



**CONSULTATIVE STATUS WITH
THE UNITED NATIONS ECONOMIC
AND SOCIAL COUNCIL SINCE 2010**

**CENTER FOR EXCELLENCE
IN ROAD SAFETY FOR
SOUTH-EAST ASIA**

A few Words about IRTE

www.irte.com





Some of the achievements of the IRTE/CTM are:

Training

The IRTE has:

- Imparted post-license training to over 7, 60,000 **Commercial Vehicle drivers** with Pre & Post assessments.
- Training of **IPS Officers** (Probationers of the SVP National Police Academy) in Traffic Management since 2001.
- Conducted 85 courses for BPR&D, Ministry of Home Affairs **for Police Officers** in the subject of Accident Investigation.
- Conducted 37 courses for Ministry of Road Transport & Highways in Traffic Management & Road Accident Investigation for **Road Transport officers Highway Engineers and Police**.
- Conducted 11 courses in Traffic Management & Accident Investigation **for Nepal, Sri Lanka, Myanmar and Tanzania** including the support from the Ministry of External Affairs.
- Conducted training for **Traffic Police in 65 cities** Under the Road to Safety initiative which was launched by Mr. Nitin Gadkari, Honourable Transport Minister in 2014.
- Been conducting training of Military Police of India Army, Air Force and Navy since 2008.
- **The College has started with the first in Asia: M.Sc. in Traffic Management affiliated to the Maharshi Dayanand University, Haryana. In addition a M.Sc. in Forensic Science as well.**

Established as a not-for-profit research based organisation three decades ago, the Institute of Road Traffic Education (IRTE) set up the College of Traffic Management (CTM) (in Faridabad) in 2010.

With 30 years of unparalleled research in the subject of traffic management & road accident investigation, the IRTE was awarded a Roster Consultative Status by the United Nations. IRTE and the United Nations Global Forum for Road Traffic Safety or the Working Party 1 (Wp1), which is the only permanent body in the United Nations system that focuses on improving road safety and serves as guardian of the United Nations legal instruments aimed at harmonizing traffic rules, have signed a Memorandum of Understanding to jointly promote road safety in India and South East Asia.

In 2012 the IRTE created the Road Safety Hall of Nations at the College of Traffic Management to host the first United Nations Meeting of the Global Forum which was held for the first time outside Geneva. The IRTE's College of Traffic Management has been recognised the Centre for Excellence in Road Safety for South East Asia.



Road Safety Audit

The IRTE has conducted Journey Risk Management (JRM), a specialised Road Safety Audit for driver preparedness of over 58,000 kms of Indian Highways. This was done on camera over the last decade, primarily for the oil industry.

In order to conduct the training of police in 65 cities, primary audit of road traffic violations and installation of traffic control devices was conducted in all 65 cities.

Audit of Road Traffic Violations in Delhi in 2007 helped the Government of NCT Delhi establish the UTTIPEC.

Audit of Traffic Control Devices in Delhi in 2017 has been one of the most important revelations that almost 75 % of these devices do not conform to Codes of Standard Practice.

Research Based Tools & Systems of Traffic Management:

1. The IRTE's celebrated tool: Mobile Traffic Enforcement Vehicle '**INTERCEPTOR**' which was developed by the IRTE in 1995, was recognised at the National Republic Day Parade in 1996 & 2001. Today, the INTERCEPTORS are operating in 24 Indian States/UT's.
2. Mobile Crash Investigation & Research Laboratory '**CrashLab**' was developed by IRTE Engineers, is also in 5 states as the most accessible tool for Road Crash Investigation & Road Safety Audit.
3. Raju the Road Safety Mascot, was designed by the IRTE and was launched by Mr. George Fernandes, while he was Indian Defence Minister in October 2003.



Legal Instruments:

Dr. Rohit Baluja is the Observer for South East Asia at the United Nation's Global Forum for Road Safety (WP-1). By virtue of our experience the IRTE supported The Ministry of Road Transport & Highways, towards the drafting of the Motor Vehicles (Driving) Regulations 2017 on a pro-bono basis.

