

DEGREE COURSES

2022 -23
Prospectus

M.Sc Forensic Science

CENTER OF EXCELLENCE IN ROAD SAFETY FOR SOUTH-EAST ASIA

www.irte.com

The background image shows a multi-story brick building with several windows. In the foreground, there is a paved walkway, a green metal frame, and various plants and shrubs. The scene is well-lit, suggesting daytime.

Embracing a Vision & Mission

Aim: Towards the creation of a Scientific Traffic Management System that can deliver safety on the roads & catalyse the process of efficiency in traffic and transport management. Such a process would help build the basis of a sustainable economy for the country.

Vision: IRTE's College of Traffic Management has been created as a single umbrella facility for research in all the domains of traffic management. Such need based indigenous research is aimed at the creation of tools and systems of training, intended for capacity building, for Road Safety Management in India and other developing countries.

Mission: To make global roads efficient, accident free and tension free through education, discipline, research and planning and to make people aware of value of life, so that happiness prevails.

Values: Moving away from cut-paste to realistic, need-based indigenous research. Research should open the gates to such knowledge which will lead towards the development of tools and systems through which manpower capacity could be built, creating sustainability in traffic and transport management.

PHILOSOPHY: To promote 'Atmanirbharta or sustainability ' in the areas of Traffic Management & Forensic Science for our countries and society at large.

Message From The Director CTM-IRTE

Education based upon indigenous and need-based research is central to our vision.

We are committed to the advancement of excellence so that together we can make our countries self-sustaining in the domains of traffic management and forensic sciences.

I am of the belief that we do not aim at providing degrees to our students, rather, we strive to develop in them the basis of confidence and self-sustainability, so that they are successful leaders of tomorrow.

Surely, our aim is not just certification, but to prepare the young minds with such practical and realistic knowledge that they can function independently, creatively and effectively in their post-graduation lifetime.



About the College

College of Traffic Management

The College of Traffic Management (CTM) under the aegis of Institute of Road Traffic Education (IRTE) was established in 2009. The College is a researched based institution located on the Surajkund Badhkal Road, adjacent to the Manav Rachna University in Faridabad, NCR Delhi. What makes the College so exceptional is its Redbrick facia, incorporated with modern architecture.

The College offers a variety of short term certificate courses in traffic management and forensic science that includes the subjects of : traffic engineering, road safety audit, traffic enforcement, accident investigation, highway asset management, fleet management, driver training, scene of crime investigation, fingerprint and document examination.

The College 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. The College 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 a MoU 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 Highways Authority of India(NHAI), Malaysian Institute of Road safety (MIROS), Punjab and Haryana Police amongst others.

The College shows a vision to become one of the premiere institutes, with its dedication in providing outstanding quality education with innovation and is vigorously promoting inter-disciplinary research through its core disciplines.



Opportunities & Reasons to study with us



The only single umbrella facility in South East Asia dealing with all domains of traffic management, traffic enforcement and accident investigation.

Academic Excellence: through Highly Qualified & Experienced Faculty.

360 Degree Development through Visits, Expert Talks, Live Projects etc.

Smart Campus Experience: Ultra-Modern facilities - Smart Classrooms to Library to Café to Campus.

Lectures delivery aided with Audio-visual aids, Mics, projectors and ICT tools as per requirement.

Well-equipped and specialized Laboratories and Moot Court Room.

Advice from Mentors & Experts on Research Oriented Issues

College of Traffic Management -Centre of Excellence in Road Safety for South East Asia

Acclaimed professors from world-renowned Universities, Educational Institutions and Industry.

100 % Placement assistance for both Government and Private - Organization and Bodies.

International Collaborations, MOU's & Industrial partners

Innovation & Research Centre

Field Work Exposure, Trainings, Attachments and Internships – Police Departments, Regional Forensic Science Labs, State Forensic Science Labs, Central Forensic Science Labs, Law Firms, Advocates, Banks, MNCs, Cyber Forensic Units, Private Forensic Labs, Insurance Companies etc

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, railway 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.



About IRTE



The Institute of Road Traffic Education (IRTE), established 31 years ago as a not for profit research organisation, has become 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 has been recognized as the Centre of Excellence in Road Safety for Southeast Asia.



**Opportunities Don't Just Happen
You Create Them**



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

The Traffic Engineering Department is perhaps the only research-based training center, where the modules and tools and systems of training are need-based and research-based. Road Safety Engineers at this department are amongst transport and traffic engineers and planners, accident investigators, forensic experts, enforcement specialists, system managers, and IT professionals.

