



M.Sc Forensic Science

affiliated to
National Forensic Sciences University
(NFSU)

2023 -24 Prospectus

National Forensic
Sciences University

Knowledge | Wisdom | Fulfilment

An Institution of National Importance

(Ministry of Home Affairs, Government of India)



COLLEGE OF TRAFFIC MANAGEMENT

CENTER OF EXCELLENCE IN ROAD SAFETY FOR SOUTH-EAST ASIA



VISION

The College of Traffic Management has been established to take forward IRTE's vision of creating an umbrella facility for research based training for capacity building in Road Safety Management and Forensic Science for India and other developing countries.

BASIC PHILOSOPHY

The basic Philosophy of IRTE-CTM is to inculcate social responsibility among all its stakeholders by providing a platform for academic freedom to acquire knowledge, to participate and make a difference in the society by way of research and creativity in the areas of Traffic Management and Forensic Science

ACADEMIC VALUES

The core academic value of IRTE-CTM is to nurture learning. The College promotes the pursuit of theoretical and practical knowledge while encouraging not only for achieving academic excellence but also for critical thinking to meet evolving challenges and opportunities. The values are focused mainly on community contribution, learning, integrity, and excellence

TOTAL QUALITY MANAGEMENT

An Internal Quality cell has been created to keep a check on the functioning of the programs. The labs are maintained as per NABL standards.

About CTM

The College of Traffic Management (CTM) under the aegis of Institute of Road Traffic Education (IRTE) was established in 2010. CTM is a research based institution located on the Surajkund Badhkal Road, adjacent to the Manav Rachna University in Faridabad, NCR Delhi.

CTM offers a variety of short term certificate courses in traffic management and forensic science that include the subjects of : traffic engineering, road safety audit, traffic enforcement, accident investigation, highway asset management, fleet management, driver training, scene of crime investigation, fingerprint examination, forensic toxicology, Forensic analysis of Impression evidences and question document examination.

CTM has six departments within its campus, namely: Department of Traffic Engineering, Department of Law, Department of Traffic Enforcement, Department of Forensic Science, Department of Public Health for Road Safety, and the Department of Driver Training & Road Safety Education. The departments collectively and individually conduct the courses and are supported with the best laboratories. CTM also boasts of having the Road Safety Hall of Nations (where the United Nations held the first Session of the Global Forum for Road Traffic Safety, out of the Palais of Geneva in 2013) and the Road Safety Court of Justice (created for the training of Prosecutors and Judicial Officers).

CTM-IRTE has entered in to MoUs with Graz University of Technology, Austria, University of Birmingham, UK, The National Highway Traffic Safety Administration (NHTSA) of the Dept. of Transportation of USA the Academic College of Emergency Experts in India (An Indo-US Emergency Collaborative Undertaking) the School of Planning and Architecture (SPA), New Delhi, National Forensic Sciences University (NFSU), National Highways Authority of India(NHAI), Malaysian Institute of Road safety (MIROS), Punjab and Haryana Police amongst others.

CTM is one of the premiere institutes, dedicated to provide outstanding quality education with innovation and is vigorously promoting inter-disciplinary research through its core disciplines.



About IRTE



The Institute of Road Traffic Education (IRTE), established 32 years ago as a not for profit research organisation, is the country's premier resource towards capacity building in all domains of traffic management, forensic science and road safety.

IRTE has been training police officers (both for Indian Police Services & State Police Service) personnel of the Indian Army, Navy and Airforce, Para Military forces, highway & PWD engineers, drivers and driver trainers, transport officers, motor licensing officers, amongst other stakeholders, across India.

Since its inception, IRTE has delivered several important initiatives which have received national and international recognition. These research based initiatives include the mobile traffic enforcement vehicles – Interceptor, Mobile Crash Investigation & Research Laboratory – CrashLab, the School Conclave programme for imparting road safety education in schools, the National Highway Road Safety Literacy Programme, Journey Risk Management JRM, Student Traffic Volunteers Scholarship Scheme STVS, the bottom-up approach in interactive driver training systems, Forensic Road safety Audit FRSA, amongst many others.

IRTE has been conferred with many national and international awards, including the first National Road Safety Award in 2000, by the Government of India and The Prince Michael International Road Safety Award (2001) Premier Prince Michael International Award 2018, presented to IRTE, the first time outside of the United Kingdom.

IRTE is a member of the United Nations Road Safety Collaboration and Towards Zero Foundation. IRTE has earned a Roster Consultative Status from the United Nations Economic and Social Council since 2010. IRTE has also been participating at the Global Forum for Road Traffic Safety (WP1) of the United Nations Economic Commission for Europe (UNECE) as an Observer. The IRTE and UNECE have signed a Memorandum of Understanding in Geneva on the occasion of the 76th session of the Global Forum for Road Traffic Safety to promote road safety in India and South East Asia.

In 2010 IRTE established the COLLEGE OF TRAFFIC MANAGEMENT (CTM) which is recognized as Centre of Excellence in Road Safety by the UNECE.



Message From The Director CTM-IRTE

We, at IRTE's College of Traffic Management are committed to the advancement of excellence so that together we can make our countries self-sustaining in the domains of forensic sciences and traffic management. We believe that education should be need and research based, and such scientific study must lay emphasis on indigenous issues and requirements keeping in mind adaptation to time.

Our aim is not just to provide degrees to our students, rather, we strive to instill in them confidence and self-sustainability, so that they are successful leaders of tomorrow. Keeping in mind that our goal is not just certification, we prepare the young minds with such practical and realistic knowledge such that they can function independently, creatively and effectively in their post-graduation lifetime.

A profession, contrary to what is generally perceived as that of crime and laboratory application, our M.Sc Forensic Science has been designed to provide further dimension to forensic engineers in intuitive forensic thinking and application of the science. Students should get opportunities in every domain including audit, process validation, plugging of loopholes, judiciary, insurance, legal consultancies and security agencies.