IRTE had been requested by the United Nations Global Forum to support the Forum towards the development of Code of Safe Practice for the use of Powered Two Wheelers for the South East Asian Region.

IRTE in partnership with the Ministry of Road Transport & Highways has developed the Draft Code of Practice for Safe Taxi Operation in India as well as the Draft Policy for the Safety of Transporting School Children in all modes of Transport.

Programs

IRTE other Landmark programmes include –

Student Traffic Volunteers Scholarship Scheme (STVS). This was the first scheme which enrolled College students to participate in traffic management with the police and being awarded a fee which would help them to continue education. Awarded the Prince Michael International Award in London in 2001 recognising the unique initiative.

School Conclave – The Teachers Training Program for road safety in schools. IRTE has developed a module and methodology, to teach road safety education through the Pre-existing subjects of the curriculum. Such education should therefore respect the NCERT principles of Cognitive, Content, Historical, Environmental and Ethical validity. The education must also refer to the current prevailing conditions.

Journey Risk Management (JRM) This programme was initiated with the call from the Oil industry to bring safety to their transportation. A comprehensive audit of the roadway system, taking also into consideration the FIR's of serious and fatal crashes, engineering shortcomings, road user behaviour and supported by all facilities and systems available along the route.

Highway Literacy Program: This was developed primarily for the NHAI, to bring a system of road safety education for the villages along national and state highways. This would be done based upon safety audits, suggesting engineering improvements and also training the police along the route.

Towards Responsible Youth

University Students Awareness Programme in Road Safety has been initiated to create awareness amongst university students in Driving Regulations, Techniques of Defensive Driving, Importance of Seat Belts, helmets and the dangers of drunken driving. Students will have the opportunity to deliberate on incident management closing with

Adoption of Cities & Highways

On the invitation of Dr. Kiran Bedi, Hon, Lt. Governor of Pondicherry, the IRTE adopted the Union Territory of Pondicherry for capacity building of road safety management from October 2018 to May 2020. Our contribution which was supported by the Diageo India Ltd, was aimed at training of police and highway engineers, conducting road safety audits, development of road accident data base and devising an enforcement strategy. This has resulted in a reduction of road accident fatalities of over 21% in the calendar year 2019.

The IRTE and the Haryana Police signed a MoU in 2019, towards IRTE's adoption of the National Highway 44 (Delhi to Ambala) on a pro-bono basis, as well as for training the trainers of police in the domain of road safety management and accident investigation. The NH 44 stretch of 183 kms from Delhi to Ambala was accountable for 740 annual road accident fatalities. The IRTE is now engaging in conducting a detailed road safety audit, training the police in accident investigation, making the highways engineers aware of engineering shortcomings and guiding them towards improvement. Consequently IRTE will be developing a strategy for enforcement of violations on the highway. In addition IRTE is supporting the police towards developing an interactive database of accidents and enforcement. The aim is to reduce the burden of deaths and serious injuries by at least 50% through capacity building of traffic management agencies.

IRTE set up the College of Traffic Management (CTM) in 2010. Spread over 7000 sq.m of rocky land in Faridabad, the H-shaped building houses six specialised departments making it the one and the only single umbrella global institution in the domain of traffic management.