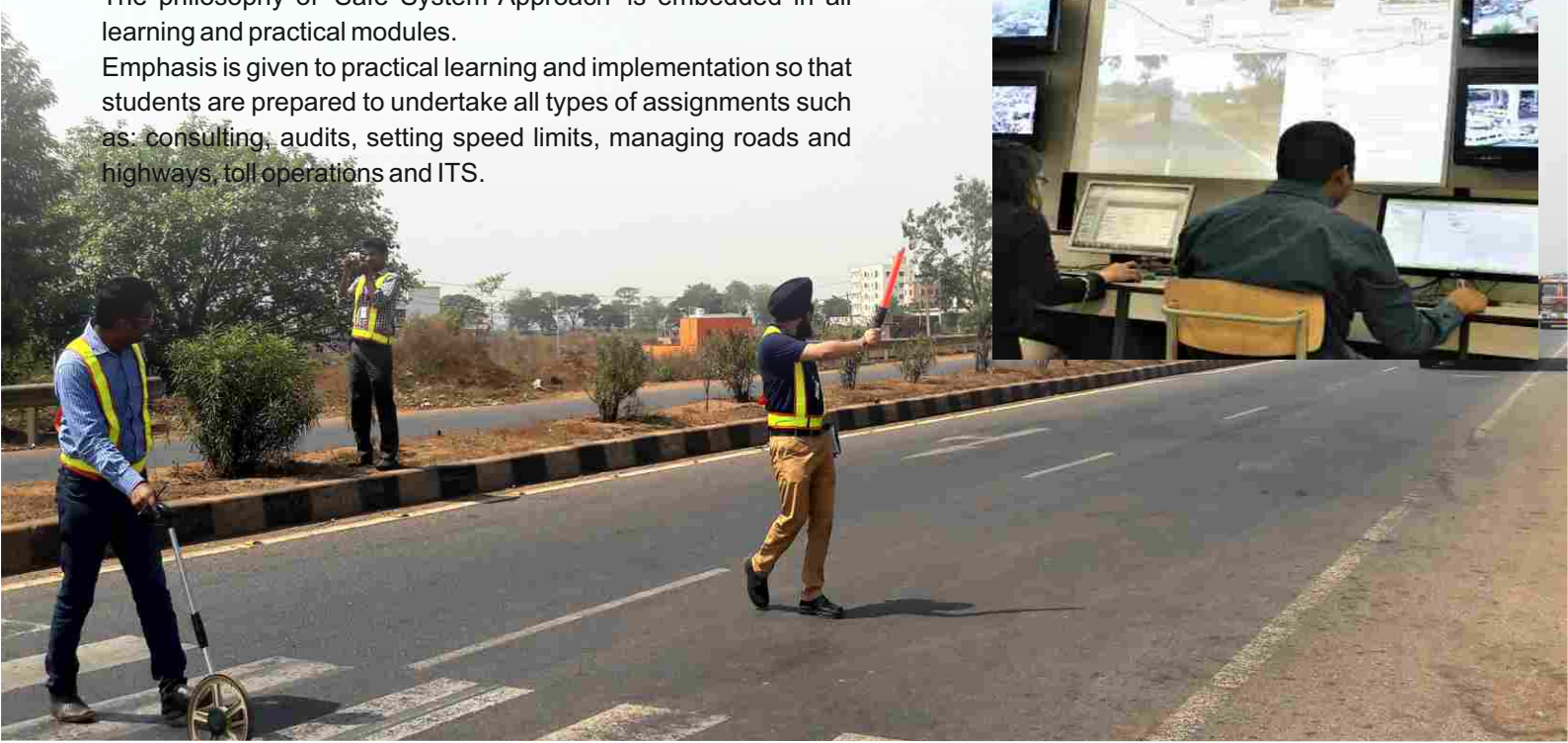
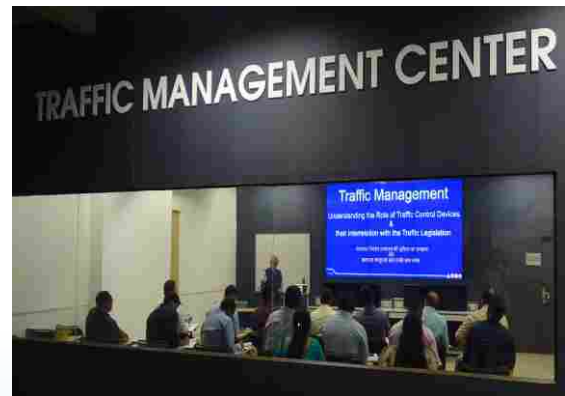
The department has been playing a key role in introducing students to the algorithms of traffic and transport engineering, understanding the risks road users face in their journeys on the roads, road safety audits, highway asset management, traffic psychology in planning road operations. Interestingly, the practical study is based upon the risk audit of over 63,000 kms of national and state highways and summary audits of 65 cities conducted by the road safety engineers of IRTE.

IRTE's Mobile Crash Investigation & Research Laboratory is a key tool and system through which students get an opportunity to learn practical ways of audit and planning.

Students are exposed to different road environment needs, such as urban areas, village roads, hill roads, those under construction under different weather conditions.

The philosophy of 'Safe System Approach' is embedded in all learning and practical modules.

Emphasis is given to practical learning and implementation so that students are prepared to undertake all types of assignments such as: consulting, audits, setting speed limits, managing roads and highways, toll operations and ITS.



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Department of Traffic Enforcement

Traffic enforcement is normally referred to, as the supervision of road users' compliance, with the traffic legislation, and punishment for non-compliance. The aim of enforcement is to prevent the occurrence of road traffic violations by means of control and punitive sanctions. In India, the legislation for road traffic rests the responsibility of compliance on the motorized vehicles only. In other words, there is no legislation that affixes the responsibility of desired road usage on non-motorized traffic like the pedestrians, cycle rickshaws, animal and man pulled vehicles, etc. This department therefore also looks into the aspects of Educative & Persuasive enforcement.

Police across the world receive their training and education at respective police training schools, and academies. So is the case in India. However, the IRTE and College are an exception since police officers and probationers even from the National Police Academy and other State Police institutions have been receiving their short-term courses in traffic management and accident investigation here.

The College has over the years also has had the opportunity of imparting training to police officers from Tanzania, Nepal, Bhutan, Sri Lanka, Myanmar, and Bangladesh.

In addition to traffic enforcement, police officers are offered courses in accident investigation, crime scene investigation, traffic regulation, data management, ITS, and public dealing.



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Department of
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Department of Driver Training & Road Safety Education

The driver training programs at IRTE are an amalgamation of the best practices, driving techniques and standards, customized to suit the requirements of the driver in the current driving environment. Training Modules are based upon the need of the driver/rider with reference to the vehicles they drive, type of road environment they operate in, provision of legislation in those areas as applicable, as well as the driver's demographics. Tools and systems of training are supported by extensive research conducted through camera-based audits of the roads and the driving environment as well as surveys and interviews of drivers.

This Department caters to training of Driving Instructors, Motor Licensing Officers, and Road Transport Officers as well. College is perhaps the only institution in the country where Training of Trainers is held.

Government of Haryana has authorized this Department to train and assess commercial vehicle drivers as a pre-condition to renew their licenses. The Department has provided such support the Transport Departments of the National Capital Territory of Delhi and Maharashtra.

Over 7,50,000 drivers have received post license training at IRTE with a pre-assessment before the training and a post assessment on completion.

