



KSSEM
K.S. SCHOOL OF ENGINEERING AND MANAGEMENT

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**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

A Report on Industrial Visit-MGIRED, Jakkur(Bangalore)

Department of Electronics and Communication Engineering along with IEEE Student branch have organized an industrial Visit to Mahatma Gandhi Institute of Rural Energy and Development, Jakkur, Bangalore for the VI-semester students on 11/07/2024. The faculties Dr. Arun Kumar. M, Mrs. Bhargavi Sangam and Mrs. Deepa R Bhangi accompanied the students during the visit to Jakkur.

AIM of Industrial Visit:

Industrial visit is considered one of the tactical methods of teaching. The main reason behind this- it lets the student know things practically through interaction, working methods, and employment practices. Moreover, it gives exposure from an academic point of view.

The main aim of industrial visits is to provide exposure to students to the practical working environment. They also provide students with a good opportunity to gain full awareness of industrial practices. Through industrial visits, students get awareness about new technologies. Technology development is the main factor, of which students should have good knowledge.

Visiting different companies help students to build a good relationship with those companies. We know building a relationship with companies always will help us to gain a good job in the future. After visiting, industry students can gain a combined knowledge about both theory and practical. Students will be more concerned about earning a job after having an industrial visit.



Fig 1. Group photo which was taken before Industrial visit at KSSEM Campus



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Mahatma Gandhi Institute of Rural Energy and Development (MGIRED) Jakkur is established in the year 2000 with assistance of Ministry of New and Renewable Energy (MNRE), Government of India and the Rural Development & Panchayat Raj Dept., Government of Karnataka. The main objective was to have a unique Institution to carry out Capacity Building and Awareness Programs in the areas of Rural Energy and Sustainable Rural Development which will cater to the needs of Karnataka and neighboring southern states namely Andhra Pradesh, Telangana, Tamil Nadu, Kerala and Union Territory Pondicherry.

Firstly, they introduced about the role of MGIRED in creating awareness regarding solar power generation, Rain water harvesting and solid waste management. The Institute also provide training for unemployed youths for solar panel installation. The first session was regarding solar power, and in this session they highlighted about the advantages of solar power, advantages of using LED bulbs as a power saving equipment. Then the students were taken to exhibition halls where various equipment's were kept in the display.

On the whole, this visit helped the students in gaining insights regarding solar power, rain water harvesting and solid waste management which is the need of the hour in the current contemporary context. We would like to whole heartedly thank the staff of MGIRED for guiding the students and providing good hospitality.



Fig.2: Interaction and explanation by experts about different types of solar panels.



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Fig.3: Group photo which was taken after Industrial visit at MGIRED

Industry Visited	MGIRED (Mahatma Gandhi Institute of Rural Energy and Development), Jakkur, Bangalore
Date	11 th July 2024
Transportation	Bus (One)
Students	Total of 45 students (SEM VI 'A' ECE)
Faculty Accompanied	Dr. Arun Kumar. M Mrs. Bhargavi Vijendra Sangam Mrs. Deepa R Bhangi
Department Industrial Visit Coordinator	Dr. Manu D K , Associate Professor, Dept. of ECE, KSSEM

**Signature of HoD,
ECE**