

## Course Outcome: New Syllabus under CBCS

The New Syllabus of Honours under semester with CBCS comprises of 14 Core Courses (CC), 2 Skill Enhancement Courses (SEC), 4 Discipline Specific Elective Courses (DSE), 4 Generic Elective Courses (GE), and two Ability Enhancement Compulsory Courses (AECC).

### **B.A. Honours in Bengali:**

Though the Major thrust areas and important generic components of Bengali Literature i.e. the History of Bengali Literature, Rhetoric and Prosody, *Padavali* and *Mangal Kavya*, Poetry, Drama, Novel, Short Story, Essay, Grammar, and Linguistics remain the same, the students are encouraged to pursue cross cultural studies with the introduction of the Bengali Folk Literature and histories of English and Sanskrit Literatures respectively. In this new system the introduction of Bengali Grammar and Stylistics as parts of Skill Enhancement Courses equip students with career-oriented training.

### **B.A. Honours in Education:**

The core courses of Honours in Education under CBCS offer analytical view regarding the Educational Philosophy and Psychology, including educational laws. It gives an overview of Educational Psychology with special emphasis upon the History of Education in India from the earliest to the modern times. The course focuses on Educational Administration, Educational Guidance and Counselling, and Yoga Education. The Skill Enhancement Course in this discipline emphasizes on survey method and on computer application in Education that helps students to become technically efficient while entering teaching profession.

### **B.A. Honours in English:**

The new syllabus under CBCS in English focuses on seminal texts of Sanskrit Literature in translation that provides students knowledge on the origin of Indian Literature and ethos. While retaining the defining eras of English Literature, the course gives emphasis on American Literature, Popular Literature, Women's Writing, Travel Narrative, Partition Literature, Literary Theory and Criticism, and Research Methodology, all of that help to broaden the perspective of students regarding the literary scenario of the world. Besides, students are trained on Academic Writing, Translation Studies, Creative Writing, ELT, Film

Studies and Communicative English as parts of Skill Enhancement Course that offer students a job-oriented multidisciplinary approach. Moreover, the philosophies behind the literatures of great minds taught in the course would help them develop a humane perspective.

### **B.A. Honours in History:**

Apart from focusing on major historical eras, the new syllabus of History under CBCS gives emphasis on vocational aspects of the discipline by training the students on Archives and Museums in India for understanding the cultural heritage of the country, students are also given courses on the popular culture of India and Art Appreciation. In the New Syllabus of Honours in History there is an attempt to acquaint the students with changing cultural patterns of world civilization, an aspect that goes in tandem with the recent trends of Culture Studies.

### **B.A. Honours in Music:**

This course gives the students a comprehensive knowledge in both theoretical and practical fields about the History of Indian Music with emphasis on the knowledge of Raga and Tala. The course focuses on different components of Indian classical Music and its many genres i.e. Dhrupad, Khayal, Thumri, Tappa and Bhajan. Besides, it gives special emphasis on Rabindra Sangit and other significant Bengali songs. The New Syllabus of Honours in Music under CBCS projects on Computer Application and Stage Demonstration as parts of Skill Enhancement Course and Discipline Specific Course. It also provides technical training of Musicology to students, which grooms them for their professional field.

### **B.A. Honours in Philosophy:**

The New Syllabus under CBCS retains its focus on a comprehensive outline of Indian and Western Philosophy, Ethics and Logic (both Indian and Western schools). Besides they are given ideas about Psychology and Socio-political Philosophy, Philosophy of Religion, and philosophical analysis of the things mundane and other worldly. The course aims to instil within the minds of the students the values of tolerance, love for our native culture and society, indigenous ethos of universal brotherhood. Philosophy in Practice and Philosophy of Human Rights as parts of Skill Enhancement Course enable students to have a clearer view about Indian Constitution and Indian Legal System.

### **B.A. Honours in Political Science:**

Besides focusing on the traditional topics of discussion in this discipline, i.e. Political Theory and schools of Western and Indian political thought, followed by an in depth study about government and politics of India, international relations, sociology and public administration, the New Syllabus under CBCS gives emphasis on a comparative study of politics and Indian Local Government. As part of Skill Enhancement Course the discipline introduces Legislative Support, Peace and Conflict Resolution, Public Opinion and Survey Research and Democratic Awareness through Legal Literacy and thereby it seeks to develop within the students the socio-political consciousness to cope with the changing world situations and challenges. The different sub-fields of the mother discipline Political Science are so interwoven as to enable the students to contextualise the issues of politics in a broader theoretical perspective. The newness in the present syllabus is that it tries to inculcate a habit of delving into political matters and also encourages to do research.