*Dr. Rohit Baluja, P.hD
President - IRTE &
Director - CTM*



Departments at the College

Department of
Traffic Engineering

Department of
Traffic Enforcement

Department of
Driver Training &
Road Safety Education

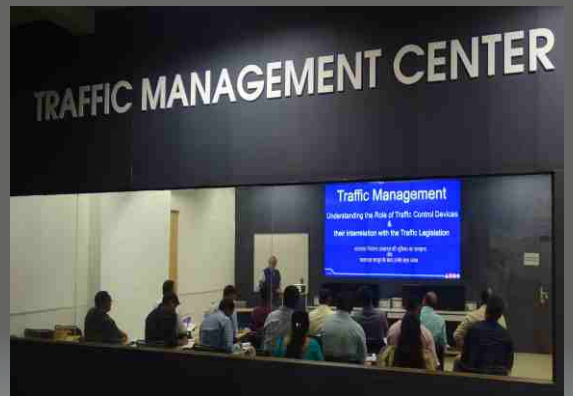
Department of
Forensic Science

Department of
Public Health

Department of
Law

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Department of Traffic Engineering



Departments at the College

Department of
Traffic Engineering

Department of
Traffic Enforcement

Department of
Driver Training &
Road Safety Education

Department of
Forensic Science

Department of
Public Health

Department of
Law

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Department of Traffic Enforcement



Departments at the College

Department of
Traffic Engineering

Department of
Traffic Enforcement

Department of
Driver Training &
Road Safety Education

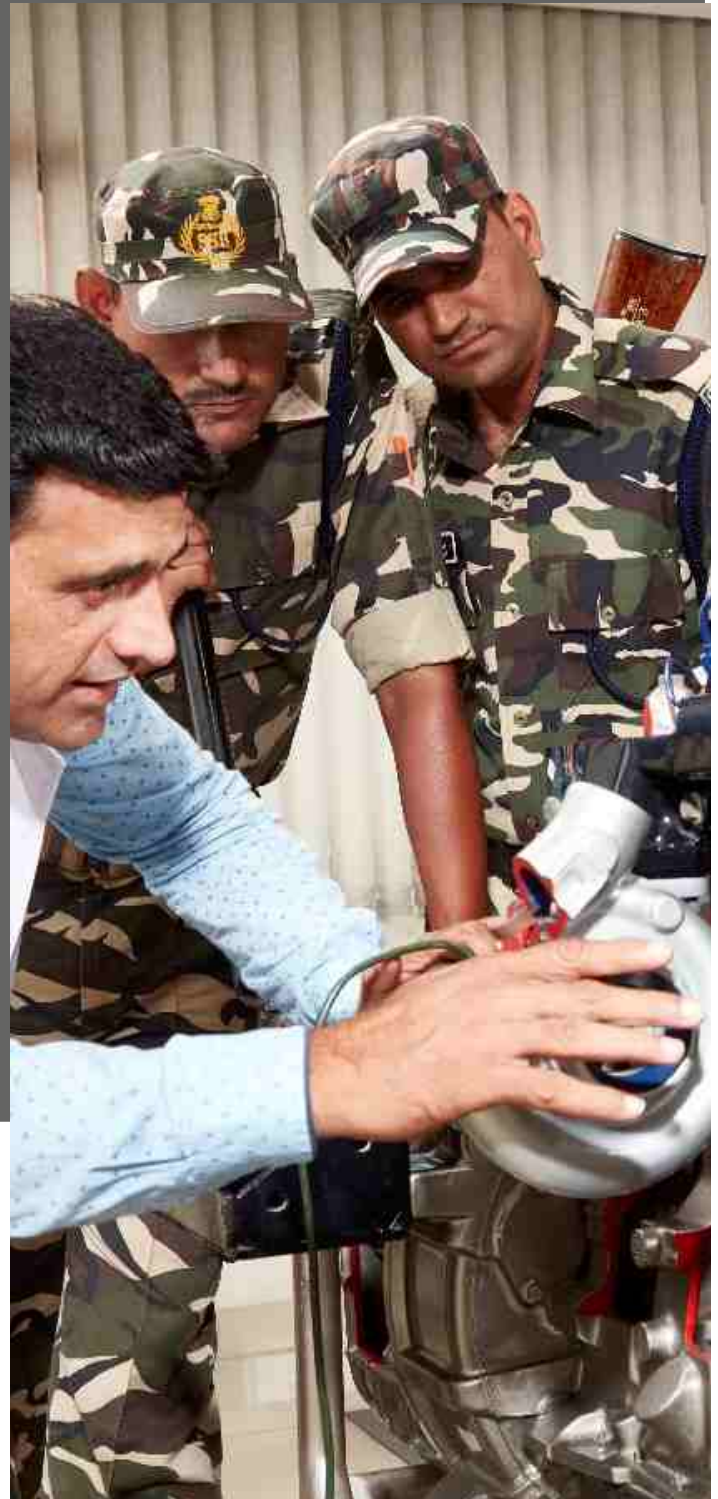
Department of
Forensic Science

Department of
Public Health

Department of
Law

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Department of Driver Training & Road Safety Education



Departments at the College

Department of
Traffic Engineering

Department of
Traffic Enforcement

Department of
Driver Training &
Road Safety Education

Department of
Forensic Science

Department of
Public Health

Department of
Law

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Department of Forensic Science



Departments at the College

Department of
Traffic Engineering

Department of
Traffic Enforcement

Department of
Driver Training &
Road Safety Education

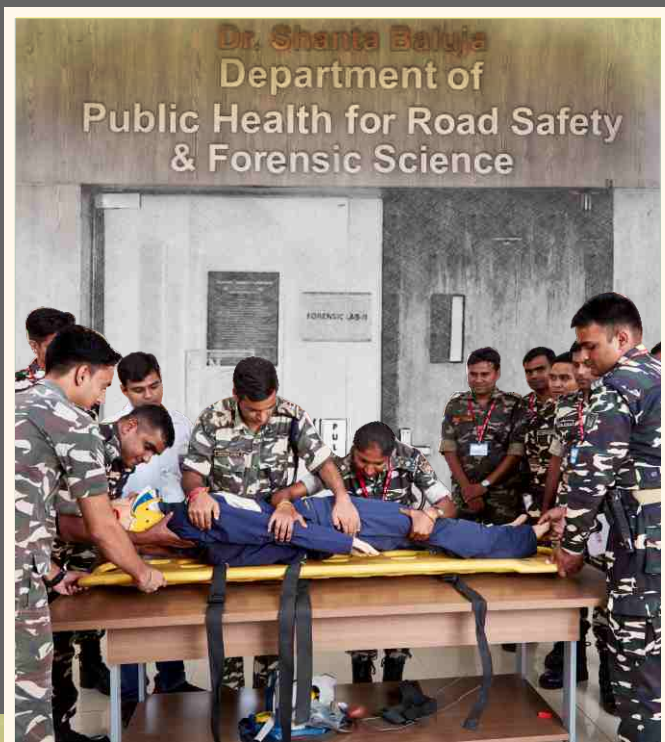
Department of
Forensic Science

Department of
Public Health

Department of
Forensic Science

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Department of Public Health



Departments at the College

Department of
Traffic Engineering

Department of
Traffic Enforcement

Department of
Driver Training &
Road Safety Education

Department of
Forensic Science

Department of
Public Health

Department of
Law

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Department of Law



About NFSU



National Forensic Sciences University, the erstwhile Gujarat Forensic Sciences University is the brain child of Govt of Gujarat. It was established by the Hon'ble Prime Minister of India Shri. Narendra Modiji, then Chief Minister of Gujarat in 2009 with a sole objective of creating professional experts in the field of Forensic sciences. At a

junction of spiking number of crimes involving sophisticated technologies and much evolved modus operandi, there was a need for scientists and technocrats. Thereby the resolution of such heinous crimes were more diligently possible. This has been prudently considered by the Govt of Gujarat and the university came into existence as a unique and first of its kind academic institution dedicated to Forensic Sciences across the globe.