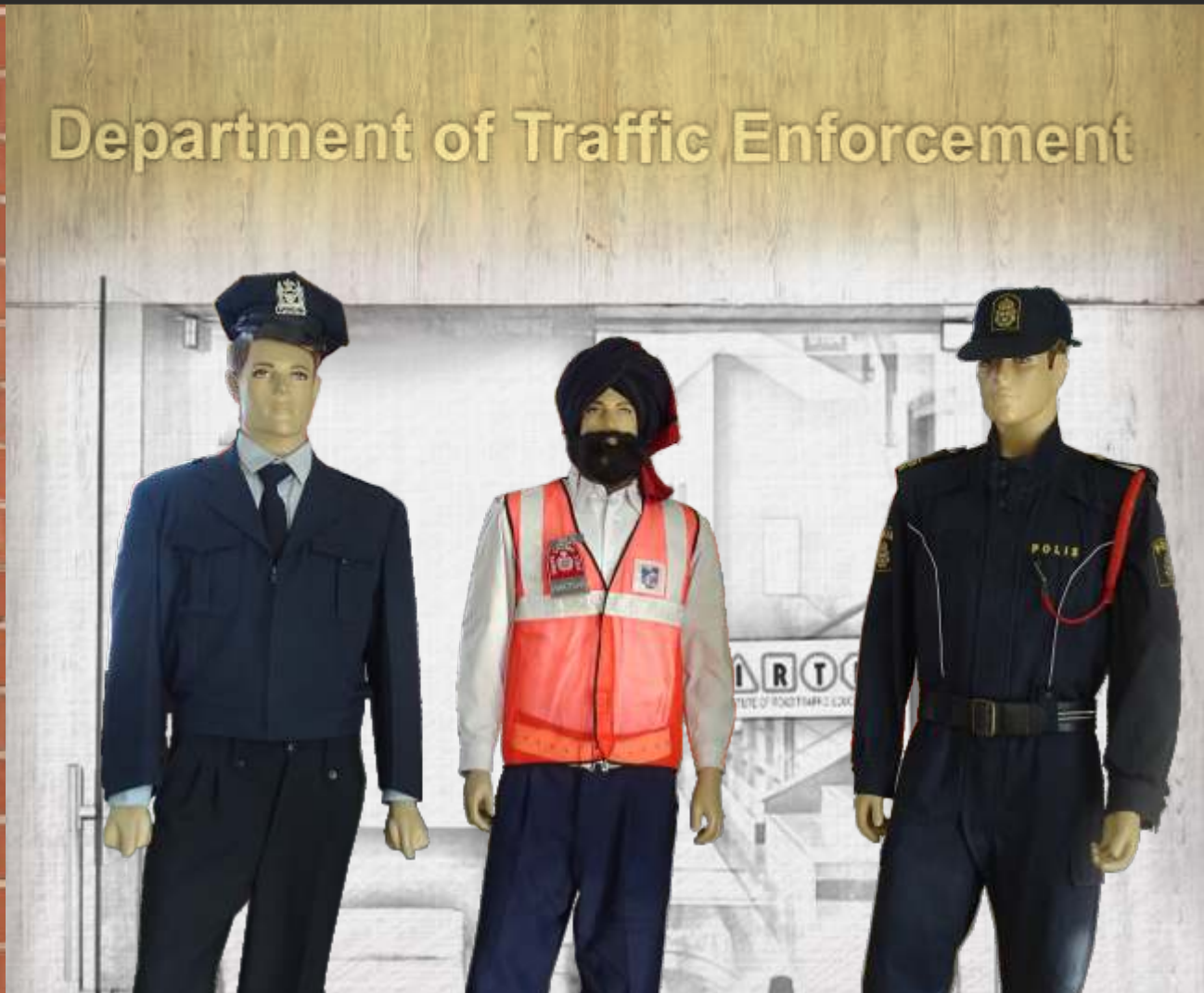
Department of
Traffic Enforcement

Department of
Traffic Engineering

Department of
Forensic Science

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Department of Traffic Enforcement



Department of Driver Training
& Road Safety Education

Department of Public Health
for Road Safety

Department of Law

Conducts:

Towards the understanding of factual Causes & Consequences of Road Traffic Violations & Road Crashes (Accidents)

Develops:

Tools, Systems and Technological Products for Traffic Enforcement & Crash Investigation:

