



MALLA REDDY COLLEGE ENGINEERING

(Approved by AICTE, Affiliated to JNTUH, Accredited by NBA)
Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.
Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

REPORT

On

Industry Visit

To

“Annapurna Electronics”

In association with PRISM_ECE

On

10-11-2025



MALLA REDDY COLLEGE ENGINEERING

(Approved by AICTE, Affiliated to JNTUH, Accredited by NBA)
Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.
Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100



Organized by: Department of Electronics and Communication Engineering (ECE)

In Association with: PRISM

Date: 10th November 2025

Time: 10:30 AM–3:00 PM

Target Audience: II Year Students (40 Students)

Introduction

The Department of Electronics and Communication Engineering, in collaboration with the PRISM Club, organized an **Industry Visit to Annapurna Electronics on 10th November 2025**. The visit aimed to provide students with practical exposure to real-time electronic component manufacturing, testing, and assembly processes. This initiative was part of the department's continuous efforts to bridge the gap between theoretical knowledge and industrial practices.

Objective of the Visit

- To familiarize students with the design, fabrication, and testing of electronic devices.
- To understand the workflow in an electronic manufacturing and quality control environment.
- To enhance students' technical knowledge related to electronic circuits, PCB design, and automation systems.
- To encourage interaction between students and industry professionals for future learning and internship opportunities.

Details of the Visit

A total of **40 students** accompanied by **faculty members** from the ECE Department participated in the visit. The industrial experts at Annapurna Electronics conducted an informative session covering:



MALLA REDDY COLLEGE ENGINEERING

(Approved by AICTE, Affiliated to JNTUH, Accredited by NBA)
Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.
Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100



- **Overview of electronic manufacturing processes**
- **Demonstration of PCB design and assembly line operations**
- **Quality assurance and testing methods**
- **Emerging trends in consumer and industrial electronics**

Students were also given a guided tour of various production units, including component assembly, soldering, and testing sections. The engineers interacted with students, addressing their queries regarding circuit design, automation integration, and industrial safety standards.





MALLA REDDY COLLEGE ENGINEERING

(Approved by AICTE, Affiliated to JNTUH, Accredited by NBA)
Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.
Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100



Key Learning's

- Gained insights into **end-to-end electronic product development**.
- Understood the importance of **precision and quality control** in manufacturing.
- Learned about the **role of automation and embedded systems** in improving production efficiency.
- Observed practical applications of concepts like **signal processing, control systems, and microcontrollers**.





MALLA REDDY COLLEGE ENGINEERING

(Approved by AICTE, Affiliated to JNTUH, Accredited by NBA)

Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.

Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100



Outcomes of the Visit

- Enhanced Practical Knowledge:** Students developed a deeper understanding of real-time industrial applications of electronic systems.
- Industry–Academia Interaction:** The visit fostered professional connections that may lead to internships and collaborative projects.
- Skill Development:** Exposure to modern tools and techniques improved students' readiness for industrial environments.
- Motivation for Innovation:** The experience inspired students to engage in design-based learning and product development activities.
- Curriculum Reinforcement:** The visit complemented academic subjects such as Electronic Devices, Embedded Systems, and VLSI Design.





MALLA REDDY COLLEGE ENGINEERING

(Approved by AICTE, Affiliated to JNTUH, Accredited by NBA)

Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.

Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100



Conclusion

The industrial visit to **Annapurna Electronics** was an enriching experience that significantly contributed to the practical learning of ECE students. It provided valuable insights into current industrial practices and motivated students to align their academic learning with industry expectations. The Department extends sincere thanks to the management of Annapurna Electronics and the PRISM Club for their coordination and support in making this visit a success.

Co-Ordinator
Mr. G Malyadri

HOD
Dr Pattem Sampath Kumar

PRINCIPAL
Dr. M Ashok



MALLA REDDY COLLEGE ENGINEERING

(Approved by AICTE, Affiliated to JNTUH, Accredited by NBA)

Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.

Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100



Institution

Vision

- To emerge as a Center of Excellence for producing professionals who shall be the leaders in technology innovation, entrepreneurship, management and in turn contribute for advancement of society and human kind.

Mission

- M1 : To provide an environment of learning in emerging technologies.
- M2 : To nurture a state of art teaching learning process and R&D culture.
- M3 : To foster networking with Alumni, Industry, Institutes of repute and other stakeholders for effective interaction.
- M4 : To practice and promote high standards of ethical values through societal commitment.

Vision

Department

- To become a center of excellence by producing high quality, self motivated, creative, ethical engineers and technologists contributing effectively to industrial and societal needs.

Mission

- M1. To impart state of art value based engineering education with relevant practical knowledge.
- M2. To enable students to develop skills by the usage of modern tools through team work which enhances the entrepreneur skills, employability and multi disciplinary activities.
- M3. To provide all possible support to promote research and development and to adept them for higher education.
- M4. To practice high standards of ethical values through societal commitment.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Organizes Industry Visit to Annapurna Electronics

In Association with

PRISM CLUB

MALLA REDDY COLLEGE OF ENGINEERING

(Approved by AICTE-New Delhi, Affiliated to JNTUH-Hyderabad)

Recognised under Section 2(f) & 12(B) of the UGC Act 1956, An ISO 9001:2015 Certified Institution.

Maisammaguda, Dhulapally, post via Kompally, Secunderabad - 500100