Since the Indian legislation only provides for a responsibility of road usage on motorized drivers and riders only, all the other stakeholders such as pedestrians, bicyclists, animal, and man pulled vehicles, those guiding animals on the road are vulnerable in the absence of receiving any formal awareness on road laws and ethics. This Department caters to highway literacy programmes for these vulnerable road users significantly.



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Department of
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Department of Forensic Science

Forensic science deals with the acquisition and analysis of scientific data for application to the study and resolution of crime, investigation, civil and regulatory issues, and criminal identification amongst others.

The department with its interdisciplinary approach not only contributes to the investigation of road traffic accidents and in its reconstruction, but it also helps to produce information and safety suggestions to improve road safety through studying road traffic accidents.

With the passage of time, human society has encountered an ever-increasing rate of crimes along with the scope of investigating them. Thus, the department performs the following three main functions:

Investigation

Training

Teaching

Scene of Crime Investigation, Accident investigation are specializations of the Department.



Departments at the College

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Department of
Forensic Science

Department of
Public Health

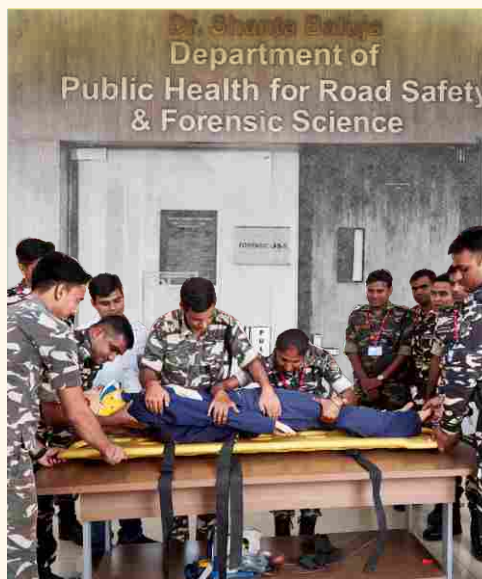
Department of
Forensic Science

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Department of Public Health

At the Department of Public Health for Road Safety, data is collected on the magnitude, characteristics, extent and consequences of road traffic crashes through injury surveillance. Principles of epidemiology are applied to analyze the patterns of incidence and determinants of injury. Behavioral science is used to increase knowledge of the social and Behavioral aspects of high-risk driving behaviour.

- Stress and fatigue
- Falling health of heavy vehicle drivers of the unorganized sector
- Alcohol, drugs & driving
- Youth driving behaviour
- Occupational Injury
- Post-crash management



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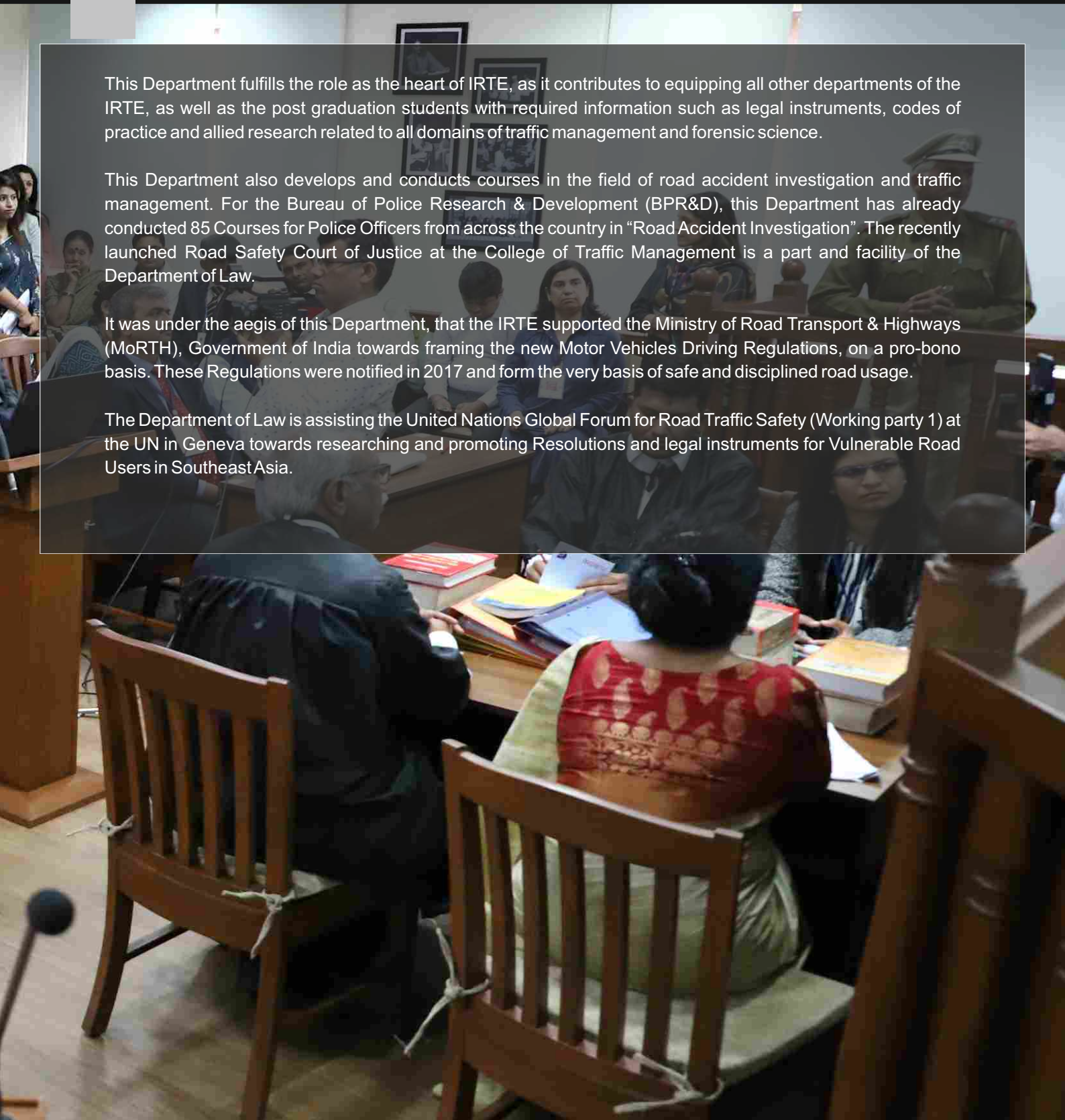
Department of Law

This Department fulfills the role as the heart of IRTE, as it contributes to equipping all other departments of the IRTE, as well as the post graduation students with required information such as legal instruments, codes of practice and allied research related to all domains of traffic management and forensic science.

