



IILM UNIVERSITY

Greater Noida



Ph.D. Program
SCHOOL OF SCIENCES (SoS)

Ph.D. (Forensic Science)

NEP (National Education Policy) 2020-enabled curriculum

Department of Forensic Science

List of Faculty members

Sr. No	Name	Designation	Research Expertise
1	Dr. Rajeev Kumar	Professor & Head	Forensic Toxicology, Forensic Physics, Forensic Chemistry, Forensic Ballistics & Explosives
2	Dr. Ashlesha Bhardwaj	Assistant Professor	Forensic Toxicology & Forensic Chemistry, DNA Fingerprinting

IILM University, Greater Noida

IILM University provide students with an education that is both intellectually stimulating and practically relevant. We equip learners with the knowledge, skills, and experiences needed to achieve their full potential and make a meaningful difference in the world. Through a wide range of innovative programs, we prepare students for successful careers while inspiring them to create a positive social impact. True to our values, we foster an inclusive and diverse learning community that is deeply committed to responsibility, leadership, and lifelong learning.

School of Sciences

The School of Sciences at IILM University, Greater Noida offers a unique blend of academic rigor, interdisciplinary learning, and industry relevance. With programs such as BSc Forensic Science, B Sc Mathematics with Data Sciences, M Sc Industrial Chemistry, M Sc Mathematics with Data Science, MSc Forensic Science, PhD Chemistry, PhD Mathematics, PhD Forensic Science, PhD Physics etc., the school equips students with strong theoretical foundations and practical skills. Supported by modern laboratories, research opportunities, internships, and skill-based workshops, students gain real-world exposure and hands-on experience from the very beginning of their academic journey.

Set in a vibrant 26-acre green campus, the school fosters holistic development through cultural events, student clubs, sports, and leadership activities. Highly qualified faculty with PhD backgrounds bring both academic expertise and industry insights to the classroom, while strong industry linkages, global alumni connections, and a legacy of 30+ years ensure excellent career pathways. In essence, the School of Sciences is where curiosity meets innovation and students are empowered to become scientists, researchers, and leaders of tomorrow.

About the Program

The Ph.D. in Forensic Science program at the Department of Forensic Science, School of Sciences, IILM University, Greater Noida, is designed to develop advanced research skills and in-depth knowledge in the field of forensic science. This doctoral program focuses on original research that contributes to the advancement of scientific methods used in crime investigation and legal processes.

Under the guidance of experienced faculty, scholars engage in rigorous research across various areas of forensic science such as forensic biology, chemistry, toxicology, digital forensics, and related disciplines. The program encourages critical thinking, problem-solving, and the application of innovative techniques to address complex forensic challenges. The core of the Ph.D. program is the development of an original research thesis that adds to existing knowledge or offers new perspectives in the field. Scholars are trained to design research studies, analyze data, and present their findings effectively in academic and professional forums. The program also emphasizes ethical research practices, scientific integrity, and clear communication of results. Upon completion, candidates are required to defend their research work before an expert panel.

Graduates of the Ph.D. program are well-prepared for careers in academia, advanced research, forensic laboratories, policy-making bodies, and leadership roles in government and private sectors. The program aims to produce highly skilled researchers and subject experts who contribute to the growth and development of forensic science at national and international levels.

Course Eligibility

M.Sc. Forensic/related domain with 55% marks or M.Phil. with 55% marks.

Duration

Minimum 3 years (1 Year Course Work + 2 Years Research Work)

Mode of Selection

Selection to the Ph.D. Programme in Forensic Science shall be made through a two-stage process:

- **Entrance Examination:** Eligible candidates shall be required to appear in the University Entrance Examination / accepted national-level eligibility test as per UGC norms.
- **Interview / Viva-Voce:** Candidates shortlisted on the basis of the entrance examination shall be called for a personal interview / viva-voce before the duly constituted Selection Committee.

The final selection shall be based on the combined performance in the entrance examination and interview, in accordance with UGC regulations and University norms.

Program Highlights

Major Types of Course to be taught

- The Ph.D. coursework shall comprise University Core Courses in **Semester I**, focusing on Research Methodology, Research and Publication Ethics, and Statistics and Computer Application.
- **Semester II** shall include domain-specific courses, covering advanced concepts and recent developments in Forensic Science and the chosen area of specialization, such as forensic biology, toxicology, cyber forensics, ballistics, crime scene investigation, and other emerging interdisciplinary areas relevant to the research topic.

The coursework will be designed in accordance with UGC guidelines, which mandate a minimum of 14 credits, to ensure strong research aptitude and subject expertise before commencement of doctoral research.

Career Option

The Ph.D. in Forensic Science program opens up advanced career opportunities in research, academia, and professional forensic practice. Graduates gain specialized knowledge and research expertise, making them suitable for senior and leadership roles.

They can work as Forensic Scientists, Research Scientists, Academic Faculty, Forensic Consultants, Digital Forensics Experts, and Policy Advisors. They may also take up roles in specialized areas such as forensic biology, toxicology, cyber forensics, and forensic chemistry. Ph.D. graduates are employed in universities, research institutions, forensic science laboratories, law enforcement agencies, government organizations, international agencies, and private consultancy firms.

The program also prepares candidates for independent research, consultancy, and advisory roles, contributing to advancements in forensic science and the justice system.

Job Profile after Ph.D., in Forensic Science

Government Sectors	Private Sectors
Police Department	Detective Agencies
Federal Agencies like CBI, CID, IB and NIA	Private Banks and Insurance Companies
Central Forensic Science Laboratory (CFSL), State Forensic Science Laboratory (SFSL) and Regional Forensic Science Laboratory (RFSL)	Private Universities
Government Bank	Hospitals
Defense/Army	Security Services Agencies
Quality Control Bureau	Legal Consultant
Narcotics Department, Forensic Universities, Government Hospitals	On site experts for police department





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