



**PROGRAM OUTCOME (PO)**  
**M.Sc BIOTECHNOLOGY**  
**(DEPARTMENT OF BIOTECHNOLOGY)**

**PROGRAM OUTCOMES**

**PO1:** To develop holistic knowledge of life science with biotechnological approach among students.

**PO2:** Demonstrate knowledge for in-depth analytical and critical thinking to identify, formulate and solve the issues related to Biotechnology Industry, Regulatory Agencies, & Academia.

**PO3:** To develop knowledge in the field of Cell Biology, Microbiology, Biochemistry, Biostatistics, Molecular Biology, Biotechnological approach to environment, Enzymatic and Immunological applications, Nano-biotechnology, Genetic Engineering, Plant Biotechnology, Animal Biotechnology, Bioinformatics applications and Bioprocess Engineering.

**PO4:** Develop an ability to solve, analyse and interpret data generated from experiments done in project work or practical courses.

**PO5:** To Develop skills used in modern analytical tools/ software/ equipment's and analyse to solve problems in various sub-streams of Biotechnology.

**PO6:** To develop skill and make them self-reliance by the application of biotechnological approach.

**PO7:** To develop skill for entrepreneurship and to fill the gap between industry and academia. Appreciate and execute their professional roles in society as biotechnology professionals, employers and employees in various industries, regulators, researchers, educators and managers.

**PO8:** Adopt code of ethics in professional and social context and demonstrate exemplary professional, ethical and legal behaviours in decision making.

**PO9:** Apply written and oral communication skills to communicate effectively in healthcare, industry, academia and research.

**PO10:** Apply responsibilities to promote societal health and safety, upholding the trust given to the profession by the society.



## **PROGRAM OUTCOME (PO)**

### **M.Sc CHEMISTRY (DEPARTMENT OF CHEMISTRY)**

#### **PROGRAM OUTCOMES**

**PO1:** Demonstrate and apply the fundamental knowledge of the basic principles in various fields of Chemistry.

**PO2:** Create awareness and sense of responsibilities towards environment and apply knowledge to solve the issues related to Environmental pollution.

**PO3:** Apply knowledge to build up small scale industry for developing endogenous product.

**PO4:** Apply various aspects of chemistry in natural products isolations, pharmaceuticals, dyes, textiles, polymers, petroleum products, forensic etc. and also to develop interdisciplinary approach of the subject.

**PO5:** Communicate scientific information in a clear and concise manner both orally and in writing.

**PO6:** Inculcate logical thinking to address a problem and become result oriented with a positive attitude.

**PO7:** Explain environmental pollution issues and the remedies thereof.

**PO8:** Apply the knowledge to develop the sustainable and eco-friendly technology in Industrial Chemistry.

**PO9:** Have developed their critical reasoning, judgment and communication skills.

**PO10:** Augment the recent developments in the field of green and eco-friendly reactions, pharmaceutical, Bioinorganic Chemistry and relevant fields of research and development.

**PO11:** Enhance the scientific temper among the students so as to develop a research culture and implementation of the policies to tackle the burning issues at global and local level.



## PROGRAM OUTCOME (PO)

### M.Com

### (DEPARTMENT OF COMMERCE & MANAGEMENT)

## PROGRAM OUTCOMES

**PO1: Knowledge and Critical Thinking:** To provide a systematic and rigorous learning and exposure to domestic and international economic and organizational environments. Acquiring, Organizing, Analyzing, Evaluating and Presenting necessary skills in economics, accounting, finance, marketing and management

**PO2: Problem-solving:** To be able to analyze issues logically, consider different options and view points, make decisions and act with flexibility, adaptability and creativity. Analyze organizational problems and reach to realistic solutions.

**PO3: Communication skills:** Able to communicate effectively, analyze the concepts and participate in group discussions and exhibit skills in verbal communication and in writing.

**PO4: Independent Learning:** Demonstrate the ability to acquire the knowledge and business skills, through self driven activities and develop the ability to work independently.

**PO5: Knowledge of Regulations & Compliance:** Able to understand indepth of compliances and regulatory bodies related to the domain

**PO6: Leadership quality- Global and multicultural perspective:** Exhibit leadership qualities, accountability, integrity, respect among peers, respect for diversity and develop appreciation for the cultural, legal, social and environmental factors that impact on business operations.

**PO7: Teamwork:** Able to work collaboratively, constructively, cooperatively, effectively and respectfully as part of a team.

**PO8: Maintain Ethics:** Knowledge of ethics and ethical standards and an ability to apply these with a sense of responsibility within the workplace and community.



**PROGRAM OUTCOME (PO)**  
**M.Sc COMPUTER SCIENCE**  
**(DEPARTMENT OF COMPUTER SC & APPLICATIONS)**

**PROGRAM OUTCOMES**

**PO1: Domain Expertise:** Understand the concepts in various subjects of computer science and its implementation effectively and professionally

**PO2: Computing Skills and Ethics:** Apply knowledge of computing to produce effective designs and solutions for specific problems

**PO3: Lifelong Learning and Research:** Able to Identify, analyse, and synthesize scholarly literature related to the field of computer science

**PO4: Modern Tool Usage:** Able to use software development tools, software systems, and modern computing platforms.

**PO5: Ethics and Social Contribution:** Develop an understanding of professional, ethical, legal, security and social issues and responsibilities