The National Forensic Sciences University with the status of an Institution of National Importance is the world's first and only University dedicated to Forensic, behavioral, cybersecurity, digital forensics, and allied Sciences. It was established by the Government of India through Act, 2020 (32 of 2020) with the objective of fulfilling the acute shortage against the increasing demand for forensic experts in the country and around the world.

Since its inception, the university has been scaling new heights with its extraordinary and exemplary performances in the field of academic forensics sciences. Though the university started with conventional courses related to forensic sciences has been able to introduce novel courses those are based on the requirement of the country to solve the issues related to the society. Starting with four courses in three institutes, the university shrugged off the inception stages very early with pioneering efforts of introducing distinctive courses those were unique such as forensic nursing, forensic odontology, forensic nursing, homeland security and anti-terrorism, digital forensics to mention a few. This has reached a magical figure of forty currently. All these courses have been very much sought after by prospective and aspiring experts as they are the need of the hour. Based on its impressive successes achieved by this university within a short span of eleven years, the Government of India has recognized its services to the student communities and the professionals of the national and international origin, and has accorded the status of Institution of National Importance and the also as a central university in October 2020.

The university has been reaching numerous mile stones every year with the stellar academic and other related activities. The university has been making stringent efforts in the cutting edge research and the same is reflected in the publication of such innovative outcomes in the journals of international repute. The university has developed another institution exclusively for training of such professionals. It has also integrated the management studies in its ambit. Large number of officers belonging to various countries of African continent, south East Asia, Middle East nations, west Asia to mention a few.. The university has also established various centres of excellence in its campus such Ballistics Research Centre and Testing Range, Cyber Defence Centre, International Centre for Forensic Narcotics, International Centre for Humanitarian Forensics.

Ministry of Home Affairs, Government of India has already annexed the Delhi Centre, the erstwhile National Institute of Criminology and Forensic Sciences with this university. There is a scope of integration of many centres across the country and globe with this university for the benefit of the scientific investigative experts of the country. There are lots of prospects of establishing a number of academic centres across the globe by this university in the near future. This would definitely lead to the globalization of forensic sciences academia in true sense by this service-oriented institution. This proves the contemplation of the global village of forensic sciences under one roof of NFSU.



M.Sc Forensic Science Programme Inception of the Programme

Having contributed to nation building in the last 32 years by way of training police officials and engineers along with research, our transition to the next level for creating qualified personnel in scene of occurrence examination, scientific analysis of evidence, and thorough, reliable investigations, and helping the nation in capacity building, was a natural step ahead.

Considering the need for qualified personnel to handle the alarming scenario of crimes in the country and to create a scientific temperament, CTM is running a full-time, two-year-long postgraduate program through its Department of Forensic Science with the approval of the National Forensic Science University, Gandhinagar. The Department provides a program to produce qualified professionals eager to advance in the diverse fields of forensic science and its associated realms, with the goal of ensuring justice in court.





ABOUT THE PROGRAM

The M.Sc. program uniquely integrates a multitude of forensic scientific aspects, enabling graduating students to become valuable assets to various stakeholders.

We offer a comprehensive and engaging classroom learning program that provides students with a solid foundation in the principles, techniques, and applications of forensic science. We strive to create an immersive and dynamic learning environment.

Hands-on training is an integral part of our curriculum. We believe that actively engaging in laboratory experiments and simulations, allows students to enhance their technical expertise and analytical abilities. And through our fieldwork component, students have the chance to apply their theoretical knowledge in practical scenarios. They work alongside professionals in the field, gaining valuable insights into various domains of forensic science. This exposure helps them develop critical thinking skills and a deep understanding of the challenges faced in forensic investigations.

Furthermore, we foster partnerships with law enforcement agencies, forensic laboratories, and other relevant organizations to offer internships and collaborative project work to our students. These opportunities further enhance their practical exposure and provide valuable networking connections that can open doors to future employment.

OBJECTIVES OF THE PROGRAM

The objective of the program is to provide in-depth knowledge and encourage the holistic development of students in the field of forensic science by creating a research environment and offering hands-on experience in the various domains of analytical sciences through the M.Sc. program

Education

- To bridge the gap between companies and educational institutions by providing world-class education, thereby, creating competent candidates in the contemporary workspace.
- To incorporate recent innovations and deduce the overall trends in the criminal justice system through global and national collaboration.

Innovation

- To contribute to the advancement of forensic science, specifically by encouraging scientifically acclaimed practices in casework through meticulously crafted workshops and training
- To encourage ethical research work that contributes to the field of science as a whole, including the publication of research articles to help validate methodologies and approaches.

Development

- To facilitate industrial visits, guest lectures, workshops, research seminars, and conferences by building a strong academic-industry partnership and ensuring 100% placement support for students.
- To advise and guide students on careers and professional development within and beyond the field, whether through public or private sector opportunities or as successful up-and-coming entrepreneurs



Credit Matrix for M.Sc. (Forensic Science) Course

Semester- 1

Semester - I							
			Teaching Scheme				
Sr. No.	Subject Code	Subject	L	T	P	C	TCH
1	FSMS SI-1	Introduction to Forensics, Psychology, Law and Statistics	4	1	0	5	5
2	FSMS SI-2	Instrumental Techniques	4	0	0	4	4
3	FSMS SI-3	Crime Scene Management and Forensic Evidences	4	0	0	4	4
4	FSMS SI-4	Fingerprints and Questioned Documents	4	0	0	4	4
5	FSMS SI-5	Forensic Biology and Anthropology	4	0	0	4	4
6	FSMS SI-LC1	Laboratory Course- I	0	0	2	2	4
7	FSMS SI-LC2	Laboratory Course- II	0	0	2	2	4
Total Credits & Credit Hours						25	29

Semester- 2

Semester - II							
			Teaching Scheme				
Sr. No.	Subject Code	Subject	L	T	P	C	TCH
1	FSMS SII-1	Quality Management, Narcotic Drugs, Explosives and Forensic Chemistry	4	0	0	4	4
2	FSMS SII-2	Forensic Serology and DNA Profiling	4	0	0	4	4
3	FSMS SII-3	Forensic Medicine and Toxicology	4	0	0	4	4
4	FSMS SII-4	Forensic Ballistics	4	0	0	4	4
5	FSMS SII-5	Basic Concepts of Digital Forensics	4	0	0	4	4
6	FSMS SII-LC1	Laboratory Course - I	0	0	2	2	4
7	FSMS SII-LC2	Laboratory Course- II	0	0	3	3	6
Total Credits & Credit Hours						25	30

