

DEPARTMENT OF MECHANICAL ENGINEERING

Industrial Visit Report

Organization: Mahatma Gandhi Institute of Rural Energy and Development

Date of Visit: 25/04/2025

Location: 3J86+M5Q, Srirampura Cross, Rachenahalli, Jakkuru, Bengaluru, Karnataka-560064

Department: Mechanical Engineering

Attendees: 4th and 6th Semester Students

Accompanied by: Dr. Nagabhushana N and Prof. Ravikumar M

Duration: 09:30 AM - 04:30 PM

1. Objective of the Visit

Understand and explore sustainable and renewable energy solutions, rural development technologies, and energy conservation practices aimed at empowering rural communities. This visit helped students gain practical insights into the implementation of rural energy programs, green technologies, and policies that promote self-sufficiency and environmental sustainability in rural areas.

2. Company Overview

The **Mahatma Gandhi Institute of Rural Energy and Development (MGIRED)**, located in Bengaluru, Karnataka, was established in the year 2000 with the support of the Ministry of New and Renewable Energy (MNRE), Government of India, and the Rural Development and Panchayat Raj Department, Government of Karnataka. Its primary aim is to serve as a center for capacity building and awareness programs in rural energy and sustainable development, catering to Karnataka and neighboring southern states such as Andhra Pradesh, Telangana, Tamil Nadu, Kerala, and the Union Territory of Puducherry.

3. Key Areas of Focus During the Visit

The following are the Key Areas of Focus During the Visit to the Mahatma Gandhi Institute of Rural Energy and Development (MGIRED):

- **Renewable Energy Technologies**
- **Energy Conservation and Management**
- **Skill Development and Training Programs**
- **Sustainable Rural Development**
- **Environmental Protection Initiatives**
- **Research and Demonstration Units**
- **Government Policies and Programs**

4. Key Learnings

During the visit to MGIRED, we learned about renewable energy technologies, energy conservation techniques, and sustainable rural development practices. We gained insights into government initiatives, skill development programs, and the importance of environmental protection. The visit highlighted how innovative energy solutions can empower rural communities and promote eco-friendly living.

5. Student Feedback

The visit to MGIRED was highly informative and inspiring. Students appreciated the hands-on demonstrations of renewable energy technologies and the interactive sessions on rural development. The exposure to real-world sustainable practices deepened their understanding and sparked interest in energy conservation and rural innovation. Overall, it was an enriching experience.

6. Conclusion

The industrial visit to MGIRED provided valuable insights into renewable energy, rural development, and sustainable practices. It enhanced our practical knowledge and understanding of real-world applications of green technologies. The experience emphasized the importance of innovation, energy conservation, and community empowerment in shaping a sustainable and self-reliant rural future.



Department of Mechanical Engineering

Industrial Visit

📍 **Mahatma Gandhi Institute of
Rural Energy and Development**
Srirampura Cross, Rachenahalli, Jakkuru,
Bengaluru, Karnataka 560064

📅 25 April 2025

🕒 10:00AM - 03:00PM

🌸 4th & 6th Semester Students

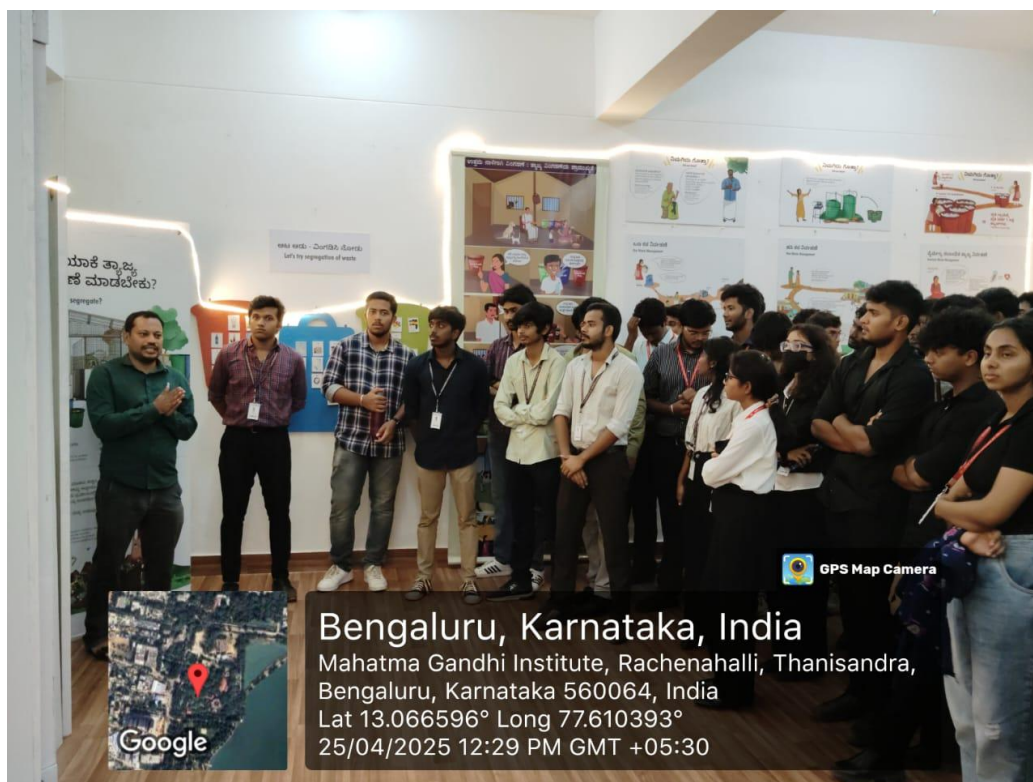


Faculty Coordinators
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Senior Assistant Professor
Dr. Sudarshan T A
Senior Assistant Professor

Industrial Visit Coordinator
Dr. Nagabhushana N
Senior Assistant Professor

Convenor
Prof. Rakesh C
HOD-ME

Industrial Visit Poster





Glimpse of the Industrial Visit