its linkages with related disciplinary areas/subjects.
6. To acquire procedural knowledge that creates different types of professionals related to the Zoology area of study, including research and development, teaching, government, and public services.
7. Enhance the skills in areas related to the specialization of the subfields and current developments in the academic field of Zoology. Use their knowledge, understanding, and skills to identify the problems and issues relating to Zoology.
8. To develop a keen interest in research and the study of living organisms and to be able to communicate the results of studies undertaken accurately in a range of different contexts using the main concepts, constructs and techniques of the subject(s).
9. To demonstrate subject-related and transferable skills that are relevant to Zoology related job trades and employment opportunities
10. To develop good observation skills and a logical approach to problem-solving.

Program Learning Outcomes [As per the UGC LOCF Template (2019)]

1. Capable of demonstrating comprehensive knowledge and understanding of major concepts, theoretical principles and experimental findings in Zoology and its different subfields (animal diversity, principles of ecology, comparative anatomy and developmental biology of vertebrates, physiology and biochemistry, genetics and evolutionary biology, animal biotechnology, applied Zoology, aquatic biology, immunology, reproductive biology, and insect, vectors and diseases), and other related fields of study, including broader interdisciplinary subfields such as chemistry, physics and mathematics.
2. Ability to use modern instrumentation for advanced genomic and proteomic technology.
3. Skilled communicator: Ability to impart complex technical knowledge relating to Zoology clearly and concisely in writing and oral skills.
4. Critical thinker and problem solver: Ability to have critical thinking and efficient problem-solving skills in the fundamental areas of Zoology (animal diversity, principles of ecology, comparative anatomy and developmental biology of vertebrates, physiology and biochemistry, genetics and evolutionary biology, animal biotechnology, applied Zoology, aquatic biology, immunology, reproductive biology, insect, vectors and diseases etc.).
5. Sense of inquiry: Capability for asking relevant/appropriate questions relating to issues and problems in Zoology, as well as planning, executing, and reporting the results of an experiment or investigation.
6. Team player/worker: Can work effectively in diverse teams in both classroom, laboratory and industry and field-based situations.
7. Skilled project manager: Capable of identifying/mobilizing appropriate resources required for a project and managing a project to completion while observing responsible and ethical scientific conduct and safety and chemical hygiene regulations and practices.
8. Digitally literate: Capable of using computers for Bioinformatics and computation and appropriate software for genomics and proteomics data analysis and employing modern bioinformatics search tools to locate, retrieve, and evaluate location and biological annotation genes of different species.

9. Ethical awareness/reasoning: Capable of conducting their work honestly and precisely, thus avoiding unethical behaviour such as fabrication, falsification or misrepresentation of data or committing plagiarism, and appreciating environmental and sustainability issues.

10. Lifelong learners: Capable of self-paced and self-directed learning aimed at personal development and improving knowledge/skill development.

Programme Name: Bengali Honors

Coursecode	CourseName	CourseOutcome
BNGGCC01	BANGLA SAHITYERITIHAS OBANGLA BHASHATATWA	This course helps students learn the History of Bengali literature. The origin and development of the Bengali language will enlighten students.
BNGGCC02	KAVYA-KABITA	Here, students will learn about the power and beauty of Bengali poetry.
BNGGDSC1C	BANGLAKATHASAHITYA NATAK OPRABANDHA	This is the course of various Bengali fiction drama & essay.
BNGGDSC1D	SAHITYATATWA OSAHITYANIRMANKALA	Students will learn famous Eastern and Western literature-related theories from this course. This course is the most vital part of the Bengali Hons. Course.
BNGGDSC1A	BANGLA NATAK OKABITA	This course covers the various types of Bengali drama and poetry.
BNGGDSC1B	BANGLA UPANYASO CHHOTOGALPO	This course covers the various types of Bengali novels and short stories.
BNGGSEC01	LIKHAN DAKSHATABRIDHI	Writing skills are essential for every student. This course will help them improve their

		writing skills and enhance their knowledge of various languages.
BNGGSEC02	ANUBAD TATTWA OSRIJANSHILRACHANA	This course helps students learn about modern translation theory and creative writing.
BNGGSE03	SHAILIBICHAR	This course discusses the key features of Stylistics and its application in different forms of Bengali literature.
BNGGSE04	BISHAYVITTIKALOCHANA	This course teaches students how to write a Project and the importance of Project Writing.
BNGGGE01	SHISUSAHITYA O GOYENDAKAHINI	Students will be taught the strength of children's Literature through this course.
BNGGGE02	EKANKA NATOKO GOYENDAKAHINI	This course will teach students the one-act play and detective story.