This Department also develops and conducts courses in the field of road accident investigation and traffic management. For the Bureau of Police Research & Development (BPR&D), this Department has already conducted 85 Courses for Police Officers from across the country in "Road Accident Investigation". The recently launched Road Safety Court of Justice at the College of Traffic Management is a part and facility of the Department of Law.

It was under the aegis of this Department, that the IRTE supported the Ministry of Road Transport & Highways (MoRTH), Government of India towards framing the new Motor Vehicles Driving Regulations, on a pro-bono basis. These Regulations were notified in 2017 and form the very basis of safe and disciplined road usage.

The Department of Law is assisting the United Nations Global Forum for Road Traffic Safety (Working party 1) at the UN in Geneva towards researching and promoting Resolutions and legal instruments for Vulnerable Road Users in Southeast Asia.



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 mock court room, where judicial officers and prosecutors are trained, particularly in the area of crime and accident investigation.



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.

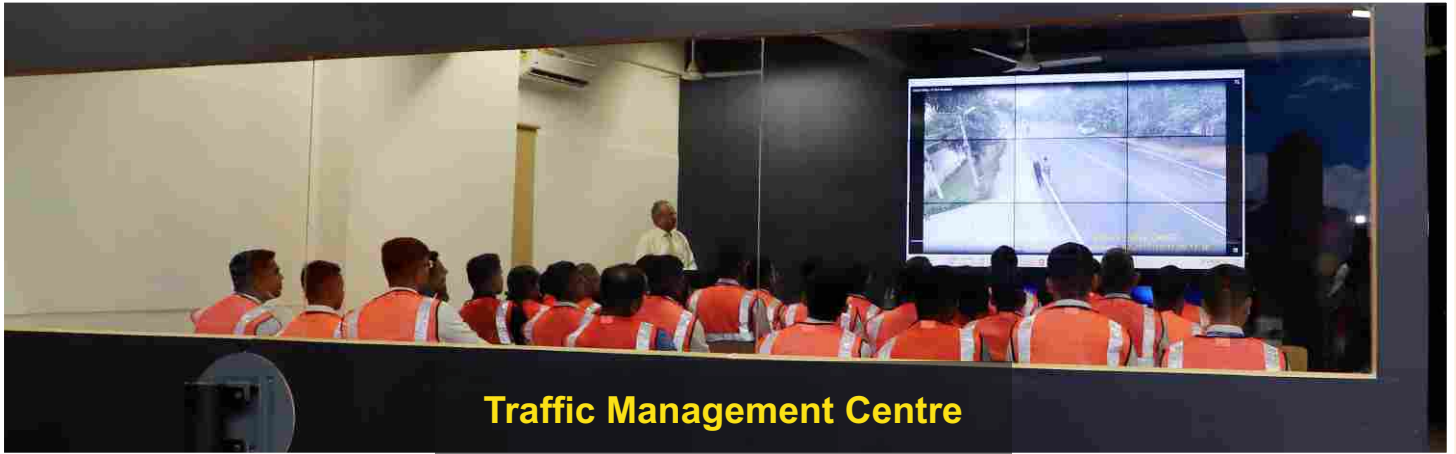
AUDITORIUMS

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.

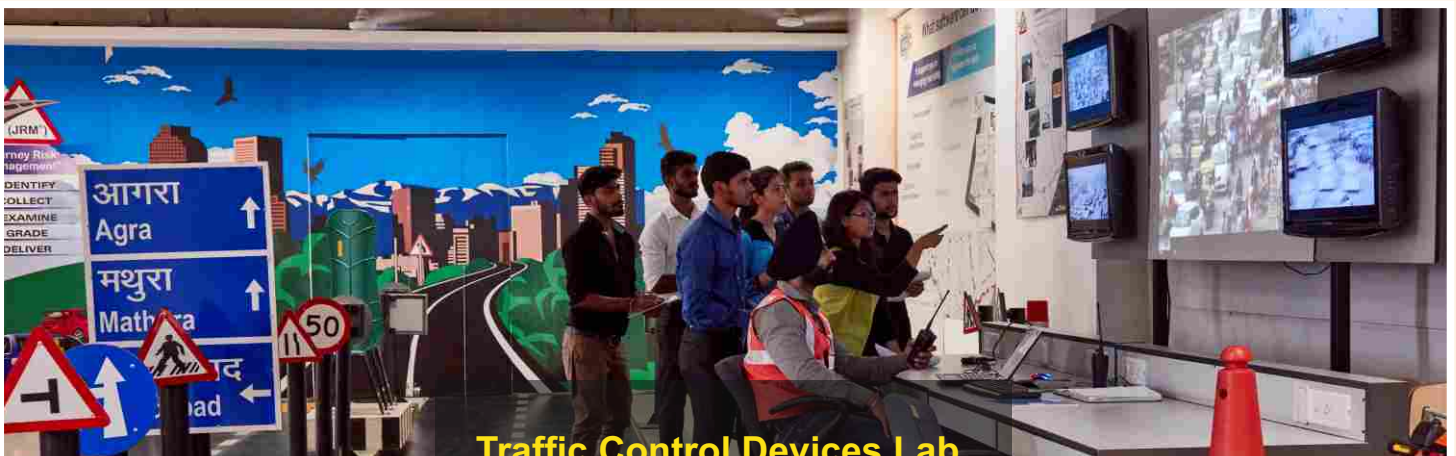


Labs

Traffic Management Lab & Forensic Lab, Several laboratories housing state of art equipment for both Traffic Management and Forensic Science.



