M.Sc. COURSES

Affiliated with
Maharshi Dayanand University (MDU)
Rohtak, Haryana

2022 -23
Prospectus

M.Sc Traffic Management | **M.Sc Forensic Science**

CENTER FOR EXCELLENCE IN ROAD SAFETY FOR SOUTH-EAST ASIA

www.irte.com

CONTENTS

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.

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.

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.

In addition to the two Post Graduate courses, 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).

With affiliation of the Maharshi Dayanand University-Rohtak, the College of Traffic Management (CTM) offers Post Graduate Courses Viz. M. Sc.in Traffic Management & M.Sc. in Forensic Sciences.

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 will 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

The first college in Southeast Asia proving a degree in M.Sc. Traffic Management, Affiliated to Maharshi Dayanand University, Haryana

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

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.

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.

OFFICERS OF THE UNIVERSITY

CHANCELLOR
Shri Bandaru Dattatraya,
Hon'ble Governor, Haryana

Name & Designation	Telephones Offices (01262)
Vice-Chancellor Prof. Rajbir Singh	274327 292431 Fax : 274133
Dean Academic Affairs Prof. Nov Rattan Sharma	262208
Registrar Dr. Gulshan Lal Taneja	274640 Fax : 274640
Finance Officer Sh. Mukesh Bhatt	295258
Controller of Examinations Dr. B.S. Sindhu	274169
Proctor Prof. S.C. Malik	274668
Dean College Development Council Prof. A S Mann	274532 393370
Dean Students' Welfare Prof. Raj Kumar	393510
Librarian Dr. Satish Kumar Malik	393004
Liaison Officer (SC/ST) Prof. Desh Raj	266055

The University

Prelude

Maharshi Dayanand University, ab initio established as Rohtak University, came into existence by an Act No.25 of 1975 of the Haryana Legislative Assembly in 1976 with the objective to promote inter-disciplinary higher education and research in the fields of environmental, ecological and life sciences. It was rechristened as Maharshi Dayanand University in 1977 after the name of a great visionary and social reformer, Maharshi Dayanand. It had a unitary and residential character in its nascent stage, but became an affiliating University in November 1978. The University secured the recognition of University Grants Commission - the higher education regulatory body of India – for central Govt. grants in Feb.1983.

The University is located at Rohtak in the state of Haryana – about 75 kms from Delhi on Delhi-Hisar national Highway (NH-10), and is about 240 kms from Chandigarh, the State Capital. It is well connected both by rail as well as road. Rohtak is the education hub of the State with excellent facilities for education in all fields of knowledge.

The University campus, spreads over an area of over 665.44 acres, is well laid with state-of-the-art buildings and magnificent road network, and presents a spectacle of harmony in architecture and natural beauty. Educational and research programmes are offered through its 36 departments. There are as many as 10 Teaching Blocks, 10 Hostels with another 10 in the offing, an elegant Vivekananda Library with off-shoots, the majestic Tagore Auditorium equipped with modern gadgetry and amenities, spectacular Students Activities Centre, Campus School, Health Centre, Faculty House, Sports Stadium, Swimming Pool, Multipurpose Gymnasium Hall, Community Centre, Printing Press, Canteens, Shopping Complex, and an Administrative Block. About 550 residential units are available for the faculty members and non-teaching staff. There is a very robust Campus Wide Network – an amalgam of cable and wi-fi technologies, with 1 Gbps internet connectivity. A serene 'Yagyashala' addresses the spiritual and health needs of the campus community. Branches of State Bank of India and Central Co-operative Bank are the other facilities available on the Campus.

Besides, the University runs some programmes through its Indira Gandhi P.G. Regional Centre, Meerpur (Rewari) and University Institute of Law & Management Studies (ULIMS), Gurgaon. The Regional Centre offers nine P.G. Programmes, while UILMS offers two.

Over I490 Institutions/Colleges of General Education, Engineering, Technology, Computer Sciences and Management Sciences located in 10 districts of the State are affiliated to this University.

University Library System

The University Library System comprises a central library names as Vivekananda Library and a host of satellite libraries – Management Library, Law Library, Engineering Library, Maths Library, Hotel Management Library, and Departmental Libraries in the Departments of Sociology and History. The Vivekananda Library is so strategically located that it is just five minutes walk from the departments and the hostels. It is housed in a magnificent three storeyed building with 84000 sq. ft. area and a seating capacity of 800. It opens from 9.00 a.m. to 8.00 p.m. on six days of the week, and from 9.00 a.m. to 5.00 p.m. on Sunday and holidays. One of its Reading Halls with seating capacity of about 250 keeps open round the clock throughout the year. The Hall is air-conditioned. The reading chairs meet all levels of comfort and modernism. All the functions of the library - check-out check-in , catalogue, serials systems, and acquisition system-are automated. Information Kiosks are in place for accessing the online catalogue and other databases of the library.

The Internet lab of the Library has been designed elegantly - It is air-conditioned, and has a bandwidth connectivity of 1 Gbps, 60 latest PCs, beautiful furniture, etc. The multimedia library has 20 latest PCs and headphones each, and provides facilities for development of communication skills and watching audio/video CDs in a variety of subjects. Its one to one video conferencing facilities is wrapped around state-of-the-art equipment and technology. The Library has a rich collection of knowledge resources - over 2,50,000 volumes of books and 50,000 bound volumes of journals and subscribes to 540 Indian and foreign journals in print form. Online access is provided to 5300 e-journals through UGC infonet facility, over 200 e-Open Access Journals, SCOPUS – an Elsevier owned database of abstracts from about 18,000 Science and social journals, e-Emeralds Plus – a full text database of management journals published by Emerald Group, and Manupatra – a full text law database. The University invests over Rs.200 lakhs annually on the enrichment of its knowledge base, besides having substantial recurring and non-recurring budget for other library activities including up gradation of existing facilities. The library also maintains Campus-wide Network, IP-based Telephony system and University's website, and offers B.L.I.Sc. and M.L.I.Sc. Courses through distance mode under the aegis of Directorate of Distance Education.

Computing and Internet facilities

The University has a robust state-of-the-art Campus Wide Network. It is wrapped around OFC and Wi-fi technologies. All the departments/ offices/hostels are linked to the Campus Network. The University has a Computer Centre for the benefit of students, research scholars, teachers and other staff. The Computer Centre conducts computer awareness programmes for the staff from time to time, and facilitates analysis of research data of the research scholars. Besides the central facility, majority of the departments have their own computer Labs.

Hostels

The University provides residential accommodation on the campus to over 2500 students in its 10 hostels - five each for girls and boys. The construction of 10 more hostels – 5 each for boys and girls – has been undertaken. Hostels are also available, each with accommodation for 250 students.

Maintenance of salubrious and caring environment in the hostels complexes and provision of hygienic food at reasonable charges always remains the endeavour of the university authorities. Mess in each hostel is run by the residents on cooperative basis. Each hostel has facilities for indoor games, recreation, STD, and canteen. Some hostels have been provided Wi-Fi internet connectivity, while extension of this facility to other hostels is in the offing. Each Girls' Hostel is looked after by a full time Lady Warden. There is a Cyber Café with 30 PCs in the Girls' Hostels complex. Besides internet surfing, it has facilities for computer printing, typing, photocopying service packed eatables, cold drinks, and coffee.

Sports Facilities

The Directorate of Sports has produced many sportspersons of national and international repute – 7 Arjuna and 5 Bhim Awardees-who brought laurels not only to the University and the State, but to the country at large. For harnessing the potential of the youth and promoting sports, the University has created excellent infrastructure including an ultra modern Gymnasium Hall for all indoor activities, a Swimming Pool of international standard, Squash Court, Boxing Ring, Wresting Hall, Tennis Courts, Basketball Courts, and a sprawling sports complex having all playfields. The synthetic Athletics Track and Astroturf Hockey ground are imminent. The Directorate hosts about 60 inter-college tournaments for men and women players of the colleges affiliated to M.D. University, Rohtak, and organizes coaching camps for its students land deputes the teams for participation in inter-university tournaments and national games. With the state-of-the-art infrastructure in place and emphasis placed on sports, the University can be adjudged as the 'sports nursery'.

University Centre for Competitive Examinations

The University Centre for Competitive Eaminations, ever since its establishment in 1989, has been continuously striving to guide the students in electing their careers. The Centre arranges coaching classes for the students aspiring to compete for various competitive examinations such as Indian Civil Services (Preliminary), Haryana Civil Services, Bank Probationary Officers, Inspectors of Income Tax and Central Excise, National Eligibility Test/ State Lecturers Eligibility Test, Combined Defence Services, National Defence Academy, CEET/ Engineering etc. Remedial coaching classes to develop skills in English and extension lectures for different courses are also organized. A nominal fee is charged from the students of General Category, while SC/ST and BC students are provided free coaching. Classes are conducted in the evening to enable as many students as possible to avail of this facility. Teachers for coaching are drawn from different departments of the University. The Centre has a rich reference Library which subscribes to a good number of newspapers and magazines. The University spends over Rs. 6.00 lakhs on UCCE activities every year.

