

Central Institute of Petrochemicals Engineering and Technology (CIPET), Mysuru



CIPET

ANNUAL CALENDAR

for

Short Term Courses 2023 – 2024

CENTRAL INSTITUTE OF
PETRO CHEMICALS
ENGINEERING &
TECHNOLOGY
(CIPET : CSTS, MYSORE)

For further details
please contact

THE DIRECTOR & HEAD,
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MYSORE- 570016
KARNATAKA

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PROCESSING

1. PLASTICS PROCESSING TECHNOLOGY
(Code : P-1)

Period/Duration: Two Days

Proposed Dates : 22.06.2023 & 23.06.2023

Course Fee: Rs.3,000/- + 18% GST
Target: 20

Co-ordinator : Mr. Durai Raj

Mobile No: 9789010015

Contents: Processing overview - Plastics Materials & its Application - Types of Moulding Process - Various Processing techniques - Effect of Polymer Property on Process Techniques - Process variables & its effects - Trouble Shooting Mould and Product Design - Processing Practical on Injection Moulding.

2. INJECTION MOULDING & BLOW
MOLDING PROCESS (Code : P-2)

Period /Duration: Two Days

Proposed Dates : 9.11.2023 & 10.11.2023

Course Fee: Rs 3000/- + 18% GST
Target : 20

Co-ordinator: Mr. Raghu

Mobile no: 9844538484

Contents: Processing Overview - Plastic Materials & its application - Injection Moulding Process - Blow Moulding Process - Types - Property on Process Techniques - Process variables & Optimization - Trouble Shooting - Mould & Product Design - Processing Practical on Injection Moulding & Blow Molding.

TESTING

3. TESTING AND QUALITY CONTROL OF
UPVC PIPES (Code: T-3)

Period/Duration : Two Days

Proposed Dates : 9/11/2023 & 10/11/2023

Course Fee : Rs.5,000/- + 18% GST
Target: 20

Co-ordinator : Mr. K S Vidyasagar

Mobile No: 9440486712

Contents: Introduction to Plastics Materials, UPVC properties and Applications - Extrusion of UPVC pipes and Trouble shooting - PVC Additives and Compounding - Testing and Quality control of UPVC pipes as per Indian Standards - other related standards - Testing Practical Demonstration

4. TESTING AND QUALITY CONTROL
OF HDPE PIPES (code : T-4)

Period/Duration: Two Days

Proposed Dates: 10.07.2023 &
11.07.2023

Course Fee: Rs.5,000/- + 18% GST
Target : 20

Co-ordinator : Mr. S. Srikanth

Mobile No: 9449063460

Contents: Introduction to Plastics Materials, PE properties and Applications - Extrusion of PE pipes and Trouble shooting - Joining of PE Pipes - Testing and Quality control of PE pipes as per Indian Standards - other related standards - Testing Practical Demonstrations

TOOL ROOM

5. Mould Manufacturing and CAM Tool
Path Generation (Code: TR-5)

Period/Duration: Two Days

Proposed Dates: 9.10.2023 & 10.10.2023

Course Fee: Rs.3000/- + 18% GST
Target : 20

Co-ordinator: Mr. Praveen Kumar

Mobile No: 8074762355

Contents : Knowledge on Mold making materials - Properties - Mold parts Machining Techniques - Assembly factors - Inspection - Mold Assembly. Basics of 3D modeling - Generation of Mold Core and cavity - Reference Orientations - Tool path Generation - Post processing using Solid works - Master CAM software

6. PLASTICS RECYCLING
TECHNOLOGY (Code : P-6)

Period/Duration: Two Days

Proposed dates: 7.09.2023 & 8.09.2023

Course Fee: Rs.3,000/- + 18% GST
Target: 20

Co-ordinator : Mr. Parminder Preet
Singh

Mobile No: 8177004000

Contents: Introduction to Plastics Waste management - Plastics recycling & Technologies - Various recycling and its Processing techniques - collection methods - Supply chain - raw material and process - Applications - properties of recycled material - social responsibility - Green initiative - export potential

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For whom / beneficiary

All the above courses are for Supervisors / Managers / Proprietors from Plastics & Allied Industries.

CAD/CAM/CAE COURSES

1. CAD USING AUTOCAD

Version:2023 Fee: Rs 7,000/- Duration:50hrs

2. CAD USING NX

Version:1847 Fee: Rs 12,000/- Duration:100hrs

3. CAD USING CREO

Version:8.0 Fee: Rs 12,000/- Duration:100hrs

4. CAD USING CATIA

Version:V5R 21 Fee: Rs 12,000/- Duration:100hrs

5. CAD USING SOLIDWORKS

Version:2022 Fee: Rs 12,000/- Duration:100hrs

6. CAD/CAM USING NX

Version:1847 Fee: Rs 18,000/- Duration:200hrs

7. CAD/CAM USING CREO

Version:8.0 Fee: Rs 18,000/- Duration:200hrs

8. CAD/CAM USING CATIA

Version:V5R21 Fee: Rs 18,000/- Duration:200hrs

9. CAD/CAM USING NX WITH MOLD WIZARD

Version:1847 Fee: Rs 24,000/- Duration:260hrs

10. CAD/CAM USING SOLIDWORKS WITH MW

Version:2022 Fee: Rs 24,000/- Duration:260hrs

11. 3D printing (FUSED DEPOSITION MODELING (FDM)-40 hrs FOR CAE COURSES AND CNC COURSES

CONTACT CAD/CAM DEPARTMENT:

Co-ordinator: Mrs. S Barathi

Phone No:9466585669



CAD/CAM

7. MODERN CONCEPTS IN PLSTICS PRODUCT DESIGN (Code:C-7)

Period/Duration: Two Days

Proposed Dates : 14.12.2023 & 15.12.2023

Course Fee : Rs.3,000/- + 18% GST

Target : 20

Co-ordinator: Mrs. S Barathi

Phone No:9466585669

Contents: Product design principles – Role of CAD/CAM in product design – Product design features- Electroforming process- Rapid Prototyping–Reverse Modern concepts of product design -- Defects in molding –Trouble shooting- CAE & Shared Design information Collection

Central Institute of Petrochemicals Engineering & Technology (CIPET) is an Autonomous Institute under the Ministry of Chemicals & Fertilizers, Govt. of India. CIPET has established its extension centre in the heritage city Mysore in the State of Karnataka in the year 1991 with the objective of providing Technical education and Technical support services in the field of Plastics.

The Institute has fully functioning Design wing, Tool room, Processing Division and Plastics Testing Centre to cater the needs of Plastics Industry through managerial and supervisory manpower, training, Testing, consultancy, Advisory and Development services.

CIPET : CSTS – Mysuru Centre is ISO 9001:2015 certified for Training and Technical services and Our Plastics Testing Centre is accredited by NABL for ISO 17025 : 2005 QMS & ISO 17020 and recognized by Bureau of Indian Standards (BIS)

CIPET Mysore Offers Diploma, PG Diploma & Skill development Training programs and Short Term courses & Tailor Made Courses in line with Industry needs.