



LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING

(AUTONOMOUS)

Accredited by NAAC & NBA (CSE, IT, ECE, EEE & ME)

Approved by AICTE, New Delhi and Affiliated to JNTUK, Kakinada

L.B.Reddy Nagar, Mylavaram-521230, Krishna Dist, Andhra Pradesh, India

A.Y.2023-24

DEPARTMENT OF MECHANICAL ENGINEERING

ISHRAE STUDENT CHAPTER OF LBRCE

REPORT ON EVENT

“INDUSTRY VISIT TO MOHAN SPINTEX INDIA LIMITED, INDUSTRIAL PARK, MALLAVALLI”

Event Type : Industry Visit of ISHRAE Students from B. Tech-IV and VI Semester students to M/s Mohan Spintex India Limited, Industrial Park, Mallavalli

Date / Duration : 09th January 2024

Name of Industry : M/s Mohan Spintex India Limited, Industrial Park, Mallavalli

Faculty Accompanied : Mr.K.lakshmi Prasad & Mr. S.Uma Maheswar Reddy

Total no of students : 38

Objective of the event: To get exposure to the humidification plant, air conditioning, ventilation units

Outcome of event : Students acquired knowledge on different processes of making the yarn, spinning, weaving, dyeing, packing sections. In this process students visited the humidification plant, air conditioning, Ventilation units and understood the importance of each unit in getting the final product in the expected quality.

Description / Report on Event:

The total 38 number of B.Tech - IV Semester and VI semester Students who were taken the ISHRAE student membership under the ISHRAE student chapter of LBRCE run by the Department of Mechanical Engineering along with Co-ordinator accompanied by two faculty members visited M/s Mohan Spintex India Limited, Industrial Park, Mallavalli unit, Vijayawada on 09-01-2024, Tuesday. The main objective of the visit is to bridge the gap between industry and academia. This is a very large industry with an annual turn over of 1000 crores with four plants located in A.P. The unit in Mallavalli is the fourth unit of the company where all complete fabric is manufactured in different designs as per customer requirements.

After arriving the industry, the students were divided into two batches and they were taken to observe the making of yarn from the raw material, spinning section, weaving section, dyeing section, packing sections. In this process students also exposed to the humidification plant, air conditioning, ventilation units. The concerned technical staff explained neatly the step by step processes in each and every section to the student understanding level. They have taken the students to the water recycling plant, power plant run by rice husk, quality control and packing sections also. The students have also observed the different fabrics displayed in the unit got idea about different stages of manufacturing i.e., from raw material to end product. The staff also explained the importance of energy conservation aspects, best practices and environmental concerns to the students.

Feedback / Suggestions: The students felt very happy and they expressed that they have learnt a lot about the making of yarn from the raw material, spinning section, weaving section, dyeing section, packing sections, humidification plant, air conditioning, ventilation units. They have understood the importance of maintaining the required R.H value for obtaining quality product.

Photographs: The following are the photographs of Industrial Visit of ISHRAE Student members to M/s Mohan Spintex India Limited, Industrial Park, Mallavalli



Students listening to the instructions at weaving section given by staff of Mohan Spintex India Ltd, Mallavalli



Students listening to the PPT presentation by staff in the conference room at Mohan Spintex India Ltd, Mallavalli



Students listening to the staff of water treatment plant at Mohan Spintex India Ltd, Mallavalli



Students listening to the staff at threading section Mohan Spintex India Ltd, Mallavalli



Students listening to the instructions of staff at Mohan Spintex India Ltd, Mallavalli



Students listening to the instructions of staff at thread rolling section Mohan Spintex India Ltd, Mallavalli



Group Photo of Students at Mohan Spintex India Ltd, Mallavalli



Students are listening to PPT at Seminar hall at Mohan Spintex India Ltd, Mallavalli

ISHARE Student Chapter In-charge
(Dr.P.Vijaya Kumar)

HoD
(Dr.M.B.S.S.Reddy)