University Health Centre

The University Health Centre, with one full time doctor and para medical staff on its establishment, caters to the primary health care needs of the student community and the University employees. However the University of Health Sciences , located next door to the University, meets all the major health care requirements of the University community.

National Service Scheme

The National Service Scheme provides an opportunity to the students to understand, appreciate and imbibe the socio-economic conditions and problems of the society and to inculcate in them a sense of social, consciousness and dignity of labour as well as bring them closer to the community. Students enrolled under the Scheme have to render 120 hours of Community Service, and to participate in a 7-day NSS Special Camp every year. The students also get opportunities to participate in the Youth Leadership Training Camp. Youth Festivals, National Integration Camps, Adventure Programmes, etc. University NSS Merit Certificates are bestowed upon the NSS volunteers on the completion/fulfilment of prescribed condition. In addition, the best NSS volunteers are decorated with awards at Unit/District/University level each year.

SC/ST Cell

The SC/ST Cell, established by the University for the welfare of the SC/ST and other reserved category candidates, acts as a watchdog for the effective implementation of the policies and programs relating to appointments, promotions, admissions, etc. of the candidates belonging to these categories. The cell ensures that the 4 benefits of State/Central Govt. policies reach the deserving persons.

Foreign Students' Cell

The University has a full-fledged Foreign Students' Cell. The Cell, headed by a Senior Faculty Member, Provides guidance land help to the International students through a 'single window system'. There is a provision for creation of additional supernumerary seats for foreign students in the departments /institutes.

Career Counselling and Placement Cell

The Career Counselling and Placement Cell helps the students in their educational and vocational planning. It provides information on employment trends, projects development, recruitment methods, occupational reviews, scholarships and fellowships in India and abroad, assistance in securing part-time/full-time employment/self-employment, and help in seeking admissions in various institutions and universities. The Cell conducts surveys, arranges coaching classes for various competitive examinations, and organizes training programs and workshops for development of personality and communication skills to place them on sound footing to face interviews and other challenges in their career.
The Cell, through the Department of Psychology, provides Health Care and Promotional Services to the students, and addresses their psychological needs to help them develop healthy outlook and positive attitude.

Students' Welfare Services

The University lays special emphasis on Students' welfare, and, therefore, has a full-fledged Directorate for this purpose. The Directorate is housed in a magnificent Students Activity Centre, equipped with all amenities which a student can think of. It has a Bookshop with all types of books and stationery, Cyber Café for internet surfing at competitive rates, canteen with facility for repast and other eatables and soft beverages available at affordable prices. Conference Hall with internet connectivity, well-designed modular furnished separate Common Rooms for boys and girls with the facilities of newspapers, Magazines , and indoor games and above all, a rendezvous for student community to channelize their free time.

It organizes various activities in every stream of Art, Culture and Adventure. The Directorate shares the expenditure of educational tours organized by various teaching departments. Bus and railway pass facilities are facilitated to the students. A large number of camps and adventure courses like Trekking, Youth Leadership Training Camps, Rock Climbing, Snow Skiing, Value-based Spiritual Course, Personality Development Camp, etc, are organized.

Six Zonal Youth Festivals and one Inter-Zonal Youth Festival consisting of 40 events of Music, Dance, Theatre, Literary, Fine Arts and culture are organized during an academic session. A Techno-management Fest, especially designed for the students of Engineering, Management and other technical Institutions, is also organized. These alas are organized in a splendid auditorium named as Tagore Auditorium, equipped with modern audio-video system. The University has its own Holiday Home-cum-Youth Centre at Dhanachulli, Dist Nainital.

Scholarships/Stipends/Prizes/ Financial Assistance to Meritorious/ needy Students

The University provides financial assistance to the meritorious and needy students in the form of Scholarships, Stipends, Prizes, etc. as under :

Scholarships

University Special Scholarship	Usha Rani Sharma Memorial Scholarship
University Merit Scholarship	Kalpana Chawla Memorial Scholarship
Scholarship for P.G. Diploma in Translation	46th All India Commerce Conference Commemorative Scholarship
National Loan Scholarship of the Govt of India	Smt. Ram Kaur & Lt.Col. Bije Singh Scholarship
National Merit Scholarship	Late Smt Man Bhari Devi Scholarship
University Research Scholarship	Dr. P.P. Singh Memorial Scholarship
State Govt. Merit Scholarship	Scheduled Caste Scholarship
Haryana State Silver Jubilee Scholarship	Ch. Badlu Ram Scholarship
Sh. Mukesh Gupta Educational Scholarship	Sh. Dharmpal Ghangas memorial Scholarship
Pehlwan Hamarayan Phogat Memorial Scholarship	Chander Kanta Katyal Memorial Scholarship
Dr. Silak Ram Phogat Memorial Scholarship	L.P.S. Scholarship & L.P.S. Bossard Scholarship
Lion Joseph McLoughlin Scholarship	Sh. Ranbir Singh Memorial Scholarship
Sh Bimal Prashad Jain Memorial Scholarship	Sh K.C. Shastri M. Charitable Trust Scholarship
Usha Rani Sharma Memorial Scholarship	Dr. Rajesh Malhotra Memorial Scholarship and Medals
Ch. Chhotu Ram Cash Grant	

Stipends

Stipends for the students of SC/BC categories	Stipends awarded by the District Soldiers, Sailors and Airmen's Boards
Post Graduate Stipends	General Stipends

Prizes

Acharya Ram Dev Prize for First Position holder in M.A. (History)

Students' Aid Fund

The Directorate of Students' Welfare provides financial assistance to the poor and deserving students out of the Students' Aid Fund. Dr. Radhakrishnan Fund, etc. in the form of lump-sum grants.

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	Department of Public Health	Department of Law

1 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.
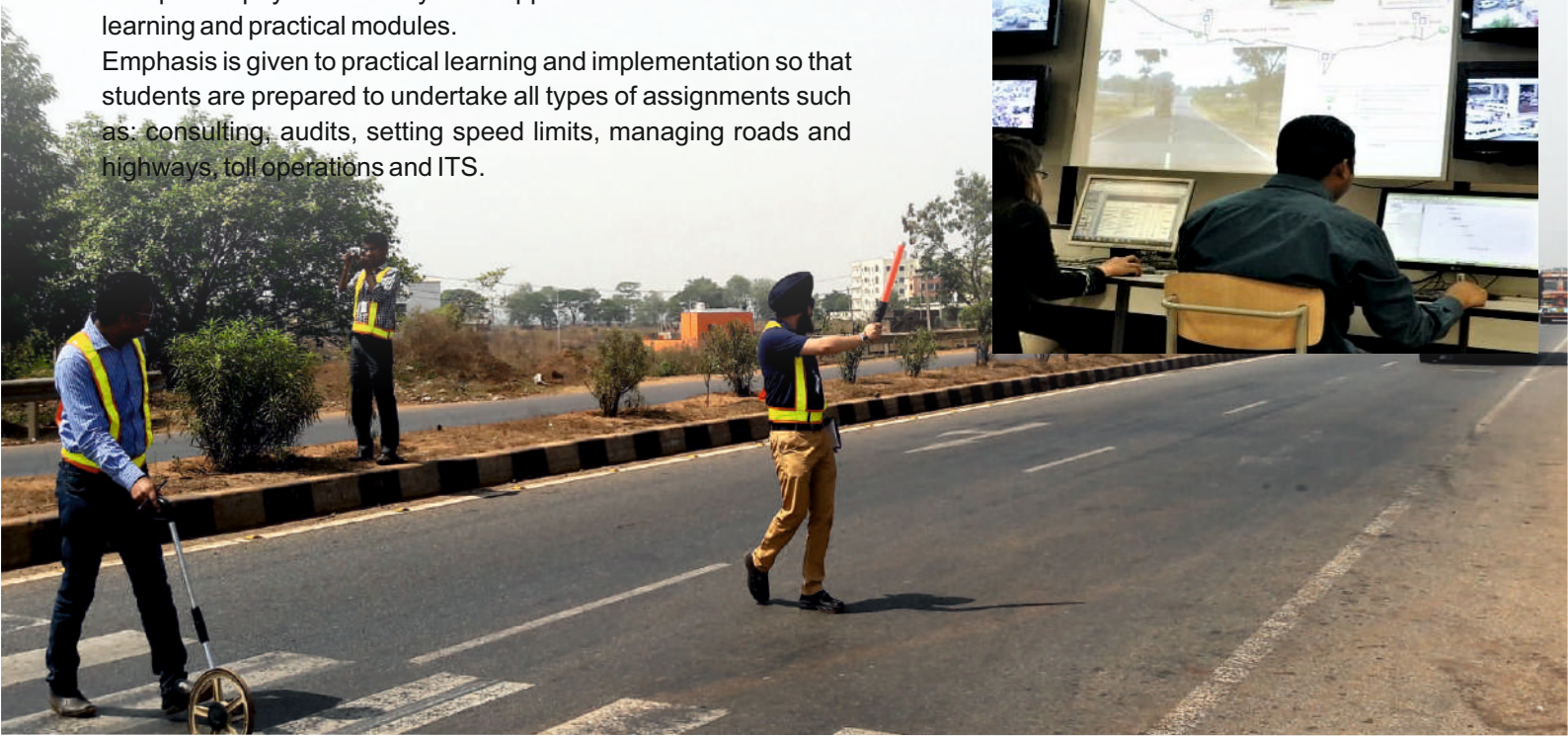
Department of Traffic Engineering	**Department of Traffic Enforcement**	Department of Driver Training & Road Safety Education
Department of Forensic	Department of Public Health	Department of Law

2 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.

