Electric vehicles (EVs) are an upcoming trend in India and a major factor towards the Sustainable Development Goals. Many countries are developing policy level interventions to enhance the share of EVs in day to day commute. However, in the recent past, a number of fire accidents involving EVs (especially 2 wheelers) have taken place.

In order to understand and mitigate issues related to EV fire safety in a holistic manner, the Centre for Safety Engineering (CSE), IIT Gandhinagar is announcing a competition on “Engineering Challenges in EV Safety”. The overall objectives of the competition will be achieved in multiple stages. This announcement is for the first stage of the competition.

Scope of first stage of competition: The objective of the first stage is to carry out detailed documentation and literature review on the subject matter. The participants will be expected to document recent EV fires, carry out an analytical review of the existing research and technology literature, and present a critical review of EV fire safety.

**Deliverables**

- Fires involving EV Vehicle worldwide
- Risk concerns - two vs four wheelers
- Charging stations - suppliers
- Region wise break up on fires
- Correlation of technology with published research literature

This is a Team event. Min 3 & Max 5 participants allowed
Please Scan QR code to register your team.

**REGISTRATIONS**
OPEN FROM: 1ST MAY 2022 10:00 AM
UNTIL: 10TH MAY 2022 06:00 PM

**SUBMISSIONS**
After closing date of Registration, Team leader will receive a link to upload the Report & Presentation slides on the deliverables. Last Date of Submission: 30th May, 2022

**RESULT**
The Result will be declared online on 30th June 2022 at https://safety.iitgn.ac.in/

**PRIZE MONEY**

- **WINNER** ₹1,00,000
- **1st RUNNER UP** ₹50,000
- **2nd RUNNER UP** ₹25,000

Participants who fulfil the minimum criteria will be given Participation Certificate

----------------------------- Only college students are eligible for the competition -----------------------------

For any queries, please write to safety@iitgn.ac.in