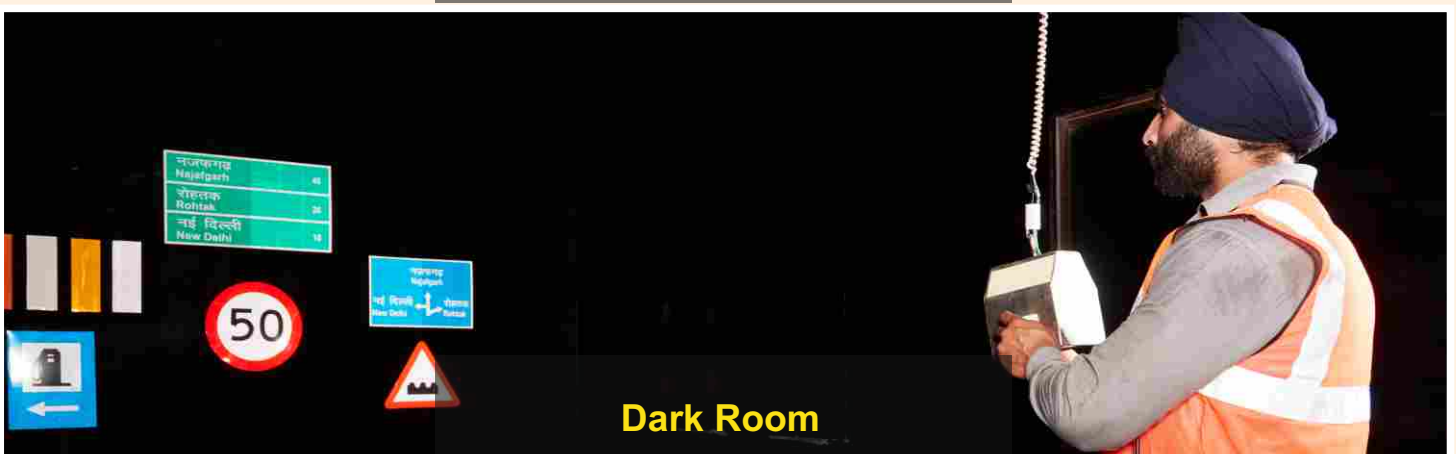
Traffic Management Centre



Traffic Control Devices Lab



Traffic Enforcement Lab



Dark Room

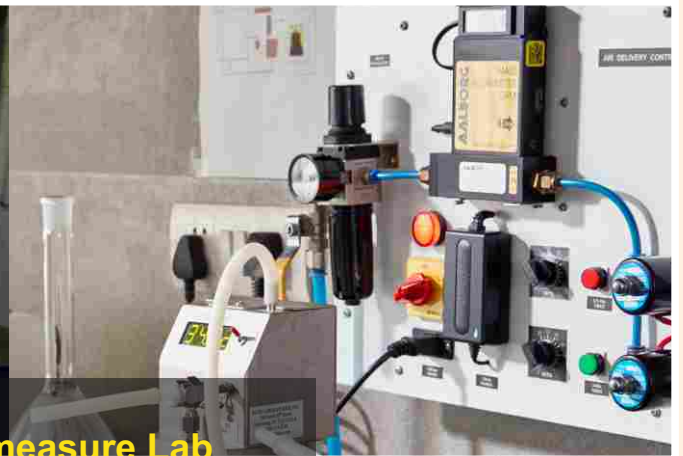
Labs



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



Alcohol Countermeasure Lab



Trauma Lab



Cut Section&Simulator Lab

Facilities



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.

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.

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.

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.

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.

Innovations

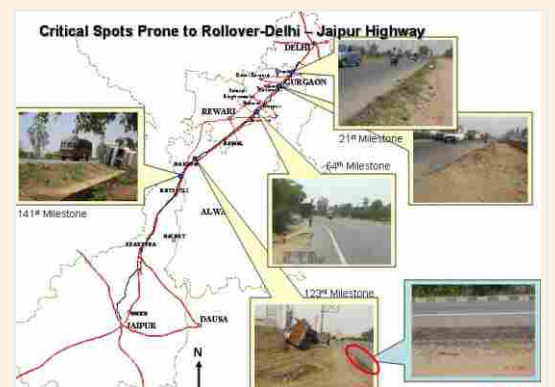
Journey Risk Management (JRM)TM

Journey Risk Management (JRM)TM is an innovative evolution through research, developed by the Centre for Analysis and Research (CARRS) at IRTE towards understanding the deficiencies in the road environment and their interactions with road user towards creating a pre-journey advisory for drivers, undertaking highway journeys. The aim of JRM is to make journeys safer and accident free.

JRM entails a scientific road safety audit of the road environment through camera based recording of potential risk areas including black spots as well as all types of services and facilities. This helps the driver to undertake the journey in a most defensive manner through mitigating the risks informed under the programme. The JRM also provide all information of assistance as well as emergency services available on the highways which eventually builds the confidence of the driver.

A special mobile research laboratory, Survey Vehicle which is a customized and equipped with multi cameras, laser based speed measurement and recording devices is operated by a joint team of traffic engineers, accident analysts, and camera man to undertake the JRM.

IRTE has completed JRM of over 58,000 kms of Indian National and State Highways during the last nine years.



Innovations & Research

InterceptorTM

Initiated in 1995, IRTE developed the state of the art traffic enforcement technology vehicle called "Interceptor", a trademark of the IRTE. This technology was recognized by the Government of India at the National Republic Day Parades both in 1996 and again in 2001.

Designed for practical use by police in capturing video based moving violations including speeds of vehicles, the Interceptor is a comprehensive enforcement and education system. The system comprises of suitably customised vehicle platform, enforcement equipment with software and hardware, complimented with data analysis centre. The Interceptor has been visualized and developed keeping multiple objectives in mind, namely:

- Evidence Based Traffic Law Enforcement
- Enforcement on a Mobile Platform
- Road and Infrastructure Surveys
- Deterrent for violators
- Road Safety Audit
- The updated and advanced version of the interceptor V9 was unveiled in 2019.

