

**PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)**

1. Graduates of the program will have the knowledge, skills, and abilities to conduct comprehensive forensic analyses and investigations, applying scientific principles and advanced technologies to examine physical evidence, chemical evidence, biological materials, and digital data. They will be able to work effectively as part of a multidisciplinary team to assist law enforcement agencies and the criminal justice system in solving crimes and ensuring justice.
2. Graduates will exhibit a strong commitment to ethical standards and professional integrity in their forensic science practice. They will understand the legal and ethical responsibilities associated with handling evidence and presenting findings in court. Graduates will also demonstrate an awareness of the potential impact of their work on individuals and society, striving to ensure justice while upholding the highest ethical standards.
3. Graduates will possess the skills and adaptability to stay current in a rapidly evolving field. They will be prepared to engage in continuous learning, whether through further education or on-the-job training, and to adapt to new technologies, techniques, and methodologies in forensic science. Graduates will also be encouraged to contribute to the advancement of the field through research, innovation, and the application of cutting-edge forensic methods.

**PROGRAMME OUTCOMES (POs)**

On successful completion of the UG program, the students are expected to attain the following:

1. Basic and Discipline Knowledge: To Apply the knowledge of Forensic Science fundamentals, Chemistry, Botany, Zoology, and Physics for the solution of complex forensic problems.
2. Critical Thinking: To Apply the appropriate techniques, resources and modern scientific techniques and understanding of its advantages and limitations.
3. Creativity: To investigate the methods of crime examination, its requirements and effect on society and newer advances in Forensic Science.
4. Communication skills: Develop various communication skills such as reading, listening, speaking, and writing, which will help us in expressing idea and views clearly and effectively.
5. Individual and Teamwork: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.
6. Project Management: Demonstrate the knowledge and understanding of the crime, criminal investigation, and management principles and apply these to one's work as a member and leader in a team, to manage projects and in multidisciplinary environments.

7. Life-long Learning: Recognise the need, and have the preparation and ability to engage in independent and life-long learning in the broadest context of modern era and technological change.
8. Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the forensic practices.
9. Environment and sustainability: Understand the impact of the science in societal and environmental contexts, and demonstrate the knowledge and the need for sustainable development.
10. Function Effectively: Demonstrate knowledge and understanding of Forensic Science and its different specializations to identify the modus operandi of criminals and investigate complex crimes.

#### **PROGRAMME SPECIFIC OUTCOMES (PSOs)**

1. Graduate will able to develop critical thinking and reasoning abilities required during handling and interpretation of diverse evidences like digital, chemistry, toxicological, biological, documents, audio/videos, dermatoglyphics etc.
2. Graduate will able to employ the techniques during criminal investigations that are economically viable and savvy to regional, national and global crime related problems benefitting respective organization and the profession.