



गृह मंत्रालय
MINISTRY OF
HOME AFFAIRS



SPECIAL COURSE ON CHANCE FINGERPRINT LIFTING AND PHOTOGRAPHY FOR J&K POLICE

(16 to 20 June, 2025)



**National Forensic
Sciences University**

Knowledge | Wisdom | Fulfilment

**An Institution of National Importance
(Ministry of Home Affairs, Government of India)**

ABOUT THE COURSE

The development of chance prints is a vital aspect of forensic science, as these often-invisible fingerprints can provide crucial links between a suspect and a crime scene. Unlike visible prints, latent fingerprints are left unintentionally and can remain undetected without the implementation of proper scientific techniques. Developing & matching of chance fingerprints successfully not only helps the Investigating Officer to identify the presence or involvement of a suspect but also serves as strong court-admissible evidence. Accurate recovery of a chance print from a crime scene can be the turning point in solving cases, identifying suspects, and securing convictions.

Photography of chance (latent) fingerprints at the scene of a crime is a critical step in preserving evidence for future analysis and legal proceedings. Unlike visible prints, latent fingerprints are not immediately discernible to the naked eye and must be developed using scientific techniques before they can be photographed. Fingerprint photography aims to capture clear, high-quality images that preserve the print's detail and allow for accurate identification and comparison in the laboratory.

In the recent past, many new and exciting developments have taken place in these areas, which have not been established in the routine protocol of fingerprint examiners in most of the laboratories. Hence, the specialized course has been planned with the intent to introduce the participants to the relatively new approaches in the detection, development and enhancement of the prints at the crime scene.

This course is a specialised training program tailored to enhance the skills of law enforcement personnel (J&K Police officers) in the critical area of Chance Fingerprint lifting and Photography. This course provides a comprehensive understanding of identifying, developing, lifting, and preserving chance (latent) fingerprints found at crime scenes, along with the correct photographic techniques to ensure legal admissibility of the evidence.

COURSE OBJECTIVES

- ✓ To familiarise the participants with a comprehensive overview and significance of Fingerprint Evidence.
- ✓ To enlighten the participants about the structure and characteristics of friction ridge skin and different types of fingerprint patterns.
- ✓ To make the participants familiar with various scientific techniques of lifting Chance Fingerprints from the Scene of Crime.
- ✓ To make the participants aware of the latest innovations and advancements in the areas of detection, development, photography , lifting of fingerprints.
- ✓ To appreciate the requirement of expert evidence in the trial courts.



TRAINING CURRICULUM

- 1. An Overview of Physical Evidence and its Role in Crime Investigation**
 - Physical Evidence and its types.
 - Importance of Physical Evidence in Crime Investigation.
- 2. Lifting of Chance fingerprints and acquiring of Rolled Fingerprints**
 - Basics of chance printing
 - Importance of rolled fingerprints
 - Acquiring of rolled fingerprints in a laboratory set-up
- 3. Advanced methods of detection of Chance prints- lifting methods and techniques**
 - Chance prints at a crime scene
 - Advanced techniques involved in the lifting of a chance print.
- 4. Types of Fingerprints and their Development Techniques**
 - Different patterns of fingerprints
 - Physical & Chemical methods of fingerprint development
- 5. Photography of fingerprints and examination of questioned documents**
 - Photographic techniques to lift fingerprints intersecting with signatures
 - Types of fraudulent documents and their examination.
- 6. Crime Scene Photography with special emphasis on Chance prints**
 - Detection of Chance Prints on a Scene of Crime.
 - Various photographic techniques for lifting chance print on various surfaces.
- 7. Physical and Chemical methods for the development of fingerprint evidence**
 - Conventional Methods & Powders for latent fingerprint development.
 - Fuming methods of latent fingerprint development
- 8. Advancements in Fingerprints Collection, Recording and Maintaining Database**
 - Advancements in Fingerprint Science, maintaining Records & Database.
 - Collection and Recording of Fingerprint evidence.
- 9. Examination of Physical Evidence such as - Footprints, Shoeprints and, Palm Prints.**
 - Occurrence & Detection of palm print evidence on the crime scene
 - Footprints and Shoeprint evidence and their lifting from the Scene of Crime.
- 10. Legal Aspects and Ethical Considerations of Fingerprint Evidence in the Court of Law**
 - Fingerprint Evidence and Its Legal Aspects
 - Ethical considerations involved in Fingerprint evidence
- 11. Forensic Expert and Appreciation of Evidence in the Court of Law pertaining to Fingerprints**
 - Forensic Reports in Fingerprint Cases, opinions and interpretations.
 - Admissibility and appreciation of expert report in the Court of Law