Department of
Traffic Engineering

Department of
Traffic Enforcement

Department of
Driver Training &
Road Safety Education

Department of
Forensic

Department of
Public Health

Department of
Law

3   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.

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

4 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.

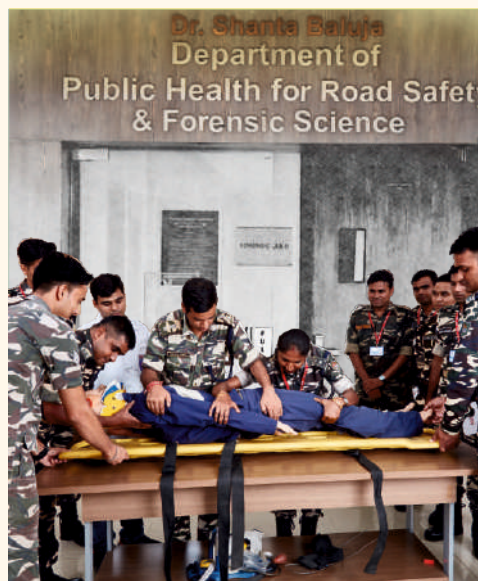| Department of Traffic Engineering	Department of Traffic Enforcement	Department of Driver Training & Road Safety Education
Department of Forensic Science	**Department of Public Health**	Department of Forensic Science

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

6 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 M.Sc. 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.
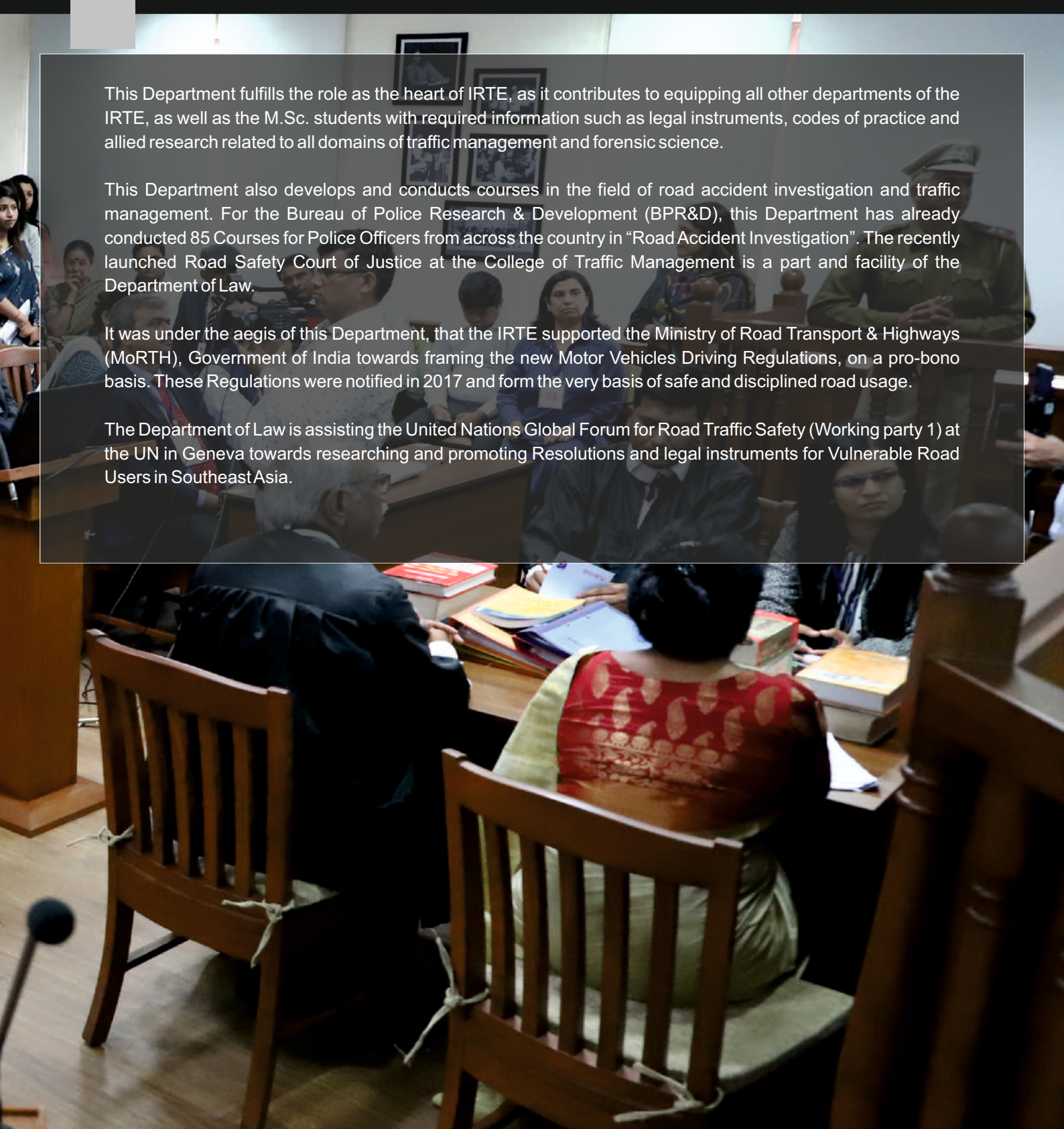
Facilities

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.

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.

Traffic Management Centre
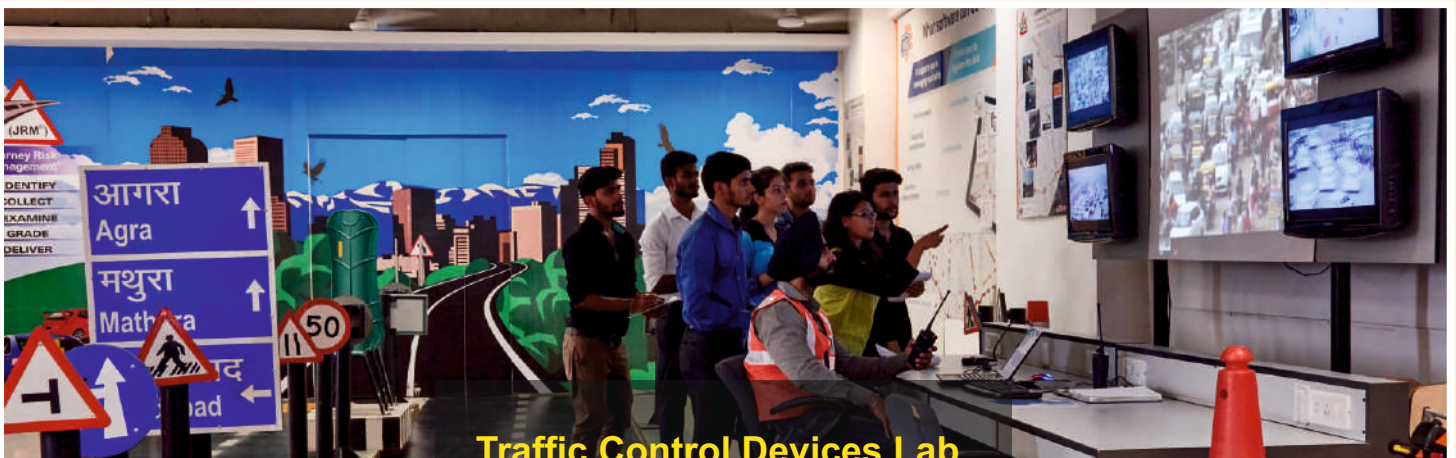
Traffic Control Devices Lab