Semester- 3 *Specialization -1*

Semester - III <i>Specialization - 1 (Forensic Chemistry and Toxicology)</i>							
			Teaching Scheme				
Sr. No.	Subject Code	Subject	L	T	P	C	TCH
1	FSMS SP-I P1	Forensic pharmacology and Pharmaceutical drug analysis	4	0	0	4	4
2	FSMS SP-I P2	Advanced Forensic Toxicology	4	0	0	4	4
3	FSMS SP-I P3	Modern and Applied Analytical Forensic Chemistry	4	0	0	4	4
4	FSMS EL	Elective	3	0	0	3	3
5	FSMS SP-I LC	Laboratory Course	0	0	6	6	12
Total Credits & Credit Hours						21	27

Semester- 3 *Specialization -2*

<i>Specialization - 2 (Forensic Biotechnology)</i>							
			Teaching Scheme				
Sr. No.	Subject Code	Subject	L	T	P	C	TCH
1	FSMS SP-II P1	Forensic Genomics and Biocomputing	4	0	0	4	4
2	FSMS SP-II P2	Molecular Biology and r-DNA Technology	4	0	0	4	4
3	FSMS SP-II P3	Immunological techniques and Forensic Proteomics	4	0	0	4	4
4	FSMS EL	Elective	3	0	0	3	3
5	FSMS SP-II LC	Laboratory Course	0	0	6	6	12
Total Credits & Credit Hours						21	27

Semester- 3 *Specialization -3*

<i>Specialization - 3 (Forensic Physics and Ballistics)</i>							
			Teaching Scheme				
Sr. No.	Subject Code	Subject	L	T	P	C	TCH
1	FSMS SP-III P1	Advance in Physical Techniques	4	0	0	4	4
2	FSMS SP-III P2	Advances in Forensic Ballistics & Armour Materials	4	0	0	4	4
3	FSMS SP-III P3	Audio Recognition and Video Analysis	4	0	0	4	4
4	FSMS EL	Elective	3	0	0	3	3
5	FSMS SP-III LC	Laboratory Course	0	0	6	6	12
Total Credits & Credit Hours						21	27

Semester- 3 *Specialization -4*

<i>Specialization 4 (Fingerprints and Questioned Documents)</i>							
			Teaching Scheme				
Sr. No.	Subject Code	Subject	L	T	P	C	TCH
1	FSMS SP-IV P1	Modern Trends in Fingerprint Sciences	4	0	0	4	4
2	FSMS SP-IV P2	Questioned Documents and Forensic Accounting	4	0	0	4	4
3	FSMS SP-IV P3	Forensic Photography & Biometrics	4	0	0	4	4
4	FSMS EL	Elective	3	0	0	3	3
5	FSMS SP-IV LC	Laboratory Course	0	0	6	6	12
Total Credits & Credit Hours						21	27

Semester- 3 *Specialization -5*

<i>Specialization - 5 (Cyber Forensics)</i>							
			Teaching Scheme				
Sr. No.	Subject Code	Subject	L	T	P	C	TCH
1	FSMS SP-V P1	Cyber Law, Risk and Compliance	4	0	0	4	4
2	FSMS SP-V P2	Incident Response and Digital Forensics	4	0	0	4	4
3	FSMS SP-V P3	Vulnerability Assessment and Penetration Testing	4	0	0	4	4
4	FSMS EL	Elective	3	0	0	3	3
5	FSMS SP-V LC	Laboratory Course	0	0	6	6	12
Total Credits & Credit Hours						21	27

Semester- 3 *Specialization -6*

<i>Specialization - 6 (Crime Scene Management)</i>							
			Teaching Scheme				
Sr. No.	Subject Code	Subject	L	T	P	C	TCH
1	FSMS SP-VI P1	Basics of Crime, Evidence and Law	4	0	0	4	4
2	FSMS SP-VI P2	Concepts of Crime Scene Management	4	0	0	4	4
3	FSMS SP-VI P3	Advance techniques in Crime Scene Management	4	0	0	4	4
4	FSMS EL	Elective	3	0	0	3	3
5	FSMS SP-VI LC	Laboratory Course	0	0	6	6	12
Total Credits & Credit Hours						21	27

Semester- 4

Semester - IV							
			Teaching Scheme				
Sr. No.	Subject Code	Subject	L	T	P	C	TCH
1	FSMS SIV	Dissertation/Major Project	0	0	0	25	0
Total Credits & Credit Hours						25	0

Total Credits: 96

L: Lecture T: Tutorial P: Practical

1 C = 1 Hour of Lecture / Tutorial & 1 C = 2 Hours of Laboratory / Project

LIST OF ELECTIVES

Sr. No.	Subject	
1	Elective 1	Forensic Engineering
2	Elective 2	Scientific Protocols of Fire Investigation
3	Elective 3	CCTV Forensics
4	Elective 4	Anti-Dope Forensics
5	Elective 5	Nano-Biotechnology
6	Elective 6	Cryptography & Steganography
7	Elective 7	Research Methodology
8	Elective 8	Disaster Victim Management
9	Elective 9	Machine Learning for Data Science
10	Elective 10	Forensic Journalism

Course Structure



FIELD WORK

CTM is the only Institution in Delhi NCR that offers fieldwork opportunities to students as an integral part of their curriculum. This unique feature allows students to actively engage in real-time cases collaborating with Police officials, mobile forensic units & investigators. This helps the students to visualize and learn strategies employed in court proceedings to present themselves as competent forensic experts when providing testimony. Additionally, students gain a comprehensive understanding of victimology, criminology, and the challenges associated with these fields. They also acquire knowledge of the procedural aspects involved in conducting post-mortems.

This is further described below:-

1. Police Departments – Students have the privilege of working with police departments and participating in the investigation of real-time cases at crime scenes, working alongside skilled investigating officers.

2. Law Firms - They acquire insightful and practical knowledge of court proceedings and develop the necessary skills to serve as expert witnesses in the court of law.

3. NGOs- We collaborate with NGOs working on various crime-related issues, such as crimes against women, crimes against children, and child labour, providing students with the chance to explore the physical and psychological challenges faced by victims and learn about proactive forensic strategies. psychological challenges faced by these victims and how they are dealing to overcome them. Providing them information and guidance regarding Pro-active Forensics.

4. Hospitals - Visit for learning procedural details of Post-Mortem conduction for collection & preservation of sample evidences as per requirement of the Case.