Program Name: Bengali General

Coursecode	CourseName	CourseOutcome
BNGGCC01	BANGLA SAHITYERITIHAS OBANGLABHASHATATWA	This course helps students learn the History of Bengali literature. The origin and development of the Bengali language will enlighten students.
BNGGCC02	KAVYA-KABITA	Here, students will learn about the power and beauty of Bengali poetry.
BNGGDSC1C	BANGLAKATHASAHITYA NATAK OPRABANDHA	This is the course of various Bengali fiction dramas & essays.
BNGGDSC1D	SAHITYATATWA OSAHITYANIRMANKALA	Students will learn famous Eastern and Western literature-related theories from this course. This course is the most vital part of the Bengali Hons. Course.
BNGGDSC1A	BANGLA NATAK OKABITA	This course covers the various types of Bengali drama and poetry.
BNGGDSC1B	BANGLA UPANYASO CHHOTOGALPO	This course covers the various types of Bengali novels and short stories.
BNGGSEC01	LIKHAN DAKSHATABRIDHI	Writing skills are essential for every student. This course will help them to improve this course will help them to improve their writing skill and enhance the Knowledge of various languages.

BNGGSEC02	ANUBADTATTWA OSRIJANSILRACHANA	This course helps students to learn about modern translation theory. Creative writings.
BNGGSE03	SHAILIBICHAR	This course discusses the key features of Stylistics and its application in different forms of Bengali literature.
BNGGSE04	BISHAYVITTIKALOCHANA	This course teaches students how to write a Project and the importance of Project Writing.
BNGGGE01	SHISUSAHITYA O GOYENDAKAHINI	Students will be taught the strength of children's Literature through this course.
BNGGGE02	EKANKA NATOKO GOYENDAKAHINI	Students will be taught the one-act play and detective story through this course.

Program Name: English Honors

Course code	Course Name	Course Outcome
ENGHCC01	British Poetry and Drama: Beginning to 14th Century and History of English Language	To be familiar with the tradition of English literature from the beginning to the 14th Century and understand the different foreign influences on the English language.
ENGHCC02	British Poetry and Drama: Renaissance to 17th and 18th Centuries	To form knowledge of English literature from the 14th to the 17th Century and develop a clear understanding of Renaissance Humanism.
ENGHCC03	British Literature (fiction and non-fiction): 18th Century	To understand the form and function of satire in the Eighteenth Century to understand Restoration Comedy and anti-sentimental drama.
ENGHCC04	British Romantic Literature (1798-1832)	To understand the Romantic period in English literature with its philosophical, intellectual, and literary backgrounds, including German and French influences.
ENGHCC05	British Literature: 19th Century (1832-1900)	To measure the socio-economic-political contexts that inform the Literature of the period and comment on the historical and political awareness of literary texts.
ENGHCC06	British Literature: The	To trace the History of modernism in the socio-cultural and intellectual contexts of late Nineteenth-

	Early 20 th Century	century and early Twentieth-century Europe and link And distinguish between modernity and modernism.
ENGHCC07	American Literature	To understand American Literature, the History and culture of the United States of America from the Colonial Period to the present (17 th century to 21 st century)
ENGHCC08	European Classical Literature	To form knowledge of Greek and Latin Literature of Europe from the beginning till the 5 th Century A.D. with its social, political, and cultural context.
ENGHCC09	Modern European Drama	To understand theatre and drama in the introduction and shaping of modernity and engage with concepts like Realism, naturalism, symbolism, expressionism, the Avant-Garde, the epic theatre, the theatre of the absurd, etc.
ENGHCC10	Popular Literature	To trace the early History of print culture in England and the emergence of genre fiction and best sellers and engage with debates on high and low culture, Canonical and non-canonical Literature.
ENGHCC11	Postcolonial Literatures	To understand the social-historical-political-economic contexts of colonialism and post-colonialism in India and other countries affected by colonial rule and the scope of postcolonial Literature in India.
ENGHCC12	Women's Writing	To the representation of female experience in Literature.
ENGHCC13	Indian Classical Literature	To understand the eco-socio-political-cultural context of the age that produced Indian classical Literature from its early beginning till 1100 AD and appreciate the pluralistic and inclusive nature of Indian classical Literature and its attributes.
ENGHDS01	Nineteenth-Century European Realism	To understand realism and literary movements in Europe during the nineteenth century.
ENGHDS02	World Literatures	To know world literature and its evolution and other related concepts, e.g., national Literature, general Literature, comparative Literature, and <i>Vishwa Sahitya</i> .
ENGHDS03	Science Fiction and Detective Literature	To write critically about the two genres, Science and detective Literature, and engage with the philosophical, psychological, and social issues That is an intrinsic part of the two genres.
ENGHDS04	Partition Literature	To experience the partition in various art forms.
ENGHSE01	English Language Teaching	To learn strategies, teach language, and demonstrate a clear understanding of the syllabus, its structure, and development.
ENGHSE02	Business Communication	To develop a comprehensive understanding of the theoretical and practical aspects of business communication and develop both basic and advanced Skills in business communication.
ENGHGE01	Academic Writing and Composition	To convey their ideas using simple and acceptable English in writing..
ENGHGE02	Media and Communication Skills	To communicate information clearly and effectively in all kinds of Environments and contexts.

ENHGGE03	Contemporary India: Women and Empowerment	To develop a comprehensive understanding of the Social Construction of Gender, Women, and the importance of Gender and the female experience in Literature.
ENHGGE04	Environment & Literature	To form a comprehensive understanding of the interconnection between the environment and Literature.