### **B.A. Honours in Sanskrit:**

Besides offering a broad perspective about traditional components of Sanskrit Literature, i.e. Sanskrit Poetry, Poetics, Drama and Dramaturgy, Sanskrit Grammar, History of Sanskrit Literature, Elements of Sanskrit Linguistics, Indian Philosophy and Logic, the New Syllabus of Sanskrit under CBCS trains the students into reading and writing of *Brahmi* Scripts, Sanskrit Grammar and Translation. It also gives lessons about spoken Sanskrit and thereby enriches the professional capabilities of the students. The course aims to school its students in essentially Indian ethos and culture through the study of Sanskrit Language and Literature and makes them aware of the great philosophical vision treasured in the rich repertoire of literature.

### **B.A. Honours in Economics:**

In the New Syllabus of Economics under CBCS the students are offered a comprehensive knowledge of Microeconomic and Macroeconomic theories, Mathematical Economics and Statistical Methods with a special emphasis of Indian Economic history, International Economics, including its Finance and Capital Market, Indian Economic Planning, Banking and Environmental Economics. As part of Skill Enhancement Course the discipline introduces the analytical studies of Indian Official Statistics, Insurance Market and Products,

Managerial Economics, Basic Computer Applications, Indian Stock Market Trading and Business Project Formulation and thereby the course is designed primarily to develop students' pragmatic attitude to life and economic environment of the society at large. The knowledge acquired by the students undergoing this course can enable them to frame policies and plan at both micro and macro levels in the fast changing scenario of the global capitalist market economy.

### **B.A. Honours in Geography:**

The New Syllabus of Honours in Geography under CBCS focuses on modern geographical methods like Remote Sensing and GIS, Statistical Methods in Geography, Advanced Spatial Statistical Techniques, and Field Survey and thereby open new ways of applied geographical methods. Human Geography, Economic Geography, Cartograms, Thematic Mapping and Disaster Management become important components of this course that focus on the application of this discipline in life. The students get a thorough knowledge of applied geographical techniques, survey, and field reports through this course, with an idea of interdisciplinary discourse inbuilt, like other disciplines, in the subject itself.

### **B.A. General in Arts:**

The B.A. General Course in Arts under CBCS follow the similar course patterns and syllabi of the disciplines taught in the institution i.e. Bengali, English, Sanskrit, History, Political Science, Economics, Geography, Economics, Physical Education, Music and Education. In this course students are offered a broad perspective about both theoretical and technical aspects of these disciplines.

### **B. Sc. Honours in Botany:**

The New Syllabus of Botany under CBCS besides focusing on the traditional aspects of the discipline i.e. Microbiology, Morphology, Plant Ecology and Taxonomy, Plant Physiology, Cell Biology, Molecular Biology, Plant Biotechnology, Genetics and Plant Breeding, also gives emphasis on vocational aspects of the discipline like Economic Botany, Ethnobotany etc. The Skill Enhancement Courses include Intellectual Property Rights, Study and Culture of Medicinal Plants, Mushroom Culture Technology, Agricultural Botany, Study of Bio-fertilizers, Herbal Technology, Horticulture, Floriculture, Plant Diversity and Human



Welfare, which equip students with professional skills. In depth knowledge of the subject opens up the newer frontiers of research which are potentially rich.

### **B.Sc. Honours in Chemistry:**

The New Syllabus of Chemistry under CBCS offers students a comprehensive theoretical knowledge in the domains of Inorganic, Organic, and Physical Chemistry and equips them with practical skills regarding Inorganic, Analytical, Organic, and Physical experiments along with the preparation of samples. Besides, students are trained in IT Skill in Chemistry, Basic Analytical Chemistry, Pharmaceutical Chemistry, Clinical or Biochemistry that enable them for the professional domain. Students having knowledge of the discipline are in a position to explore newer fields of research and investigation which are continuously widening.

### **B. Sc. Honours in Mathematics:**

The New Syllabus of Honours in mathematics under CBCS provides an introduction to the basic concepts and techniques of Abstract Algebra, Linear Algebra and Number Theory, Differential and Integral Calculus along with Vector Analysis, Geometry, Dynamics of Particles, Metric Spaces, Real and Complex Analysis, Principles of Mechanics, Mathematical Probability and Statistics. The course also puts emphasis on the domains of applied mathematics, which includes Numerical Analysis, Computer Programming, and Computer-Aided Numerical Methods. It also focuses on the new horizons of mathematical analysis through the study of Logic and Sets, Computer Graphics, Object Oriented Programming in C++, Graph Theory and the Study of Operating System (Linux) and MATLAB Programming. Students have a comprehensive idea of Partial Differential Equations and Applications, Number Theory and Point Set Topology, Portfolio Optimization and Boolean algebra, Industrial Mathematics and Bio Mathematics that expand their horizons of knowledge. The newly introduced papers of Boolean algebra and Bio Mathematics have made the discipline much more interesting. In this age, the uses of sophisticated techniques with the help of mathematics open up new horizons of human progress.