Traffic Enforcement Lab
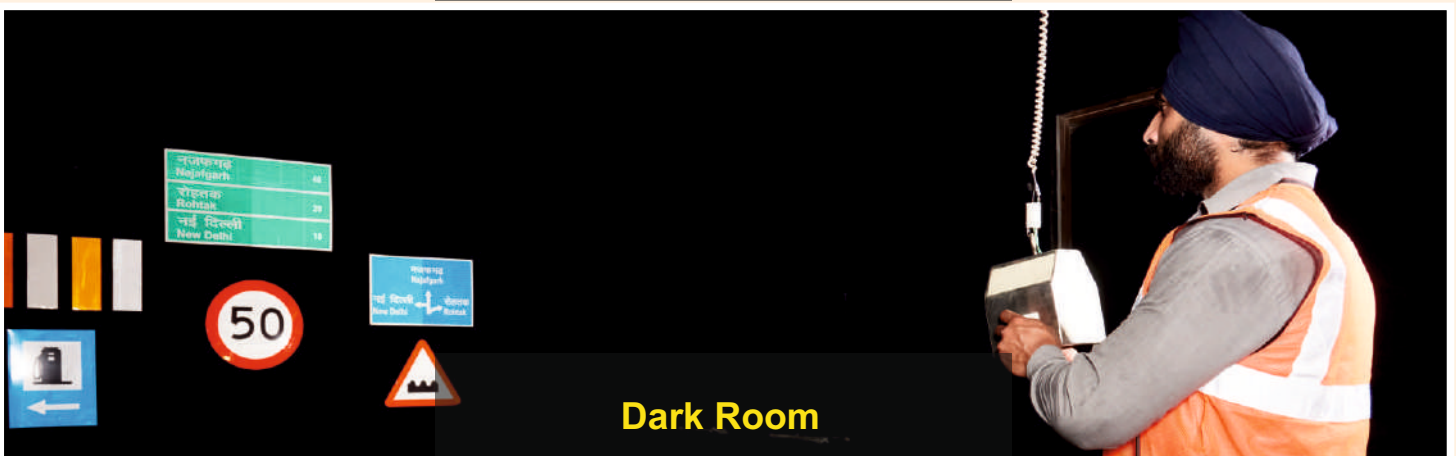
Dark Room

Labs

Forensic Science & Engineering Lab

Alcohol Countermeasure Lab
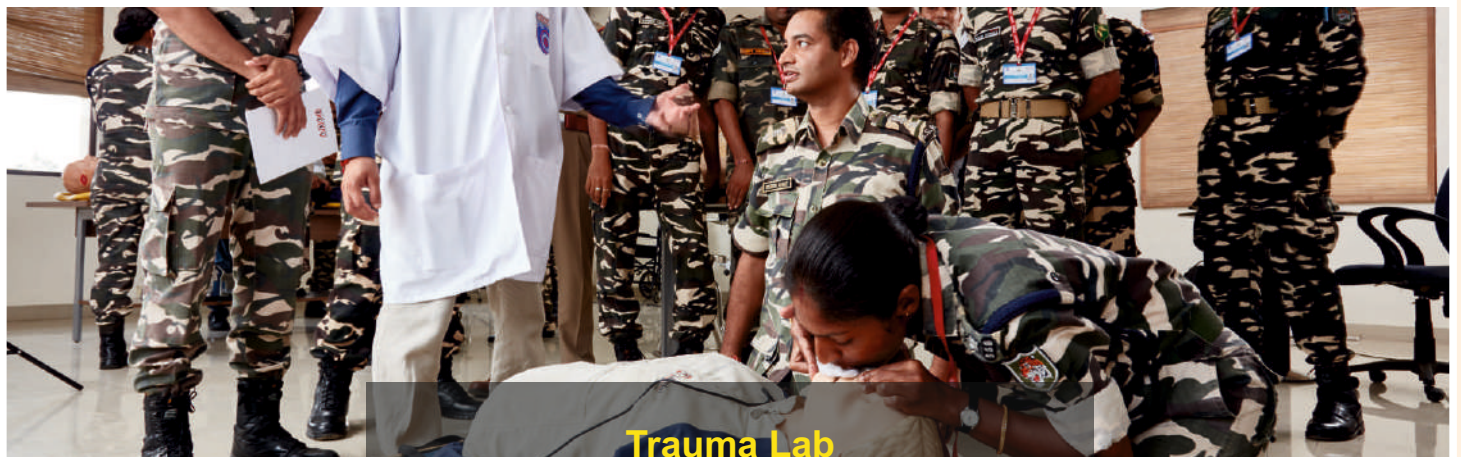
Trauma Lab

Cut Section&Simulator Lab

Facilities

Cafeteria & Canteen

College Shop

Library

The Library has a collection of more than 834 books, several reports, Journals and Magazines covering the various areas of Traffic Management and Forensic Science. Additionally, we also have a sizeable number of E-Books stored in our Digital Library.

Classrooms

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.

Sl. No	Name of Member	Designation	Email id
1.	Dr. Rohit Baluja (Director, CTM-IRTE)	Convener	rohitbaluja@irte.com
2.	Mr. Gaurav Gupta (Head, Legal Dept, CTM-IRTE)	Member	legaldesk@irte.com
3.	Dr. Shruti Gupta (HOD & Associate Professor, Dept. of Forensic Science)	Member	shrutigupta@irte.com
4.	Mr. Lalit Mohan (Assistant Professor, Dept. of Traffic Management)	Member	lalit@irte.com
5.	Ms. Shreya Arora (Assistant Professor, Dept. of Forensic Science)	Member	shreya@irte.com

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 undertaking 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.

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)™

Journey Risk Management (JRM)™ 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

Interceptor™

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.

CrashLab™

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 *CrashLab™* 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.
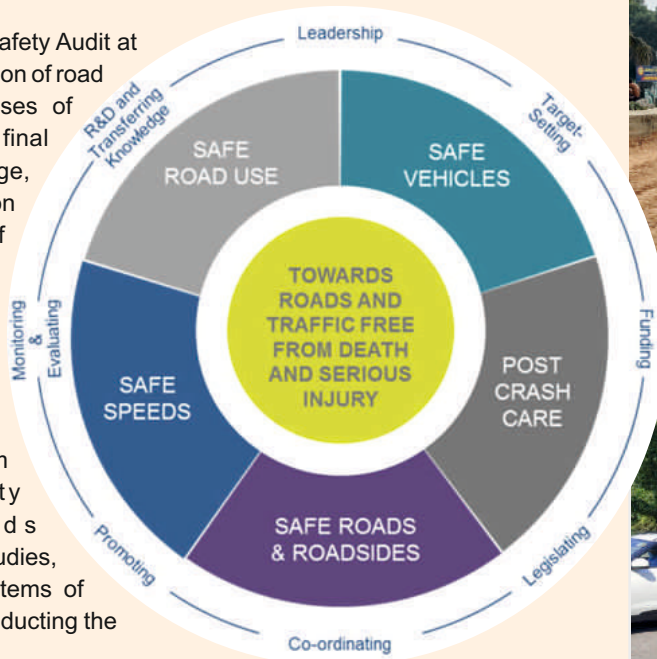
Faridabad Smart City Limited

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:

a) Identify the existing geometrical of roads requiring improvement.

b) Provide improvement plans for Traffic Control Devices (proper traffic signs, road marking, positioning of CCTV)

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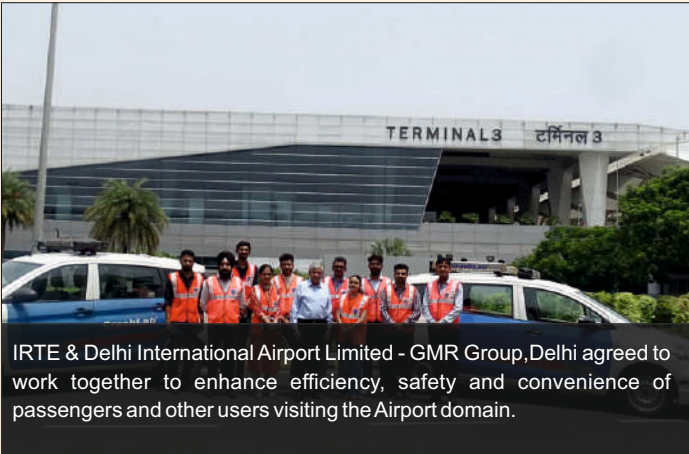
IRTE & Delhi International Airport Limited - GMR Group,Delhi agreed to work together to enhance efficiency, safety and convenience of passengers and other users visiting the Airport domain.