Program Name: English General

Course code	Course Name	Course Outcome
ENGGCC01	Poetry & Short Story	To develop an understanding of different forms and types of British Literature.
ENGGCC02	Essay Drama & Novel	To gain knowledge of the trends in English literary cultures in the 20 th century
ENGGCC03	Contemporary India: Women and Empowerment	To develop a comprehensive understanding of Gender, the importance of Gender in Literature, and knowledge and the representation of female experience in Literature.
ENGGCC04	Academic Writing and Composition	To convey ideas in English using simple and acceptable English in writing.
ENGGSE01	Film Studies	To familiarise students with cinema as an art form and help them perceive the representation of life in cinema.
ENGGSE02	Technical Writing	To understand differences between speech and writing, distinct features of speech, and distinct features of writing and develop writing skills of diverse nature- descriptive, narrative, expository, and argumentative writing in format situations.
ENGGSE03	English Language Teaching	To learn strategies for Teaching language and demonstrate a clear understanding of the syllabus, its structure, and development.
ENGGSE04	Business Communications	To form a comprehensive understanding of the theoretical and practical aspects of Business Communication and develop basic and advanced skills in Business Communication.
ENGGDS01	Indian Literature in Translation	To learn modern Indian Literature and the impact of literary movements on various Indian literatures.

ENGGDS02	Partition Literature	To experience the partition and its consequences and agony in various art forms.
ENGGGE01	Contemporary India: Women and Empowerment	To develop a comprehensive understanding of Gender, the importance of Gender in Literature, and knowledge and the representation of female experience in Literature.
ENGGGE02	Environment & Literature	To form a comprehensive understanding and interconnection between the environment and Literature
ENGGCLC01	British Poetry -1	To be familiar with the tradition of English poetry from the Renaissance to the Romantic period and develop a clear understanding of the stylistics of poetry through exposure to rhetoric and prosody.
ENGGCLC02	Poetry-2	To learn the characteristics and features of English poetry in the Victorian and early modern periods.
AECC01	English Communication	To introduce students to the theory, fundamentals, and communication tools and to develop their vital communication skills.

Programme Name: History Honors

Course code	Course Name	Course Outcome
CC-1	<i>Greek and Roman Historians</i>	i) This Paper will help students to gain knowledge about the concept of History, Historiography, the Greek and Roman ideas of History and their method of history writing. ii) Students will be introduced to the basic differences between Greek and Roman historical thought and their methods of historical writing. This Paper will help students realize the importance of Greek and Roman historiography in the various contexts of History.
CC-2	Early Historic India (proto to 6th century B.C.)	This Paper will familiarise students with the concepts of Bharatvarsa that prevailed in early India and archaeology and literary evidence for writing early Indian History. Besides, it takes students to the chapter on the Neolithic-Chalcolithic period with particular reference to the Indus Civilization, Vedic period, and state formation in North India in the 6 th Century B.C. in the form of Mahajanapada. It also helps the students to glimpse Society, religion, economy, and culture up to the 6 th Century B.C. of early India.
CC-3	Mauryan and Gupta Empire	i) This Paper will help students learn about the process of 'Empire' building in India from the sixteen Mahajanapadas to the emergence of the Mauryan empire. ii) This Paper will cover the period's politics, economy, society, religion, and culture

		from the Mauryans to the Guptas.
CC-4	Political History of Early Medieval India (600 AD to 1200 AD)	This Paper will introduce students to the concept of early-medieval in the context of Indian History. The early medieval phase in India featured regionality in the form of regional political powers, which further led to conflicts regarding acquiring fertile land and its economic interest. Besides the nature of polity in the form of feudalism, the segmentary state and integrative state have been underlined in this Paper, as well as the nature of various regional powers, especially the Chola state.
CC-5	Delhi Sultanate	i) This Paper will cover the emergence of the Delhi Sultanate, its foundation, consolidation, expansion, and challenges. ii) It will also cover the Regional states. Besides this Paper will focus on the whole period's Society, economy, religion, and culture.
CC-6	The Feudal Society	This Paper will help students acquire knowledge about the History of Medieval Europe, mainly the feudal Society and economy.
CC-7	Akbar and the Making of Mughal India	This Paper helps students about the sources, and historiography to know about the era of Akbar, the Mughal emperor. It introduces students to Akbar's conquest of different states and policies that had been adhered to make political subjugation over different states. Besides Akbar's innovations in administration, economy, and religious sphere in the forms of mansab, jagir, jabat, Sulh-i-kul, and Din-i-ilahi are also discussed. Agrarian relations, agrarian productions, the development of Mughal architecture, and painting under Akbar's reign are also introduced to students.
CC-8	Renaissance and Reformation	This Paper gives students a deep conception of the definition of the Renaissance, what was the background of these two phenomena in medieval Europe, and its impact on polity, art, and so on. The impact of the Renaissance on political ideology in the form of thinkers like Machiavelli is discussed elaborately. Besides, the distinction of reformation in view to different countries in Europe and different ideologies among leaders of the reformation movement is also discussed.
CC-9	The French Revolution and Napoleon Bonaparte	This Paper will cover the History of the French Revolution, its impact on Europe as well as the world, and the rise and downfall of Napoleon Bonaparte. Students will realize the key messages of the French Revolution and its significance in various historical perspectives.
CC-10	19th Century Revolution in Europe	This Paper will make the conception among students about nineteenth-century revolutions in different countries in Europe especially in France in the forms of the July Revolution and February Revolution, the unification process of Italy and Germany, and the complex polities to expand dominance in the Near-East region of Europe shown by different countries at that time in Europe.
CC-11	Select Themes in the Colonial	Students will realize the colonial interest, the process of colonization, and its impact

