



संयुक्त राष्ट्रसंघ  
ONE EARTH - ONE FAMILY - ONE FUTURE



गृह मंत्रालय  
MINISTRY OF  
HOME AFFAIRS



विद्यया अमृतं अश्नुते

# Course on Forensic Science and Medicine

From 08 to 12 September, 2025  
(05 Days)



विद्यया अमृतं अश्नुते

## National Forensic Sciences University

Knowledge | Wisdom | Fulfilment

An Institution of National Importance

(Ministry of Home Affairs, Government of India)

<b>Level of Participants</b>	<b>Higher Judicial Services Officers, SP/DCP/Comdt., and above , Prosecutions Officials, Defence Officers, Govt. Medical Officers, Customs Officers and SSO and above from CFSL/FSL</b>
<b>Duration</b>	<b>05days</b>

## **ABOUT THE COURSE**

The course in forensic science and forensic medicine is designed to provide a comprehensive understanding of the principles, techniques, and applications crucial to both legal and medical investigations. Throughout the program, participants are introduced to various aspects of forensic analysis, including evidence collection and preservation, crime scene investigation methodologies, and the interpretation of forensic evidence within legal and medical contexts. Additionally, participants delve into specialized areas such as forensic pathology, toxicology, anthropology, and digital forensics. Ethical and legal considerations are also emphasized, ensuring participants develop a strong awareness of professional standards and responsibilities.

For aspiring forensic professionals, the course offers comprehensive knowledge in forensic techniques such as fingerprint analysis, DNA profiling, ballistics, toxicology, and digital forensics. Participants will learn how to effectively collect, preserve, and analyze evidence from crime scenes, ensuring its admissibility and reliability in legal proceedings.

Medical practitioners benefit from specialized modules focusing on medicolegal autopsy procedures, forensic pathology, and toxicology. They gain insights into the intricate processes involved in conducting autopsies, interpreting postmortem findings, and determining the cause and manner of death. Additionally, they receive knowledge in identifying and analyzing toxic substances in biological samples, crucial for understanding the medical aspects of forensic investigations.

Lawyers enrolled in the course acquire a deeper understanding of forensic science principles and techniques, enabling them to better comprehend and

utilize forensic evidence in legal proceedings.

For jury members, the course provides valuable insights into the complexities of forensic evidence and its role in the criminal justice system. Participants learn how to critically evaluate forensic testimony and evidence presented during trials, enabling them to make informed judgments based on scientific principles and reasoning.

Overall, the course fosters interdisciplinary collaboration by providing a platform for participants from different backgrounds to learn from each other and exchange perspectives.

## **COURSE OBJECTIVES**

- Develop a foundational understanding of forensic science and forensic medicine.
- Acquire proficiency in evidence collection and preservation techniques.
- Master systematic approaches to crime scene investigation.
- Gain expertise in various forensic techniques such as fingerprint analysis, DNA profiling, and toxicology.
- Learn procedures for conducting medicolegal autopsies and interpreting findings.
- Explore principles of forensic pathology for determining cause and manner of death.
- Understand the identification and analysis of drugs and toxins in forensic toxicology.
- Learn methods for identification and analysis of human remains in forensic anthropology.
- Discuss ethical and legal considerations in forensic practice.