



**JAYAWANT SHIKSHAN PRASARAK MANDAL'S**  
**RAJARSHI SHAHU COLLEGE OF ENGINEERING**  
**Tathawade, Pune-411033**



An Autonomous Institute, Affiliated to Savitribai Phule Pune University,  
Approved by AICTE, UG Programs Accredited by NBA, 'A' Grade Accreditation by NAAC



*Organize*

**INSTITUTION INNOVATION COUNCIL (IIC)**  
IC201912619

# National Road Safety Hackathon 2026

**Presentation Date & Time:**

**11<sup>th</sup> March to 15<sup>th</sup> April 2026**

Eligibility for Team: 5 Students from any branches

**4:00 pm to 5:00 pm**

**Venue: IIC Center, B Building**

Submit the idea:

[innovation\\_coordinator@jspmrscoe.edu.in](mailto:innovation_coordinator@jspmrscoe.edu.in)

For any inquiry please contact:

Dr. P. M. Ghatge - 9890720393

Website: [www.jspmrscoe.edu.in](http://www.jspmrscoe.edu.in)

# Road Safety Hackathon 2026



- The **National Road Safety Hackathon 2026**, organized by JSPM's Rajarshi Shahu College of Engineering with the support of the Centre of Excellence for Road Safety (CoERS), RBG Labs, IIT Madras, is centered on the theme “**AI in Road Safety.**”
- The hackathon aims to foster innovative, technology-driven solutions that enhance road safety using artificial intelligence. Participants are invited to choose and work on any one of the three given problem statements.

## DriveLegal:

- This tool provides location-specific information on traffic laws, violations, and fine schedules, integrating national rules with state and local enforcement regulations to improve compliance with road safety rules.

### KEY Aspects for coders to include:

- Geo-fenced lookup of local traffic compounding fees
- Automated “Challan Calculator” based on specific violations, vehicle type
- Global applicability across countries
- Offline functionality and robustness in low-network conditions

### Evaluation Criteria:

- Legal accuracy and regulatory coverage
- Challan calculator functionality & correctness
- Information integration across countries
- User interface and accessibility

## RoadWatch:

The tool enables citizens to monitor road quality, track public spending, and report issues to the responsible authorities, increasing the transparency in road infrastructure.

### KEY Aspects for coders to include:

- Shows Road Type (NH/SH/MDR, etc), last relaying date, and contractor name
- Routing to the correct Executive Engineer or Authority for complaints
- Amount sanctioned/spent
- Global applicability across countries
- Offline functionality and robustness in low-network conditions

### Evaluation Criteria

- Data accuracy
- Complaint routing mechanism
- Budget transparency including the source
- User interface & accessibility
- Information integration across countries



# Road Safety Hackathon 2026



## RoadSoS:

- The tool provides location-based access to nearby trauma centres, ambulance services, vehicle rescue services, police stations and emergency contacts during road accidents.

## KEY Aspects for coders to include:

- Nearest Police Station, hospitals, ambulance services
- Towing services, nearest puncture shops, and showrooms
- Global applicability across countries
- Offline functionality and robustness in low-network conditions

## Evaluation Criteria

- Reliability and data accuracy
- Number of contacts fetched
- Offline functionality
- Innovation & additional features
- Information integration across countries

## Eligibility Criteria:

- All students, engineers, and problem solvers enthusiastic about ethics in technology are eligible to participate. No professional qualifications are necessary.

## Team Composition:

- Participation is open to individuals as well as teams.
- There is no restriction on the number of participants in a team; individuals or groups of any size may take part in the hackathon.

## Awards:

The winners will receive the following cash prizes, and all participants who successfully clear Stage 1 and submit their entries will be awarded a participation certificate. Selected participants may also have the opportunity to receive job or internship offers.

- **1st Prize - ₹ 50,000**
- **2nd Prize - ₹ 30,000**
- **3rd Prize - ₹ 20,000**

## Competition Timelines:

- Registration and submissions open on 11th March 2026
- Registrations ends by 15th April 2026
- Submissions close on 31st May 2026

## Stage 1:

- Participants/ Teams can submit their solutions through code in any programming language of their choice.
- They are also required to submit a presentation consisting of 7 slides, including “Welcome” and “Thank you” explaining their solution.
- The participants need to share the entire code and relevant details like the list of software packages used and assumptions as a word document.
- Participants and teams alike can make only one submission.
- A team can make only one submission out of the 3-topic explained above.

## Stage 2:

Shortlisted teams will present their solution to a live jury at the IIT Madras campus. The exact date and schedule of the presentation will be intimated to the qualifying teams

## Organizing Committee

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Convenor, IIC

**Dr. Nidhi Jain**  
Member, IIC

**Mrs. Vijay Barkade**  
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**JSPM's**  
**Rajarshi Shahu College of Engineering**  
( An Autonomous Institute )



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**RAJARSHI SHAHU COLLEGE OF ENGINEERING**



Address : JSPM's Rajarshi Shahu College of Engineering Ashok Nagar,  
Tathawade, Pimpri-Chinchwad, Pune, Maharashtra 411033.

