

NATIONAL ROAD SAFETY TECHNOLOGY CONCLAVE 2026

Best, Most Promising and Proven ITS Technologies for Road Safety

25-26 August 2026 | IIT Bombay, Powai, Mumbai
Jointly organised by IIT Bombay and ITS India Forum
With the guidance and inspiration from the Supreme Court Committee on Road Safety (SCCoRS)

India loses over 1.77 lakh lives on its roads every year, the highest of any country in the world. Proven technologies to change this already exist, many built by Indian companies. What has been missing is a **credible national platform that puts these solutions directly in front of the people who have the authority to act on them. NRSTC 2026 is that platform.**

Please note, this is not the usual conference or an exhibition. The Conclave brings several **decision-makers into one room** - Central government ministries, State transport and police leadership, automotive industry heads, and testing and certification bodies associated with recommendations procurement, and deploy road safety technology at scale. Every solution presented will be formally evaluated by Juries from the Government & the concerned sectors. The most promising **findings, proceedings & solutions** will be recommended for development, policy support, and national adoption through **a Technology Evaluation** in the form of a report to various entities, Government (Central/State), Corporations & other relevant institutions.

24 Solutions Evaluated	4 Best solutions awarded	300+ Key Government Authorities	1 Report Technology Evaluation report
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The Proposition

For Technology Companies	For Government & Institutions
Present your solution once — before every decision-maker who can mandate, fund, procure, or deploy it nationally. No follow-up across ten offices. The most promising findings, proceedings & solutions will be recommended for development, policy support, and national adoption through a Technology Evaluation in the form of a report to various entities, Government (Central/State), Corporations & other relevant institutions	See the most comprehensive, curated landscape of proven road safety technology in India — evaluated IIT Bombay and ITS India Forum. Leave with a structured basis for procurement, mandates, and policy.

Structure of the Conclave

The Conclave runs a two-stage process — proposals are evaluated first, and the selected solutions are then presented and evaluated at the event.

1. **Submit** — Companies submit a proposal (maximum 3 pages) by 13 August 2026.
2. **Shortlist** — A jury of domain experts reviews all proposals and selects the 24 best solutions.
3. **Present** — Selected companies present at the Conclave on 25-26 August in a structured 5-slide, 10-minute format, before the full audience led by the Chairman, SCCoRS.
4. **Evaluate** — Every presentation before presentation at the Conclave is formally evaluated by ITS India Forum, and IIT Bombay.
5. **Recommend** — The most promising solutions are recommended for development, policy support, and national adoption through the Technology Evaluation and Recommendation Report submitted to the Supreme Court Committee on Road Safety.

Event Format

Day 1 — 25 August 2026: Technology Showcase (Full Day)	
09:00 – 09:45	Inaugural — Chairman SCCoRS + IIT Bombay Director. The evaluation mandate.
09:45 – 10:00	Tea/Coffee Break
10:00 – 11:30	Session 1: Technologies Enhancing Electronic-Enforcement and Compliance (6 × 10 min + Q&A)
11:30 – 13:00	Session 2: Emerging Vehicle ITS Technologies for Safety ITS (6 × 10 min + Q&A)
13:00 – 14:00	Lunch and Poster presentations
14:00 – 15:30	Session 3: Human centric Technologies - From Driving License to Alertness and Monitoring (6 × 10 min + Q&A)
15:30 – 16:00	Tea/Coffee Break
16:00 – 17:30	Session 4: Technologies enhancing emergency care, alerting with road condition and Logistics Intelligence (6 × 10 min + Q&A)
17:30 – 18:00	Summary
18:00	Networking

Day 2 — 26 August 2026: Manthan (Half Day)	
09:00 – 11:00	Manthan — SCCoRS-led cross-examination. Companies grilled on evidence, deployment, and commitment. Government responds: what will be adopted, where, and by when.
11:00 – 11:15	Break
11:15 – 13:00	Manthan – continues
13:00 – 13:30	Valedictory Session & Awards
13:30 – 14:15	Networking lunch

Event Format

Four Thematic Sessions — 24 Solutions

Solutions are grouped into four themed sessions. The final line-up is determined entirely by the open proposal and jury process.