CrashLabTM

CrashLab is a technological innovation of the IRTE in-house research wing. CrashLab features high resolution recording systems, which can be elevated in order to capture critical shots of the collision from a strategically high view angle. The vehicle is also features Laser based speed measurement device amongst other hardware and software's. CrashLab is also designed to use the latest Global Positioning System (GPS), for ascertaining the true location of the collision scene and creating digital maps of road stretches. This **CrashLabTM** has revolutionized the basis of scientific collision investigation in the country and to support the police and other investigating authorities in determining factual causes and consequences of such collisions



Consultancy Road Safety Audit Project

The philosophy of Road Safety Audit at IRTE focuses on optimisation of road safety at all project phases of feasibility, draft design, final design, construction stage, and finally before operation stages. The Department of Traffic Enforcement which deals with accident investigation and the Department of Forensic Science which deals with accident analysis, both work together as a team with our Road Safety Engineers towards conducting surveys and studies, developing tools and systems of audit and training, and conducting the Audit itself.



Faridabad Smart City Limited

In the approach of the Smart Cities Mission, the objective is to promote cities that provide core infrastructure and give a decent quality of life to its citizens, a clean and sustainable environment and application of 'Smart' Solutions.

In the context, the Faridabad Smart City Limited (FSCL) has approached Institute of Road Traffic Education (IRTE), Faridabad to provide services relating to re-audit certain stretches and junctions with reference to:

- Identify the existing geometrical of roads requiring improvement.
 - Provide improvement plans for Traffic Control Devices (proper traffic signs, road marking, positioning of CCTV)
 - Identify the needs for police support for efficient and safe movement of traffic.
- IRTE has identified the stretch from Badkhal Flyover to Ankheer Chowk as the first stretch which requires an immediate action. At present L & T is undertaking the execution of road works for the above stretch.

The contribution of IRTE is to assist in retrofitting procedure and redevelop the existing road layout into better planned ones. What is visible today in Faridabad: Congestion, as evidenced by long queues at intersection, and every type of road traffic violations of the Motor Vehicles Driving Regulations.

We believe that all "retrofit actions" should stress the application of accepted traffic engineering principles as defined by the UN and IRC Codes of Practice, which should be corroborated with needs of traffic and road users.

Capacity Building of Engineer and Police Officers

IRTE organised 3 days Capacity Building Programme on Road Safety Management, Road Safety Audit, Traffic Management & Enforcement Capacity Building Programme for Engineers and Police Officers from various states across the country



Recents Updates



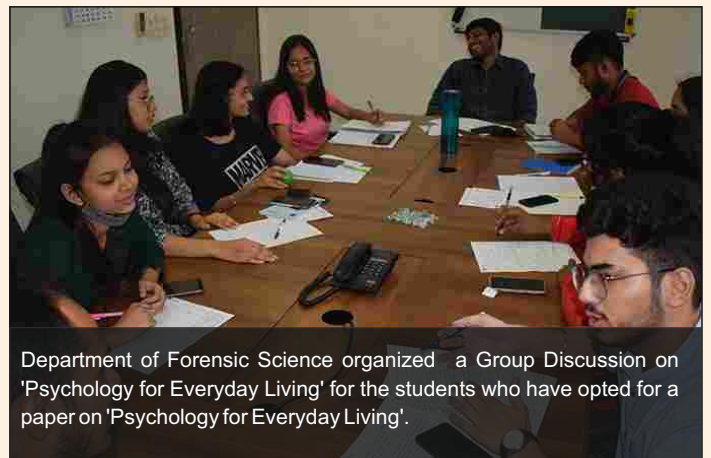
IRTE & Delhi International Airport Limited - GMR Group, Delhi agreed to work together to enhance efficiency, safety and convenience of passengers and other users visiting the Airport domain.



Three days Capacity Building Program on "Traffic Management & Enforcement" organised by IRTE for Uttar Pradesh Police participants at CTM



IRTE organised training programme for 30 Uttar Pradesh Police participants at CTM on "Traffic Management & Enforcement"



Department of Forensic Science organized a Group Discussion on 'Psychology for Everyday Living' for the students who have opted for a paper on 'Psychology for Everyday Living'.



IPS Amardeep Singh Rai - Additional Director General of Police (ADGP) Traffic visited IRTE campus



IRTE Organised 3 days capacity building programme on Traffic Management & Enforcement



IRTE organized numerous seminars and training workshops across Haryana for investigating officers of Haryana police Department of various 23 police stations on importance of data and its management.



IRTE conducted various training programs regarding traffic engineering, forensic road safety audit as well as basic defensive driving for the PWD engineers in association with Transport Department of Haryana, Chandigarh, Government of Haryana

Memorandum of Understandings & Associations



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



National Highways
Authority of India



Malaysian Institute
of Road Safety



Global NCAP
Assessment Program



UNIVERSITY OF
BIRMINGHAM
Department of Civil Engineering
University of Birmingham, United Kingdom



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



Haryana Police



Punjab Police



School of Planning
& Architecture, New Delhi

GUEST SPEAKERS AND VISITING FACULTY,

Name	Designation and Institution
Mr. M S Upadhye	IPS (Retd.) ,Former Chief Security Commissioner DMRC - Delhi
Mr. Deepak Handa	Former PSO & HoD - Document Division, CFSL, CBI- New Delhi
DR. G.S. Sodhi	Associate Professor (Retd.), in Chemistry and Forensic Science at the S.G.T.B. Khalsa College, Delhi University.
Ms. Jaisleen Kaur	Senior Research Fellow, Department of Anthropology, Delhi University
Dr. Sanjay Gupta	Professor, Dept. of Transport Planning, SPA, Delhi Dean (Research) & Dean (Faculty Welfare)
Dr. Sewa Ram	Professor, Head of Dept. of Transport Planning, SPA, Delhi
Prof. N Ranganathan	Former Head of Dept, Dept of Transport Planning, SPA, Delhi
Prof. Dr. P K Sarkar	Former Head of Dept, Dept of Transport Planning, SPA, Delhi
Dr. Ammu G	Studio Faculty, Dept. of Transport Planning, SPA, Delhi
Mr. M S Upadhye	Retd. IPS, Chief Security Commissioner, Delhi Metro Rail Corporation
Mr. Prem Khilnani	Guest Faculty, Institute of Road Traffic Education
Mr. AS Lakhra	Former Chief GM, Delhi Transport Corporation, New Delhi
Mr. R Srinivas	Town & Country Planner, TCPO, Ministry of Housing & Urban Affairs, New Delhi
International Faculties	
Dr. Raman K Patel	Professor, Tandon School of Engineering, NYU, USA
Dr. Harry Evdorides	University of Birmingham