### **B.Sc. Honours in Physics:**

The course retains its focus on the fundamental concepts of Physics and practical knowledge of the domains of Applied Physics, i.e. Waves and Oscillations, Properties of Matter,

Thermal Physics, Ray Optics, Electro-Magnetics, Mechanics, Relativity, Statistical Physics, Solid State Physics, Atomic and Molecular Physics, Quantum Theory, Nuclear Physics, and Electronics. However, the New Syllabus under CBCS puts emphasis on Advanced Mathematical Physics, Communication System, Study of Nano-particles, Medical Physics, Astronomy and Astrophysics, Biophysics, Applied Dynamics and Dissertation and introduces several aspects of Applied Physics such as, Renewable Energy and Energy Harvesting or Weather Forecasting, Computational Physics, Study of Electrical Circuits and Network Skills. Like other core subjects of natural science, this subject too has branched itself out to many newer directions, which, in turn help the students to avail of brighter career options in future.

### **B.Sc. Honours in Zoology:**

The main objective of framing this new syllabus is to give the students a holistic understanding of the subject giving substantial emphasis to both the core content and techniques used in Zoology. Besides acquiring knowledge about Systematics, Animal Structures and Functions of both Chordata and Non-Chordata Species Zoogeography, Adaptation and Evolutionary Biology, Cell Biology and Genetics, Biochemistry, Biological Tools and Techniques, Biodiversity Conservation, Ecology, Biometry, Applied Zoology, Microbiology, Molecular Biology & Biotechnology, Human Immunology and Endocrinology, students are encouraged to pay visits to agricultural farm, sericulture, fishery, poultry farm, marine or forest ecosystem to get acquainted with skill-oriented aspects of the discipline. Apiculture, Aquarium Fish Keeping, and Medical Diagnostic Techniques are introduced as Skill Enhancement Courses. In this way keeping in mind and in tune with the changing nature of the subject, adequate emphasis has been given on new techniques and understanding of the subject. The syllabus has also been framed in such a way that the basic skills of subject are taught to the students, and everyone might not need to go for higher studies and the scope of securing a job after graduation will increase. The students are told to be aware of immense potential of the subject as it is considered to be the discipline of the future human civilization.

### **B.Sc. General:**

Students of this course are offered broad perspectives of the disciplines taught in this institution i.e. Physics, Chemistry, Mathematics, Botany and Zoology both in theoretical and

practical terms. Overall the B.Sc. General courses help to develop a rational worldview that enables students to overcome superstitions and taboos prevalent in the society at large.

### **B. Com Honours in Accountancy:**

The New Syllabus of Honours in Accountancy under CBCS retains the fundamental topics of the discipline i.e. Financial Accounting, Cost Accounting, Management Accounting, Financial Management, Business Management, Business Mathematics, Economics and Statistics, Taxation, Auditing and Computer Applications in business, Business and Corporate Law etc. However it introduces the Fundamentals of Marketing Management, Fundamentals of Human Resource Management, Advertising, and Fundamentals of Investment & International Business in different semesters. In this age of globalized economy, the students, passing out, are capable of making themselves highly marketable in the expanding market.

### **B. Com General:**

The course harmonizes its focus areas with the course of B.Com. Honours in Accountancy and trains its students for professional skills likewise.

### **Post Graduate in Bengali:**

The Post-graduate course in Bengali offers students a deep analogical perspective with the study of multiple Bengali texts and texts of other languages in translation, along with generic readings of a myriad number of Bengali texts and their authors. It also offers elective courses in languages other than Bengali (English and Sanskrit in this institution) to develop in students an exposure to literature and cultures of other languages.

### **Post Graduate in English:**

The Post-graduate course in English has been newly introduced from the academic session 2015-2016. The Post-graduate course in English offers students a deep analogical perspective with the study of multiple English texts and texts of other languages in translation, along with generic readings of a myriad number of English texts and their authors. It also offers elective courses in languages other than English (Bengali and Sanskrit in this institution) to develop in students an exposure to literature and cultures of other languages.

### **Post Graduate in Sanskrit:**

The Post-graduate course in Sanskrit has been newly introduced from the academic session 2015-2016. The Post-graduate course in Sanskrit offers students a deep analogical perspective with the study of multiple Sanskrit texts and texts of other languages in translation, along with generic readings of a myriad number of Sanskrit texts and their authors. It also offers elective courses in languages other than Sanskrit (Bengali and English in this institution) to develop in students an exposure to literature and cultures of other languages.