- Interactive Systems
- Training Modules & Curricula for Training to Police & Transport Officers (Probationer Officers, Constable to Senior most Officers) in Traffic Enforcement
- Traffic Control
- Traffic Management
- VIP Route Management
- Hill Region Traffic Management Accident Investigation
- Vehicle Standards & Inspection
- Evidence Collection & Forensic Applications
- Data Management

Supports:

Urban Authorities in Planning of Traffic Management Schemes



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Department of Traffic Enforcement





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Department of Traffic Engineering



Conducts:

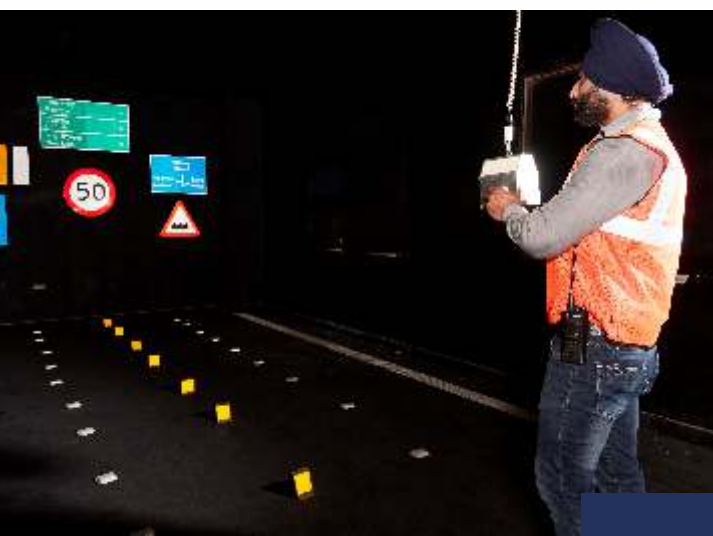
- Studies and Research in the domains of :
 - Traffic Engineering
 - Safety of Vulnerable Road Users
 - Codes of Practice of Traffic Control Devices
 - Urban & Highway Traffic Management
 - Develops Tools & Systems and Courses in Road Safety Audits
 - Traffic Engineering & Road Safety Management
 - Develops Modules, Curriculum and Training Programmes for M.Sc. Students in Traffic Management
 - Highway Engineers
 - Road Safety Auditors
 - Police

Undertakes:

- Journey Risk Management
- Highway Assessment Programmes
- Road Safety Audits
- Tasks such as Setting Speed Limits
- Hill Region Traffic Planning
- Plant Traffic Movement
- Plans for Improving Safety for Vulnerable Road Users

Supports:

- Authorities in Planning of Traffic Management Schemes and Capacity Building



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Department of Traffic Engineering





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Department of Forensic Science



Students working with Stereo Microscope



Student working with the Comparison Microscope



Dr. Shanta Baluja Department of Public Health for Road Safety & Forensic Science

The Department of Forensic Science at the College of Traffic Management, IRTE has been set up with an objective to help the investigating law enforcement agencies and the criminal justice system to provide proactive assistance, and help criminal justice administration to reduce the risk of wrongful conviction or exoneration especially in investigation of Road accidents and understanding the factual causes of an accident.

With its interdisciplinary approach and well equipped state-of-art Forensic Labs, the Department offers the following services:

1. Investigation of road traffic accidents and its reconstruction.
2. Two year full time M.Sc. Forensic Science Program in affiliation with Maharshi Dayanand University, Rohtak, Haryana.
3. As part of the curriculum, the Department offers specialization in areas such as Cyber Forensics, Forensic Accident Investigation, Serology and DNA Typing, Forensic Chemical sciences, etc.
4. In-campus short term courses of one week duration on Fingerprint Examination, Questioned Document and Handwriting Examination and Crime scene Investigation.
5. On-line courses in Fingerprint Examination, Questioned Document Examination, Crime scene Investigation.
6. Summer Internship for one month duration.
7. Project/Dissertation guidance and facility for students pursuing their masters in Forensic Science or other related areas of Scientific Investigations.
8. Consultancy services in the area of Questioned document Examination, Fingerprints Examination, Accident Investigation and other Forensic Services for various sectors such as Insurance Agencies, Banks, Private interested Parties etc. to name a few.



