



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.




Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal
SSM Institute of Engineering and Technology
Kuttathupatti Village, Sindalagundu (Po),
Palani Road, Dindigul - 624 002.

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.

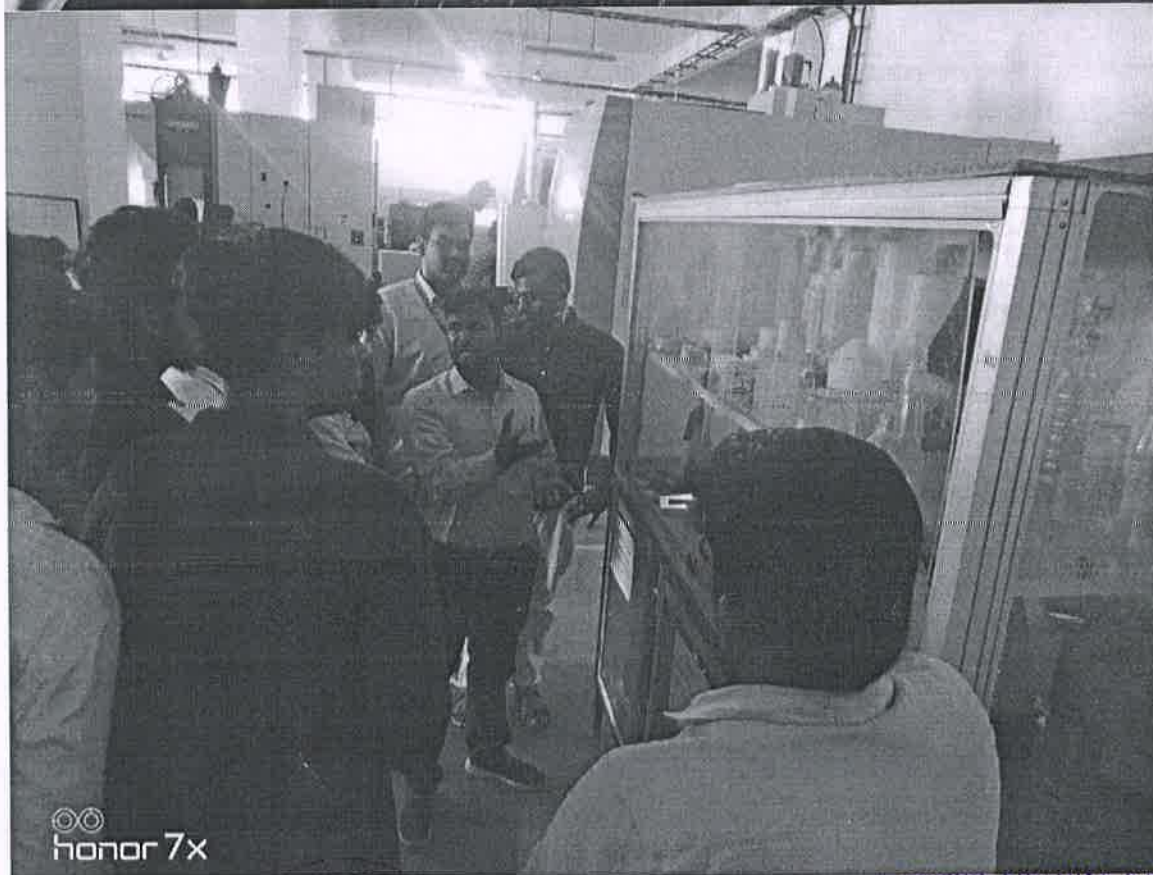
FIELD OBSERVATION

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.

