

## PROGRAM SPECIFIC OUTCOME(PSO)

### CCF

#### ➤ Department of Commerce

- ∂ This four-year commerce program, aligned with the New Education Policy (NEP), prepares students for diverse careers in accounting, taxation, banking, insurance, and corporate law.
- ∂ The curriculum focuses on fostering effective and efficient work practices, equipping students to thrive in a dynamic business landscape.
- ∂ Graduates will be well-prepared for various roles, such as Tax Consultant, Audit Assistant, Financial Services Professional.
- ∂ The program also cultivates essential managerial skills, enabling students to assume key roles as entrepreneurs, managers, and consultants, and to approach critical decision-making with confidence.
- ∂ With a strong foundation, graduates can pursue advanced studies, such as M.Com, professional certifications, including CA, MBA, CMA, ICMA, and CS, enhancing their career prospects in the competitive job market.
- ∂ The program emphasizes skill development through practical training, critical thinking, and innovation, ensuring that graduates are not only knowledgeable but also adaptable and ready to meet the demands of the evolving business environment.
- ∂ This program involves a paper on Value-oriented Life-skill Education (VOLS), essential for developing personal and professional skills like self-awareness, resilience, and ethical decision making, which are crucial for students' career success and integrity in the field.
- ∂ From this program students will demonstrate and understand major concepts of Environment in association with multidisciplinary subjects.
- ∂ Students will be capable of self –directed learning aimed at personal development and for improving knowledge.

➤ **Department of Botany**

- ∂ Develop in depth understanding in various fields of plant science
- ∂ Motivate students for higher education and research
- ∂ Identify plants and their ethnobotanical, pharmaceutical importance and application in industries
- ∂ Develop Job Prospects and Entrepreneurship
- ∂ Laboratory skills, instrumentation, skill enhancement, social wellbeing, environment, sustainability, nature and conservation
- ∂ Presentations, report writing, project writing, scientific article writing, calculations and chart, model preparations
- ∂ Discipline, time management, application of theoretical knowledge , survey, testing in field study

➤ **Department of Computer Science**

- ∂ Knowledge in Hardware and Electronics Devices
- ∂ Proficient in Assembly, Procedural as well as Object Oriented Programming and Scripting Language
- ∂ Knowledge in Computer Networking Communications, Resource management algorithm
- ∂ Knowledge in handling Scientific Calculations in Computer
- ∂ Proficient in Image Compression, 2D Transformation, Video and Image Editing
- ∂ Proficient in Database Management and Query Language vii. Knowledge in various Cryptographic Algorithms
- ∂ Proficient in Software Models and Data Flow Diagram

➤ **Department of English**

- ∂ The learner will develop an understanding of the major concepts, theoretical perspectives and recent areas of studies in English literature.
- ∂ The student will be able to exercise critical thinking in understanding a text and relating them to real life situations.
- ∂ The student will develop a critical approach towards the socio-political and cultural contexts through the study of literary texts.
- ∂ The learner will develop effective communicative skills that will be of advantage in and outside the classroom
- ∂ It will help the student to demonstrate professional competencies in other areas of contemporary relevance and application such as digital learning, creative writing and translation and in research areas.

- ∂ The student will be able to demonstrate competencies required for employment in avenues related to the discipline.

➤ **Department of Food & Nutrition**

∂ Utilize knowledge from the food science, human physiology, nutritional biochemistry, public health, therapeutic diet and food microbiology as a basis for understanding the role of food and nutrients in health and disease prevention.

∂ To develop skill and confidence to make informed decisions about healthy diet in health and disease.

∂ To apply the knowledge of food microbiology, sanitation and hygiene in food production and service

∂ To understand the working and management of the dietary departments of the various organizations.

∂ To gain concepts of food safety and quality managements, national and international food laws and regulations as well as importance of food engineering and packaging in food industry.

∂ To make the students familiar with the technologies of food processing and preservation of plant and animal foods, cereals, pulses, oilseeds, fruits vegetables, spices, meat, fish, poultry, sea food, milk and dairy products.

∂ Explore the science of therapeutic nutrition and learn to design specific dietary plans for individuals with various medical conditions, such as diabetes, cardiovascular diseases, and obesity.

∂ Gain insights into food processing techniques, food preservation, and the impact of technology on the nutritional value of food.

∂ Gather knowledge with the process of planning and management of public health nutrition programme.

