



**NEW HORIZON**  
**COLLEGE OF ENGINEERING**

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## **Department of Artificial Intelligence & Machine Learning**

### **Industrial Visit to Mahatma Gandhi Institute of Rural Energy and Development, Bengaluru.**

#### **Event Description:**

Department of AI & ML, NHCE have taken an initiative to organize an industrial visit to “**Mahatma Gandhi Institute of Rural Energy and Development, Bengaluru**”

**Date:** 5th May 2026

**Time:** 10:00 am - 4:00 pm

Number of students – 60

#### **Introduction**

The students of the Department of Artificial Intelligence and Machine Learning (AIML), 60 students from IV Semester, undertook an industrial visit to the Mahatma Gandhi Institute of Rural Energy and Development (MGIRED) on 5th May from 10:00 AM to 4:00 PM. The objective of the visit was to provide experiential learning exposure to students in the domains of rural energy systems, sustainable development practices, and real-world applications of renewable energy technologies. The visit aimed to bridge the gap between theoretical concepts taught in the classroom and their practical implementation in rural development initiatives.

#### **Visit Details and Learning Outcomes**

During the visit, students were introduced to various renewable energy systems and rural development initiatives undertaken by the institute. Experts from the organization explained the functioning of solar energy systems, biogas plants, energy conservation methods, and sustainable rural electrification models. Students gained insights into how technology can be effectively utilized to address energy challenges in rural areas. The interactive sessions allowed students to clarify their doubts and understand the interdisciplinary nature of energy, sustainability, and data-driven decision-making in rural development contexts.

#### **Impact Analysis**

The industrial visit had a significant academic and developmental impact on the students. It enhanced their understanding of the practical applications of engineering concepts beyond the

field of Artificial Intelligence and Machine Learning. Students developed awareness regarding sustainable energy solutions and their role in nation-building and rural upliftment. The exposure also encouraged systems thinking, problem-solving skills, and interdisciplinary learning. Furthermore, the visit motivated students to explore innovative AI-driven solutions for energy optimization and rural development challenges, thereby aligning with national priorities such as sustainability and digital transformation.

### Conclusion

The industrial visit to MGIRED proved to be highly beneficial in enriching the academic experience of the students. It successfully complemented classroom learning with real-world exposure, thereby strengthening their conceptual understanding and professional outlook. Such initiatives are instrumental in promoting holistic education and preparing students for industry and societal challenges.

### Photos





Industrial Visit Coordinator

HOD-AIML