

● PROGRAMMES OFFERED: B.A. HONOURS

Programme Outcome: B.A Honours

- a) Students graduating through B.A. Hons Programme from this college are expected develop an analytical skill which will enable them to solve the problem related issues that he faces in next level of studies.
- b) Students, although at the initial stage after getting admission faces difficulty in their language skill, but when they pass the programme, they are expected to become pretty able to communicate their understanding in the subject.
- c) Students of this programme will become capable to ask questions, critically appreciate a scholarly presentation of any form and debate upon the issues which invite cross discussions.
- d) Students graduating from this college in this programme become able to relate the social and national issues to what they have learnt from their books and in the classroom situations.
- e) Project work and field study give them an experience to learn by themselves and experiment with the theoretical knowledge that they were given within the four wall of the classroom.
- f) Students completing the programme become confident in the sense that they feel they are employable.
- g) This college trains the students to undertake primary level of research work and thus they become motivated for advanced research when they go for higher studies.
- h) The programme instill among the students the greater values of life to become worthy citizen of the country.

B.A. HONOURS PROGRAMME	
Name of the Programme	Programme Specific Outcome
B.A. Bengali Honours Programme	<ol style="list-style-type: none"> 1. Students are expected to develop the language skill to communicate both in writing and verbally. 2. It is expected that at the end of the programme students will get a fair knowledge of the development of Bengali literature vis-à-vis its culture – how it emerged, evolved and sustained despite several upheavals. 3. After graduating they are expected to grow the sense of art and literature that will enable them to understand better the human social and cultural relationships. 4. Students will also become able to undertake some hands-on experimentation with cultural growth and trends of their own locality. 5. Students will also become able to appreciate the art and literature. 6. Students are also expected to learn analytical skills while learning the appreciation ability.
B.A. English Honours Programme	<ol style="list-style-type: none"> 1. Awareness of the history of, and current trends in, English literatures. 2. Detailed study of several texts representative of these historical and current trends. 3. The ability to analyse and compare political, social, and cultural,

	<p>influences in shaping literary trends and tendencies across history, and down to the present.</p> <ol style="list-style-type: none"> 4. The ability to comprehend rapidly changing philosophical milieus in terms of their impact on politics, society, and culture, as seen through literature. 5. The ability to interpret texts and passages to recover deeper layers of meaning and relevance. 6. The capacity to write creatively. 7. The ability to proofread, edit, write copy, and know the basics of print and media advertising. 8. Knowledge of research methodologies, writing strategies, and public presentations using multimedia. 9. The awareness of photographic documentation and its innate link to history and literature. 10. Competence in practical translation. 11. Aptitude for planning, editing, and publishing magazines and journals. 12. Basic organisational skills through organisation of seminars and workshops. 13. Information about and awareness of the cinematic adaptation of literary texts. 14. The knack to adapt to new technologies and their impact on literature.
<p>B.A. Sanskrit Honours Programme</p>	<ol style="list-style-type: none"> 1. Students are expected to develop the Sanskrit language skill to communicate both in writing and verbally. 2. It is expected that at the end of the programme students will get a fair knowledge of the development of Sanskrit language and literature vis-à-vis its culture – how it emerged, evolved and sustained through the passage of more than thousand years. 3. After graduating they are expected to grow the sense of art and literature that will enable them to understand better the human social and cultural relationships. 4. Students will also become able to appreciate the art and literature, especially in terms of great Indian heritage which is embedded in Sanskrit literature. 5. Students are also expected to learn analytical skills while learning the appreciation ability.
<p>B.A. Political Science Honours Programme</p>	<ol style="list-style-type: none"> 1. A basic understanding of the Programme creates capabilities to articulate and participate as an informed and responsible citizen who has a direct role to play in nation-building. 2. The Programme provides an introduction to the dynamics of Indian politics. 3. This activity equips the student for competitive exams conducted by UPSC, WBPS, SSC, NET, SET and enhances employability. 4. For those opting for a career in politics, study of this Programme greatly props ones meaningful engagement with policymaking and its implementation by developing relevant skills. 5. With an exposure to the functioning of different political systems across the world and their constitutions and governing structures,