Why Study with us

- We offer comprehensive 100% placement assistance.
- Our institution houses advanced and well-equipped Forensic Science Laboratories, including the Crime Scene Investigation Lab, Questioned Document & Fingerprint Science Lab, Forensic Biology Lab, and Forensic Chemistry Lab, among others.
- We provide expert talks, guest sessions, and training programs conducted by esteemed national and international academicians and experts in the field of Forensic Science.
- We establish strong industry-academia linkages through conferences, seminars, workshops, training sessions, events, and career counselling sessions.
- Our students have the opportunity to intern in various government labs such as Regional Forensic Science Laboratories, State Forensic Science Laboratories (FSLs), and Central Forensic Science Laboratories (CFSLs) across India. Additionally, internships are available in private forensic science laboratories such as Truth Lab, Hawk Eye Forensics, International Forensic Services, Cyint Technologies, and more.
- We emphasize on extending research areas to promote interdisciplinary collaboration.
- We have signed Memorandums of Understanding (MoUs) with esteemed institutes/organizations including University of Birmingham, Graz University of Technology, School of Planning and Architecture, New Delhi, Haryana Police, Punjab Police, National Forensic Sciences University (Delhi Campus), and Hawk Eye Forensics.

Placement

- At CTM, we strive to provide our students with a wide range of placement opportunities that align with their career aspirations. Our strong industry connections, combined with our comprehensive curriculum, ensure that graduates are well-prepared for future job prospects.
- Throughout their placements, students receive mentorship and guidance from experienced professionals in the field. These opportunities not only enhance their technical skills but also foster the development of critical thinking, teamwork, and communication skills that are vital for a successful career in forensic science.
- **Career Outcomes**
 - As Forensic Scientists/ Senior Scientific Officer/ Scientific Officer/ Senior Scientific Assistant/ Scientific Assistant/ Laboratory technicians in various Forensic Science Laboratories (Government & Private Forensic Science Labs) across India.
 - Freelance experts in the area of Questioned Documents & Finger Prints
 - In material testing laboratories – The quality check division
 - Both Government & Private Banks
 - Insurance agencies
 - Pharma Companies
 - Detective Agencies
 - Security Agencies/departments
 - Research Organizations
 - Academics-Colleges/Universities
 - Legal/Consulting Firms
 - Multi-National Companies
 - Corporate Firms
 - Quality Audit Organisations
 - Digital, Cyber forensic & mobile forensic Labs & firms



Internal Quality Assurance Cell (IQAC)

The primary aim of IQAC is to develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution. It also promotes the measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices

Anti-Ragging Cell – Composition

The College of Traffic Management has an anti-ragging committee established to prevent ragging on the campus as Zero-Ragging Zone for both the departments. It is composed of the Director, Heads of Department, and faculty members. The committee works to give students ragging free campus through zero tolerance approach to it. A mandatory undertaking from all students as well as from their parents/guardians is obtained at the time of their admission to the college. An anti-ragging guidelines and regulations are displayed at various areas of the college in every floor.

Women Cell

The College has established a Women Cell in the college campus for the women faculty, staff and girl students, to enhance understanding of issues related to women and to make the college campus a safe and comfortable place for them. With an aim of creating awareness of their rights and duties the cell talks and also takes up women's issues and problems. It also provides a platform for women to share their experiences and views regarding their status in the society and to suggest ways to improve and empower themselves.

Career Counselling, Placement and Personality Development Cell - Composition

This cell was created with an objective to address the issues such as -To equip students with skills beyond the text books that will help them deal with difficult challenges in the growing world. Provide Career counselling with well-established entrepreneurs/ Organizations/ Industry persons. To focus on overall personality development. To groom students ready fit for the Placement agencies/ Police Departments/ MNCs/ Labs/ Banks/ Legal firms and so on

Note: the Candidates are required to submit affidavit against ragging at the time of admission.

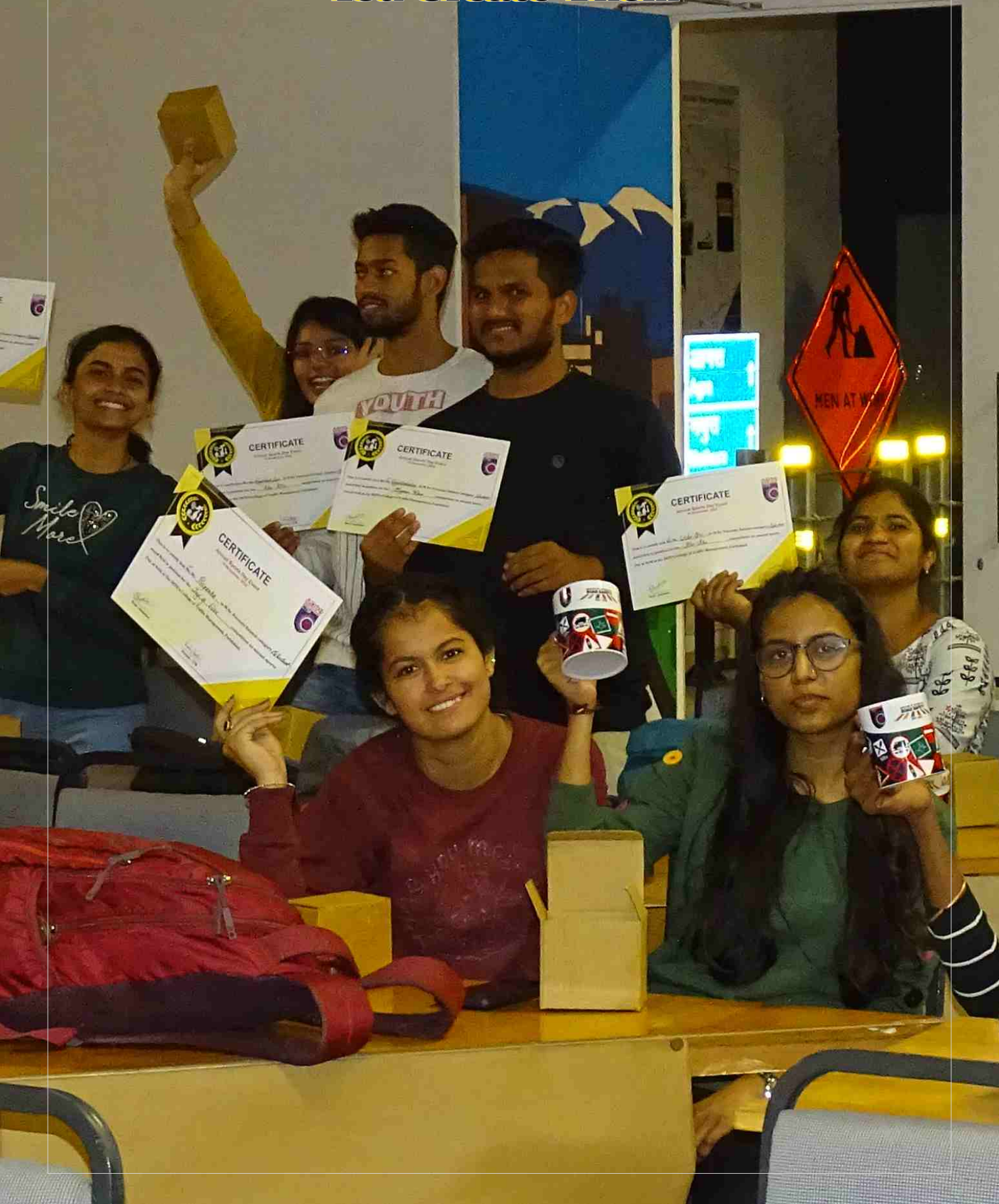
Grievance Redressal Cell – Composition

The College has a Grievance Redressal Cell looking into varied student complaints regarding examinations, fees, and other related issues. The grievance cell will undertake each complaint or grievance of the student shall be entered as per the Performa attached and will be allotted a serial number. Every effort shall be made to resolve the grievance within three working days but maximum seven days and a report thereof shall be sent to the Director of the College. Whenever the email address is given in the complaint by the complainant, the reply shall be sent through email.

