



NEW HORIZON COLLEGE OF ENGINEERING

AUTONOMOUS COLLEGE Permanently Affiliated to VTU, Approved by AICTE & UGC
Accredited by NAAC with 'A' Grade

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING



GREEN ENERGY CLUB

“INDUSTRIAL VISIT”

Date:- 22-04-2022.

Venue:- Mithradham Renewable Energy center, Kerala.

FACULTY COORDINATOR



Mr Vinod Kumar S

OBJECTIVE

The main objective of this industrial visit was exemplary demonstration of integration of theory and practice in environment friendly technologies, along with development of job- oriented courses and programs in renewable energy sector, promotion of small-scale industries for installation, investigation, and innovation of renewable technologies.

NEW HORIZON COLLEGE OF ENGINEERING
New Horizon Knowledge Park, Ring Road, Marathalli
Autonomous College Permanently Affiliated to VTU, Approved by AICTE & UGC
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DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING

GREEN ENERGY CLUB

Presents
INDUSTRIAL VISIT

Date: 22 APRIL 2022
Time: 9:00 AM

Google Form link:
<https://forms.gle/4L2RSqa16tpQdRdd6>

CONVENOR:
Dr MAHESH M
(HOD-EEE)

FACULTY COORDINATOR:
Mr VINOD KUMAR S

PRESIDENT:
BINDHU V

EVENT COORDINATORS:
YASHVANTHA P (7204970455)
MEGHANA S (9480171134)

THE FIRST FULLY RENEWABLE ENERGY POWERED
EDUCATIONAL INSTITUTION
IN INDIA

INTRODUCTION

Green energy club, Department of Electrical and Electronics Engineering, NHCE had organized an industrial visit on April 22nd 2022 at Mithradham Renewable energy center located at Aluva, Kerala. This Industrial visit was conducted for all the students of EEE department belonging to 4th and 6th semesters. This visit was organized with the prior permission of Dr. M Mahesh, HoD - EEE Department. Mr. Vinod Kumar S and Dr. Gunapriya were the faculty coordinators for the industrial visit. Yashvantha P and Santhosh Melvin D were the students coordinators.

This visit focused on encouraging students towards usage of renewable energy sources, along with providing them the necessary information regarding the installation and setup of a completely renewable powered industry.



ABOUT THE INDUSTRY

Mithradham is India's first completely renewable energy powered institution. The industry focuses on training students/professionals to set up their own completely renewable power plants or industries. They provide extensive training to professionals on solar power generation and encourage them to transform their homes and industries to a renewable system.





INSIGHTS GAINED FROM THE VISIT

1. Different setup and types of Solar panels and methods of generation were demonstrated to the students.
2. Proper utilization procedures were explained and students were able to choose the necessary types of solar panels as per the requirements.
3. Students realized the need for renewable energy sources.
4. Various career opportunities in the field of renewable energies were explained.



CAREER OPPORTUNITIES THROUGH MITHRADHAM

1. Mithradham provides a 5 day training on setting up solar power plants for small scale and large scale industrial purposes - **National training program on Solar Photovoltaics**. Students can apply to this program through their official website - [Renewable Energy Centre, Mithradham](#)
2. They also provide placement opportunities to skilled students and professionals in industries well versed in renewable technologies.
3. Students can also work as an intern at Mithradham - **Internship on Solar Photovoltaics**. This can also be applied through their official website - [Renewable Energy Centre, Mithradham](#)

CONCLUSION

The students of Electrical and Electronics Engineering department, NHCE are grateful to the HoD and faculty for providing such an opportunity. This visit has helped them gain sufficient knowledge on the types of solar power plants and methods of generation. The students also received career guidance in the domain of renewable technologies.

This visit has further built an interest in students for research in the renewable sector and many students have taken up an initiative to build projects completely powered by solar energy.



REPORT BY:

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THANK YOU