

Gyanmanjari Institute of Technology Bhavnagar

Report on Report on

PAHEL 1.0

(Min. Tech.-Manjari Event)

Date: 25/09/2025

Time: 10:00 To 4:00 PM

Venue : GF-28

No. of Student	16
Department	Electrical Engineering
Discipline	Diploma
Semester	1 st & 3 rd & 5 th
Faculty Co-Ordinator	Prof. Jaydipsinh K. Parmar Prof. Sahl Pinjni

Introduction

The Department of Electrical and Electronics & Communication Engineering organized **Mini Tech. Manjari – Pahel 1.0** as a platform for students to exhibit their creativity, technical knowledge, and innovative ideas. The event aimed to encourage young engineers to move beyond classroom learning and apply their concepts to solve real-world challenges. It provided an excellent opportunity for students to showcase their technical competence, teamwork, and presentation skills.

Objectives

- ❑ To promote innovation and creativity among students through project-based learning.
- ❑ To motivate students to develop **socially impactful and technically relevant projects**.
- ❑ To enhance practical application of engineering knowledge and problem-solving ability.
- ❑ To foster teamwork, communication, and presentation skills in a professional environment.

About the Activity

Mini Techmanjari – Pahel 1.0 witnessed enthusiastic participation from students of both Electrical and EC branches. They designed and presented projects that combined **technical innovation with social relevance**.

Some of the highlighted projects included:

- **IoT-based home and industrial monitoring systems** for improved safety and efficiency.
- **Automatic energy-saving street lighting systems** to promote sustainability.
- **Renewable energy-based smart power solutions** to address energy challenges.
- **Safety alert and monitoring devices** for accident prevention.
- **Assistive technology tools** designed for differently-abled individuals.

The activity served as a platform for peer-to-peer learning, knowledge sharing, and technical discussions, making it a vibrant and engaging event.

Outcomes

- Students gained practical exposure in designing and implementing engineering projects.
- Development of teamwork, leadership, and problem-solving skills.
- Increased awareness about creating **technology-driven solutions for societal needs**.
- Improved communication and presentation skills through project demonstrations.
- Motivation among students to pursue **innovation and research-oriented learning**.

Conclusion

The *Mini Techmanjari – Pahel 1.0* event was a remarkable success, providing a stage for students to showcase their talent and innovative mindset. By working on projects that carried both **technical depth and social impact**, the students demonstrated their ability to contribute meaningfully to

society. The event inspired participants to think creatively, innovate responsibly, and prepare themselves as future-ready engineers.

Photographs



TPA Coordinator

Head of Department