



**NEW HORIZON  
COLLEGE OF ENGINEERING**

Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC  
Accredited by NAAC with 'A' Grade, Accredited by NBA

**DEPARTMENT OF MECHANICAL ENGINEERING**

*Academic Year: 2022-23*

**REPORT ON INDUSTRIAL VISIT CONDUCTED ON  
11 AUGUST 2023**

**Date:** 11th August 2023

**Day :** Monday

**Accompanied By:** Prof. Rajesh A and Dr. Bopanna K D

**Venue :** Mahatma Gandhi Institute of Rural Energy and Development (MGIRED)

The Department of Mechanical Engineering had organized an Industrial Visit to Mahatma Gandhi Institute of Rural Energy and Development for the students. In the morning, at 8:45 am, the students were made to travel towards the destination-Mahatma Gandhi Institute of Rural Energy and Development (MGIRED) by means of transport arranged by the college, which is based at Srirampura Cross, Rachenahalli, Jakkuru, Bengaluru.

After reaching there , the students were instructed to assemble at an addressing hall. Initially, a small celebration of the world Biodiesel day took place by lighting a solar powered lamp and the Head and the Executive Director of the institute addressed the students. One of the inhouse faculty, Dr.Ashwini explained about MGIRED & its activities. Thereafter Dr. Rajesh explained about various sources for production of Biodiesel. He also explained about the seeds, their availability & also about their cultivation conditions. After the presentation, both the members answered a few questions from the students & afterwards they gave a guided tour of the institute and its surroundings, which showcased the renewable methods by which their institute was functioning and how the same methods can be implemented using renewable energy in daily life. The lunch was graciously arranged by the institute.

After lunch, the students were given an opportunity to do noble work of planting a couple of trees in their Rangoli garden premises, which finished by around 2:30 PM. The students went to their Biofuel plant, accompanied by Dr. Ashwini, they were explained each stage of the Biofuel generation process. The students asked the doubts they had to which she replied graciously. After the faculties and students thanked Dr. Ashwini, The industrial visit concluded and we travelled back to our college.



Group Photo of students with faculties Prof. Rajesh A and Dr. Bopanna K D at MGIRED.



Lamp lighting ceremony with Institute Head and Executive Director to start the visit address.



Dr. Ashwini of MGIRED addressing the students.



Students having lunch provided by the institute.



Visit at the Biofuel plant



Tree Plantation.



Students in Bus on the way back to college.