Committee on Sexual harassment - Composition

Committee to check menace of sexual harassment and violence against Women as -To ensure provision of a work and educational environment that is free from sexual harassment. To take all reasonable steps (active and preventive in nature) to prevent the harassment occurring; To address any oral/written complaint about: unwelcome sexual advances, unsolicited acts of physical intimacy, unwelcome requests for sexual favors or other unwelcome conduct of asexual nature. Unwelcome conduct of a sexual nature includes oral or written statements of a sexual nature to a person, or in a person's presence, Humiliating, Intimidating, Demeaning and/or Persistent criticism, Open hostility, Suggestive comments or Body language, Publishing, Circulating or Displaying pornographic, Racist, Sexually suggestive or Otherwise offensive pictures or Other materials, Unwanted physical contact, Ranging from an invasion of space to a serious assault.

Opportunities Don't Just Happen You Create Them



An Enabling Environment

College of Traffic Management incorporates a special advantage, being located in Aravalli Hills, Faridabad, within the National Capital Region of Delhi. The College has been strategically built in the calm environment of the Aravalli's on a 1.75 Acres of land with a built-up area of over 29,000 sq. ft. The College is well connected with domestic and international airport, railways stations and the Inter-State bus terminals. Hospitals, shopping centres, and recreational facilities are available at a convenient distance. The College ground with manicured lawns, trees, and flowers, makes a healthy and pleasant environment for peaceful learning and sharing.

College of Traffic Management provides the quality infrastructure to fulfil the overall educational needs of the students. The College has fully AC classrooms equipped with advanced multimedia projectors and LED displays. The College has advanced Lab facilities for the students to perform their practical and research work



Road Safety Court of Justice

Road Safety Court of Justice has been established under the aegis of the Department of Law at the College of Traffic Management. It is one of the most prominent departments of IRTE which works jointly with the rest of the departments.

This is a Moot court room, where judicial officers and prosecutors are trained, particularly in the area of crime and accident investigation.



RESOURCES /CAMPUS FACILITIES

Our facilities are nothing short of world class. The College provides real-life, standard working environments, giving you a significant advantage for when you finish your studies.

AUDITORIUMS

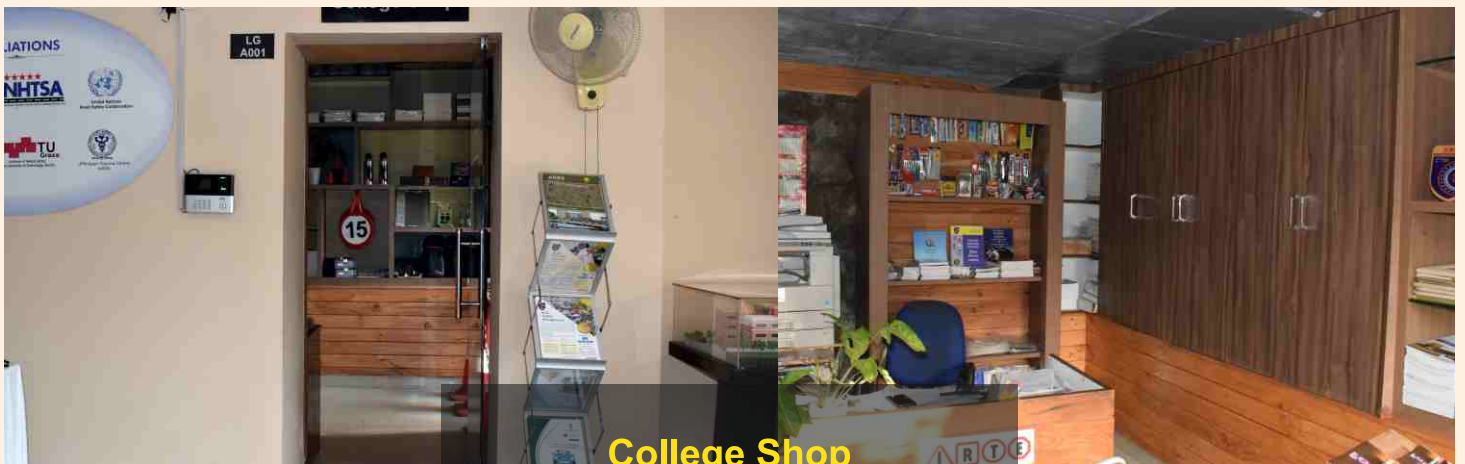
The College has two air-conditioned auditoriums with a seating capacity of 75 & 120 respectively. Auditoriums & Seminar Halls are equipped with the latest audio visual facilities. These facilities provide an ideal venue for seminars, guest lectures, conferences, workshops, panel discussions talk shows, and cultural activities.