Students working
with Stereo Microscope







Department of Driver Training & Road Safety Education

- In 1996, IRTE pioneered the country's first Defensive Driving Program. Since then, IRTE has trained more than 800,000 drivers from all audiences, across India.
- 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.
- The IRTE's Department of Driver Training is one of a kind in India as it develops realistic, research-based curriculums.
- The 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.
- The training sessions are highly interactive and encourage active participation from the trainees through discussion, Q&A's and the encouragement of use of actual examples from their own experience.
- The training aids consist of specialized superior quality audio-visual content like animations, photographs, videos, related graphical representations, hence making the training program conducive for various literacy levels. In addition to this, IRTE also provides training materials to each trainee.
- The faculty and researchers at the Department include traffic engineers, public health specialists, enforcers, Psychologists, doctors, legal experts as well as automobile engineers. Post License Driver Training.



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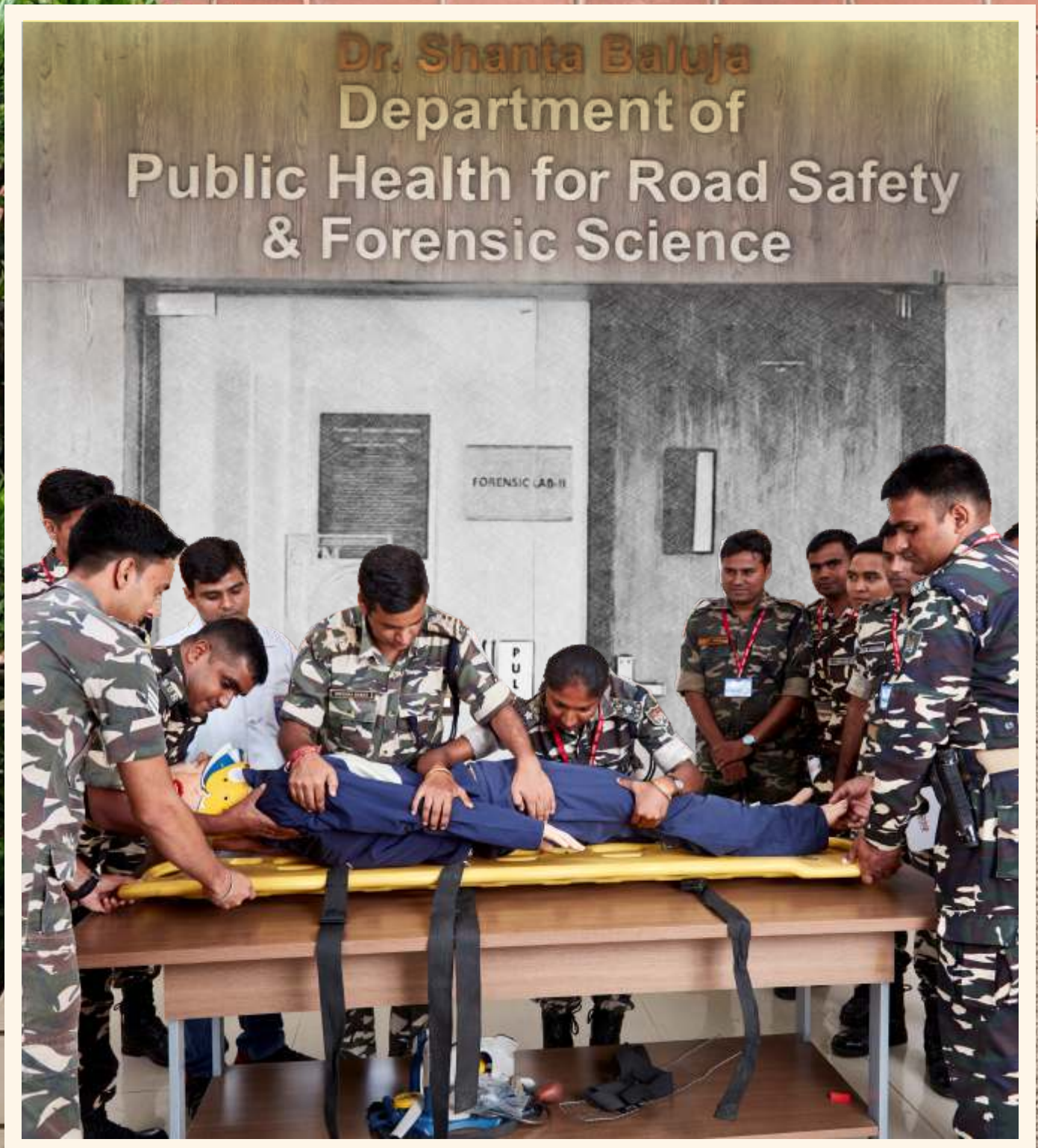
Department of Driver Training & Road Safety Education





