

**First year B. Sc.
Elective- Forensic Science**

- Unit 1 -** Definition and scope of Forensic Science
History and Development of Forensic Science
Development of Forensic Science in India
- Unit 2 -** Crime,
Types of crimes
Crimes in India
Crime Scene Management,
Crime Scene procedures,
Protection of crime scene physical evidence-
Scientific collection of physical evidence
Crime scene management in man made and natural disaster.
- Unit 3 -** Duties of forensic scientist,
Various divisions of crime investigation –
Toxicology
Biology
Serology
Chemistry
Physics
Ballistics
Prohibition
Document and other divisions.
- Unit 4 -** Specialised facilities offered by forensic science laboratory –
DNA fingerprinting
Polygraph
Narco analysis
Brain electrical oscillation signature proficiency (BEOSP)
Cyber forensic
Tape and video authentication
Speaker identification etc.

References :

- (1) Introduction to Forensic Science in Crime Investigation –Dr.Rukmani Krishnamurty, Selective and Scientific Books, 1st edition 2011
- (2) Criminalistics - An Introduction to Forensic Science- Richard Saferstein, Pearson Prentice Hall, 8th Edition