Facilities



Cafeteria & Canteen



College Shop



Library

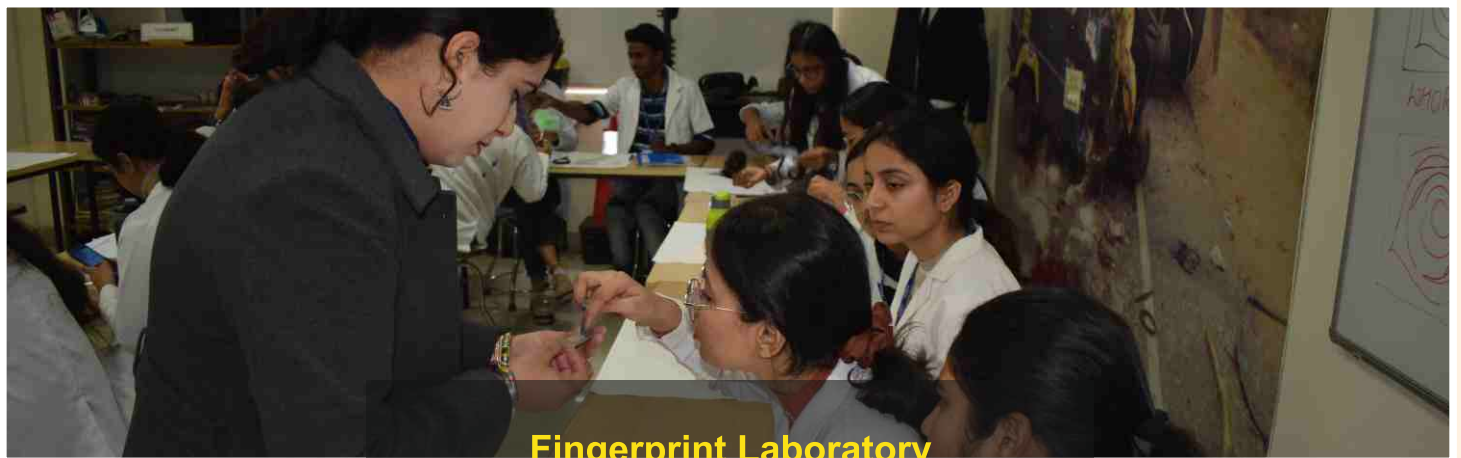


Classrooms

Labs



Chemistry & Toxicology Laboratory



Fingerprint Laboratory



Biology Laboratory



QD & FP - LAB

Labs



**Crime Scene Investigation,
Forensic Science & Engineering Lab**



Alcohol Countermeasure Lab



Trauma Lab

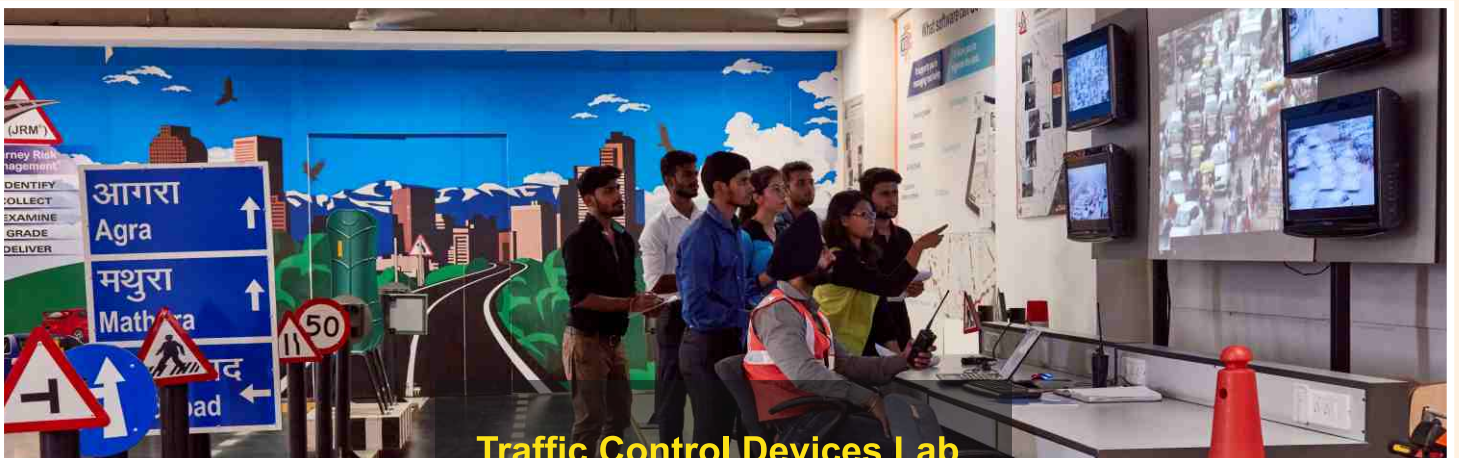


Cut Section & Simulator Lab

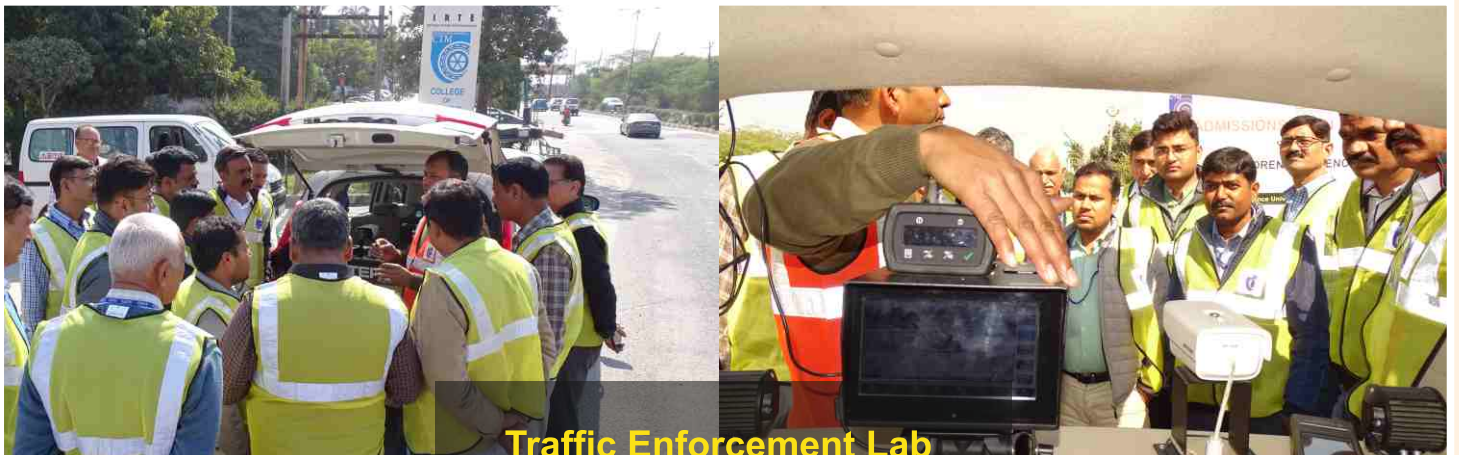
Labs



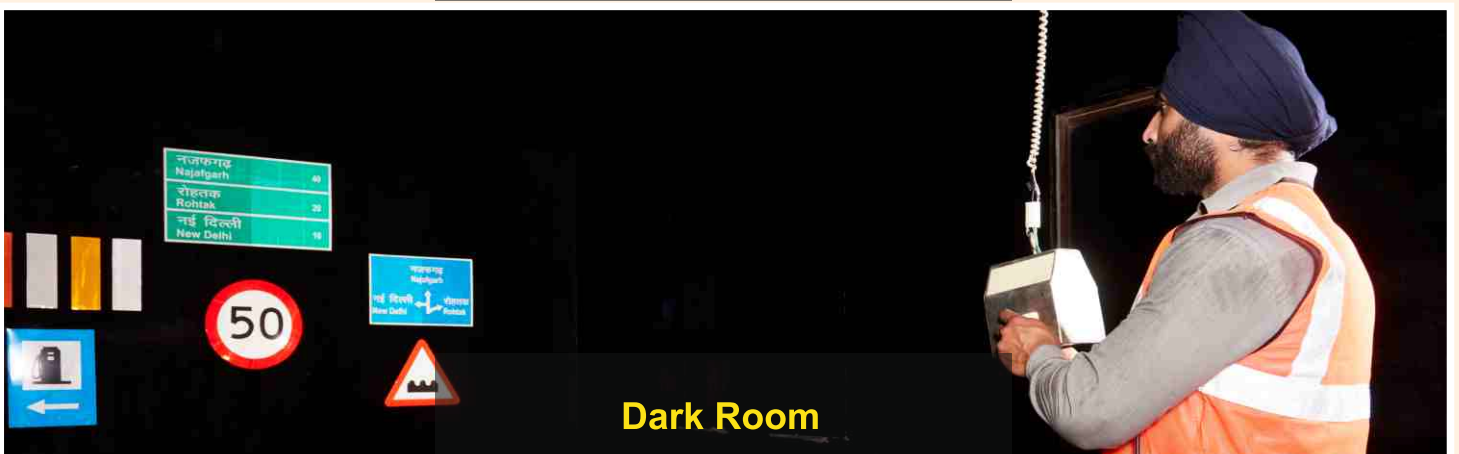
Traffic Management Centre



Traffic Control Devices Lab



Traffic Enforcement Lab



Dark Room

Recent Events, Trainings, And Field Visits

Two-day Hands-on Practical Training –College of Traffic Management-IRTE focuses on this aspect in order to provide its students with hands-on-training. A two-day training was organized on 24th-25th January 2023. The following specializations were offered:

- a) Digital and Cyber Forensics
- b) Forensic Biology-DNA Extraction and Quantification
- c) Questioned Documents and Fingerprints
- d) Forensic Chemistry-Chemical Examination via UV-VIS Spectrophotometer



Crime Scene Investigation Event – College of Traffic Management-IRTE conducted a CSI event on 1st April 2023 to assess the student's understanding and implementation of the concepts of crime scene management. For this, a mock crime scene was made and the students were asked to investigate the same in the capacity of a Forensic expert.



Visit to Deen Dayal Upadhyay Hospital, Hari Nagar, Delhi - College of Traffic Management-IRTE organized an autopsy visit for the students of M.Sc. Forensic Science at Deen Dayal Upadhyay Hospital, Delhi on 4th May 2023.



CTM-IRTE EVENTS AT A GLIMPSE



CTM-IRTE EVENTS AT A GLIMPSE



Fresher's Party



Convocation Ceremony



Farewell Party

Guidelines for Admission

Eligibility For M.Sc. Forensic Science

Bachelor's degree in Science / Forensic Science/ Medicine / Engineering / Pharmacy/Dentistry/AYUSH with at least 55% for General/OBC (NCL)/EWS category candidates, and 50% or equivalent for SC/ST and PwD category candidates.

Seat Intake

Limited number of seats.

Procedure For Admission

1. Download and fill out the application form from our website:<https://www.irte.com/assets/admission/Admission-Form-2023-24.pdf>.
2. Refer to the Admission Policy on the college website's Admissions Page for the list of documents to be attached.
3. Attach any applicable annexures, if required.
4. Include the payment receipt for the application form fee of Rs 800/- (Rs 400/- for SC/ST/EWS candidates).

You can either email scanned copies of all the above documents to m.sc.ctm@irte.com or send the hard copies by post to:

The Director, College of Traffic Management, IRTE, Surajkund Badhkal Road, Aravali Hills, Sector-43, Faridabad- 121010, Haryana.

NFSU ERP Enrolment fees

Please note: It is advisable to review the specific guidelines mentioned in the Admission Policy for complete and accurate information regarding the documents and annexures to be submitted. Incomplete submission is subjected to rejection of the application for admission.