Inception of the program at the Department of Forensic Science

The College of Traffic Management under the aegis of IRTE (established in 1991) is a Non-Profit Organization Registered under the Societies Registration Act XXI of 1860. Having contributed to nation building in the last 30 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 postgraduate program through its Department of Forensic Science. The Department offers a two-year-long postgraduate M.Sc. Forensic Science program in order to produce qualified professionals with a zest to build themselves across the diverse fields of forensic science and its associated realms for the aim of ensuring justice in the court of law.

ABOUT THE PROGRAM

The M.Sc. program uniquely integrates a multitude of forensic scientific aspects enabling graduating professionals to become assets to various stakeholders. The teaching modules and practicals are designed to equip the learners with a skillset that includes team-building, innovative and critical thinking, research-based approach, effective communication, and adaptability in work. In addition to this, the students gain practical exposure during their internships and dissertations.

Academic Objectives

The objective of the College is to impart in-depth knowledge to and encourage holistic development of the students in the field of Forensic Science by creating an environment of research and by delivering hands-on experiences in the various domains of analytical sciences via 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 to deduce overall trends in Criminal Justice System through collaborations on a global and national scale

• Innovation

To contribute to the advancement of forensic sciences, specifically by encouraging scientifically-acclaimed practises in casework through meticulously crafted workshops and training's.

To encourage ethical research work that adds on to sciences as a whole and subsequent publication of articles to help validate methodologies and approaches

• Development

To enable industrial visits, guest lectures, workshops, research seminars, and conferences, by building a strong academic-industry partnership, guaranteeing that the students receive 100% placement support

To advise and guide, on careers and professional development of the students within and beyond the said field, be it through public sector or private sector opportunities, or as successful up-and-coming entrepreneurs

Opportunities

- 100% placement assistance
- Well-equipped research laboratories.
- Focus on building areas of research deeper into, and wider across forensic sciences.
- Faculty expertise from National and International eminent personnel.
- Strong Industry-Academia linkages via Conferences, Seminars and Guest lectures.
- Internships in various Forensic Science Laboratories (FSLs) and Central Forensic Science Laboratories (CFSLS) across India.
- Memorandums of Understanding (MoU's) with various organisations like Haryana Police and Punjab Police.



M.Sc. Forensic Science



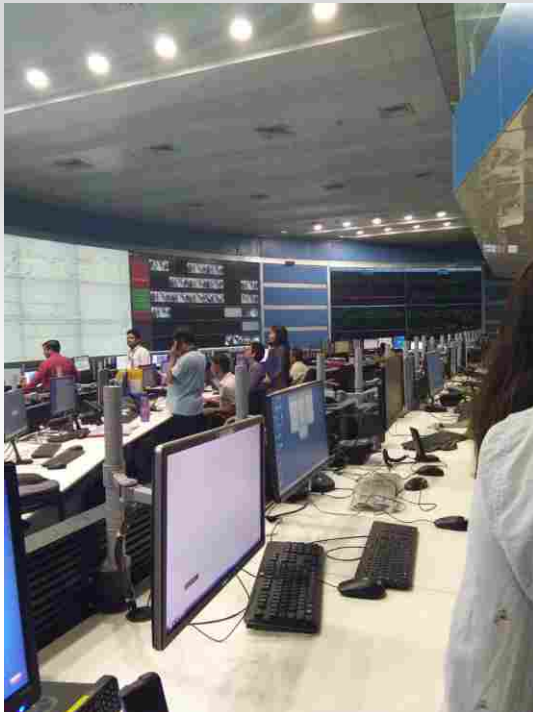
FIELD WORK TO STUDENTS

The only Institution in Delhi NCR which is providing Field Work to students giving them an opportunity to work on real time cases, Visualize Court Proceedings and learn the essence of Victimology & Criminology. The CTM – IRTE is providing attachments with

1. Police Departments – Going to investigate the real time cases at the Scene of Crime with Investigating Officers.

2. Law Firms - To provide insightful and practical knowledge related to Court Proceedings and skills to learn so as to appear as Expert Witness in the Court of Law.

3. NGO's - Organizations working for Victims of Crime against women, Crime against children, Child Labor etc. so as to explore the physical and psychological challenges faced by these victims and how they are dealing to overcome them. Providing them information and guidance regarding Pro-active Forensics.



CTM IRTE AT GLIMPSE

The College encourages various co-curricular activities. The activities contribute towards their social, cultural emotional growth and intellectual empowerment among the student community.

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SEMINARS

Seminar on Leadership in Road Safety Management

The aim of this one day seminar was to create awareness among the participating organisations suggesting the availability of the trained manpower and to consider the best opportunities for the graduating students.

The students could utilize this platform to have an insight into prospective job opportunities.



Seminar on Scope for M.Sc. Forensic Science Students in Private Sector.

The aim of the seminar was to make the students of M.Sc. Forensic Science aware about the scope and opportunities in the private sector. This seminar provided a platform for the students to discuss the problems they are facing and also to get interact with successful forensic Experts.