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Department of Public Health for Road Safety



- 1 The Department of Public Health for Road Safety examines issues in primary prevention, trauma care, and rehabilitation.
- 2 Data is collected on the magnitude, characteristics, extent and consequences of road traffic crashes through injury surveillance.
- 3 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 behavior.

The main areas of study include:

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

The Trauma Research & Training Center at the Department of Public Health for Road Safety undertakes research on the type of injuries that occur and their consequences, research that should contribute to the development of tools and improved trauma systems as well as training.

Training is targeted at various stake-holders, including the first responders to crashes such as the highway patrol, traffic police, and ambulance staff. In rural areas the stake holders include villages along the highway, educational institutions and most importantly the youth.



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Department of Public Health for Road Safety





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Department of Law



- The Department of Law at the Institute of Road Traffic Education was incepted in the year 2009 and since then it is working incessantly towards research on Road Traffic Laws of India and South East Asia.
- It is one of the most prominent department of IRTE which works jointly with rest of the departments and academics in order to safeguard their interests and to achieve the IRTE's objectives and ensures that the IRTE's activities are in conformity with the well-defined laws and regulations.
- IRTE's Law department is working with United Nations, Government of India & States towards suggesting/ drafting improvement of legal instruments dealing with Traffic Management.
- The Law department facilitates various training programmes for Police, Transport, Engineers and Road Authorities in association with Ministry of Road Transport & Highways, Ministry of External Affairs and Bureau of Police Research & Development.
- The department is further responsible for development and upgradation of Course Curriculum for Training in fields of Traffic Management, Road Accident Investigation and Driver Training & Assessment.
- Law department has a high degree of accountability and visibility within the organization.
- The department is responsible for handling litigation, legal compliance and appropriate department strategy and management approach. The department vigorously strive to safeguard the interest of the organisation against all the external parties.
- It further provides legal consultation and advice as well as reviewing the rules, contracts and agreements generated by other departments. Duties of the legal department include drafting agreements, MOU's, resolutions, letters, memos and participating in balanced administrative decision-making.
- It looks after the joining and exiting formalities of staff members which is another area of responsibility of the Law Department.
- Recently Road Safety Court of Justice has been launched under the aegis of the Department of Law at the College of Traffic Management where we are planning to initiate training of Judicial officers.





27 Years

of dedicated Research
in Road Safety Management



*Lets make Global Roads Accident-free,
Pollution-free and Stress-free, through
Education, Discipline, Research and Planning.*

*That's the Philosophy of IRTE,
a non-profit institution
for making people aware - of the value of life,
so that happiness prevails!!*

**INSTITUTE OF ROAD TRAFFIC EDUCATION
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M.Sc. COURSES

**M.Sc. TRAFFIC MANAGEMENT
M.Sc. FORENSIC SCIENCE**

Affiliated to Maharshi Dayanand University (MDU) Rohtak, Haryana