Session 1 Technologies Enhancing Electronic-Enforcement and Compliance

Detection cameras, ANPR, violation analytics, e-Challan integration, repeat-offender identification, automated penalty closure systems.

Session 2 Emerging Vehicle ITS Technologies for Safety

ADAS, retrofit safety systems, Intelligent Speed Assistance (ISA), Forward Collision Warning, Lane Departure Warning, ABS integration, V2X on-board units, telematics hardware, connected vehicle technologies.

Session 3 Human-Centric Technologies: From Driver Licensing to Alertness and Monitoring

Driver Monitoring Systems (DMS), fatigue detection, distraction monitoring, behaviour scoring, digital driver training, helmet detection, pedestrian conflict sensing, two-wheeler safety technologies, driver assessment platforms.

Session 4 Technologies Enhancing Emergency Care, Road Condition Alerting and Logistics Intelligence

Adaptive traffic signals, Integrated Traffic Management Systems (ITMS), ITS command-and-control platforms, blackspot and grey spot analytics, incident detection systems, connected corridors, emergency response integration, logistics intelligence platforms

Target Audience

The audience is restricted to decision makers with the authority to mandate, fund, procure, certify, or integrate road safety technology at national or state level.

Central Government	
MoRTH	Secretary — policy, enforcement, road safety standards
DoT	Secretary — V2X spectrum, telecom policy for ITS
MeitY	Secretary — digital infrastructure, VAHAN, e-challan
State Government — All States and UTs	
Chief Secretary	State commitment and resource allocation
DG Police	Traffic enforcement mandate
PWD Chief Engineer	Road infrastructure remediation authority
Transport Commissioner / RTO	Registration, licence, fitness, AIS-140 compliance
Automotive Industry	
SIAM	Industry apex body, standards, founding funder
Top OEMs	Passenger, commercial, and two-wheeler manufacturers
ACMA	Auto component manufacturers
Testing, Certification & Standards	
ARAI · NATRAX · ICAT · GRAX	Vehicle testing, certification, proving grounds
CMVR-TSC	Central Motor Vehicles Rules technical standards
Field Administration & Civil Society	
ZFD District Collectors	Zero Fatality District programme — ground implementation
AIMTC	Commercial fleet operators association
Highway Operators Association	Private highway concessionaires
Academia	
IITs	Transportation and AI research faculty — technical evaluation

Call for Proposals (Draft letter)

We invite your road safety technology — **deployed, measured, and ready to scale**. Not concepts, not prototypes: solutions with verifiable results, in India or comparable conditions.

We are especially keen to see what India has built for itself. Technologies that are **indigenously developed, manufactured on Indian soil, and calibrated for Indian roads** are cheaper to scale, faster to adapt, and free from dependence on imported systems. Where a solution shows this **Atmanirbhar strength alongside proven results, it will be prioritised** — because a road safety system India owns end-to-end is one India can sustain and scale on its own terms.

We welcome proposals across detection and enforcement, traffic management, connected infrastructure, fleet safety, V2X, ADAS, and emergency response.

Your proposal (maximum 3 pages) should cover:

- **The technology** — what it does and why it suits Indian conditions
- **Deployment** — where deployed, at what scale, for how long
- **Results** — verifiable numbers, not claims
- **Cost** — per km, per junction, or per vehicle
- **Scalability** — pathway to city, state, or national deployment
- **Make in India status** — indigenous IP, manufacturing, and data ownership

Submission

- Deadline: 13 August 2026
- Submission link: <https://forms.gle/irxNdpQJVSrH35DZ6>

Present once. Reach everyone. Every person in the room can mandate, fund, procure, or deploy what they see.

Outputs

Technology Evaluation and Report Submission

Published by ITS India Forum, and IIT Bombay within 30 days. Names which solutions are recommended, for which domain, by which agency, and within what timeline. Submitted to various entities -Government (Central/State), Corporations & other relevant institutions.

National Road Safety Technology Registry

IIT Bombay maintains a living registry of positively evaluated solutions, updated annually — a reference resource for state governments and procurement officers.

Timeline

13 August 2026	Proposal submission deadline
18 August 2026	Jury selects 24 solutions; all applicants notified
25-26 August	Conclave — presentations and Manthan at IIT Bombay
30 September	Technology Evaluation and Report published