➤ **Department of Geography**

∂ Develop a strong foundation of Geotectonics, Geomorphology, Biogeography, Soil Geography and instrumentation techniques and their applications to examine and appreciate the inherent complexity of landscape systems at the micro level.

∂ Understanding the history of the subject; over viewing ancient and contemporary geographical thought and its relationship with modern concepts of empiricism, positivism, radicalism, behaviouralism, idealism etc.

- ∂ Knowledge of demographic patterns, cultural traits, distribution of natural resources, factors of economic growth and development will help to understand the Geo-political situation of the Modern World.
- ∂ Sensitization and awareness about the hazards and disasters to which the subcontinent is vulnerable, and their management.
- ∂ Develop advanced level concepts of Remote Sensing and Geographical Information System and their applications in present-day situations.
- ∂ Improving research abilities through reviewing literature, framing the research problems, preparing a project report collecting physical and socio-economic data, data processing and analysis.
- ∂ Recognize, synthesize and evaluate diverse sources of knowledge, arguments and approaches pertinent to exploring human-environment problems and inculcate a sense of environmental ethics that focus research and concerns on sustainability.

➤ **Department of Journalism & Mass Communication**

- ∂ Students are going to learn introduction to journalism along with idea on news reporting and editing, basic structure of newspaper along with the page set up in print journalism.
- ∂ Students will learn the news, feature & editorial writing techniques, designing a newspaper with techniques of page make up and agency copy editing techniques.
- ∂ Students would have an introductory idea on Radio and TV, their history, growth and function

➤ **Department of Zoology**

- ∂ Taxonomic studies will help the students to learn about animal diversity and help them to identify different organisms and also to group animals systematically.
- ∂ Students will be able to generate understanding on the mendelian & non-mendelian principles in experimental studies while gaining deeper insight in the altercations.
- ∂ Gain knowledge about mutations & its causes.
- ∂ Students will understand life cycles & diseases associated with insects & take measures to prevent them

➤ **Department of History**

- ∂ Understand the background of our religion, customs institutions, administration and so on.
- ∂ Understanding the relationship between the past and the present is lively presented in history.
- ∂ Develop practical skills which helpful in the study and understanding of historical events.
- ∂ Understand the present existing social, political, religious and economic conditions of the people. Develop interests in the study of history and activities relating to history. They are to collect ancient art, old coins and other historical materials; Visit places of historical interest, archaeological sites, museums and archives.
- ∂ Read historical documents, write articles on historical topics etc.
- ∂ The study of history helps to impart moral education. History installs the feeling of patriotism in the hearts of the pupils.

➤ **Department of Political Science:**

- ∂ Critical Understanding of Politics, Society and Culture
- ∂ Students develop an understanding of politics, administration, society, culture, and international relations through exposure to theories and empirical methods.
- ∂ Analysis of Political Issues.
- ∂ Analyse different political issues and models of democracy.
- ∂ Understanding of Indian Constitutionalism.
- ∂ Students develop an understanding of the values and goals embedded in the Constitution and Indian Constitutionalism, including Constitutional Architecture, Institutional Design and the Practice of Constitutional Democracy.
- ∂ Awareness of the Government's functioning.
- ∂ Students develop an awareness of how the Government functions through its various organs at various levels.
- ∂ Students will be acquainted with the changing nature of Governance in the era of globalisation and will become familiar with a rigorous introduction to the best practices in India on Governance.

➤ **Department of Economics**

- ∂ An in-depth knowledge and understanding of fundamental concepts in economics and will be exposed to the real-world data related to industries and society, identifying the problems and working towards their solutions through various analytical techniques.
- ∂ The ability to understand the economic way of thinking and to write clearly expressing an economic point of view and analyze economic behavior in practice

➤ **Department of Bengali**

- ∂ After successful completion of the course, students will be able to develop on Bengali language and literature. Communication skill, critical thinking, moral and ethical awareness, child literature, multi-cultural competence, team work, self-directed lifelong learning will be gain by this course.

➤ **Department of Chemistry**

- ∂ The Syllabus is well-designed so that students graduating with Chemistry will have a firm foundation in the fundamentals and application of theories of Physical Organic and Inorganic Chemistry.
- ∂ The students will be able to apply the basic principles of the subject to solve problems of not only Chemistry but also their Core subjects. The basic experimental techniques will help the students to be well equipped with the expertise and knowledge of the subject to enable themselves to work in industry and also become successful entrepreneurs. The students will thus be prepared for a successful career in industry or higher education and research.