	Impact on Indian Economy and Society	on the Indian economy, (i.e. land settlement, industry, commerce, and so on) and Indian Society. Besides this Paper will cover the socio-religious reformation movement in the colonial era.
CC-12	Peasant and Tribal Uprisings in Colonial India in the 19th Century	This Paper will make students familiar with the different peasant and tribal uprisings broadly divided into two time-frame i.e. before the 1857 rebellion and after the 1857 rebellion. Students will understand the shift that has been seen in peasant and tribal uprising in the form of leadership of zamindars and local rulers to the absence of this leadership in the peasant and tribal uprising in the post 1857 rebellion era of nineteenth Century. Students will also classify the different types of peasant and tribal uprisings in this given period.
CC-13	International Relations after the Second World War	This Paper will help students to acquire knowledge about the Cold War and its characteristics. They will be able to realize the nature of Bipolar politics and international relations in the domain of post-WorldWar II political juncture.
CC-14	Modern Nationalism in India	This Paper will make the students familiar with the mainstream politics of the Indian national movement in the form of pre-Gandhian congress politics, Gandhian politics, and so-called high politics and communal politics of one and half decades before independence which led to the partition of India. Students will also understand the shift from so-called pre-Gandhian elite congress politics to the mass politics introduced by Gandhi and also the evolution of the ideology of Gandhi in forms of non-violence and swaraj in non-co-operation, civil disobedience, and QuitIndian movement.
DSE-1	Modern Transformation of china-1839-1945	This Paper will cover the transformation and modernization of China.
DSE-2	Modern Transformation of Japan	This Paper will make the students familiar with the evolution of modern Japan from the Perry mission to World War II. It delineates the condition of Japan in the Tokugawa Shogunate period and the crisis of that period which led to the restoration of the power of the king of Japan (known as the Meji Restoration). After Meji's restoration how Japan became modernized which led to its major participation in World War II is also discussed.
DSE-3	War and Diplomacy, 1914-1945	This Paper will cover the origin of the First World War to the end of the Second World War. It will focus on the international relations between the two world wars.
DSE-4	Environmental History of India (Early India and Medieval Period)	This Paper will make the concepts on the definition, and ambit of environmental History and trace the evolution of environmental History in the early and medieval period of India. Students will also be introduced to different forms of modes of production and uses of resources. This Paper will make the students conscious of preservingresources and the environment.

SEC-1	Art Appreciation an introduction to Indian art	This Paper will make the students familiar with the art and architecture of India from the earliest time to the independence of India. It traces the different forms of architecture in early-medieval India, the Sultanate, and the Mughal period. It also traces the evolution of painting from the Mughal period to the independence of India. Students will understand the rich heritage of our country with this Paper.
SEC-2	Colonial Science in India: Institutions and Practices	This Paper will introduce students to the practices of science in colonial India by British (orientalist and Westernist) and Indians. This Paper will make the students acquainted with the goal of imperial science and the response of Indian scientists which led to the emergence of national science. This Paper will also make students familiar with the various institutions involved in the practices of science in colonial India, prominent scientists of India, and the approach and ideology towards science of major political leaders of India.
GE-1	Theories of the Modern State	This Paper will help students to gain knowledge about Western political theories. It will focus on the various political thinker's ideas about state formation, sovereignty etc.
G.E. -2	Science and Empire	This Paper will introduce students to the practices of science in colonial India by British (orientalist and Westernist) and Indians. This Paper will make the students acquainted with the goal of imperial science and the response of Indian scientists which led to the emergence of national science. This Paper will also make students familiar with the various institutions involved in the practices of science in colonial India, prominent scientists of India, and the approach and ideology towards science of major political leaders of India.
GE-3	Some Perspectives on Women's Rights in India	This Paper will help students to gain knowledge about the concept of human rights, equal rights of Women, preventive acts and remedial measures for the protection of women's rights, the role of N.G.O., etc. Students will be conscious of the issues regarding gender discrimination that exist in Society and will be enlightened about women's empowerment.
GE-4	Gender and Education in India	This Paper will cover the development of women's education from pre-colonial times to postcolonial. It will focus on the role of social workers for the expansion of women's education.

