



SSM INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai, Accredited by NAAC)

(Accredited by NBA - EEE, ECE & Mech UG Programs)

Dindigul –Palani Highway, Dindigul-624002.

Department of Mechanical Engineering

Industrial Visit Report

Date of visit : 17.03.2023 (Friday)
Place of visit : Central Institute of petrochemicals Engineering and Technology-
Center for skilling and Technical Supports, Thiruvathavur, Madurai.
Year : II Year - Mechanical Engineering
Number students Visited : 39 Students

ABOUT CIPET: CSTS - MADURAI

Central Institute of Petrochemicals Engineering & Technology (CIPET) (formerly known as Central Institute of Plastics Engineering & Technology (CIPET)) was established in 1968 by Government of India with the assistance of United Nations Development Programme (UNDP). Today CIPET is a premier Academic institution for higher & technical education under the Ministry of Chemicals & Fertilizers, Govt. of India fully devoted in all the domains of plastics viz:- Design, CAD/CAM/CAE, Tooling & Mould Manufacturing, Production Engineering, Testing and Quality Assurance.

CIPET Centre in the state of Tamil Nadu was established at Madurai in the year 2010 to cater the need of Plastics industries in the Southern part of the Tamil Nadu. In the "Temple City" Madurai, CIPET is located in Thiruvathavur.

CIPET : CSTS - Madurai is an ISO 9001 : 2015 certified institution for its Academic and Technology Support Services and Product Testing Laboratory (PTL) is accredited by NABL for Quality Control and Testing of raw materials and products of plastics. CIPET : CSTS - Madurai is offering Technical Services in various disciplines of Design, Tooling, Processing, Testing & Inspection to the local Plastics Industries and playing a major role in the development of Plastic Industries in & around Tamil Nadu.

INTRODUCTION

As a part of industrial visit on 17.03.2023 second year mechanical engineering students of 39 numbers and faculty of 3 numbers visited the “**CIPET: CSTS, Thivathavur, Madurai**”. The name of the faculty is as follows.

- 1.Dr.V.Kandavel AsP/Mech
- 2.Mr.P.Dheenathayalan AP/Mech
- 3.Mr.Sivachandran Technician.