➤ **Department of Physics**

- ∂ Physics is a natural science that studies the fundamental nature of how the world works, and it's important for many reasons, including: Understanding the world
- ∂ Physics helps us understand the universe and the world around us, from the microscopic level of particles to the macroscopic level of space.
- ∂ Technological advances
- ∂ Physics is the basis for most modern technology, including transport, construction, telecommunications, and MRI scanners.
- ∂ Physics majors develop skills like problem solving, advanced mathematics, computing, data analysis, and experimental techniques. These skills are valuable in many areas, including engineering, medicine, economics, finance, management, law, and public policy.
- ∂ A physics major prepares students for graduate study in physics, engineering, computer science, life sciences, earth science, finance, economics, public policy, and journalism.
- ∂ Physics helps improve quality of life by providing the basic understanding needed for developing new medical applications.

➤ **Department of Mathematics**

- ∂ Studying Mathematics helps in securing jobs in Statistics, Cryptography, Actuarial Science and Mathematical modelling.
- ∂ Students can pursue career for higher studies and research in the field of Engineering, Information Technology, Computer Science and Social Science.
- ∂ The course is a pre-requisite for further studies in Insurance, Economics, Astronomy, Banking and Accountancy.
- ∂ Students pursuing Mathematics Honours are eligible for teaching in Primary, Upper Primary, Secondary and Higher secondary schools.

➤ **Department of Philosophy**

- ∂ Demonstrate Indian and Western thoughts of Philosophical ideals.
- ∂ Display a thorough knowledge of different epistemological and metaphysical theories of Philosophy.
- ∂ Analyze the interconnectivity of different Indian and Western Philosophical thoughts.
- ∂ Analyze, evaluate and criticize existing philosophical thoughts and develop independent theories regarding these thoughts.
- ∂ Support independent research under supervision.
- ∂ Produce independent writing on Philosophical thoughts, which is very much relevant for the betterment of society.

➤ **Department of Sanskrit**

After completion of an undergraduate degree in Sanskrit language and literature,

- ∂ Demonstrate a clear understanding of literary texts and Ancient Indian literary traditions composed in Sanskrit literature.
- ∂ Display a fair knowledge of forms of literary criticism and working knowledge of literary theories.
- ∂ Analyze Vedic and Classical texts individually, as well as their linguistic, philosophical and historical context.
- ∂ Analyze, evaluate and criticize the methods of text reading and their textual interpretations and carry out independent literary analysis.
- ∂ Get a proper sense of Sanskrit vocabulary and grammatical construction.

## ➤ Department of Sociology

After completion of the UG course in Sociology successfully, students will be able to:

- ∂ Develop sociological consciousness and perspectives to analyse social events and problems.
- ∂ Students will develop critical thinking ability and reflexivity to debunk common sense ideas and explore questions like 'how' and 'why' things occur in society.
- ∂ Gather good knowledge about the different sociological concepts and differentiate them from common sense knowledge.
- ∂ Develop knowledge and contribute to the study of Indian society, its structure, issues and challenges.
- ∂ Develop analytical skills, observe and then arrive at a conclusion on social events instead of being judgmental.
- ∂ Perform independent research on social issues and problems under supervision and with the help of different academic resources.
- ∂ Sociology shares knowledge and subject matter with other social science disciplines also.
- ∂ A proper training in the programme helps the students to find job positions in several fields like journalism, HRD, NGOs and social work, counselling and many more since it offers a critical understanding of human society, its structure and processes.

## ➤ Department of Education

- ∂ The students will be able to understand the deeper concept of education, its nature, scope and functions.
- ∂ The student will be able to recognise the significance of education for an individual as well as the society.
- ∂ The student will be able to acknowledge individual differences among their peers, family members or individuals in general.
- ∂ The course provides a view on inclusion and inclusive education. It will help the student to understand and create awareness about inclusion in the society.
- ∂ The students get a basic understanding of Teaching skills, it can set a foundation for the students to pursue teacher training programmes.
- ∂ The students can also develop their communication skills by regularly participating in classroom discussions, seminars and tutorials.
- ∂ The students will be able to develop basic human values that are necessary to live in a society