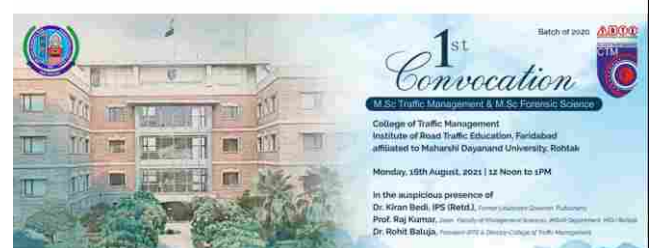
This Seminar also provided an opportunity to the private Forensic labs and Private experts to interact with the students of Forensic Science from various universities of India at one place. The invited speakers in the seminar were from private Forensic labs, Cyber experts, private academic institutions, Consultancy services, Forensic instrument suppliers etc.

This Seminar provided the students of M.Sc. Forensic Science, a platform to discuss the issues and interact with eminent experts from the corporate world and understand their rule in private sector.



Convocation Ceremony

College of Traffic Management-Institute of Road Traffic Education, Faridabad's 1st annual Convocation was held on 16th August 2021 on online mode due to Covid pandemic. The chief guest for the convocation was the Former Lieutenant Governor, Puducherry, Dr. Kiran Bedi, IPS (Retd.). The guest of honour for the convocation was Prof Raj Kumar, Dean Faculty of Management Sciences, IMSAR Department, MDU Rohtak. The degrees were awarded to the students of M.Sc. Traffic Management and M.Sc. Forensic Science. eminent experts from the corporate world and understand their rule in private sector.



Swachhta Diwas

College of Traffic Management has observed "Swachhta Diwas" under the Swachh Bharat Abhiyan with full passion. The Director, Dr. Rohit Baluja, addressed the students and explained them on the importance of cleanliness in their daily activities. All the departments among their students, teacher and staff members actively participated in "Swachhta Diwas".



Sports Events

Games and Sports are an integral part of the education system. College of Traffic Management organised two days sport event for the students and college staff also (teaching-non-teaching). The event shall encourage the students to show their talent in sports activities. Athletics, badminton, carom, and chess, etc. sports events were organised for students and college staff.



Students & Practical Exposure

- CISF Staff Visit
- Students Visits in Different Organisation
- Student Visit at police Station
- Crime Branch Delhi Police
- Metro Bhawan
- Deep Sidhu Case investigation
- Road Safety Audit, NH-44
- Visit at JulJulli Fitness Centre

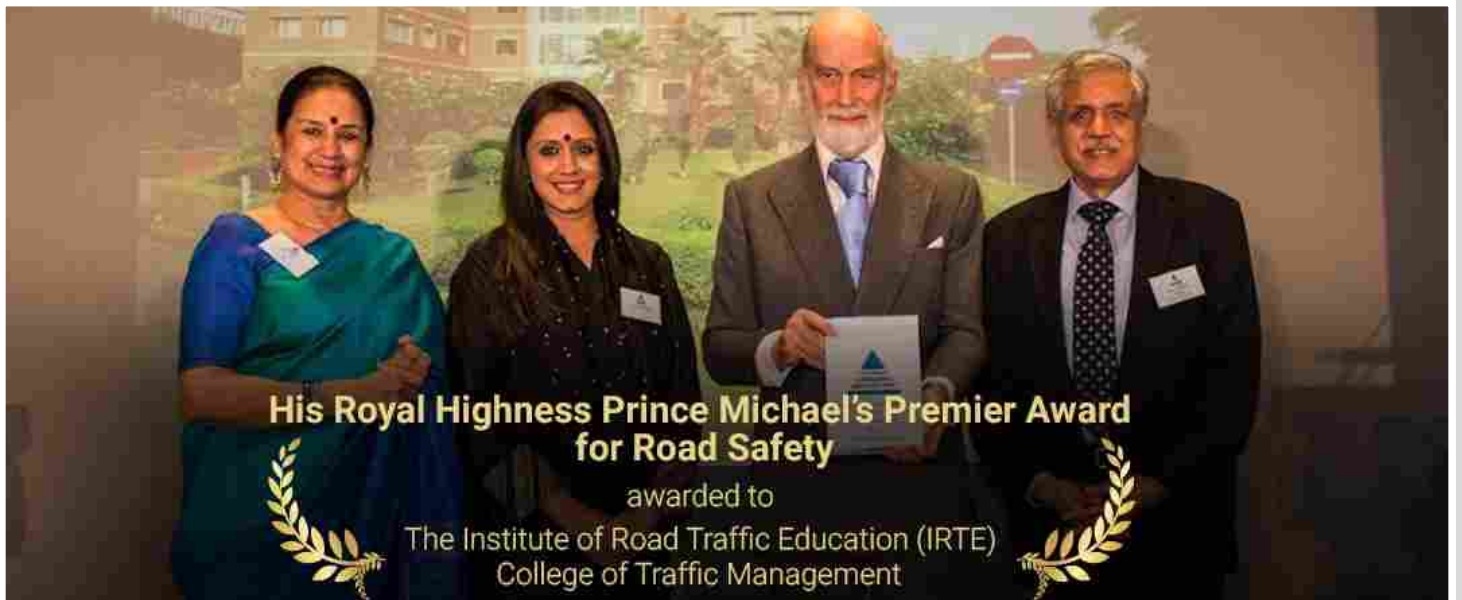


Expert Talk

Expert Talk plays a constant part in the arrangement of the instructive involvement of the understudies. College of Traffic Management organizes expert talk sessions in the campus with experts from various fields to motivate students and guide them to select their field of interest. During the Covid Pandemic, Special Talks were organized on online modes with experts from Forensic, Transport, Academic, Ministry of Education, Govt. of India, etc. which helps the students towards revolutionary steps which would help them in their brighter future.



CTM IRTE AT GLIMPSE



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A Great Place to Think Big Thoughts





COLLEGE OF TRAFFIC MANAGEMENT





of dedicated Research
in Road Safety Management



INSTITUTE OF ROAD TRAFFIC EDUCATION
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at College of Traffic Management

For information and admission: msc.ctm@irte.com



M.Sc.
FORENSIC SCIENCE

IPS Probationer Officers of the 71RR
at the College of Traffic Management
Attending the Course & Module on Traffic Management
in March 2019