Program Name: History General

Course code	Course Name	Course Outcome
DSC-1A	<i>Ancient India</i>	This Paper will introduce the students to the History of early India from the Harappan civilization to the period after the fall of Gupta power. It will make students understand the political, economic, and social evolution that different eras of early India introduced. It also makes the students familiar with the rich tradition and culture that early India entails.
DSC-1B	Medieval India	This Paper will make the students familiar with the History of India from the conquest of Arabs to the decline of Mughal power. It traces the empire-building of the sultans of the Sultanate period and emperors of the Mughal period. Students will also understand the different innovations in political, religious, and cultural spheres by different rulers of this period, It also traces the origins of various regional powers in the later Sultanate period and socio-cultural syncretism in the forms of Bhakti and Sufi movements.
DSC-1C	Selected themes in the Colonial impact on Indian Economy and Society	Students will realize the colonial interest, the process of colonization, and its impact on the Indian economy, (i.e. land settlement, industry, commerce, and so on) and Indian Society. Besides this Paper will cover the socio-religious reformation movement in the colonial era.
DSC-1D	Modern Nationalism in India	This Paper will help students to acquire knowledge about Nationalism in India and the national movement in India up to 1947.
DSE-1A	Renaissance and Reformation	It covers the History of the transformation of Europe from feudalism to capitalism and its significant changes in various aspects.
DSE-1B	Post World War II politics	This Paper will help students to acquire knowledge about the Cold War and its characteristics. They will be able to realize the nature of Bipolar politics and international relations in the domain of post-world War II political juncture.
SEC-1	Archaeology and Museum Making in Colonial India	This Paper will make the students familiar with the development and evolution of archaeology and museum-making policy in colonial India. It takes the students to the endeavors of early archaeologists like Alexander Cunningham, John Marshall, etc., and the patronages that they had received from the colonial government. This Paper will make the students conscious of how to preserve artifacts, archaeological sites, and monuments. It also helps the students to understand the functions of museums, the different types of museums in colonial India, and the museum movements in

		colonial India.
SEC-2	Literature and History: Bengal	Students will understand the creation of Literature from the perspectives of historical development and be able to relate between historical Literature and history-based Literature.
SEC-3	Colonial Science in India: Institutions and Practices	This Paper will introduce students to the practices of science in colonial India by the British (Orientalist and Westernist) and Indians. This Paper will make the students acquainted with the goal of imperial science and the response of Indian scientists which led to the emergence of national science. This Paper will also make students familiar with the various institutions involved in the practices of science in colonial India, prominent scientists of India, and the approach and ideology towards science of major political leaders of India.
SEC-4	Art Appreciation an introduction to Indian art	This Paper will make the students familiar with the art and architecture of India from the earliest time to the independence of India. It traces the different forms of architecture in early-medieval India, the Sultanate, and the Mughal period. It also traces the evolution of painting from the Mughal period to the independence of India. Students will understand the rich heritage of our country with this Paper.
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GE-2	Some Perspectives on Women's Rights in India	This Paper will help students gain knowledge about the concept of human rights, equal rights of Women, preventive acts and remedial measures for the protection of women's rights, the role of N.G.O., etc. Students will be conscious of the issues regarding gender discrimination that exist in Society and will be enlightened about women's empowerment.

Program Name: Philosophy Honors

Course code	Course Name	Course Outcome
PHIHCC01	Indian Philosophy – I	It enriches us with various core Indian philosophical knowledge and gives the full-phased knowledge regarding our rich cultural traditions and a path that leads to the highest summum bonum of life.
PHIHCC02	History of Western Philosophy – I	It gives a proper science-based philosophy. How to reject orthodox beliefs and establish critical as well as rational knowledge in our social setup.
PHIHCC03	Indian Philosophy – II	It gives full-phased knowledge regarding our rich cultural traditions and a path that leads to the highest summum bonum of life.
PHIHCC04	History of Western Philosophy – II	Students will learn how to reject orthodox beliefs and establish critical as well as rational knowledge in our social setup.
PHIHCC05	Philosophy of Mind	It deals with the area of mind and consciousness and connects with science. How to develop a positive attitude in our thinking process for a balanced personality.
PHIHCC06	Social and Political Philosophy	It mainly aims to establish cardinal principles for regulating and binding together of the members of the Society.
PHIHCC07	Philosophy of Religion	It helps people to understand and evaluate different religious traditions and their alternatives.
PHIHCC08	Western Logic –I	It helps students to make it more logical. By going through the methods and principles of Logic, students can distinguish sentences and propositions, valid forms of reasoning or arguments from invalid ones.
PHIHCC09	Western Logic – II	By going through the methods and principles of Logic, students can distinguish valid forms of reasoning or arguments from invalid ones.
PHIHCC10	Epistemology and Metaphysics (Western)	It gives the basic parameters to analyze the theory of knowledge and reality in the practical front.
PHIHCC11	Nyaya Logic and Epistemology –I	Students can develop the power of critical thinking to infer an unknown entity.
PHIHCC12	Ethics (Indian)	It gives us the norms or principles to determine which action is good or bad, right or wrong, ethical or unethical in socio-human affairs.
PHIHCC13	Nyaya Logic and Epistemology –II	Students develop the power of critical thinking to infer an unknown entity.
PHIHCC14	Ethics (Western)	It is very important for human existence in the world, as it can give proper ethical knowledge to students and help them earn the power to deal with difficult and controversial moral issues in their day-to-day lives.
PHIHGE01	Western Logic	It gives the students for making more logic and reasoning. By going through the methods and principles of Logic, students can distinguish valid forms of reasoning or