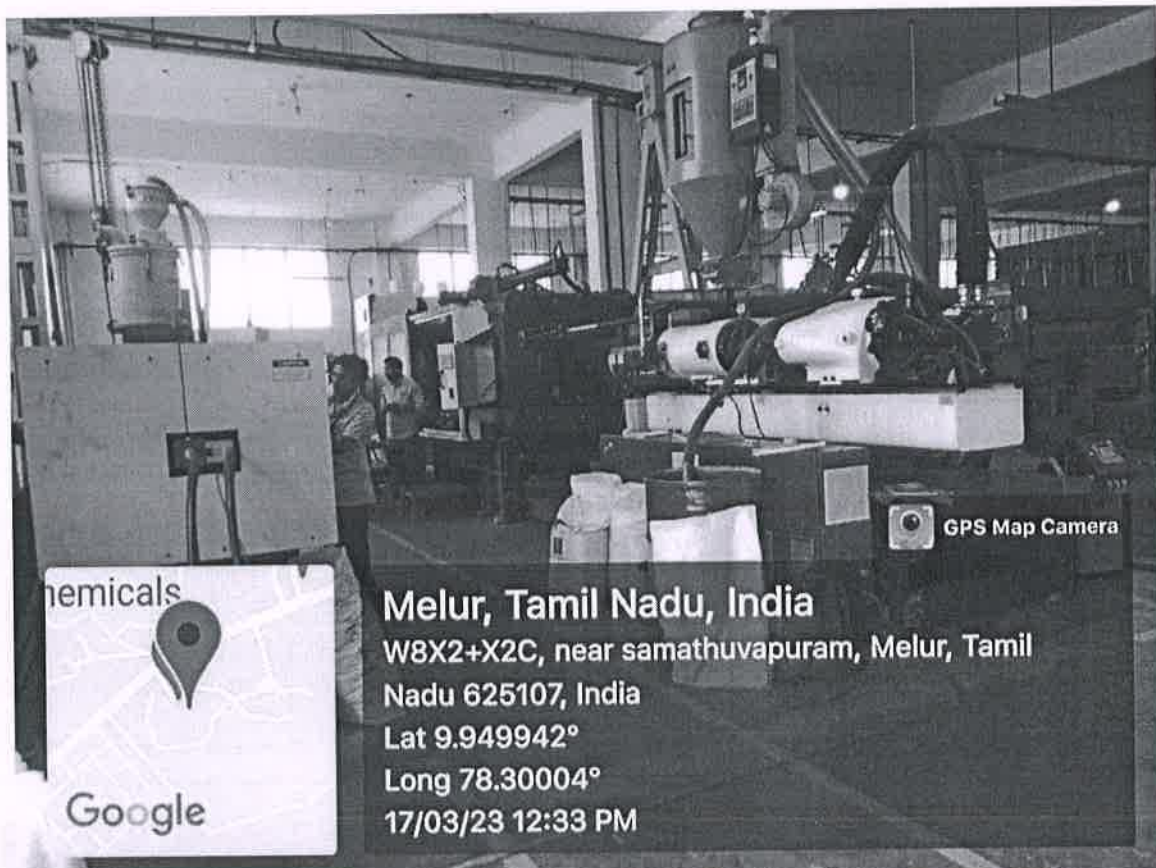


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GLIMPSES OF THE EVENT:



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Handwritten signature in green ink.

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Date: 16.03.2023

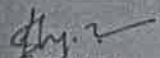
Submitted to Principal

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 the faculty for the same


Faculty in-charge

[P.DHEENATHAYALAN]
AP/MECH


HOD/Mech


PRINCIPAL




Dr.D.SENTHIL KUMARAN, M.E., Ph.D., (NUS)
Principal

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Department of Mechanical Engineering

S.NO	REG NO	NAME	Sign
1	922121114001	AJITH KUMAR S	Ajith Kumar S
2	922121114002	AKASH MARTIN C	Akash Martin C
3	922121114003	AMRESH T	Amresh T
4	922121114004	ANBUSELVAN	Anbuselvana
5	922121114005	BALACHANDRAN	Balachandran
6	922121114006	CHANTHRU B	Chanthru B
7	922121114007	DHANUSH-N	Dhanush-N
8	922121114008	DINESH A	Dinesh A
9	922121114009	DIWAKAR R B	Diwakar R B
10	922121114010	HARIHARAN.B	Hariharan.B
11	922121114011	HARSAN MS	Harsan MS
12	922121114012	INBA TAMILAN T	Inba Tamilan T
13	922121114014	KAVIYARASU A M	Kaviyarasu A M
14	922121114015	KISHORE KUMAR.S	Kishore Kumar.S
15	922121114016	LALITHKUMAR. B	Lalithkumar. B
16	922121114017	NAGARAJAN .M	Nagarajan .M
17	922121114018	NAREN KUMAR S	Naren Kumar S
18	922121114019	NITHISH KUMAR R	Nithish Kumar R
19	922121114020	RAHUL S	Rahul S
20	922121114021	RAKUL RAJ A	Rakul Raj A
21	922121114022	SANTHOSH	Santhosh
22	922121114023	SATHYA SURYA.G	Sathya Surya.G
23	922121114024	SEBASTIN NAVEEN KUMAR G.E.	Sebastin Naveen Kumar G.E.
24	922121114025	SHEK MOHAMMED J	Shek Mohammed J
25	922121114026	SIVARAM.T.V	Sivaram.T.V
26	922121114027	SOUNDAR RAJAN S	Soundar Rajan S
27	922121114028	SUBASPANDIAN R	Subaspandian R
28	922121114029	SYED ABUDHAHIR S	Syed Abudhahir S
29	922121114030	VAZEER AHAMED H	Vazeer Ahamed H
30	922121114031	VIGNESH N	Vignesh N
31	922121114032	VIGNESH KUMAR K	Vignesh Kumar K
32	922121114033	YASHWATHKUMAR	Yashwathkumar
33	922121114301	ARUN KUMAR N	Arun Kumar N
34	922121114302	DINESH KUMAR M	Dinesh Kumar M
35	922121114303	INBARAJ P	Inbaraj P
36	922121114304	JEGATHESWARAN S	Jegatheswaran S
37	922121114305	KIRUTHICKARAN D	Kiruthickaran D
38	922121114306	SASIKIRAN B	Sasikiran B
39	922121114701	NIRMAL K	Nirmal K

Dr. D. Senthil Kumar, M.E., Ph.D., (NUS) Faculty-Incharge 17/3/23

Principal

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Kuttathupatti Village, Sindalagundu (Pe),

Palani, Road, Dindigul - 624 002.

MOD/ Mech 17/03/2023





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



Dr.D.SENTHIL KUMARAN, M.B., Ph.D., (NUS)
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