MODE OF ADMISSION

Based on the eligibility criteria. The final selection of candidates will be based on merit and the verification of submitted documents and annexures. The cut-off list of selected candidates will be uploaded on our website at www.irte.com.

Fees and Expenses

The fee structure for the application form is as follows:

1. APPLICATION FORM FEE:
Rs 800/- for general category candidates.
Rs 400/- for SC/ST/EWS category candidates.
USD 30 for foreign nationals.
2. Fee Structure For M.sc. Forensic Science Program

M.Sc. Forensic Science				
Fees Structure (INR)				
	Semester 1	Semester 2	Semester 3	Semester 4
Tuition Fees	65000	65000	65000	65000
Caution Money (Refundable)	7500			
Convocation				2500
NFSU Examination Fees	1500	1500	1500	1500
NFSU ERP Enrolment fees	1000		1000	
Alumni Fee		-		1000
Total	75,000/-	66,500/-	67,500/-	70,000/-
Grand Total (INR)	Rs. 2,79,000/-			

BANK DETAILS & QR CODE (for UPI Payment)

The details of account is given below

Account Name	COLLEGE OF TRAFFIC MANAGEMENT
Bank Name :	AXIS BANK LTD. GREENFIELD COLONY, FARIDABAD, HARYANA
Account Number:	922010045530757
IFSC Code :	UTIB0002693

Online Payment via QR Code



Memorandum of Understandings & Associations



National Highways Authority of India



Malaysian Institute of Road Safety



Global NCAP Assessment Program

United Nations Economic & Social Council for Europe (UNECE)

United Nations Road Safety Collaboration (World Health Organisation, Geneva)

National Highway Traffic Safety Administration Department of Transport United States of America



UNIVERSITY OF BIRMINGHAM

Department of Civil Engineering University of Birmingham, United Kingdom



Graz University of Technology Institute of Vehicle Safety, Graz, Austria



School of Planning & Architecture, New Delhi



Haryana Police



Punjab Police





*Lets make Global Roads Accident-free,
Pollution-free and Stress-free, through
Education, Discipline, Research and Planning.
That's the Philosophy of IRTE,
a non-profit institution
for making people aware - of the value of life,
so that happiness prevails!!*



**M.Sc.
FORENSIC SCIENCE**
Post Graduate Degree Programme



College of Traffic Management

The College Traffic Management has been established to take forward IRTE's vision of creating an umbrella facility for research based training for capacity building in Road Safety Management for India and other developing countries.

Based in the Aravali Hills in the NCT of Delhi, the College has five departments:

- Department of Traffic Enforcement
- Department of Forensic Science
- Department of Traffic Engineering
- Department of Driver Training & Road Safety Education
- Department of Public Health for Road Safety
- Department of Law

College Of Traffic Management



**INSTITUTE OF ROAD TRAFFIC EDUCATION
COLLEGE OF TRAFFIC MANAGEMENT**

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