		arguments from invalid ones.
PHIHGE02	Philosophy of Mind	It gives us proper inner knowledge to develop a positive attitude in our thinking process for a balanced personality.
PHIHGE03	Theory of Inference in Nyāya	Students will be able to learn about inferential means or methods which are essential for getting valid knowledge.
PHIHGE04	Termination of Life & Ethics	It develops the power of decision-making based on socio-moral norms or principles to sort out the social problems and issues in our daily lives.
PHIHDS01	Philosophy of Language (Indian)	Students can develop a power of critical thinking through verbal terminologies about the objects of knowledge
PHIHDS02	Ethics (Applied ethics)	It develops the capacity to grasp some practical problems & issues and find out their solutions in the socio-moral context.
PHIHDS03	Vedāntasāra: SadanandaYogindraSaraswati	Students will be able to understand that religion is a search for self-knowledge and a summum bonum of life.
PHIHDS04	Swami Vivekananda	it is very important for making a cultural man which is much needed in present times. We will get inspiration from a perfect role model whose thoughts are still relevant and act as a guiding force for leading a peaceful life.
PHIHSE01	Philosophy of Human Rights	We will be aware of our rights as human beings and also basic questions regarding the justification of human rights will be sorted out.
PHIHSE02	Man and Environment	People will understand the importance of natural environments and also learn how to preserve it for human welfare.

Program Name: Philosophy General

Course code	Course Name	Course Outcome
PHIGCC01	Indian Philosophy	It gives metaphysical, epistemological, and logical knowledge and also the full-

		phased knowledge regarding our rich cultural traditions and a path that leads to the highest summum bonum of life.
PHIGCC02	Western Philosophy	Students will learn how to reject orthodox beliefs and establish critical as well as rational knowledge in our social setup.
PHIGCC03	Logic	It emphasizes traditional logical sense and also modern symbolism. By going through the methods and principles of Logic, students can distinguish valid forms of reasoning or arguments from invalid ones.
PHIGCC04	Contemporary Indian Philosophy	Philosophical thoughts will enrich our culture and tradition and also have a constructive impact on Society.
PHIGDSE01	Philosophy of Religion	It helps people to understand and evaluate different religious traditions and their alternatives.
PHIGDSE02	Feminism	Students will be aware of the rights of women and their role in building a healthy society.
PHIGSE01	Ethics in Practice	It develops the capacity to grasp some practical problems & issues and find out their solutions in the socio-moral context.
PHIGSE02	Man and Environment	People will understand the importance of natural environments and also learn how to preserve it for human welfare.
PHIGSE03	Value Education	Importance and utility of value education for solving the problems of individuals as well as Society.
PHIGSE04	Logical Reasoning and Application	How to apply logical principles and reasoning for solving social and economic problems in our day-to-day life.
PHIGGE01	Indian Philosophy	It gives full-phased knowledge regarding our rich cultural traditions and a path leads to the highest summum bonum of life.
PHIGGE02	Applied Ethics and Philosophy of Religion	It develops the capacity to grasp some practical problems & issues and find out their solutions in the socio-moral context.

Program Name: Sociology Honours

Course code	Course Name	Course Outcome
SOCHCC01	<i>Introduction to Sociology I</i>	It will enrich the understanding level of students about Sociology, the subject matter, causes of origin as a discipline, differences from other social sciences. Basically this topic helps to start thinking through sociological perspective and make able to understand Society.

SOCHCC02	Sociology of India I	Through this topic students will be enrich about the social structure of pre-British India and also post British era, ruralsocialstructure, caste system, agrarian economic system along with overall social issues and challenges.
SOCHCC03	Introduction to Sociology II	This course talks about sociological theories that seeks to explain social phenomena and gives a broad perspective that help to explain different aspect of social life.
SOCHCC04	Sociology of India II	In this Paper, we can able to understand the dynamic process of India, political upliftment, religious strain or clash, Social issues. Basically, this area portrays the pre-British events like Dalit politics, Communalism, Ethnicmovement, reformative movements etc.
SOCHCC05	Political Sociology	It convey in front of student the political process of India, state and governance, power relation, constitution, militarysystem as well as from this course students may aware about human rights, social justice, duties of citizen towardSociety etc.
SOCHCC06	Sociology of Religion	It apprise student as regard to the primitive structure of Society, social regulation, the spirituality and the connection with human being. Also student can assume the development process of Society from the theological stage to positive/abstract to scientific state.
SOCHCC07	Sociology of Gender	The purpose of this course is to familiar student with Gender, sex, gender identity, gender crisis, exploitation, domestic violence and the status of women in Society.
SOCHCC08	Economic Sociology	The course encourages students to know the economic structure of Society, mode of production, social relation depending upon commodity exchange, pattern of behaviour, self-sufficiency of primitive Society and the development process of Society from food gathering to post-industrial Society.
SOCHCC09	Sociology of Kinship	Kinship This course will ensure students as regard to primitive Culture, pattern of simple interdependency on each other, the simple division of labour, ethnic custom and duties, tag and taboos. One hand this topic as portrays the social relation, on the other hand it represent a lucid picture of an informal economic structure of Society.
SOCHCC10	Social Stratification	It enable full-phases knowledge about social order, ranking, social role and status, category of people by different type of profession, education, race, ethnicity etc. In addition, social Stratification define social justice, inequality, role conflict, social issues and challenges.
SOCHCC11	Sociological Thinkers I	Through this course student will understand the thought process of western philosophers, theory, and their contribution to sociology.
SOCHCC12	Sociological Research Methods I	It develops students logical skill, by research method students can able to explore new thing, experiment, deal with scientific knowledge and reach toward truth.
SOCHCC13	Sociological Thinkers	Through this course student will understand the thought process of western

