United 2026: A Digital Poster Presentation Competition on Rashtriya Ekta Diwas



25th Nov 2026
2:00 PM to 4:00 PM
One Day
All First year B.E students
Acharya Campus

REGISTER NOW

United 900+ Interested

I'm Interested

About Program

U.N.I.T.E.D. - 2026 is a Digital Poster Presentation Competition specifically planned for first-year engineering students to celebrate Rashtriya Ekta Diwas (National Unity Day), honoring the legacy of Sardar Vallabhbhai Patel.

The event serves as a vital bridge between foundational engineering disciplines and national integration, encouraging young minds to explore how technological advancements from synchronized power grids and resilient transport corridors to secure digital infrastructure and AI-driven cross-lingual translation act as the silent backbone of a cohesive nation.

By challenging students to apply their core branch principles to real-world connectivity, security, and infrastructure challenges, the competition highlights that modern engineering is not merely about technical innovation, but fundamentally about building an integrated, resilient, and self-reliant India. Through this platform, participants gain invaluable experience in transforming complex technical concepts into high-impact visual stories, refining their technical pitching skills, and realizing their role as future engineers dedicated to driving inclusive national growth.

Objectives of the Program

- To apply the core engineering concepts to build nation uniting tech-solutions.
- To sharpen visual design and timed technical pitching skills.
- To understand the role of engineers in building a unified and self-reliant nation.

Guidelines for Participants

Students can participate individually or in groups. Groups can consist of up to 5 participants. Cross-branch collaboration within first-year engineering is encouraged.

Shortlisting & Presentation

- Submitted posters will undergo preliminary screening based on Theme Integration and Technical Clarity (mentioned in the Evaluation Rubric).
- Selected teams will be notified and invited to present their digital posters live before the evaluation panel on 25th November 2026.

Topics for Poster Presentation

- **Unified Digital Borders**: Securing India's critical national infrastructure, CERT-In frameworks, and multi-layered data protection.
- **Data-Driven Integration**: Leveraging NLP models (e.g., Bhashini) to bridge linguistic barriers across regional states.
- **Mechanisms of Mobility**: Standardized rail switching, automated freight handling, and interoperable public transit systems.
- **One Nation, One Grid**: Synchronizing regional power grids, renewable energy integration, and frequency load balancing.
- **Corridors of Connection**: Mega-bridges, mountain tunnels, and expressways connecting remote regions to the mainland.
- **Skies Without Boundaries**: Satellite navigation (NavIC) and unified air traffic control connecting islands and border regions.
- **Unified Public Health**: Cold-chain engineering, vaccine logistics, and genomic surveillance networks across diverse terrains.

Evaluation Rubric (Total: 100 Marks)

- **Theme Integration (25 Marks)**: Relevance of the technical solution to national unity and integration.
- **Technical Depth & Clarity (25 Marks)**: Application of engineering concepts and logical problem-solving.
- **Poster Design & Visual Layout (25 Marks)**: Clarity, visual hierarchy, absence of clutter, and effective diagrammatic representation.
- **Communication & Query Handling (25 Marks)**: Presentation, time management within the 10-minute window, and confidence during the 2-minute Q&A.

Committee Members

Advisory Committee

- Dr. C K Marigowda, Principal, AIT
- Dr. Rajanna K R, Dean- Students Affairs, AIT
- Dr. Mahesh S.S, Head of Administrations - First Year, AIT
- Dr. Satish K, Head of Academics – First Year, AIT

Convener

- Dr. Kavyashree D, Assoc. Professor and Head, Dept. of Physics, AIT
- Dr. Sanman Shiva Kumar, Assoc. Professor, Dept. of Mechanical Engineering, AIT
- Dr. Tejaskumar R, Asst. Professor, Dept. of Mathematics, AIT

Coordinator

- Dr. Manoj S P, Assistant Professor, Dept. of Physics, AIT
- Dr. Nikesh Thakur, Assistant Professor, Dept. of Physics, AIT
- Dr. Sarveshachandra S, Assistant Professor, Dept. of Physics, AIT

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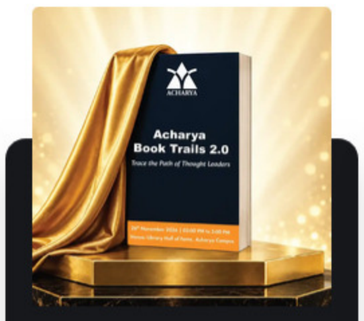
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Acharya Institute Of Technology

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LOCATE US

Event Coordinator

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