



MAEER's

MIT COLLEGE OF RAILWAY ENGINEERING AND RESEARCH

BARSHI-413401

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

AY : 2025-26

Industrial Visit Report

Class: SY Btech

Semester: IV

Date: 04 /03/2026

Course: Analog Integrated Circuit & PCB Design

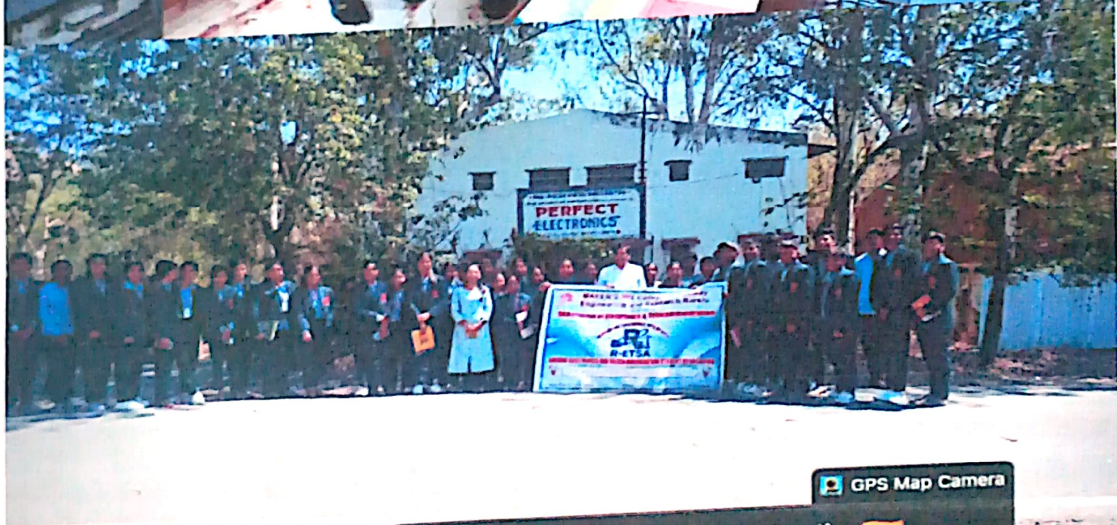
Industry: Perfect Electronics & GMRT Pune
Address: Wai MIDC, Wai.**Objective:**

- **Understanding Practical Implementation of Analog Circuits**
To observe how concepts of analog integrated circuits such as amplifiers, oscillators, and filters are implemented in real industrial applications.
- **Exposure to Electronic Manufacturing Processes**
To study PCB design, fabrication, soldering, and assembly processes used in electronic product manufacturing.
- **Familiarization with Testing & Measurement Techniques**
To understand the use of instruments like oscilloscopes, signal generators, and multimeters in circuit testing and troubleshooting.
- **Knowledge of IC Components and Applications**
To identify different analog ICs and their applications in industrial electronic systems.

Report:

- **Company Name:** Perfect Electronics, GMRT Pune
- **Location:** Wai MIDC & Narayangaon, Pune.
- **Date of Visit:** [27/02/2026]
- **Class:** Second Year (S.Y.) E&TC Engineering
- **Total Students:** [39]
- **Faculty Accompanying:** [Prof.Mali D.G(HOD), Prof.Raut S.R.,
Prof.Ghadage P.G., Mrs.Hajare S.R]

Photos:



GPS Map Camera

Bopardi, Maharashtra, India

115, M.I.D.C - Mandhardevi Road, Maharashtra Industrial Development Corporation, Bopardi, Maharashtra 412803, India

Lat 17.980588° Long 73.891155°

Friday, 03/09/2022 12:12 PM GMT+05:30

Google



**Outcome:****• Enhanced Conceptual Understanding**

Students gained better clarity on analog circuit concepts through real-life industrial applications.

• Improved Practical Knowledge

Understanding of PCB assembly, circuit design, and testing processes was strengthened.

• Hands-on Exposure to Instruments

Students became familiar with electronic testing and measurement tools used in industry.

• Knowledge of Industrial Components

Ability to identify and understand the working of various analog ICs and components.

• Understanding of Quality Standards

Students learned about quality assurance techniques and industry standards.

• Increased Safety Awareness

Gained knowledge about safety precautions and handling of electronic equipment.


Course Coordinator


Staff-Coordinator


HOD

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