

STC/F-01



Central Institute of Petrochemicals
Engineering & Technology (CIPET)
CIPET-CSTS, Aurangabad

**ONLINE SHORT TERM COURSE
ON**

**Plastics Recycling and Waste
Management : Challenges, Innovations,
and Regulations.**

21.08.2024 to 31.08.2024

Coordinator

**Mrs. Mousam Choudhury
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**CIPET: CENTRE FOR SKILLING &
TECHNICAL SUPPORT (CSTS)
J-3/2, MIDC INDUSTRIAL AREA,
CHIKALTHANA, AURANGABAD-431006**

CIPET AURANGABAD PROFILE

CIPET: CSTS - Aurangabad 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 and also recognized by Bureau of Indian Standards (BIS). The services of Third party Inspection (both pre & post delivery) of CIPET is also accredited by NABCB, New Delhi as per ISO/IEC 17020 as Type "A" Inspection Body for Plastics, Rubber & allied products / materials.

Academic Activities:

Long Term Programs: Diploma, Post Diploma & Post Graduate Diploma courses in the area of Plastics Processing, Testing & Tooling catering to the need & requirement of Plastics Industries.

Short Term Programs: Various Skill Developments, Re skill/Up skill Programs in the of Plastics Processing /Injection Moulding/Extrusion / Tool Room & Design / Testing for a period of 1 day to 6 months.

The Institute has well established Functional and Supporting departments.

Facilities:

Processing Machines:

Latest Technology Machineries of wide range are available for Training & Technical Services viz., Automatic Injection Moulding Machine, Automatic Blow Moulding Machines, Film Plants, Pipe Plants, Rotomoulding Machines etc.,

Tooling Machines:

Conventional machines like lathe, milling, Surface grinding, Cylindrical Grinding, Radial Drilling Machine, Inspection Equipment & Accessories, Surface plate.

CNC Machines like CNC Milling machine, CNCEDM machine, CNC wire cut machine and CNC lathe.

Testing Machines:

Melting point apparatus, Shore A & Shore D hardness tester, Impact tester, Universal testing machine (UTM) (Fully Computerized). Comparative tracking index. Dielectric strength apparatus, Long /Short term Hydrostatic Pressure Test apparatus for pipes, Melt flow indexer, HDT/VSP apparatus, Carbon black content apparatus, ESCR apparatus and many more product testing facilities

Design/CAD Facilities:

AUTOCAD 2018, CERO 2.0, NX8.0, CATIAV6-R21, Mould Flow 2014, Solid Works 2015, Solid Edge

Design Programs:

Mold design, Plastic Product Design

CAM Programs:

Basic Programming in CNC

LATHE/MILLING/EDM/WIRECUT

APPLICATION FORM / SPONSORSHIP FORM

SHORT TERM COURSE
ON

**Plastics Recycling and Waste
Management : Challenges, Innovations,
and Regulations.**

Duration: 20 Hours

From: 21.08.2024 to: 31.08.2024

Participant Details:

Name:.....Age:

Qualification:.....

Name of the Company.....

Designation:.....

Experience:.....

Mailing Address:.....

E Mail Id:.....

Tel. No:..... **Mob No**.....

Enclosure

Transaction Detail:.....

Dt.....For Rs.....

Signature:.....

Date:.....

COURSE CONTENT:

- Plastics recycling and waste material selection
- Additives for recycling/ reprocessing of material using UV Inhibitors, Impact Modifiers, Pigments, Compatibilizers, Stabilizing Agents, lubricants etc.
- Segregation, Sorting & Plastics Material Selection for end use application.
- Reprocessing through Plastics Processing Techniques & its practical orientation & Demonstrations
- Basics of Plastics Product Developed using Reprocessed plastics materials.
- Manufacturing Techniques
- Basics of Plastics Product & Mould Design for plastics waste materials management and up cycling
- Plastics Materials & Product Testing
- Entrepreneurship in Plastics Recycling & Waste Management field
- Plastics Recycling: Challenges, Innovation and regulations in Circular Economy

FOR WHOM:

This course is designed for Working Plastics Professionals including Engineers, Managers Entrepreneurs, Start-up units under Clean India 2 Make India desiring to build upon a solid foundation in the area of Plastics Waste Management & cater to the demand for society to implement circular economy principles in the development of new materials from waste polymer streams

METHODOLOGY:

- ❖ On line Lecture Classes
- ❖ Online Laboratory Observation
- ❖ Online Demonstrations/ Practical's
- ❖ Online Discussion/Evaluation

COURSE FEE: Rs.2000/- + GST for Working professionals & Rs.1000/- + GST for Students
(Fee includes the Certificate & its delivery)

INTAKE CAPACITY: Up to 50 Candidates

Programme: Online Mode

PAYMENT:

Fee payable in the form of IMPS/NEFT/RTGS/UPI in favor of **CIPET : CSTS, Aurangabad.**

Current A/c No. 120028052862, Canara Bank

Branch: SME, Jalna Road, Aurangabad.

IFS Code: CNRB0003916

Fee once paid will not be refunded. However Substitution will be acceptable without penalty.

Basis of Admission:

First come first Serve in order to avoid unnecessary cancellation of a course due to insufficient enrollment, please call/email as soon as possible to reserve a seat if you are considering attending a course.

Condition of Registration:

Written communication by Email, letter or Fax.

Tailor Made "In House "Courses:

We also provide cost effective training that meets the company individual needs and delivers to suits their schedule, whether On or Off-site. Please contact us for more details

For further details, please write to:

**THE DIRECTOR & HEAD
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