



Date: 20/06/2022

Event Report

Event: “Industrial visit to Central Manufacturing Technology Institute”

INTRODUCTION/OVERVIEW:

ECE Department faculty and 7th Sem students visited CMTI at Peenya Bangalore on Wednesday 30/11/2022. It was Co-ordinated by Mr. Naveen Kumar S Asst. prof. and Dr. Divya Lakshmi J Dept. of ECE.

Faculty members attended meeting during Industrial-visit

1. **Dr. Naganna gouda C Patil**
Prof, HOD Dept of ECE
2. **Dr. Divyalakshmi J**
Prof, HOD Dept of ECE
3. **Naveen Kumar S**
Assistant professor Dept of ECE

Delegates from CMTI present during visit

1. **Mr. Raghu, Librarian of CMTI**
2. **Ms. Amrutha, Project Fellow of CMTI**
3. **Mr. Rudra Murthy, Technical Assistant of CMTI**

We were accompanied by Raghu; he took us through the entire labs of CMTI and Ms. Amrutha and Mr. Rudra Murthy explained various Advanced machineries used in CMTI.

We are Thankful for the members of CMTI for their support to make the visit successful.

The detailed report of the event is given below.

OBJECTIVES:

The main objectives of this industrial visit are:

1. An opportunity for the students to interact with actual industry personals.
2. To make them aware of the machine equipment used in various fields of industries.
3. To prepare the students for the selection of carrier paths in different departments of industry.
4. To provide the knowledge of the current technical scenario of the industries to the students



SRI KRISHNA INSTITUTE OF TECHNOLOGY

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Department of Electronics and Communication Engineering

SUMMARY:

Central Manufacturing Technology Institute, CMTI, is a Research & Development organisation focusing on providing 'Technology Solutions' to the manufacturing sector and assisting technological growth in the country. CMTI plays a key role in applied research, design and development (RD&D), technology forecasting, assimilation and dissemination of manufacturing technology to Indian industries.

CMTI is a registered Government of India Society, an autonomous institution under the administrative control of the Ministry of Heavy Industries, Government of India, governed by a Governing Council which has representation from the machine tool manufacturing and user industries, the Union Government and the Government of Karnataka. The Governing Council evolves Policies and monitors policy deployment. A Research Advisory Board (RAB), a Technical Committee with representatives from industries and academia, assists the institute on matters relating to technology advancement.

The Stakeholders of CMTI are

- Government of India
- Industries at large in all sectors (both private and public) – specifically manufacturing and user industries.

CMTI over the last five decades developed Special Purpose Machines, Inspection Systems, Test Rigs for Qualification testing of products, Tooling, complex machined parts for public and private sectors. CMTI has continuously aligned its facilities and expertise with the fast-changing technology in thrust areas of manufacturing to support and serve the manufacturing sector. Nanotechnology, Precision engineering, Metrology (Micro and Nano), Additive Manufacturing, Mechatronics, Vision and Image processing, Digital Design and Human Resource Development (creating 'Industry Ready' engineers) are the current areas of focus of the Institute

This visit also showed how the industry could be a great career potential for Engineers. Altogether the visit was an enthralling experience for the students as well as for faculty.

OUTCOMES:

1. Students learnt the current scenario of machine technologies used in industries.
2. Students interacted with many industry professionals.
3. This visit helped the students to choose a right carrier path.

SCREENSHOTS/PICTURES:





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