



NATIONAL SCIENCE DAY 2025



Focal Theme: “Empowering India Youth for Global Leadership in Science & Innovation for Viksit Bharat ”

Competition Details

SHORT REEL CHALLENGE

1. Theme & Content :

The reel should showcase the scientific reasoning behind traditional practices followed by Khasi, Jaintia, and Garo communities.

2. Duration & Format:

- Reel should be between 30 to 60 seconds long.
- Must be in vertical format (9:16) with a minimum resolution of 720p.
- Language: Khasi, Jaintia, Garo, or English (with subtitles if necessary).
- Clear audio and video quality are essential.

3. Submission Process

- Submit the video via the provided registration form.
- Deadline for submission: 3rd March

4. Prizes & Recognition

- Winners will receive exciting cash prizes for most creative video, best scientific explanation, and most engaging reel.

5. General Rules

- The content must be original—no plagiarism or uncredited use of copyrighted material.
- Any offensive, misleading, or inappropriate content will lead to disqualification.
- By participating, you grant the organizers the right to use your reel for promotional purposes.

ENGINEERING MARVEL CONTEST

1. Theme & Content :

- Unleash Your Creativity by showcasing engineering project in the form of Engineering models, prototypes, concepts, assistive systems etc.
- Simple grassroots innovative ideas that are application to everyday solution.
- Inspire the Next Generation of Engineers & Innovators

2. Suggestive Engineering concepts covering:

- Renewable Energy Solutions**
Showcasing energy innovations like solar, wind, and hydropower
- Robotics & Automation**
Bring to life automation systems and robotics that solve real-world problems
- Environmental Sustainability**
Create models for waste management, pollution control, and sustainability
- Smart Technologies & IoT**
Build models integrating smart devices, sensors, and the Internet of Things
- Mechanical Engineering Wonders**
Showcase mechanical systems like gears, levers, and hydraulics in action
- Electrical & Electronics Innovations**
Create working models involving electrical circuits, signals, and energy solutions
- Transportation and Mobility**
Innovations in electric vehicles, autonomous transport, and sustainable mobility

3. Eligibility:

- Open to general citizen of All Ages
- Individuals or Teams (Max 2 members)

4. Judging Criteria:

- Creativity & Originality
- Technical Functionality & Innovation
- Real-world Applications & Impact
- Environmental Sustainability