	<p>students would have a leeway in taking up leadership roles as a result of this activity that enhances skills.</p>
<p>B.A. History Honours Programme</p>	<ol style="list-style-type: none"> 1. The students will get a broad overview of the chronological span ranging from the prehistoric to the contemporary era with a focus on South Asia. Besides, students would be acquainted with aspects of East Asia, West Asia and Europe. 2. The students would be able to grasp historical trends, historiography and historical debates after completion of programme. 3. The Department has designed the syllabus keeping in mind the growing demands of the students to take NET/SET or other academic competitive examinations like, Teacher Eligibility Test (TET), School Service Commission (SSC), and other competitive examinations like the Civil Service Examinations. 4. The Project Paper is intended to give the students a firsthand feel of independent research and act as a foundation for their future research activities. 5. The papers presented as part of the Project Paper are collated in a departmental publication, "Itihas Charcha". It is a ISBN publication which offers a unique opportunity to inculcate the research potentiality among students. 6. The department takes a proactive role in orienting the students for soft skill which is now an essential requisite for the scholars who intend to pursue higher studies and research.
<p>B.A. Philosophy Honours Programme</p>	<ol style="list-style-type: none"> 1. B.A. Philosophy Honours students will be able to acquire knowledge that is vital to the discipline of philosophy, including knowledge of core concepts, distinctions, theories, argumentative techniques, movements, and influential figures, within the core fields of aesthetics, ethics, epistemology, logic, metaphysics, and social & political philosophy. 2. B.A. Philosophy Honours students will be able to reason clearly and carefully, employing the principles of logic to construct cogent arguments in both speech and writing. Their capacity to reason clearly and carefully will be manifest in their use of a) deductive reasoning skills, wherein the conclusion is embedded in the conditions that are known, given, or accepted, and b) inductive reasoning skills, wherein one must reason beyond the conditions that are known, given, or accepted. 3. B.A. Philosophy Honours students will be able to speak and write clearly and cogently. 4. B.A. Philosophy Honours students will be able to think creatively and independently, exploring possibilities beyond those entrenched in prevailing opinion and practice. 5. B.A. Philosophy Honours students will develop a strong set of critical, imaginative and informed reasoning skills, will be able to understand the nature of the human mind, language, morality, politics, art, logic and will also become aware of the world, environment and speculate 'hereafter'.

● PROGRAMMES OFFERED: B.SC. HONOURS

Programme Outcome: B.Sc. Honours

- a) Students pass out this programme become adept in hands-on activities.
- b) Students get conversant with different recent trends of scientific works happening in and around.
- c) Students become workable force and thus if they want they can opt for job and/or such training courses.
- d) Students become highly cognizant of the expansion of the learning in their respective field which enables them to get admitted to the premier institutes of the country.
- e) An aptitude to research is also stimulated in the minds of this budding generation which prompts them to take up some projects in good laboratories of the country after completing the programme.
- f) Students ripen their investigative proficiency so that they can open up the entrances of the future knowledge world.
- g) One most significant outcome of the programme is the inculcation of higher values of life among the learners that enable them to face any hazard of the future life.

B.SC. HONOURS PROGRAMME	
Name of the Programme	Programme Specific Outcome
B.Sc. Physics Honours Programme	<ol style="list-style-type: none"> 1. Curricula developed are related to understand the basic Physics, its significance at global level and our day today encounter with technologies surrounding us requiring our daily needs. 2. The knowledge of Physics is essential for understanding development of technologies. 3. The knowledge and conception about topics in courses are essential to understand the higher level physics and engineering and research. 4. Together with aforesaid the curricula is entangled with Lab work designed to develop basic instruments handling capabilities, generate working experiences with the electrical and electronics circuits and optical instruments, practical knowledge of circuit construction of basic building block of electronic devices, skill to measure the physical properties of materials which provides a taste of research work helpful in future studies.
B.Sc. Mathematics Honours Programme	<ol style="list-style-type: none"> 1. Development of logical and analytical skills for abstract thinking which is required for higher studies. 2. Learn advanced topics in Mathematics that will pave their way for further studies in Mathematics. 3. Formulation of mathematical problems from real life situations- their analysis and possible solutions. 4. Learn to quantitatively and qualitatively analyse given information in a productive way. 5. Learn mathematical techniques required for jobs in educational, banking, corporate, IT sectors, etc.

