

# Advance Certificate Program Forensic Medicine & Toxicology

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### About Institute

Sherlock Institute of Forensic Science, SIFS India came into existence in 2006; since then, it has been rendering its quality programs and pioneering in forensics, with a highly appreciative and endearing approach from its students. Striving to make its name and identity in the beginning years, Sherlock Institute of Forensic Science India has been a leading institute in India in the fields of forensics, marking its presence for about a decade. The institute has been operating actively in various areas, delivering inevitable excellence and commitment towards the betterment of society, breaking the saga that forensics has always been a neglected issue in an Indian setup, the institute aims to be an integral body providing reliable, efficient and competent programs in all areas of forensics, whether it be an investigation, education, or research.

To date, we have marked our skilled presence throughout the country, in the various government and private sectors. Our performance and presence have been highly appreciated and are considered accountable by our renowned list of patrons. To date, the institute is known to show its effective presence and participation in the grounds of forensic investigation, forensic education, forensic research and development. Its passionate and determined team of experts, along with the director, Dr. Ranjeet Kr. Singh, as its mentor, has led and guided the team with an affirmation to render excellent, error-free programs with a determination to excel in the grounds of forensics.

After marking our presence nationally, we have remarkably manifested our international presence after collaborating with international companies. We have our associates in England, Ireland, United States, United Arab Emirates, Nigeria, Ghana, Uganda, Thailand, Poland, Romania, Afghanistan, Mexico, Texas, Tanzania, Egypt, Jamaica, Indonesia, Italy, Australia, Maldives, and the checklist continues.





# Message from Director's Desk

**Dr. Ranjeet Singh** Ph.D, M. Sc.

"Dream it, Wish it, Do it." SIFS INDIA is a new generation investigation workforce that understands the growing problems and the need for forensics in all industries and is geared up for educating, training and preparing high-quality forensic professionals to fulfil future needs. When I started the company, it was a great challenge to develop and provide a platform allowing equality for all participants. Platforms are all built on the philosophy which will give you the light of hope and that however or whoever comes forward, the opportunities to succeed are equal for all. During the last 10 Years, SIFS INDIA has witnessed an unprecedented change in the market and opportunities for Professional Forensic Services.

The projected future demand indicates a similar increase in opportunities. Once trained, budding forensic professionals have to seamlessly adapt and leverage this dynamism to benefit the organizations they serve. A successfully trained forensic professional should be capable of identifying future trends and opportunities beyond current boundaries and develop a strategic vision on the grounding of indepth knowledge and professional insight. The era of modern scientific Forensic Investigation has proffered the demand for "Excellence in Performance", correctly relegating mediocrity and inefficiency to the past.

Turning out "A confident, competent, dynamic and innovative" forensic professional is what we consistently strive for at SIFS INDIA. I am confident that our highly trained "Competent Forensic Professionals" will prove to be indispensable assets to society and the legal and financial industry. I highly endorse the principle "Never give up doing the job that you're passionate about." "To achieve a safe and secure totality of surrounding conditions for all the people with integrity, render a responsible and effective service of high quality accessible to every person."



### About Course

Forensic Medicine and Toxicology is and amalgamation of multidimensional relationship of law and medicine encompassing forensic medicine, medical jurisprudence and toxicology altogether. Forensic Medicine deals with evidence when crimes against humans to find out the truth. For such purpose, doctors are called upon as witness, medical practitioner who has treated the patient or to provide expert opinion in a matter of science. Forensic Toxicology, on the other hand, deals with medical and legal aspects on the effects of chemicals, primarily poison, on human beings. The experts in forensic medicine and toxicology focus on identifying the effects of various poisons and chemical compounds such as alcohol and drugs on humans.

The Forensic Medicine and Toxicology advance certificate program will enable the learners to acquire knowledge on the philosophies and guiding principles in forensic medicine and toxicology. The program aims to provide practical application to the theoretical concepts on finding the cause of death and justifying the same in the legal /court procedures with report. It will also equip learners to provide medico-legal aid in matters of medical ethics and issues to various authorities.

The learners will receive and gather knowledge regarding:

- > Concepts and Aspects of Medico-Legal Setups
- > Understand ethical and legal challenges with law, police and forensic together
- > Equipping to render Medico-Legal aid to various authorities
- > Disposing as an expert witness in the court of law
- > Identification the role of various other disciplines in medico-legal setups



### Admission Procedure

## Student will Receive



### **Program Syllabus**

#### MODULE 1 FORENSIC MEDICINE AND COURT PROCEDURE

This module will help learners learn how to apply medical techniques in legal proceedings. Through this module, learners will be aware of the prominence of medical certification, medical reports and dying declarations.

#### MODULE 2 THANATOLOGY

This module will acquaint the learners with the meaning of thanatology, various modes of death, significance and moments of death, and immediate, early and late changes that occur after the demise of an individual. It will also focus on estimating the time since death after carefully examining a deceased body.

#### MODULE 3 PERSONAL IDENTIFICATION

This module will inform learners about the importance of Personal Identification and the minute details such as scars, moles, and tattoos, which help establish the identity of an unclaimed or unknown body. Information regarding establishing identity by personal items such as rosary beads, sacred thread, mangalsutras etc., will also be discussed.

#### MODULE 4

#### **INJURIES (WOUNDS)**

This module encompasses a detailed description of injuries. Learners will learn about the classification of injuries, including those caused by radiation, firearms and explosions, and fabricated and non-fabricated.

#### MODULE 5 FORENSIC TOXICOLOGY

This module will inform students regarding the significance of toxicology in Forensic Science, general aspects of poisoning, clinical features, autopsy appearances of various poisons, dispatch and preservation of viscera and their medico-legal significance.

#### **MODULE 6**

#### MEDICAL ETHICS

Under this module, students would be taught about the significance and distinction between medical certificates, birth certificates, death certificates and dying declarations.

#### MODULE 7 EXAMINATION IN MEDICO LEGAL PRACTICE

This module will equip learners to present themselves as Expert Witnesses in the Court of Law. It will encompass the examination of Victim and Accused of Sexual Offences, Injured Patients, Victim of Sexual Assault and the Ethical and Medico-Legal challenges in Clinical Practices.



# **Program Details**



#### DURATION.

6 Months

#### STRUCTURE \_

- > 24\*7 Access to Study Portal
- > 40 Hours Online Live Interactive Sessions
- > Access to 500+ eBooks and other study material
- Hands-on Practice Sessions (Training in Delhi for 5 Days)
- > Regular Assessment (15 Tests and 1 Assignment)

#### EXAMINATION\_

One Final Exam (MCQ Format)

#### **ELIGIBILITY**

Any Graduate

#### FEE \_

INR 7999 (Inclusive of 18% GST) as One Time Payment

#### **ONLINE SESSION**

English

#### **STUDY MATERIALS**

English (eBooks, Research Papers)

### FORENSIC PROGRAM Presence Across Nation



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