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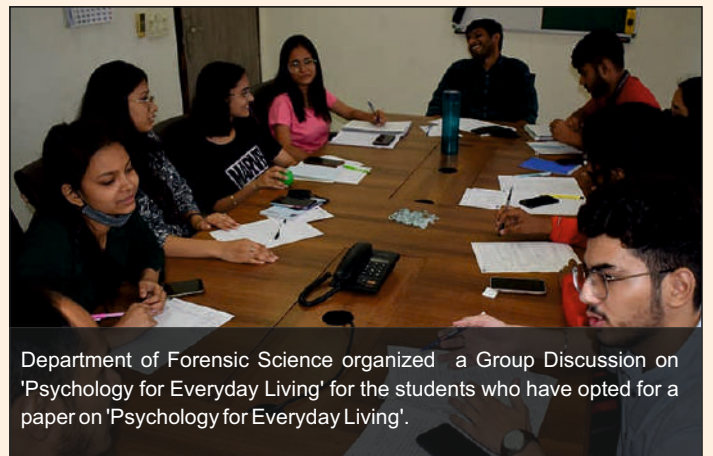
Department of Forensic Science organized a Group Discussion on 'Psychology for Everyday Living' for the students who have opted for a paper on 'Psychology for Everyday Living'.

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

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
Guest Faculty in M.Sc. Forensic Science	
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
Guest Faculty in M.Sc. Traffic Management	
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

M.Sc. Traffic Management
Inception of the program

According to the World Health Organization 51 countries of the Asia Pacific Region account for 59.4% of the global road crash fatalities, and just 15 countries of the South East Asian Region account for 39.7 % of the global share.

The figures clearly indicate the need for indigenous manpower capacity building in the domain of road safety management. This is the very purpose that this Post Graduate Course has been designed: To meet the needs and requirements of road traffic management in the South East Asian Region as well as for the countries of emerging economies.

From traffic engineering for Vulnerable Road Users including the high percentage of Powered Two Wheelers, mixed traffic conditions, all subject-modules have been meticulously drafted to help sustainable management systems for developing countries.

M.Sc. in Traffic Management will focus both on academic and hands-on training in all domains of traffic management. From traffic engineering, road safety audit, traffic enforcement, road crash investigation, driver training, vehicle safety, road safety education, highway asset management and post-crash management and other related aspects, all will be covered in this two-year course.

The postgraduate course will open many career opportunities for the candidates. From openings in road construction and management organisations, urban development agencies, government and non-government organisations dealing with road transport, safety audits, and traffic engineering to fleet operators, tourist and transport organisations the avenues are many.

The program aims to create capabilities of individuals in domains of traffic management and develop scientific basis of comprehensively integrating the subject areas through the process of research, globally applied best practices and recognising the national and local needs.

Safe System Approach
Each module has been integrated with the philosophy of the Safe Systems Approach, which inculcates in individuals the understanding to manage complex and dynamic interaction between operating speeds, vehicles, road infrastructure and road user behaviour in a holistic and integrated manner so that road traffic moves in the most safe and disciplined manner.

Faculty	Detail
Dr. Rohit Baluja, Director, College of Traffic Management	**Qualification:** Ph.D in Civil Engineering (Univ of Birmingham). Established Institute of Road Traffic Education in 1991 & College of Traffic Management in 2009 Developed Tools and Systems of Forensic Road Safety Audit Journey Risk Management, Highway Asset Management Created the Mobile Accident Investigation & Research Laboratory CrashLab & Interceptor Lead Faculty also for training of highway engineers, police personnel and road transport officers in different facets of traffic management, enforcement & accident investigation
Mr. Lalit Mohan Assistant Professor	**Qualification:** M. Tech (Urban Planning), Diploma Transport Economics and Management. **Specialization:** Sustainable Integrated Land use & Transport Planning ,Traffic Management & Road Safety, Transport Economics, Safe System Approach, Geographic Information System , Non -Motorized Transport Planning, Urban and regional planning. **Teaching and Research Experience**: 4 years **Professional Experience**: 5 years

Placement Cell Report

The placement cell of the College of Traffic Management plays an import role for recruitment of the students in reputed organisations. It serves as an interface between the students and recruiters. The College has helped recruitment of our students in companies like Intercontinental Consultants & Technocrats Pvt. Ltd., International Road Federation, Welspun V R Technique Consultants Pvt Ltd. During the covid pandemic situations M.Sc. Traffic Management students had the opportunity of 100% placement

Name of Alumni	Course Pursued	Job Role	Current Company Name	Session
Mr. Akshaj	M.Sc. Traffic Management	Junior Safety Engineer	Intercontinental Consultants & Technocrats Pvt. Ltd.	2018-2020
Mr. Sarwar	M.Sc. Traffic Management	Assistant Engineer – Traffic & Road Safety	V R TECHNICHE Consultants Pvt Ltd	
Mr. Jasvinder Duhan	M.Sc. Traffic Management	Project Associate	International Road Federation (India Chapter)	
Mr. Maninder Singh	M.Sc. Traffic Management	Project Associate	International Road Federation (India Chapter)	2019-2021
Mr. Jatin Sehrawat	M.Sc. Traffic Management	Project Associate	International Road Federation (India Chapter)	
Mr. Saurav Seharawat	M.Sc. Traffic Management	Project Associate	International Road Federation (India Chapter)	
Mr. Sumit Dhull	M.Sc. Traffic Management	Project Associate	International Road Federation (India Chapter)	

Placement Opportunities for MSc Traffic Management

Those who successfully complete the 2 year Post Graduate Course would have ample opportunities with concessionaires responsible for operating highways, road construction and maintenance organisations, fleet operators, tourist and transport organisations, insurance companies, automobile organisations, urban development agencies, government and non-government organisations dealing with road transport, safety audits, traffic engineering and road safety amongst host of related opportunities.

- Estate Development & Management Organization
- Concessionaires of National and State Highways
- Highway Authorities
- Contracting Partners of Road Maintenance and Managing Organization
- Airport Authorities who manage their traffic and parking system
- Consulting Organizations dealing with Road Safety Management and Road Safety Audits
- Fleet Owning and hiring organizations including Oil and Petroleum Companies
- Transport Corporations
- Insurance Agencies
- Legal Firms/Consulting Firms KPMG/PWDC
- Automobile Companies
- Organizations running Driver Training Schools like Maruti, IDT&R and Ashok Leyland
- Hospitals and Primary Health Care Centres
- NGO's dealing with Road Safety Management
- Academic Institutions dealing with Transport planning and Traffic Engineering
- Large corporates in their Health, Safety, Security and Environment Sector
- Security Agencies working in the area of Traffic Management.

COURSE STRUCTURE

About M.Sc. Traffic Management Course

This is a two year program spread over four semesters. In the first semester the students have core papers. While in the second, third and fourth semesters they have electives in the form of Discipline specific, Open or Interdisciplinary Electives and foundations electives along with the Core Papers. A core paper is a compulsory paper to be studied by a candidate as a core requirement to complete the requirements of a degree. The Discipline Specific Elective is a paper wherein a candidate can choose from a pool of papers of the main discipline which supports the course. They are also mandatory as per course curriculum. Whereas an Open Elective paper is chosen generally from an unrelated discipline with an intention to seek exposure. The Foundation Electives are value-based courses which may enhance the proficiency or skill of a candidate..

Pedagogy

Classroom lectures, laboratory-based practical sessions, seminars, case studies, group discussions, video conferencing by eminent experts from India and abroad, summer internship, and project work related to the area of Traffic Management.

Choice Based Credit System

Choice Based Credit System (CBCS): The CBCS provides an opportunity to the students to select from the prescribed courses comprising Core, Elective (Discipline Specific and Generic), and Ability Enhancement Courses (Ability Enhancement Compulsory Courses and Skill Enhancement Courses).

INSTRUCTIONS FOR THE STUDENTS

(A) Core Courses:

A Core Paper (C): There are core papers in every semester. A core paper is a compulsory paper to be studied by a candidate as a core requirement to complete the requirements of a degree. These are offered by the respective departments, and based on papers that are unique to the programme and hence imperative for study to earn a degree in a given discipline/programme.

(B) Elective Course:

Elective course is a course which can be chosen from a pool of papers. It may be:
- Supportive to the discipline of study
- Providing an expanded scope
- Enabling an exposure to some other discipline/ domain
- Nurturing student's proficiency/skill
-

An elective may be "Generic elective" focusing on those courses which add generic proficiency to the students. Discipline Centric may be chosen from an unrelated discipline. The latter may be called as an open elective.

1. **Discipline Specific Elective (D):** A paper/course which a candidate can choose from a pool of papers of the main discipline which supports the course. They are also mandatory as per course curriculum.
2. **Open Elective (O):** An elective paper chosen generally from a un–related discipline with an intention to seek exposure is called an Open Elective/Interdisciplinary. Choice may be from the poll of subjects/Departments of M.D. University, Rohtak.
3. **Foundation course (F):** This paper will be opted to enhance the proficiency/skill. It may be related to discipline of study or may be a generic proficiency enabler. The University shall provide to the students a pool of Foundation courses from various UDT.