OBJECTIVE

The objective of the industrial visit is to gain knowledge about

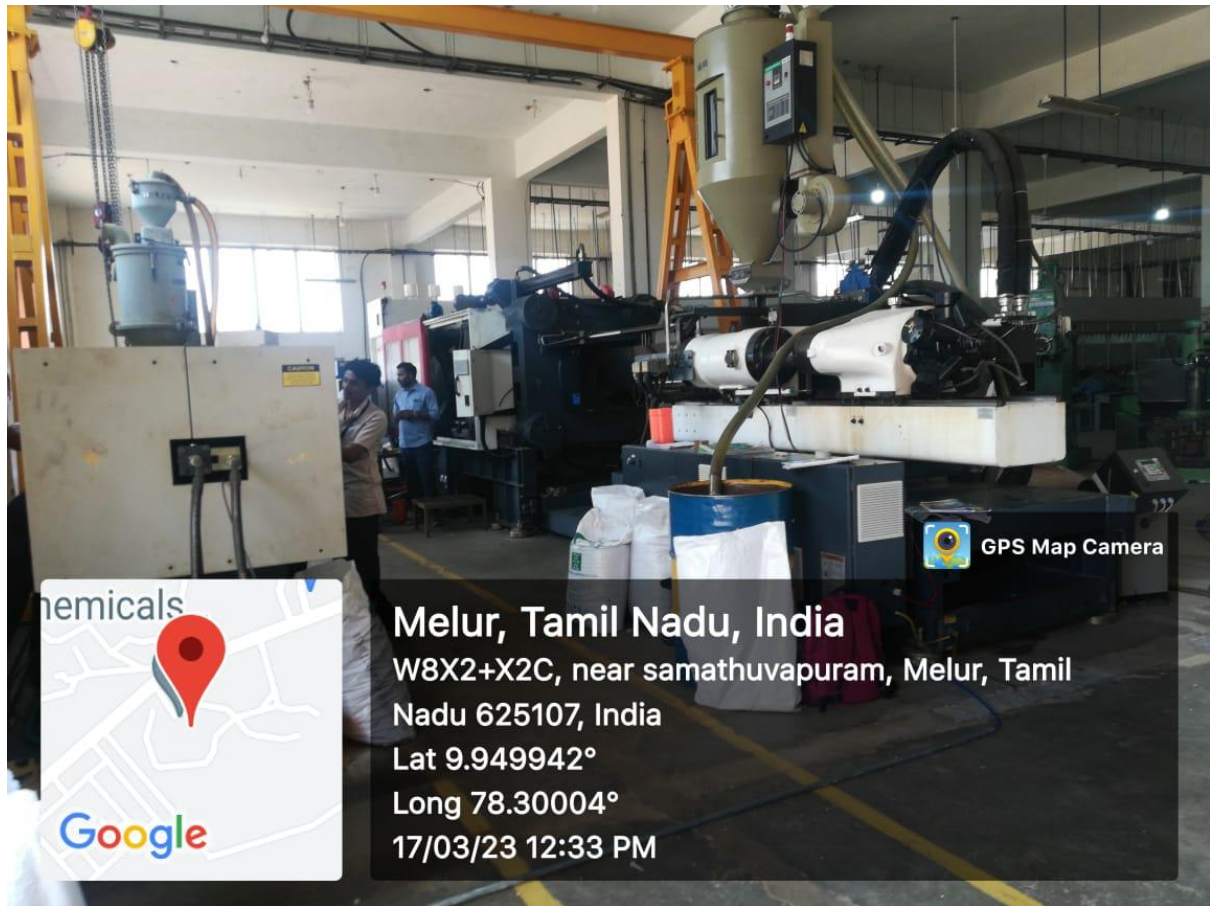
- Mold components.
- Design and development process involved in manufacturing molds.
- Plastics injection molding.
- Blow molding.
- Extrusion molding.
- CNC profile machining (3-axis and 5-axis).
- EDM wire and EDM Spark machining.

FIELD OBSERVATION

In this session students visited the CAD/CAM department of CIPET:CSTS-Madurai. Software used for designing mold was explained to the students. Then the students visited the tool room, CNC, EDM wire and EDM Spark machining process was demonstrated to the students. Then plastics processing such as injection molding, stretch blow molding, extrusion blow molding process was demonstrated to the students.

GLIMPSES OF THE EVENT:







CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TEC
CENTRE FOR SKILLING AND TECHNICAL SUPPORT (CSTS)
THIRUVADAVUR ROAD, THIRUVADAVUR,
MADURAI-625110

State Name : Tamil Nadu, Code : 33

Cash Receipt Voucher

No. : 1677

Dated: 17-Mar-23

Particulars	Amount
Account : Advance Received For STC Fees -CAD/CAM	4,602.00

Through :

Cash Account

On Account of :

BEING AMOUNT RECEIVED FROM SSM INSTITUTE OF
TECHNOLOGY -DINDIGUL FOR INDUSTRIAL VISIT ON 17.
03.23 - FOR 39 NOS - RS.3900/-+ GST

Amount (in words) :

Indian Rupees Four Thousand Six Hundred Two Only

₹ 4,602.00




Authorized Signatory



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Dindigul – Palani Highway, Dindigul 624 002

Date: 16.03.2023

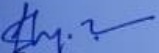
Submitted to Principal

Sub: Industrial visit (CIPET, Madurai) – Reg.

It is planned to visit CIPET, Madurai. Which organized by Department of Mechanical Engineering, SSMIET on 17.03.2023 (Friday) and for the same, the following faculty & staff will accompany with II Year Mechanical Engineering 39 students:

- Dr. V.Kandavel, Asp/Mech
- Prof. P.Dheenathayalan, Ap/Mech,
- Mr. S.Sivachandiran, TA/Mech.

Your approval is requested, and Please Provide leave facility for the same.


Faculty In-charge

[P.DHEENATHAYALAN]
AP/MECH


17/03/2023
HOD/Mech




PRINCIPAL