	II	philosophy, the founding theories, History and origin of sociology as a discipline, their wispy explanation of Society.
SOCHCC14	Sociological Research Methods II	Research method enable student to use scientific tools, diagram, graphical presentation to define social phenomena, solve of social issues and problem. By this student may become the future planner for betterment of Society.
SOCHDSE01	Urban Sociology	This will introduce the students to the genesis of urban sociology and the concepts associated therein.
SOCHDSE02	Environmental Sociology	This module will help in exploring the variety of perspectives in urban sociology.
SOCHDSE03	Indian Sociological Traditions	This module will aid in understanding the interrelationships between migration and settlement in India.
SOCHDSE04	Project : Fieldwork and Dissertation	This module will explore the problems of urban India like housing, poverty, crime and beggary.
SOCHSEC01	Framing Questionnaire and Conducting Interview	In this lesson student will be able how to make question for data collection and also the process of conducting interview.
Statistical Reasoning for Sociology		By Statistics student can learn to exercise how to interpret raw data to summarize.
SOCHGE01	Indian Society : Images and Realities	It explore clear picture about Indian Society that will help student explain Indian Society from Sociological point of view.
SOCHGE02	Gender and Violence	It endow student with full phased knowledge about gender differences, sexual assault, domestic violence etc.
SOCHGE03	Sociology of Social Movements	It convey the long History of social movements, social issues.
SOCHGE04	Population and Society	Population is related to every part of Society. By understanding marriages, reproduction or births, mortality or deaths, migration students can able to anticipate the parallel relation within economy, Society, and population.

Program Name: Sociology General

Course code	Course Name	Course Outcome
SOCGCC01	<i>Introduction to Sociology</i>	It will enrich the understanding level of students about sociology, the subject matter, causes of origin as a discipline, and differences from other social sciences. This

		topic helps to start thinking through a sociological perspective and makes us able to understand Society.
SOCGCC02	Sociology of India	Through this topic, students will be enriched with the social structure of pre-British India and also the post-British era, rural social structure, caste system, and agrarian economic system along with overall social issues and challenges.
SOCGCC03	Sociological Theories	Sociological theory gives a way to think, speak about, describe, and interpret various human behavior that will increase a greater conviction in Society.
SOCGCC04	Methods of Sociological Enquiry	It gives students the tools for scientific study as well as theoretical knowledge.
SOCGDS01A	Social Stratification	It enables full-phase knowledge about social order, ranking, social role and status, category of people by different types of profession, education, race, ethnicity, etc. Also, social Stratification defines social justice, inequality, role conflict, social issues, and challenges.
SOCGDS01B	Marriage, Family and Kinship	I.T. will make sense of the basic and most fundamental institutions of Society. These three institutions are most important to actualize the functioning process of Society.
SOCGSE01	Framing Questionnaire and Conducting Interview	In this lesson, students will be able how to ask questions for data collection and also the process of conducting interviews.
SOCGSE02	Handling Data: Coding and Tabulation	This is the part of social research before reaching to conclusion, here students learn how to classify and deal with data.
SOCGSE03	Gender Sensitization	The given course familiarizes students with Gender, sex, gender identity, gender crisis, social barriers for women, and their History of oppression, exploitation, and social injustice.
SOCGSE04	Project and Report Writing	This course will develop student's analytical skills, reasoning ability, and decision-making power. This course will give students practical knowledge and also problem-solving maturity.
SOCGGE01	Invitation to Sociology	This topic will enhance the knowledge about sociology as a discipline, and also about basic concepts.
SOCGGE02	Sociological Theories	Sociological theory gives a way to think, speak about, describe, and interpret various human behavior that will increase a greater conviction in Society.

Program Name: Botany General

Course code	Course Name	Course Outcome
BOTGCC01	Biodiversity (Microbes, Algae, Fungi and Archegoniate)	Understanding of the lower plant groups and Microbial world.
BOTGCC02	Plant Ecology and Taxonomy	To know about the inter relationship between plant and environment and plant conservation.
BOTGCC03	Plant Anatomy and Embryology	To understand about the different plant parts and internal structure.
BOTGCC04	Plant Physiology and Metabolism	To know about the plant life process.
BOTGSE01	Biofertilizer	General account about the microbes used as Biofertilizer.
	Nursery and Gardening	General account about the nursery and gardening techniques.
BOTGSE02	Mushroom Culture Technology	Cultivation Technology of different species of edible mushroom.
	Herbal Technology	General account of medicinal plants and their uses in relation to drug production.
BOTGSE03	Ethnobotany	Know about the use of traditional plants.
	Floriculture	General account of floriculture techniques.
BOTGSE04	Medicinal Botany	General account of use of plants in classical medicinal systems.
BOTGDS01	Economic Botany and Biotechnology	General account of economic plants and biotechnological techniques related to plant improvement.
BOTGDS02	Genetics and plant breeding	General account of heredity and genetics related to plant and breeding techniques leading to improved crop varieties.

