



DHANALAKSHMI SRINIVASAN

COLLEGE OF ENGINEERING & TECHNOLOGY

Approved by AICTE, NEW DELHI | Affiliated to Anna University, Chennai.
ECR, MAMALLAPURAM, CHENGALPET DISTRICT

Accredited by NAAC & NBA for AERO, CSE, EEE, ECE, IT, MECH & MBA

ACADEMIC YEAR – 2024 – 2025 (ODD SEM) DEPARTMENT OF MECHANICAL ENGINEERING INDUSTRIAL VISIT – REPORT

Name of the Programme	:	Industrial Visit - Council of Scientific & Industrial Research (CSIR), Madras Complex, Taramani, Chennai
Date	:	26.09.2024
No. of Participants	:	31 Students + 1 Faculty

The Department of Mechanical Engineering arranged a Industrial Visit to **Council of Scientific & Industrial Research (CSIR), Madras Complex, Taramani, Chennai** on **26.09.2024**, with the **31 students in Second Year and Third Year**, B.E – Mechanical Engineering along with **1 faculty coordinator** (Mr.V.Porselvan/AP/MECH) of Department of Mechanical Engineering. We started travelling from the college campus at 11.00 am via our college bus. In order to get the practical knowledge about “advanced technology used in manufacturing industries and research areas” carried out by Council of Scientific & Industrial Research (CSIR).

About CSIR

The Council of Scientific & Industrial Research (CSIR), known for its cutting edge R&D knowledge base in diverse S&T areas, is a contemporary R&D organization. CSIR has a dynamic network of 37 national laboratories, 39 outreach centres, 1 Innovation Complexes, and three units with a pan-India presence.

CSIR’s R&D expertise and experience are embodied in about 3476 active Scientists supported by about 4000 technical and support personnel as of 31st March 2022.

CSIR covers a wide spectrum of science and technology – from oceanography, geophysics, chemicals, drugs, genomics, biotechnology and nanotechnology to mining, aeronautics, instrumentation, environmental engineering and information technology. It provides significant technological intervention in many areas concerning societal efforts, which include environment, health, drinking water, food, housing, energy, farm and non-farm sectors. Further, CSIR’s role in S&T human resource development is noteworthy.

GROUP OBSERVATION:

- This Industrial visit is very helpful in our future practical Life & bring a positive change in our thinking & practical behavior regarding Education & specializing our technical skills.

- Got practical knowledge about the advancement in technology of machines.
- Use of programming in field of Mechanical engineering.
- Students Visit the Structural Lab, Advanced Materials lab, Wind Engineering Laboratory
- Students gained insights into cutting-edge research in various fields such as **materials science, environmental engineering, and chemical processes**. They learned about real-world applications of scientific innovations, including **sustainable energy solutions and industrial technologies**. The visit also provided exposure to advanced laboratories, research techniques, and collaborative projects that bridge **science and industry**.

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