Add on Certificate Course
in
Advance Forensics – Fingerprinting and Crime Scene Investigation

"Advanced Forensics: Fingerprinting and Crime Scene Investigation" is a comprehensive program designed for individuals passionate about pursuing their career in Forensic Science. Over the course of **10 weeks**, participants will engage in a blend of theoretical learning, hands-on practical sessions, and real-world case studies, culminating in a thorough understanding of forensic techniques and their applications.

The Department of Chemistry at **Miranda House** is pleased to offer the students a **40-hour Add-on Certificate Course in "Advanced Forensics- Fingerprinting and Crime Scene Investigation"**. This course will provide comprehensive knowledge and practical skills in modern forensic techniques. With expert instructors and access to cutting-edge technology, students will gain unparalleled insights into the intricacies of Forensic Science. Join us on this exciting journey to enhance your expertise and prepare for a dynamic career in the field of forensics.

The structure of the Add on Certificate Course is as follows:

- **20 Lectures of 2 Hours each:**
  - Lectures from eminent forensic experts
- **20 Hands-on Session of 2 Hours each:**
  - Hands-on practical sessions on fingerprint analysis and crime scene investigation techniques.
- **Field Visit:**
  - The field visit shall be made to **Forensic Laboratory / Crime Scene Investigation Unit**, where students will observe forensic experts in action.

The visit will acquaint students with various techniques required for fingerprint analysis and crime scene investigation.

- **Suggested Practicals**
    a. Techniques for **developing and lifting fingerprints**
    b. Identification, analysis and **comparison of fingerprint** patterns.
    c. Use of chemical and physical methods for **enhancing latent prints**.
    d. **Crime scene simulation**, photography and evidence collection.
    e. Methods for preserving and **documenting crime scenes**.
    f. Full-scale **mock crime scene investigation** from arrival at the scene to evidence collection and documentation.

This course aims to equip students with the theoretical knowledge and hands-on experience needed for a career in Forensic Science, focusing on the critical areas of fingerprinting and crime scene investigation.

Course Duration:1 February - 12 April 2026
Course Timings: Every Sunday, 10.00 AM -2.00 PM
Course Fees: Rs 5,000/-
Number of seats: 100
Eligibility: Students from any University pursuing Undergraduate/ Post-Graduate Courses.

Registration Fee Link

Brochure :

Add on Certificate Course in Advance Forensics -Fingerprinting and Crime Scene Investigation

Course Description:

This **10-week**, self-financed **Add-on Certificate Course in Advanced Forensics-Fingerprinting and Crime Scene Investigation**. is offered to students of any University. The course will provide comprehensive knowledge and practical skills in forensic techniques, focusing on fingerprint analysis and crime scene investigation.

Course Structure:

- **20 Lectures (2 Hours each):** Lectures led by Forensic Experts, covering key forensic concepts and techniques.
- **20 Hands-on Sessions (2 Hours each):** Hands-on workshops including fingerprint development and lifting, crime scene simulation, and evidence collection.
- **Field Visit:** A visit to Forensic Laboratory / Crime Scene Investigation unit to observe forensic processes in action.

Students will be continuously assessed through their involvement in discussions and practical sessions. At the end of the course, they must take a practical exam and a viva voce. A certificate will be awarded upon successful completion of these assessments.

Eligibility: The course is open to students of any Undergraduate and Post-graduate courses from any University. Seats are limited and will be filled on a first-come, first-served basis.

Procedure for Application:

- Application forms are available on the college website.
- Last date for Application: 25 January 2026
- Last date for payment of fees: Forenoon, 31 January 2026

Course Fees: Rs. 5,000/- (Fees once paid, is non-refundable)

- ❖ Upon successful completion, students will be awarded a **Certificate** from Miranda House, University of Delhi.

Course Schedule:

Week	Topic
1	**Basics of Forensic Science and Fingerprinting** • Overview of forensic science and its applications in the criminal justice system • Types of fingerprints (loops, whorls, arches)
2	**Classification of Fingerprints** • Fingerprint patterns and characteristics • Ten-digit fingerprint classification
3	**Fingerprint Analysis Techniques** • Collection and preservation of fingerprints • Methods of lifting fingerprints • Physical methods of development techniques
4	**Fingerprint Analysis Techniques** • Ridge Characteristics • Comparison of Fingerprints
5	**Latent Fingerprints** • Identification and development of latent fingerprints Techniques and tools for latent print development
6	**Introduction to Crime Scene Management and Documentation** • Overview and importance of crime scene management • Roles and responsibilities of crime scene investigators • Techniques for documenting a crime scene • Photography, sketching, and note-taking
7	**Securing and documenting the Crime Scene** • Steps to secure the scene to prevent contamination, including establishing a perimeter and controlling access to the site.

	• Techniques for documenting the scene, including photography, sketching, and note-taking. Emphasis on recording the scene before, during, and after evidence collection.
	Evidence Collection and Preservation • Types of evidence • Methods for collecting and preserving different types of evidence (e.g., biological, physical, trace evidence) to prevent contamination and loss.
9	**Crime Scene Search Techniques** • Different methods for searching a crime scene, such as grid, spiral, and quadrant searches, and how to choose the appropriate method. **Chain of Custody** • Importance of maintaining the chain of custody for evidence, including proper labelling, packaging, and documentation.
10	**Simulation of a crime scene** • Full-scale mock crime scene investigation from arrival at the scene to evidence collection and documentation **Visit to the Forensic Laboratory**

Course Conveners :

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Registration Fee Link