<p>B.Sc. Computer Science Honours Programme</p>	<ol style="list-style-type: none"> 1. Ability to apply knowledge of computing and computational mathematics that are relevant and appropriate to the domain. 2. Ability to analyse a real life problem, identify and define the computing requirements, which may be appropriate to its solution. 3. Ability to design, implement and evaluate computer-based system, process, component, or program to meet desired needs. 4. Understanding of professional, ethical, legal, security, social issues and responsibilities related to the domain. 5. Ability to analyse the local and global impact of computing on individuals, organizations, and society. 6. Ability to incorporate IT based solutions and services to the society. 7. Ability to use and apply current technical concepts and practices in the core development of solutions in the form of Information Technology. 8. Development of ability to assist and manages the execution of an effective project plan.
<p>B.Sc. Microbiology Honours Programme</p>	<ol style="list-style-type: none"> 1. Students will be able to acquire, articulate, retain and apply specialized language and knowledge relevant to microbiology. 2. Students will acquire and demonstrate competency in laboratory safety and in routine and specialized microbiological laboratory skills applicable to microbiological research or clinical methods, including accurately reporting observations and analysis. 3. Students will communicate scientific concepts, experimental results and analytical arguments clearly and concisely, both verbally and in writing. 4. Students will demonstrate engagement in the Microbiology discipline through involvement in research or internship activities, and outreach or mentoring activities specific to microbiology.
<p>B.Sc. Zoology Honours Programme</p>	<ol style="list-style-type: none"> 1. Correlating the theoretical knowledge with practical curricula to develop a holistic idea on various animal forms and their functions in light of evolution. 2. Learning the basic biological principles and processes to understand ecology and environment and their proper functioning both theoretically and by a local excursion to obtain and record various data and their subsequent analysis to holistically understand ecology in silico. 3. Developing knowledge of underlying molecular mechanisms of various genetic and cellular phenomena by performing biotechnological techniques to co-relate theoretical molecular genetics and cell biology knowledge. 4. Development of bio-chemical background in various physiological processes to relate the various levels of organisation and interaction amongst them to ensure proper functionality of an individual. 5. Grooming for higher studies by carrying out a mandatory summer trainee program to develop the skills to present and defend any zoological problem in a scientific and structured manner.
<p>B.Sc. Chemistry</p>	<ol style="list-style-type: none"> 1. Having a firm foundation on the basis of the theoretical concepts associated with all the three branches of Chemistry : organic,

<p>Honours Programme</p>	<p>inorganic and physical.</p> <ol style="list-style-type: none"> 2. Have mastered the reasoning and intuition to predict the possible outcomes of an unknown chemical reaction and proposing a probable mechanism of the same. 3. have developed the insight for designing the syntheses of complex molecules starting with simpler ones under the laboratory condition. 4. have acquired the skill to solve chemical problems employing relevant mathematical models. 5. have developed the understanding of basic logic for computer programming and being able to write simple codes for solving chemical problems. 6. be able to design, carry out experiments to measure physio-chemical constants associated with a material or chemical reaction with the aid of basic instruments available in the lab and interpret the corresponding results. 7. having themselves well acquainted with the style, format and language of scientific writing, being able to communicate their own finding and results in verbal, written, electronic formats. 8. be able to explore independently into the avenues of frontier research, both fundamental and applied.
<p>B.Sc. Industrial Chemistry Honours Programme</p>	<ol style="list-style-type: none"> 1. Students will gain knowledge the basic concepts of specified branches of chemical sciences, viz. Inorganic, Organic, Physical and Analytical Chemistry. 2. Students will become familiar with the different applied traits of chemistry such as Materials Science, Fuel and Furnaces, Polymer technology, Petroleum Industries, Heavy Organic & Inorganic Chemicals, Environmental Pollution & Management, Industrial Process safety etc. 3. Students will learn the different qualitative and quantitative method for characterization of various Industrial components. This thorough process is to encourage building their carrier as chemist or analyst in chemical industries. 4. Industrial visit and training will extend their knowledge in different industrially scalable synthetic processes, quality controls and their applications in Industry.
<p>B.Sc. Economics Honours Programme</p>	<ol style="list-style-type: none"> 1. Introduces the students to the basic tools for analysing economic issues. 2. Enables the students to identify basic problems of the economy and to identify probable solutions. 3. Provides an in-depth analysis of the issues related to the Indian economy with special focus on West Bengal. 4. Acquaints the students with the global economic environment.

