



## MASTER OF SCIENCE - FORENSIC SCIENCE

## **PROGRAMME OVERVIEW**

Forensic Science is the application of science to law and its enforcement. Forensic Scientists examine materials to establish or exclude a link between the suspect and the victim or crime scene. Using the latest technologies forensic scientists examine various evidences found at the crime scene and present scientific reports which is admissible in the court of law.

Jain University is the only University in Karnataka which offers M.Sc in Forensic Science. The degree will attract those with an interest in the application of science to the investigation of crime and analysis of evidence. The programme provides an intellectually challenging study of the full range of forensic applications. It is a multi-disciplinary course covering physics, biology, chemistry, psychology and law.

### **Programme Name**

Master of Science

### **Programme Code**

044

### **Course code and Name**

4409 - M. Sc in Forensic Science

### **Degree Awarded**

Master of Science

### **Duration of the Programme**

2 years, 4 semesters

### **Total Credits**

101

### **Eligibility**

The minimum qualification to apply is a bachelor's degree in Forensic science / Basic Science / Psychology from a recognized University and the candidate should have studied Physics, Chemistry and Biology at PUC / equivalent stage.

### **Medium of Instruction / Examination**

English

### **Study Campus**

**School of Graduate Studies**

JC Road, Bangalore

## **Programme Timings**

8:30 am - 4:30 pm (Mon to Sat)

## **Course Advisor**

Dr. Shanti Iyer

## **Examinations & Assessments**

1. Internal tests
2. Assignments
3. Seminar presentation
4. Class tests
5. Preparatory theory and Practical examination
6. End term theory and Practical examination

## **Curriculum**

### **Semester 1**

General Forensic Science

Forensic Physics

Questioned Document Examination

Criminology & Law

**Learning labs:** Forensic Physics Lab

Examination & Finger prints Examination Lab

### **Semester 2**

Forensic Ballistics & Photography

Research Methodology & Statistics

Basic Computer Forensics

Forensic Chemistry

**Learning Labs:** Forensic Chemistry Lab

Crime Scene & Ballistic Lab

### **Semester 3**

Forensic Psychology

Forensic Biology

Forensic Audio Video Analysis

Cyber Crime

Forensic Toxicology

**Learning Labs:** Forensic Psychology Lab

Field Work – Mini Project

## **Semester 4**

Forensic Medicine

Finger Print and Impression Analysis

Dissertation

Elective: Advanced Forensic Psychology (or) Advanced Forensic Biology

**Learning Labs:** Advanced Forensic Psychology Lab

Advanced Forensic Biology Lab

Internship – Hospital, Advocates, FSL, Detectives

## **CAREER OPPORTUNITIES**

Successful completion of this programme emphasise on the development of analytical and problem - solving skills which are very relevant to a wide range of employment opportunities. Employment opportunities are available in forensic labs, scientific labs, fingerprint bureau, narcotics bureau, IT companies, banks, law firms, insurance companies, investigating agencies, law enforcement organizations, Universities etc.,