

## **Program Outcomes of Under Graduate:**

The under graduate students are offered following three year degree programs (B.A., B.Sc., B. Com.) and the program outcomes are:

**B.A.:** The special subjects offered for this degree program are English, Economics, Geography, Political Science and Physical Education. The students at the time of graduation will be able to:

- Apply knowledge and skills to the wide range of educational, professional and personal circumstances.
- Able to develop concepts and theories.
- Practice of language learning skills.
- Exhibit critical thinking skills.
- Help in literacy movement.
- Interact with all types of audiences.
- Write documents related to their careers.
- Use, analyze learned knowledge at graduation.
- Proceed for higher education.
- Be the ideal citizens of democratic of India.

**B.Sc.:** The special subjects offered for this degree program are Microbiology, Statistics, Chemistry, Physics, Zoology, Botany and Computer Science. The students at the time of graduation will be able to:

- Apply their knowledge of science in a variety of fields.
- Gain knowledge in one specific area of study and interest.
- Understand the local and global contexts.
- Relate scientific knowledge to current scenario.
- Apply correct methods of research, investigation and design to solve problems in various areas of science.
- Plan and implement projects, problems or investigations.
- Search, evaluate and manage scientific information and knowledge.
- Employ developed conceptual, analytical, quantitative and technical skills.
- Be able to correlate various science streams, locally and globally.

- Evaluate the role of science in addressing, solving and managing current issues facing local and global communities.
- Communicate ideas of and about science and technology ideas.

**B. Com.:** The special subjects offered for this degree program are Accountancy, Banking

and Costing. The students at the time of graduation will be able to:

- Demonstrate knowledge of major theories and models in key areas of organizational behavior.
- Analyze organizational problems and generate realistic solutions based on current academic research in organizational behavior.
- Demonstrate knowledge of macroeconomic and microeconomic theories related to current policies and issues.
- Demonstrate knowledge of key concepts underlying quantitative decision analysis.
- Apply basic mathematical and statistical skills for analyzing problems in economics, accounting, marketing, management and finance.
- Apply knowledge of domestic and international economic and organizational environments.
- Analyze commerce and business issues in the international contexts.
- Compare international contexts and issues, in terms of commerce disciplines.
- Evaluate national and international debates and discussions on economic, commercial, and business issues.
- Understand the concepts, principles, theories and arguments of their selected areas of study outside economics and business

**Program Outcomes of Post Graduate:**

**M.Sc. (Analytical Chemistry)**

The students at the post graduation will be able to:

- Understand advanced deep Knowledge and practical skills in Chemistry.

- Study fundamental techniques like Mass spectrometry, NMR spectroscopy and X-Ray diffraction and other general characterisation techniques (IR, UV spectroscopy, GC and HPLC)
- Work within a small team to achieve common research goals.
- Self-led practical-based research, particularly on characterization and analytical instrumentation.
- Exploit methods of the results of research.
- Plan of a safe working practice, including evaluation of hazards and environmental effects.

**Program Outcomes of Self-financed Certificate Course:**

Eight Self-financed Certificate Courses are offered to develop additional knowledge and skills. Each first year student is offered at least a program in addition to under graduate degree program.

**These programs develop generic skills to the graduates:**

- Work collaboratively and productively in groups.
- Use basic mathematical and statistical tools of analysis.
- Apply critical and analytical skills and methods to the identification, evaluation and resolution of complex problems.
- Engage confidently in self-directed study and research.
- Communicate ideas effectively in both written and oral formats.
- Operate effectively in multicultural and diverse environments.
- Use effectively information from diverse sources.
- Be proficient in the use of appropriate information technologies.
- Critically evaluate new ideas, research findings, methodologies and theoretical frameworks in a specialized field of study.
- Recognize and understand the ethical responsibilities of individuals and organizations in society.

These eight Self-financed Certificate Courses are:

### **1. Medical Laboratory Technology:**

The students can study this Self-financed Certificate Courses and will be able to:

- Achieve knowledge in Medical Lab Technology (MLT)
- Provide health service
- Able to do routine laboratory tests on blood, urine, stool, and sputum of bacteriological serological and biochemical tests
- Assist a physician in diagnosis and prognosis of the disease
- Understand principles of laboratory management of Ethics
- Carry out technical work in various departments of medical colleges, peripheral laboratories, research and diagnosis centers

### **2. Vermi culture and Vermi composting:**

The students can study this Self-financed Certificate Course and will be able to:

- Create the BEST out of WASTE
- Are aware of the environment for constructive use
- Use Organic farming practices, becoming popular due to lifelong sustenance
- Enable to manufacture Vermi compost manure easy to generate and utilize

### **3. Maintenance of electrical and electronic appliances:**

The students can study this Self-financed Certificate Course and will be able to:

- Know basic principles behind their working of Electrical and Electronics appliances
- Able to learn about Electrical and Electronic components, Radio Transmission, Radio Receiver.
- Repair and rebuild Radio

### **4. Tourism:**

The students can study this Self-financed Certificate Course and will be able to:

- Learn about regional and world tourism
- Understand global economy, liberalization and privatization
- Be self-employed and use knowledge in Geography, Economics and History

### **5. Dress Making and Fashion Designing:**

The students can study this Self-financed Certificate Course and will be able to:

- Understand the need of the course
- Update changes in Dress Making and Fashion Designing
- Utilize the knowledge acquired personally and commercially
- Understand commercial techniques

#### **6. Personality development and English Communication skills:**

The students can study this Self-financed Certificate Course and will be able to:

- Develop good personality and good communication skills
- Apply soft skills regarding good physique, internal qualities, facing interviews, writing skills, creative writings and proper communication in regional as well as in English Language
- Be confident and face the challenges in the walks of life

#### **7. Rural Journalism:**

The students can study this Self-financed Certificate Course and will be able to:

- Know various media-means
- Realize the local and global importance of electronic media and journalism as well
- Develop the skills of mass communication
- Know the semantic and syntactic significance of written discourse

#### **8. Water and Soil Analysis:**

The students can study this Self-financed Certificate Course and will be able to:

- Test various physical and chemical parameters of water and soil
- Determine the potability of water
- Determine quality of soil and its acidity, salinity, alkalinity etc.
- Diagnose and guide the treatment to water or soil for various purposes