Dr. Rohit Baluja Delivering Lecture in Traffic Management Centre

It is a special paper where a candidate carries out the application of knowledge in solving/studying /exploring a real life /difficult problem in a creative way. Depending upon the scope and time framework available, the Project Work/Field work/Dissertation/Group.

Students Conducting Spot Speed Survey at Surajkund Road
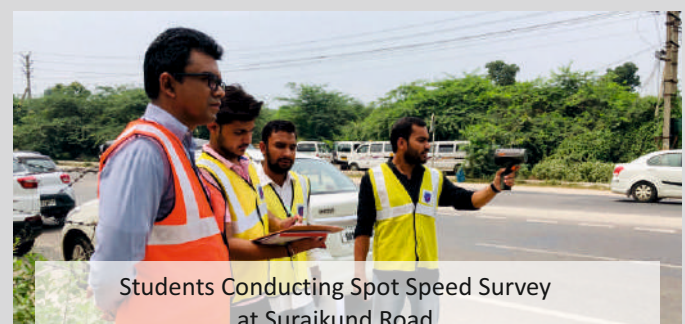
M.Sc. Traffic Management

Credit Matrix for M.Sc. (Traffic Management) Program

Semester	Core Paper including practical (C)	Discipline Specific Elective Course (D)	Open Elective/ Interdisciplinary Course (O)	Foundation Elective Course (F)	Project work/ Training	Total Credits
I	20	-	-	-	-	20
II	17	3	3	2	-	25
III	13	3	3	-	3	22
IV	09	3	-	-	12	24
Total	59	9	6	2	15	91

Total credits required for M.Sc. (Traffic Management) = 91

About the Program

Curriculum

FIRST YEAR (2 semesters)

- Fundamentals of Transport Planning
- Fundamentals of Traffic Engineering
- Fundamentals of Traffic Management and Road Safety.
- Quantitative analysis and information management
- Traffic Management Lab-1(Traffic Data)
- Traffic Management Lab-2 (Traffic Engineering)
- Road Safety Audit
- Road Crash Scene Management
- Traffic Legislation & Regulations
- Traffic Management Lab - III (Road Crash Scene Management)
- Traffic Management Lab IV (Road Safety Audit)

Discipline Specific Electives
- Road Safety Crisis Management

Additionally, each student will opt one open elective course and one Foundation Elective Course provided by the MD university from the pool of the OPEN ELECTIVE and FOUNDATION COURSES . Theses Courses are to be selected by the students in the second, third and fourth semester. The foundation elective courses however are restricted to be chosen in the second semester. After the completion of the second semester the students shall proceed for their summer vacation training (SVT) of 8 weeks duration in the organisation assigned by the university / Institutions. Thus the report prepared after the completion of SVT shall be assessed in the third semester as a compulsory course

SECOND YEAR (2 semesters)

- Intelligent Transport System (ITS)
- Traffic Control & Enforcement
- Highway Asset Management
- Traffic Management Lab- V
- (ITS & Enforcement)
- Summer Vacation Training Report
- Transport Demand Management
- Safe Systems Approach
- Project Work

Discipline Specific Electives
- Transport Logistics and Fleet Management
- Road Accident Insurance and Compensation
- Transport Economics
- Sustainable Transport Planning and Policies
- Planning and Design for Vulnerable Road

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 with the approval of the Haryana Govt. in affiliation with Maharashi Dayanand University, (MDU) Rohtak. 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.

Faculty Details- Dr. Shruti Gupta (Associate Professor), Jaisleen Kaur (Assistant Professor), Shreya Arora (Assistant Professor), Priyam Lakar (Assistant Professor).

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 (Graphic)**

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 (Graphic)**

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 (Graphic)**

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.

Visit to Metro Bhawan, New Delhi

COURSE STRUCTURE

About M.Sc. Traffic Management Course

This is a two year program spread over four semesters. In the first semester the students have core papers. While in the second, third and fourth semesters they have electives in the form of Discipline specific, Open or Interdisciplinary Electives and foundations electives along with the Core Papers. A core paper is a compulsory paper to be studied by a candidate as a core requirement to complete the requirements of a degree. The Discipline Specific Elective is a paper wherein a candidate can choose from a pool of papers from the main discipline which supports the course. They are also mandatory as per course curriculum. Whereas an Open Elective paper is chosen generally from an unrelated discipline with an intention to seek exposure. The Foundation Electives are value-based courses which may enhance the proficiency or skill of a candidate.

Pedagogy

Classroom lectures, laboratory-based practical sessions, seminars, case studies, group discussions, video conferencing by eminent experts from India and abroad, summer internship, and project work related to the area of Forensic Science.

Choice Based Credit System

Choice Based Credit System (CBCS): The CBCS provides an opportunity to the students to select from the prescribed courses comprising Core, Elective (Discipline Specific and Generic), and Ability Enhancement Courses (Ability Enhancement Compulsory Courses and Skill Enhancement Courses).

A.   Core Courses:
Core Paper (C): There are core papers in every semester. A core paper is a compulsory paper to be studied by a candidate as a core requirement to complete the requirements of a degree. These are offered by the respective departments, and based on papers that are unique to the programme and hence imperative for study to earn a degree in a given discipline/programme.

B.   Elective Course:
Elective course is a course which can be chosen from a pool of papers. It may be:

·   Supportive to the discipline of study
·   Providing an expanded scope
·   Enabling an exposure to some other discipline/domain
·   Nurturing student's proficiency/skill.

An elective may be "Generic elective" focusing on those courses which add generic proficiency to the students. Discipline Centric may be chosen from an unrelated discipline. The latter may be called as an open elective.

1.   **Discipline Specific Elective (D):** A paper/course which a candidate can choose from a pool of papers from the main discipline which supports the course. They are also mandatory as per course curriculum.

2.   **Open Elective (O):** An elective paper chosen generally from a un–related discipline with an intention to seek exposure is called an Open Elective/Interdisciplinary. Choice may be from the poll of subjects/Departments of M.D. University, Rohtak.

3.   **Foundation course (F):** This paper will be opted to enhance the proficiency/skill. It may be related to discipline of study or may be a generic proficiency enabler. The University shall provide to the students a pool of Foundation courses from various UDT.

C.   Project/Field Work/Dissertation/Group Seminars: It is a special paper where a candidate carries out the application of knowledge in solving /studying /exploring a real life /difficult problem in a creative way. The project work/Field work/ dissertation/Group Seminars shall be discipline centric, and the candidate has to study it on his own with an advisory support by the concerned teacher.

M.Sc. Forensic Science

Faculty	Detail
Dr. Shruti Gupta (HOD & Associate Professor)	**Qualification:** Ph.D. Forensic Sciences (Questioned Documents), UGC – SRF & NET, M.Sc. Forensic Science, B.Sc. Life Sciences. **Specialization:** Questioned Documents, Fingerprint Sciences, Electronic & Digital Documents, Security Documents. **Teaching and Research Experience:** 13 Years 5 Months **No. of Publications:** 28 , Book Chapters: 4
Mr. Priyam Lakar (Assistant Professor)	**Qualification:** B.Sc. Forensic Science,M.Sc. Forensic Science, UGC NET JRF. **Specialization:** Instrumentation, Physics, Quality Management, Crime Scene Investigation, Forensic Physics **Teaching and Research Experience:** 1 year 8 months
Ms. Shreya Arora (Assistant Professor)	**Qualification:** B.Sc. Life Sciences, M.Sc. Forensic Science, UGC –NET, Ph.D. Forensic Sciences (pursuing). **Specialization:** Forensic Biology, Serology and Human Genetics, Bioinformatics, Questioned Documents, Electronic & Digital Documents. **Teaching and Research Experience:** 2 Years 4 months **No. of Publications:** 1 , Patents Published:1

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.

M.Sc. Forensic Science

Choice Based Credit System (CBCS): The CBCS provides an opportunity to the students to select from the prescribed courses comprising Core, Elective (Discipline Specific and Generic), and Ability Enhancement Courses (Ability Enhancement Compulsory Courses and Skill Enhancement Courses).

Semester	Core Paper including practical (C)	Discipline Specific Elective (D)	Open Elective/ Interdisciplinary (O)	Foundation course (F)	Project work/ Field work/ Dissertation/ Group Seminar	Total Credits
I	28	-	-	-	-	28
II	20	04	03	02	-	29
III	16	08	03	-	-	27
IV	08	-	-	-	20	28
Total	**72**	**12**	**06**	**02**	**20**	**112**

Total credits required for M.Sc. Forensic Science (two year course) =112

Curriculum

FIRST YEAR (2 semesters)

- Elementary Forensic Science
- Police and Crime Investigative Agencies
- Fundamentals of Fingerprint
- Examination
- Fundamentals of Questioned Document Examination
- General Forensic Tools and Techniques
- Forensic Lab Course-I (Based on Fingerprint Examination)
- Forensic Lab Course-II (Based on Questioned Document Examination)
- Crime Scene Investigation
- Fundamentals of Forensic Ballistics
- Forensic Criminology and Law
- Forensic Lab Course-III (Based on CSI)
- Forensic Lab Course-IV (Based on Forensic Ballistics)

Discipline Specific Electives
- Fundamentals of Forensic Psychology
- Forensic Quality Management
- Fundamentals of Computer Forensics

Additionally one OPEN ELECTIVE/ INTERDISCIPLINARY and one Foundation Elective subject also needs to be selected by the students in the second semester

SECOND YEAR (2 semesters)
- The students will opt any one of the following three specializations.

