

FSC102:CRIME SCENE INVESTIGATION

L:3 T:0 P:0 Credits:3

Course Outcomes: Through this course students should be able to

CO1 :: remember the basic concepts of concepts related to safety management and processing of the crime scene

CO2 :: understand different types of searching and documentation techniques based upon crime scene

CO3 :: apply the role of physical evidences in investigation and reconstruction of crime scene

CO4 :: analyze the comparison of new laws with previous laws related to forensic science

Unit I

Understanding crime scene : introduction to crime scene, types of crime scene, evaluating crime scene, processing crime scene, securing the scene of crime, documenting the crime scene, note making, sketching, photography, videography, role of first arriving officer at crime scene

Unit II

Physical evidences : defining physical evidences, types of physical evidences, classification, role of physical evidences in criminal investigation, trials, searching techniques at crime scene, processing and examination of physical evidences, probative value of physical evidences, maintaining chain of custody, types of physical evidences Hair, Fibre, Glass, Tool marks

Unit III

Safety considerations at crime scene : maintaining appropriate health and safety standards at the scene of crime, legal considerations at crime scene, forensic database, information, manpower, logistics management of crime scene, safety measures for evidence collection

Unit IV

Advances in crime scene management : digital imaging of crime scene, 3-D scanning technique, tele forensic technology for crime scene investigation, mobile forensic units, mobile kits, equipment, utility of mobile kits on scene of crime, case studies, report writing of crime scene visits, national and international scenario of crime scene management

Unit V

Legal provisions relating to crime-I : reconstruction of crime scene, Bharatiya Nyaya Sanhita 2023 laws related to forensic science, Comparisons of Bharatiya Nyaya Sanhita 2023 to IPC

Unit VI

Legal provisions related to crime-II : Bharatiya Nagarik Suraksha Sanhita 2023 laws related to forensic science, Comparison of Bharatiya Nagarik Suraksha Sanhita 2023 to CrPC 1973, Bharatiya Sakshya Adhiniyam 2023 laws related to forensic science, Comparison of Bharatiya Sakshya Adhiniyam 2023 to IEA

Text Books:

1. INTRODUCTION TO FORENSIC SCIENCE IN CRIME INVESTIGATION by DR. M.S. RAO, Selective & Scientific Books
2. PHYSICAL EVIDENCE IN CRIMINAL INVESTIGATION & TRIALS (THE SILENT WITNESS) by DR. B.P. MAITHIL, Selective & Scientific Books

References:

1. FORENSIC SCIENCE IN CRIME INVESTIGATION by B S NABAR, Asia Law House
2. PHYSICAL EVIDENCE IN CRIMINAL INVESTIGATION & TRIALS by DR. B.P. MAITHIL, Selective & Scientific Books
3. CRIME SCENE INVESTIGATION: METHODS AND PROCEDURES by LIVRE BOOKS, NA

