



हंसराज कॉलेज
— दिल्ली विश्वविद्यालय —

HANSRAJ COLLEGE

(NAAC A+ CGPA 3.62, NIRF Rank #9)

University of Delhi

Mahatma Hansraj Marg, Malka Ganj, Delhi-110007

<https://www.hansrajcollege.ac.in>

Launches

AN ONLINE ADD-ON COURSE ON

INTRODUCTION TO FORENSIC SCIENCE

7th August 2021 – 10th October 2021

Weekend online classes

Saturday: 4 PM - 5:30 PM Sunday: 10 AM – 11:30 AM

ORGANISED BY

DEPARTMENT OF CHEMISTRY, HANSRAJ COLLEGE

Inaugural session by

Dr. G.S. Sodhi, Department of Chemistry, SGTB Khalsa College, DU

Mr. H.S. Randhawa, ACP, Crime Branch, Delhi Police

ABOUT HANSRAJ COLLEGE



Hansraj College is one of the largest constituent colleges of the University of Delhi and has been ranked as one of the top five colleges for science, arts and commerce several times in the last decade. The faculty and students of the college have contributed immensely to the fields of academics, sports and culture. The college faculty is dedicated towards the growth and development of the institution academically and administratively and constantly thrive for excellence. Hansarians have been placed in diverse professions and services worldwide and are bringing fame and laurels to the institution.

ABOUT THE ONLINE ADD-ON COURSE

Forensic science is the branch of science which has been drawn from chemistry, physics, biology to apply in criminal investigations governed by the legal standards of admissible evidence and criminal procedure. Forensic science is important because it helps to establish the guilt or innocence of potential suspects. It is concerned with the recognition, identification, individualization, and evaluation of physical evidence. From career perspective, forensic science has exciting job possibilities that include crime experts, handwriting expert, forensic scientist, crime reporter, crime scene investigator, forensic pathologist, forensic geologist, finger print expert, forensic chemist, forensic photographer etc. in both government as well as private sectors like central government forensic labs, intelligence bureau (IB), hospitals, law firms, private detective agencies, army, police departments, central bureau of investigations (CBI) etc. In this course the topics to be covered are as follows:

**Principles of
Forensic Science**

**Crime Scene
Management**

Fingerprints

**Forensic
Chemistry**

**Digital
Forensics**

**Question
Documents**

COURSE OUTLINE

- **Introduction** -Scope, Concept and Significance, laws and Basic Principles of Forensic Science, Branches of forensic science
- **Crime Scene Management** - Investigation, protecting and isolating the crime Scene, Documentation, Photography, Sketching, Notes Making, Collection and Care of evidence, Chain of custody
- **Fingerprints**- History, Classification, Types of fingerprint, Latent fingerprint and their methods of development both by physical and chemical techniques
- **Question Documents** -Definition, Handwriting, Principle of handwriting, Handwriting features, Document, Forgery, Types of Forgery, Disguise, Age of Document, Charred Document, Alteration in Document, currency note and plastic currency
- **Forensic Chemistry**- Arson, Chemistry of Fire, Searching the Fire Scene, Collection and preservation of arson evidence, Explosion, Classification, synthesis and characteristic of TNT, PETN, RDX. Explosion process, Post blast residue collection and analysis, Analysis of Alcoholic beverages, Detective dye, Analysis of phenolphthalein in trap cases
- **Digital Forensics**- Cyber Crime, Voice Analysis

REGISTRATION DETAILS

- Participants are required to fill the registration form using the following link:
<https://bit.ly/2UWq8SI>
- The last date for registration is 5th August 2021
- Course Fee: Rs. 2500 (non-refundable)
- Participants are required to pay the registration fee of Rs. 2500/- via NEFT/IMPS/UPI to the following account:

Account Name:	Principal, Hansraj College
Bank :	Canara Bank, Hansraj College, Delhi
Account Number:	2848101004018
IFSC:	CNRB0002848

- Eligibility: Students of Part I/II/III, faculty members affiliated to any college/University /Organization may attend
- E- certificates will be awarded after passing the assessment based on MCQs
- Enquiries can be made at forensichrc2021@gmail.com

CONVENOR
Dr. Aparna Bansal

CO-CONVENOR
Dr. Himanshu

PROGRAM COORDINATOR
Dr. Sunita Gulia

PATRON
Prof. (Dr.) Rama