I. Forensic Chemical Sciences(A)
- Advanced Forensic Chemistry
- Advanced Forensic Toxicology and Pharmacology
- Forensic Lab Course V (Based on Forensic Chemistry)
- Forensic Lab Course VI (Based on Forensic Toxicology)
- Forensic Drugs Analysis
- Analytical Forensic Toxicology
- Project work/Field work/ Dissertation/ Group Seminar

II. Forensic Biological Sciences(B)
- Theoretical and Practical Aspects of Biological Evidences
- Forensic Genetics and Advanced DNA Forensics
- Forensic Lab Course VII (Based on Forensic Biology)
- Forensic Lab Course VIII (Based on DNA Forensics)
- Advanced Forensic Biology
- Forensic Physical Anthropology and Medicine
- Project work/Field work/ Dissertation/ Group Seminar

III. Forensic Physical Sciences(P)
- Advanced Forensic Physics and Photography
- Advanced Forensic Ballistics
- Forensic Lab Course IX (Based on Forensic Physics and Photography)
- Forensic Lab Course X (Based on Forensic Ballistics)
- Advanced Fingerprints and Questioned Document Examination
- Advanced Computer and Cyber Forensics
- Project work/Field work/ Dissertation/ Group Seminar

Discipline Specific Electives
- Instrumental Methods in Forensic Analysis
- Elements of Forensic Biology and Serology
- Elements of Forensic Chemistry and Toxicology

Additionally one OPEN ELECTIVE/ INTERDISCIPLINARY subject also needs to be selected by the students in the third semester.

Pedagogy

Classroom lectures, laboratory-based practical sessions, seminars, case studies, group discussions, video conferencing by eminent experts from India and abroad, summer internship, and project work related to the area of Forensic Science.

STRUCTURE OF EVALUATION

Examination and assessment

The examination for the odd semesters shall ordinarily be held as per notification by the Controller of Examinations –

December/January – Odd Semesters
May/June - Even Semesters

A supplementary examination for 1st & 2nd semesters shall be held along with their regular 1 st & 2nd semester examinations. However, the supplementary examination for 3rd and 4th semesters shall be held after every six months.

Theory paper will have marks in the ratio of **80 percent external and 20 percent internal**, irrespective of the credits assigned to it. The grade points awarded to a student in any particular course/paper will be based on the performance of the student in the internal assessment (sessional tests, attendance and assignments/presentations) and the external assessment (end semester examination) taken together. The duration of all the end term theory examinations shall be 3 hours. CTM-IRTE shall follow the system of continuous evaluation throughout the term. The evaluation for each subject involves the assessment of performance of students in classroom participation for eliciting effective and fruitful discussions, creativity and innovations demonstrated I Assignments/Teamwork/Presentations, performance in surprise quiz tests and performance in mid-term and end-term examinations. Students who fail to maintain minimum academic standards may be asked to leave the program.

Summer Project

Students of Traffic Management are required to undertake compulsory 8-week summer vacation Training projects in a Company/Organisation related to Road Safety, Road Concessionaires, Automobile Sectors, Insurance Agencies, Fleet and Logistics etc. after completion of first year. Evaluation of the summer project will be based on submission of written project under defence presentation.

A Compulsory project also needs to be carried out by Forensic Science and Traffic Management students in the IV semester concurrently with the subjects. Evaluation will be again based on submission of written project report and a defence presentation.

Attendance and Internal Assessment

The Criteria for awarding internal assessment of 20 marks shall be as under:
· Class test: 10 marks.
·Assignment and Presentation: 5 marks
·Attendance*:   5 marks

Distribution of the marks for attendance is as under:

Percentage of the Attendance	Marks
Less t han65%	0 marks
Up to 70%	2 marks
Up to 75%	3 marks
Up to 80%	4 marks
Above 80%	5 marks

University Evaluation

Illustration of Computation methodology for Choice Based Credit System

Grade Description		
Interval of Percentage of Marks	Grade Point	Grade
>=90 AND <=100	10.00	O+ (Exemplarily Outstanding)
>=80 AND <=90	09.00	O (Outstanding)
>=70 AND <=80	08.00	A+ (Excellent)
>=60 AND <=70	07.00	A (Very Good)
>=55 AND <=60	06.00	B+ (Good)
>=50 AND <=55	05.50	B (Above Average)
>=40 AND <50	05.00	C (Average)
= 40	04.00	P (Pass)
Below 40		F (Fail)
Absent		AB
Computation of Division		
>=75%	I Division with Distinction	
>=60% AND <75 %	I Division	
>=50% AND < 60%	II Division	
>=40% AND < 50%	III Division	

Procedure for Admission

Eligibility For M.Sc. Traffic Management

Eligibility For M.Sc. Traffic Management Graduate in any discipline recognised as equivalent thereof by the M.D. University securing a minimum of 50% marks in aggregate of all semesters or equivalent in terms of CGPA grade are eligible to apply for admission to the course.

Eligibility For M.Sc. Forensic Science

B.Sc. (Forensic Science)/B.Sc. (Pass) with any of the two subjects viz. Botany, Biotechnology, Chemistry, Mathematics, Physics and Zoology or BDS with at least 50% marks in aggregate from a recognized University. In service sponsored candidate must have at least six months working experience in the relevant field in addition to the eligibility qualification.

Intake & Special Categories

The intake is 30 seats for M.Sc Traffic Management and 20 seats for M.Sc Forensic Science.

Distribution of seats for M.Sc. Traffic Management					AIO Seats	Spons-ored Seats	Forei-gn seats
Non-Sponsored Seats							
Gen	SC	BC A	BC B	PH			
9	3	3	1	1	3	5	5

Distribution of seats for M.Sc. Forensic Science					AIO Seats	Sponsored Seats
Non-Sponsored Seats						
Gen	SC	BC A	BC B	PH		
6	2	2	1	1	3	5*

5 Seats each are reserved for Foreign and Sponsored / Working Professionals in M.Sc. Traffic Management.

*3 seats in M.Sc. Forensic Science have been reserved for the international students and 2 seats are reserved for (Sponsored / Working Professionals.

The reservation of seats is as per the Reservation Policy of the Haryana Government and is subject to any change/amendment by the Haryana Govt. from time to time.

Counseling

The candidates shall be called for counseling as per merit order, which will be held at the College of Traffic Management.
Foreign Students may kindly refer to www.mdurohtak.ac.in

Procedure for Admission

The Prospectus along with the Application Form would be available on website www. irte.com.

Application form can be downloaded from the website (www.irte.com) and should be sent along with a crossed Demand Draft of Rs. 500/- (Rs. 250/- for SC & Haryana BC A / BC B candidates) in favour of Institute of Road Traffic Education.

Complete application form along with all the annexures should be emailed to msc.ctm@irte.com or sent with photocopies of all requisite documents to "The Director, College of Traffic Management, IRTE, Aravali Hills, Surajkund Badkhal Road, Sector-43, Faridabad-121010, Haryana.

Incomplete applications and applications received after the last date shall be rejected without any notice. College shall not be responsible for any postal delay.

Fees and Expenses

Course fee for M.Sc. (Traffic Management):

Non-Sponsored :   Rs. 79,729/- annum
Sponsored   :   Rs. 1,75,000/- annum
Foreign   :   USD 3,000 /- annum
Security Fees
One time deposit :   Rs. 2,500/- (Refundable)

Course fee for M.Sc. Forensic Science:

Non-Sponsored :   Rs. 79,729/- annum
Sponsored   :   Rs. 1,50,000/- annum
Foreign   :   USD 2,500 /- annum
Security Fees
One time deposit :   Rs. 2,500/- (Refundable)

Fee can be transferred to

Account Name:	Institute Of Road Traffic Education
Bank Name & Address	Axis Bank Ltd, Ground Floor & Basement, SCO A 689, Sector A-B, Green Field Colony, Faridabad-121001
Account Number	917010070966806
IFSC CODE:	UTIB0002693

Correspondence

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

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.