● PROGRAMMES OFFERED: M.A. COURSES

Programme Outcome: M.A. Courses

- a) Students progressing through M.A. Programme from this institution mature themselves for a systematic and critical study of the things that enhances their capability to answer and explain the difficult arguments that they face in next level of studies.
- b) Interactive aptitude is boosted up as an outcome of this programme and a student becomes competent enough to present his own views independently.
- c) This programme makes it learners accomplished to judgementsly appreciate an academic demonstration of any sort.
- d) This programme also inspires the students from to actively participate in different socio-economic-cultural activities of which they have been theoretically taught in classroom situation.
- e) Project work and field study provide them with an encouragement for self-learning.
- f) Students passing out from this programme turn out to be employable.
- g) This programme further motivates the students to commence systematic and structured research in several and unexplored arena of knowledge.
- h) The most significant outcome of the programme is that the students imbibe greater values of life when they pass out from here.

M.A. PROGRAMME	
Name of the Programme	Programme Specific Outcome
M.A. Bengali Programme	<ol style="list-style-type: none"> 1. Students are expected to learn the higher level of Bengali Language and Literature. 2. Students will also learn the comparative approaches to get a broader view of literature. 3. Students are expected to learn the reading ability of old manuscripts. 4. Students will also learn the diverse cultures – folk and tribal cultures. 5. Students are expected to learn the relation between other Indian literatures and Bengali.
M.A. Sanskrit Programme	<ol style="list-style-type: none"> 1. Students are expected to learn the higher level of Sanskrit Language and Literature. 2. Students will also learn the comparative approaches to get a broader view of literature. 3. Students are expected to learn the reading ability of old manuscripts. 4. Students will also learn the diverse cultures and philosophical doctrines that are manifested through Sanskrit Language. 5. Students are expected to learn the relation between other Indian literatures and Sanskrit.
M.A. Philosophy Programme	<ol style="list-style-type: none"> 1. Philosophy M.A. students will be able to reason undoubtedly and judiciously, engaging the doctrines of the subjects to construct cogent arguments in both speech and writing. Philosophy M.A. graduates will be able to speak and write clearly and cogently. 2. Philosophy M.A. students will be able to think creatively and

independently, exploring possibilities beyond those entrenched in prevailing opinion and practice. Finally, this creativity and independence are evident in the student's use of inductive reasoning skills to make inferences that move beyond conditions that are known, given, or accepted.

3. Philosophy M.A. students will be able to conceive, research, and write substantial philosophical essays of the sort published in professional philosophy journals.

4. Philosophy M.A. students will be able to present clearly the results of their research in presentations of the sort that occur at professional philosophical conferences and colloquia.

● PROGRAMMES OFFERED: M.SC.

Programme Outcome: M.Sc.

- a) One of the important outcomes of this programme is the exposure of the students to the recent advances that the world is doing in the related fields.
- b) This programme also enables its learners to come across with different practical applications of their theoretical study.
- c) These programmes further enable the students to be employable in any allied sector.
- d) Project work and field study provide them with an encouragement for self-learning.
- e) Research Motivation is also another significant outcome that the students are endowed with on the completion of the programme.
- f) Most importantly, the programme inculcate among the students the higher values of life which enable them stand amidst the odds of the life with a strong characteristic feature.

M.SC. PROGRAMME	
Name of the Programme	Programme Specific Outcome
M.Sc. Mathematics Programme	<ol style="list-style-type: none"> 1. Well trained workforce required for teaching-learning support for schools, colleges and other educational institutes. 2. Learn to use various interactive teaching methods which can be used to develop need based Mathematics teaching-learning resources. 3. Professionally competent individuals prepared to take up challenges in basic, fundamental and interdisciplinary research in mathematical, engineering, software, mathematical biology and other interdisciplinary areas. 4. Learn mathematical techniques required for jobs in banking, corporate, IT sectors, etc. 5. Formulation of mathematical problems from real life situations- their analysis and possible solutions. 6. Students will be well prepared for lectureship and fellowship exams approved by UGC like CSIR – NET and SET.
M.Sc. Applied Chemistry Programme	<ol style="list-style-type: none"> 1. To know and understand the fundamental concepts of chemical sciences upto a deeper level. 2. Keeping the through concepts of basic chemistry intact, the students will further explore the current trends in applied chemistry. 3. Students will learn the different qualitative and quantitative methods for characterization of various industrial components. This thorough process is to favour their carrier as chemist or analyst in chemical industries. 4. Special focus has been devoted in Materials Chemistry and Polymer Science field to exercise their fortunes in Industry as well as 'inter-disciplinary academic opportunities'. 5. First hand research experience during their M.Sc project tenure, will boost the students in pursuing fundamental research as well as their prospects in R & D sectors of different industries.

● PROGRAMMES OFFERED: M.PHIL.

