

INSTITUTION'S INNOVATION COUNCIL (IIC)

Activity Report

Project Expo 2026 – "Innovation to Impact"

Organized by: Electrical Engineering Department, Government Engineering College, Bhuj

Date: 04 May 2026 | Mode: Offline | Venue: Room No. 212 (A, C, D) EED

1. Session Details

Title: Project Expo 2026 – Innovation to Impact

Activity Category: Self Driven Activity

Theme: Innovation

Activity Led by: Electrical Engineering Department, Government Engineering College, Bhuj

Duration: Approximately 4 Hours

2. Objective of the Activity

The Project Expo 2026 was conceived as a departmental initiative to promote innovation, application-oriented learning, and multidisciplinary problem solving among undergraduate students. The primary objective was to provide students with a professional platform to demonstrate the practical implementation of engineering concepts through innovative projects, technical posters, and working models. The event encouraged students to transform classroom knowledge into functional solutions addressing industrial, social, and technological challenges. It further aimed to strengthen analytical thinking, design capability, teamwork, technical communication, and entrepreneurial awareness while cultivating an innovation-driven academic ecosystem in alignment with the objectives of the Institution's Innovation Council (IIC) and the Student Startup and Innovation Policy (SSIP).

3. Brief Description of the Activity

The Electrical Engineering Department, Government Engineering College, Bhuj, successfully organized Project Expo 2026 under the theme 'Innovation to Impact'. The event commenced with an introduction emphasizing the importance of innovation, design thinking, and outcome-based engineering education. Students presented their projects through working prototypes, technical posters, and live demonstrations before faculty members and evaluators. The exhibition featured projects related to power systems, power electronics, renewable energy, industrial automation, electrical safety, smart energy systems, and embedded applications. Each team explained the problem statement, objectives, methodology, design process, implementation, testing, results, and potential societal or industrial impact of their work. Faculty members evaluated the projects based on

originality, technical depth, feasibility, presentation quality, and innovation. A total of 102 students actively participated in the event, demonstrating enthusiasm, creativity, and engineering competence. The interactive discussions and technical feedback enabled participants to refine their ideas and appreciate the importance of translating innovative concepts into practical solutions capable of creating measurable impact.

4. Participant Details

- Student Participants: 102
- Teaching/Non-Teaching Staff: Faculty Members of the Electrical Engineering Department
- External Participants: Nil

5. Key Highlights

- 102 students actively showcased innovative engineering projects.
- Working models, technical posters, and live demonstrations enhanced experiential learning.
- Projects focused on practical solutions with industrial and societal relevance.
- Faculty members conducted technical evaluation and mentoring.
- Students strengthened presentation, communication, teamwork, and problem-solving skills.
- The event promoted innovation and prototype development aligned with IIC objectives.
- Knowledge sharing among participants encouraged interdisciplinary learning.

6. Outcomes of the Activity

The Project Expo successfully fostered an innovation-oriented culture within the department. Students gained practical exposure in prototype development, technical documentation, project presentation, and engineering design validation. The event enhanced confidence, teamwork, and communication skills while encouraging participants to identify opportunities for technology development, intellectual property generation, and entrepreneurship. The activity also strengthened the institute's efforts toward developing an innovation ecosystem through experiential learning and industry-relevant project development.

7. Participant Feedback

- The expo provided an excellent opportunity to present innovative ideas before faculty members.
- The technical discussions helped improve the quality and applicability of our projects.
- The event motivated us to pursue further innovation and real-world problem solving.

8. Organizing Team

Planning and Coordination – Prof. G. V. Bhatt

Prof. K. M. Patel, Prof. K. A. Sonagra, Prof. N.H. Adroja, Prof. B. D Patel, Prof. R.K.Patel- Student Performance Evaluation

Registration and Event Management – Students from Dept. Innovation Club

9. Photographs