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

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 was 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.
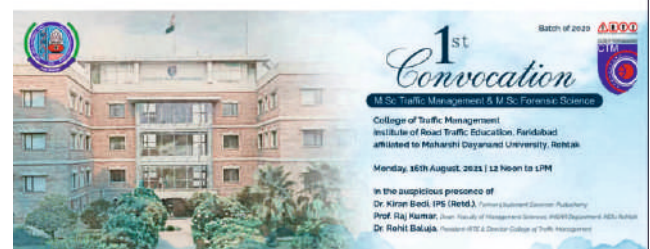This Seminar also provided an opportunity to the private Forensic labs and Private experts to interact with the students of Forensic Science from various universities of India at one place. The invited speakers in the seminar were from private Forensic labs, Cyber experts, private academic institutions, 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.minent experts from the corporate world and understand their rule in private sector.

CTM IRTE AT GLIMPSE

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".
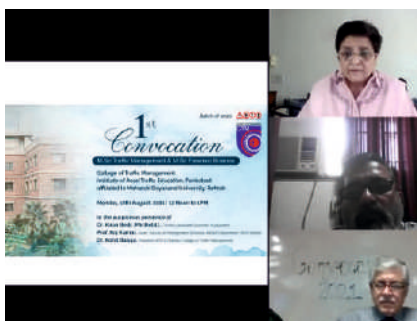

Sports Events

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.

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.

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

His Royal Highness Prince Michael's Premier Award
for Road Safety
awarded to
The Institute of Road Traffic Education (IRTE)
College of Traffic Management

A Great Place to
Think Big Thoughts

About the Program

ALUMNAI PROFILES

★ ★ ★ ★ ★

It will be more than a year and half that I have entered the realm of professional world after completing my Master's in Traffic Management from College of Traffic Management, Faridabad. I have been assigned the role of Jr. Road Safety Engineer in Intercontinental Consultants and Technocrats Pvt. Ltd. a leading consulting firm in the infrastructure sector. During my Master's course at IRTE, Faridabad I was exposed to various aspects of road environment and safer road usage practices which has for sure enabled me to dispel my duties as a Road Safety Engineer to the best of my abilities. The practical exposure of conducting road safety audits and journey risk assessments have provided me necessary domain knowledge which helped me understanding the road scenarios in India. The staff and external faculty of the college were extremely helpful in understanding and clearing our concepts of the curriculum. The infrastructure and laboratory facilities were top notch in the college which always provided a conducive atmosphere to learn. Despite the ongoing pandemic the college authorities left no stone unturned to ensure placements to all the students of Master's course in Traffic Management for which I am truly grateful.

In this field of road safety where every day brings about a new challenge and a new lesson not merely for professional front but also on a personal level, the whole purpose of contributing with full zeal and fervour. It indeed pushes me to utilise my skills and knowledge to make a safer road and work environment for the road users and as well as for the fellow colleagues and workers.

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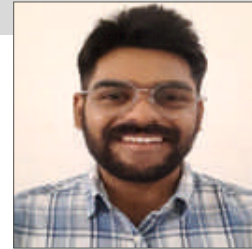
Akshaj
Student of M.Sc. Traffic Management

Student Testimonials

★ ★ ★ ★ ★

"It has been a revolutionary experience for me since enrolling in the M.Sc. in Traffic Management program. This is a Comprehensive course superlatively designed to make the new era of diligent Standardised Traffic Management system by producing trained Traffic managers to deal with the World's critical challenges of Traffic congestion and Road Accidents by building the Sustainable cities for the Nation. Being from a solid Civil Engineering background, stepping into new disciplines such as Investigation, Psychology, and legal elements of road traffic has been a great bonus to start my career. A huge array of opportunities will push my future to greater levels in various Industries. This is the top school, with Professors having exceptional excellence in teaching and practical expertise, as well as exposure to International faculty and different global conferences."

Prudhvi Sahit Kollipara (IVth Semester)
Student of M.Sc. Traffic Management

APPLICATION FORM FOR M.Sc. TRAFFIC MANAGEMENT & M.Sc. FORENSIC SCIENCE (2022-2023)

COLLEGE OF TRAFFIC MANAGEMENT
CTM

Course Opted: | M.Sc. TRAFFIC MANAGEMENT | M.Sc. FORENSIC SCIENCE |

1. Name of the Candidate (in full & Capitals) _____

Affix recent passport size photograph

2. a) Mother's Name
   b) Father's Name _____

3. Date of Birth (in Christian Era)

Date	Month	Year

4. Sex | Male | Female | Transgender |

5. Haryana State Domicile | Yes | No |

6. Category | SC | BC A | BC B | Gen | PH |

7. Address for Communication (Give complete address in capitals & e-mail Clearly) _____

_____ Pin Code _____ Nationality _____

Tel. No. _____

Mobile No,. _____

Aadhar Card No. _____

E-mail _____

8. Father's/Mother's Occupation — Agriculture/Govt. Employee / Private Employee/ Self Employed/ Not Applicable

9. Annual Family Income (In Rs.) _____

10. Are you a sponsored candidate | Yes | No |

11. Educational Qualifications

Sl. No.	Board / University	Branch/ Qualifying Degree	Year of Passing	Roll No.	Max. Marks	Max. Obtained	Percen-tage	Grade/ CGPA
10th Std								
12th Std								
Graduation								
Others								

Note:
i.   In case of CGPA please indicate equivalent percentage of marks with proof of conversion formulae.
ii.   Attested photocopy qualifying degree certificate, mark-sheet and proof of date of birth are to be sent along with application form.

12. Work Experience after Graduation (if any)

Sl. No.	Designation	Name of Organization	Period		Nature of duties
			From	To	

13. **Certificate of Sponsorship** (ONLY FOR SPONSORED CANDIDATES)

This is to certify that Mr./Ms. _____working in this concern/Organisation _____as_____will be sponsored by us in case he/she is selected for admission to M.Sc Traffic Management / M.Sc Forensic Science for the session 2022-2024

Place: _____

Date: _____

(Signature of Employer with seal)
Name:
Designation:
Address:

Application form fee Rs. 500/- (Rs. 250/- for SC & Haryana BC A / BC B candidates)

14. Details of application fee: Cash receipt/DD No. _____Amount_____ date _____

OR

Fee can also be transferred to :

Account Name:	Institute Of Road Traffic Education
Bank Name & Address :	Axis Bank Ltd, Ground Floor & Basement, SCO A 689, Sector A-B, Green Field Colony, Faridabad-121001
Account Number:	917010070966806
IFSC CODE:	UTIB0002693

QR Code for UPI Payments

★
15. List of Documents attached

1. Matriculation Certificate (as proof of age)
2. Senior Secondary Examination Certificate
3. Detailed Marks Card (DMC) of the qualifying examination (B.A./B.Sc./B.Com./B. Pharm.etc)
4. Character Certificate from the Institute last attended
5. Certificate of Reserved Category and other related certificates, if applicable, as mentioned in the Prospectus
6. Latest income certificate issued on or after 01/04/2022 for SC/BC category or as per State Govt. instructions
7. Certificate claiming weightages, Haryana resident certificate, if applicable
8. Documentary proof in support of respective Supernumerary category, if applicable
9. Undertaking regarding Gap Year, if applicable, as per format in Appendix-T
10. Scanned copy of any one photo identity proof (Voter ID / Aadhar Card/ PAN Card/ Driving License)

DECLARATION

The above furnished information is true to the best of my knowledge and in case of anything found misleading or wrong my candidature is liable to be rejected without any notice. Singed on this day _____of _____month _____ (year)

Place:
Date:

Signature of Candidate
(Name in full)

FOR OFFICE USE ONLY

Application No:	Certificate Attached:	Yes/No
Sponsored: Yes/No	Sponsored Certificate	Attached/Not
	Verified by:	

---

* Tick or cross in the appropriate box.

Filled-in Application may be sent to the address :
or Scanned copy of the form and documents can be forwarded to **msc.ctm@irte.com**

The Director
College of Traffic Management, IRTE
Aravali Hills, Surajkund Badkhal Road
Sector-43, Faridabad-121010,(NCR Delhi) Haryana

COLLEGE OF TRAFFIC MANAGEMENT

31 YEARS IRTE
INSTITUTE OF ROAD TRAFFIC EDUCATION

of dedicated Research in Road Safety Management

COLLEGE OF TRAFFIC MANAGEMENT
CTM

M.Sc. COURSES
at College of Traffic Management

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

M.Sc. TRAFFIC MANAGEMENT

M.Sc. FORENSIC SCIENCE

Affilated to Maharshi Dayanand University (MDU) Rohtak, Haryana

INSTITUTE OF ROAD TRAFFIC EDUCATION
COLLEGE OF TRAFFIC MANAGEMENT

Surajkund Badhkal Road, Aravali Hills, Sector 43,
Faridabad – 121010, INDIA
+91-129-2477000 | ctm@irte.com

w w w . i r t e . c o m

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