Programme Outcome: M.Phil.

- a) This Programme provides the learners to get acquainted with the research scope available in their area of specializations.
- c) They become able in computational techniques which assist them to make their research modern and smooth.
- b) The students of this programme are also expected to be able to identify the research problems in their subjects.
- d) They are also expected to know the higher standard of courses that will enable them to excel in research work.
- e) Alongwith pursuing research programme they also become conversant with the value system of this institution that helps one to develop the high ethical standard which is also mandatory in any research work.

M.PHIL. PROGRAMME	
Name of the Programme	Programme Specific Outcome
M.Phil. Bengali Programme	<ol style="list-style-type: none"> 1. Students will get introduced with Research Methods. 2. Students will also become able to learn the computational techniques to address the research problems. 3. Students are expected to unveil the innovative research areas and will contribute to Bengali language and literature research domain.
M.Phil. Sanskrit Programme	<ol style="list-style-type: none"> 1. Students will get introduced with Research Methods. 2. Students will also become able to learn the computational techniques to address the research problems. 3. Students are expected to unveil the innovative research areas and will contribute to Sanskrit language and literature research domain.
M.Phil. Philosophy Programme	<ol style="list-style-type: none"> 1. The student can acquire a skill which leads him to reach to research problems as well as the solutions. 2. The course work of this programme teaches the student about research methodology. 3. He can sketch a research design and go through it. 4. He is also expected to use computational skills to enrich his research work.

● PROGRAMMES OFFERED: PH.D.

Programme Outcome: Ph.D.

- a) All researchers are oriented to develop the capacity to become innovative in his research work.
- b) Researchers are also expected to find out their research problems in such a way that their work becomes socially viable.
- c) Researchers are expected to deploy different modern techniques including digital ones to make the research a high quality one.
- d) All researchers are also expected to maintain a high ethical standard so that their researchers can contribute to the development of an individual and the country as well.

PH.D. PROGRAMME	
Name of the Programme	Programme Specific Outcome
Ph.D. Bengali Programme	<ol style="list-style-type: none"> 1. Students are expected to find out the research problems. 2. Students are also expected to learn how to delve into the depth of Bengali knowledge domain. 3. At the end of the programme it is expected that graduates will be able to add to the knowledge world of Bengali with some innovative thought and will create new avenues for further research.
Ph.D. Sanskrit Programme	<ol style="list-style-type: none"> 1. Students are expected to find out the research problems. 2. Students are also expected to learn how to delve into the depth of Sanskrit knowledge domain. 3. At the end of the programme it is expected that graduates will be able to add to the knowledge world of Sanskrit with some innovative thought and will create new avenues for further research.
Ph.D. Philosophy Programme	<ol style="list-style-type: none"> 1. The student is expected to learn how to identify the research problem. 2. He is also expected to learn the methods of research. 3. On the completion of the programme he is also expected to find out some innovative truth that will help him and also others to go for further search and thus add to the domain of knowledge.
Ph.D. Mathematics Programme	<ol style="list-style-type: none"> 1. Successful doctoral students will have their original research works published in reputed journals. 2. They will be well trained in mathematical tools required for further research in basic, fundamental and interdisciplinary areas of mathematical, engineering, software, mathematical biology and other interdisciplinary areas. 3. Successful students will be able to effectively express their mathematical knowledge and understanding through publications, seminars, classroom teaching, or other means. 4. Learn to use various Interactive teaching methods which can be used to develop need based Mathematics teaching-learning resources.

	<p>5. They will be able to contribute as researchers in designing various curriculum and evaluating reforms required for improving standard of Mathematics Education.</p> <p>6. Learn mathematical techniques required for various research oriented jobs in banking, corporate, IT sectors, health sectors, etc.</p> <p>7. Successful doctoral students will be eligible for assistant professor in various educational institutes.</p>
<p>Ph.D. Applied Chemistry Programme</p>	<p>1. Students get introduced to the latest and high end research that is being carried out in the best institutes of the country and abroad.</p> <p>2. Students get encouraged to handle the high end sophisticated equipment directly in the laboratories and thus they become technically experts to harness the issues of instrumentation which generally crop up in industries and research laboratories.</p> <p>3. Students become familiar to the publication ethics, policy and procedures so that they themselves can start publishing in best journals in this field.</p> <p>4. Students are introduced to the patenting policies and are trained to even fabricate some equipment. This leads the research directly to the work field.</p>