Program Name: Physiology General

Course code	Course Name	Course Outcome
PHYGCC01	Cellular Physiology, Biophysical Principles, Biochemistry, Digestive system & Metabolism	Structure-function relationship of cells with their Biochemical and Biophysical properties. Study about the processes of digestion and absorption of food.
PHYGCC02	Blood, body fluid, and immune System, Cardiovascular System and Respiratory	Study about the hemodynamics and its functional relationship with the cardiovascular system.

	System.	
PHYGCC03	Nerve –Muscle Physiology, Nervous system, Skin and Body Temperature Regulation	Study about structural components of the human nervous system and their function. Structure-function relationship of nerve and muscle.
PHYGCC04	Sensory Physiology, Endocrine and Reproductive System, Renal Physiology	Studying the human special senses and the idea of the human reproduction with its relationship with hormones.
PHYDSE01	Community Nutrition and Public Health	Study of nutritional status and health-related issues of the public about physiology.
PHYDSE02	Developmental aspects of embryo and fetus	General concepts of the reproductive system. Stem cell: characteristics and applications.

Program Name: Zoology General

Course code	Course Name	Course Outcome
ZOOGCC01	Animal diversity	Knowledge about general characters and classification of nonchordate group; Special identifying features about unique characters in respective non- chordate group is highlighted; practical- Study of chordate specimens and permanent slides of species-oriented characters.
	Practical	Temporary slide preparation and studied through prepared slides. Study of museum specimens (invertebrate).
ZOOGCC02	Comparative anatomy and Developmental Biology of of vertebrates	Study of comparative anatomy and embryonic development of Vertebrates.
	Practical	Temporary slide preparation and studied through prepared slides.

		Study of developmental stages of model organism, Placenta.
ZOOGCC03	Physiology and Biochemistry	Enlightenment about the various physiological functions of human body Defining and explaining the basic principles of biochemistry and bioenergetics useful for biological studies for illustrating different their structure, function and metabolism.
	Practical	Practice and preparation of tissue slides. Different methods of carbohydrates and protein estimation.
ZOOGCC04	Genetics and Evolutionary Biology	Study of human genetics and evolutionary biology along with Speciation concept. To acquire knowledge about the evolutionary History of earth (living and non-living). To study the distribution of animals on earth, its pattern, evolution and causative factors and its adaptation
	Practical	Practice of inheritance of gene interaction and human karyotyping. Fossil, evolutionary trends by models and charts.
ZOOGSE01/SEC-1	Apiculture	Explain the prerequisites to get started in beekeeping. Describe the laws around beekeeping. Discuss the responsibilities of urban beekeepers. Identify where to purchase equipment and demonstrate how to assemble It. Name and identify major parts of the honeybee such as the stinger or mandibular parts.. Describe bee biology and anatomy from the perspective of managing bees. Describe the importance of wax and identify what to look for in comb during hive inspections.
ZOOGSE02/SEC-2	Aquarium fish Keeping	Knowledge about aquarium fishes and their rearing and maintenance
ZOOGSE03/SEC-3	Medical Diagnostics	Enlighten on diagnostic methods for study of blood, urine and types of diseases.
ZOOGSE03/SEC-3	Research Methodology	To keep aware various ways of performing research, How to analyze ways and findings of a research.
ZOOGSE04 /SEC-4	Sericulture	Study of biology, rearing and economy of silkworms, Sericulture perspective, Modern sericulture part and parcel.
ZOOGDS01/DSE-1	Applied Zoology or Aquatic	Knowledge about epidemiology of diseases, parasitic interactions along with their life cycle and animal farming technology or study of different types of aquatic biomes and management of aquatic

	Biology or Immunology	resources or overview of immune system and its role in health and disease. Identify the major cellular and tissue components which comprise the innate and adaptive immune system. Understand how are immune responses by CD4 and CD8 T cells, and B cells, initiated and regulated. Understand the immune system distinguish self from non-self. Gain experience at reading and evaluating the scientific Literature in the area.
	Practical	Demonstration of immune organ and their study. Study of some immune-techniques
ZOOGDS02/DSE-2	Animal Biotechnology or Reproductive Biology or Insect, Vector and Diseases	Study of molecular techniques in gene manipulation or study of functional anatomy of male and female reproduction or study of various groups of insects and their role as vectors. Disease epidemiology
	Practical	Identification and analysis of major vectors borne disease and their vectors

Program Name: Environmental Science

Course code	Course Name	Course Outcome
AECC-2	Environmental Studies	Environmental Studies (AECC-2) is a compulsory course for all bachelor degree courses/ which aims to encourage students as well as people about surrounding livelihood and environment. It also builds up the eyes of carrying for Mother Nature. The learners of Environmental Studies (AECC-2) course are expected to be committed to their Society and neighbouring environment. They will build their mind as well as people of their Society for concerning the environment and other global problem and their probable solution and our stands to short out them. Global problems, like pollution, water crisis, sustainable use of resources, global warming and ozone layer depletion and many more are discussed here.



PRINCIPAL
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Mohanpur, Govt. of W.B.