



Central Institute of Petrochemicals Engineering & Technology

Department of Chemicals & Petrochemicals,
Ministry of Chemicals & Fertilizers, Govt. of India

2 WEEKS ONLINE SKILL TRAINING ON

**PLASTIC PRODUCTS
MANUFACTURING**

&

TESTING TECHNIQUES

(From 13.12.2021 to 24.12.2021 – 20 Hours)



CIPET: CENTRE FOR SKILLING AND TECHNICAL SUPPORT

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About CIPET:

Central Institute of Petrochemicals Engineering & Technology (CIPET) was established in 1968 by Government of India with the assistance of United Nations Development Programme (UNDP) at Chennai. 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 operates from 42 locations spread across the country to cater the needs of the polymer and allied industries.

CIPET: Centre for Skilling and Technical Support – Hyderabad is an ISO 9001:2015 certified, NABL & NABCB accredited institute established in 1987. CIPET: CSTS, Hyderabad caters the needs of polymer industry through Managerial and Supervisory Manpower Training, Technical Services in the field of Design, Tooling, Processing and Testing. CIPET also renders Consultancy, Advisory and Development Services and other technical support services to polymer industries.

Academic Courses at CIPET: CSTS, Hyderabad

CIPET: CSTS, Hyderabad is offering the following Academic Courses.

- Post Graduate Diploma in Plastics Processing & Testing (PGD-PPT)
- Post Diploma in Plastics Mould Design with CAD/CAM (PD-PMD)
- Diploma in Plastics Technology (DPT)
- Diploma in Plastics Mould Technology (DPMT)

Skill Development Initiatives:

Skill & Knowledge are the driving forces of economic growth and social development. CIPET is acting as a facilitator to bridge the gap between demand and supply of skilled work force in the polymer and allied sectors. In order to cater to the needs of the ever- growing polymer and allied industries, CIPET has evolved a range of training programs in the following areas.

- ✓ Design / CAD/CAM/CAE
- ✓ CNC Programming & Operations
- ✓ Product & Tool Development
- ✓ Plastics Materials / Additives / Compounding
- ✓ Injection / Compression / Blow / Rotational Moulding, Extrusion and Thermoforming
- ✓ Testing and QA / Characterization
- ✓ Composite / Bio-Composite Materials
- ✓ Plastics Recycling / Waste Management

Exclusive Tailor-made courses shall be arranged on request from Institutes / Industries.



Course Content:

- ✓ Introduction to Plastics Materials
- ✓ Application of Plastics Materials in sector wise
- ✓ Introduction to Plastic Products Manufacturing Techniques
- ✓ Process & Machinery for Injection Moulding, Blow Moulding & Extrusion
- ✓ Thermoforming & Compression Moulding Process
- ✓ Trouble shooting for Injection Moulding, Blow Moulding & Extrusion
- ✓ Introduction to Plastics Product & Mould Design
- ✓ Plastics Recycling Technology
- ✓ Identification of Plastics
- ✓ Testing of Plastics Materials & Products.
- ✓ Standardization & Certification for Plastic Products
- ✓ Biopolymers and its applications
- ✓ Entrepreneurship in Polymer Sector

Target Participants:

Personnel working in Industries, R&D Organization, Product/Process Engineers, Aspiring Entrepreneurs, Faculties, Research Scholars and Students from Universities / Colleges / Polytechnics / ITIs.

Methodology: Online Training using PPT & AV Content through Microsoft Teams.

Certification: CIPET, Govt. of India Certificate will be sent to the registered address.

Course Duration: 20 Hours (2 Hours / Day in Two Weeks)

Intake Capacity: 50 Participants

Basis of Selection: First-Come, First-Served

Course Fee: For Students **Rs.1000+ 18% GST =Rs 1180/-** (Including Certificate Postage)

For Others **Rs. 2000+ 18% GST =Rs 2360/-** (Including Certificate Postage)

Mode of Payment: IMPS / NEFT / UPI to the following account.

Account Name: **CIPET-Hyderabad** Account No.: **10386006043**

Bank: State Bank of India Branch: **ECIL** IFSC Code: **SBIN002714**

Course Coordinator: R.Manikandan. Mobile: 9092637088

Registration Link: <https://forms.gle/oBh4jMv26SpCeQkq9>

**Interested candidates are requested to confirm your participation through
E Mail: cipethdstc@gmail.com**