

STC/F-01



Central Institute of Petrochemicals
Engineering & Technology (CIPET)
CIPET: CSTS – Aurangabad

ONLINE SHORT TERM COURSE

ON

**“Testing & Quality Control of
Sprinkler Pipes as per
IS 17425: 2020”**

Duration: 20 Hours
09.10.2023 to 20.10.2023

Coordinator

Dr. Piyush Kumar/ Mr. Kranti Kumar

Mob: 78909 26806 / 80874 28387

Tel No.: 0240-2478301, 302

Fax : 0240-2476626, 2478333

E-mail: aurangabad@cipet.gov.in

Website: www.cipet.gov.in

**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 Plastic Industries.

Short Term Programs: Various Skill Developments,

Re skill/Up-skilling 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, CATIA V6-R21, Mould Flow 2014, Solid Works 2015, Solid Edge

Design Programs:

Mold design, Plastic Product Design

CAM Programs:

Basic Programming
CNC LATHE/MILLING/EDM/WIRECUT



APPLICATION FORM / SPONSORSHIP FORM

SHORT TERM COURSE
ON
"Testing & Quality Control of sprinkler
pipes as per IS 17425 : 2020"

Duration: 20 Hours
From: 09.10.2023 to 20.10.2023

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.....

**A/c No.11162576624, SBI Bank Branch:
Industrial Area, Aurangabad (03449) IFS
Code: SBIN0003449**

Signature:.....

Date:.....

COURSE CONTENT:

- ❖ Introduction to Plastics
- ❖ Applications of Plastic Materials in Agriculture Sector
- ❖ Introduction to Plastic Products Manufacturing Techniques
- ❖ Process & Machinery for Injection Moulding & Extrusion
- ❖ Trouble shooting for Injection Moulding & Extrusion
- ❖ Identification of Plastics material used for manufacturing of Sprinkler pipes and fittings
- ❖ Testing and quality control of Plastics Materials & Products as per IS 17425:2020.
- ❖ Standardization & Certification for Plastic Products as per IS 17425:2020.
- ❖ Practical demonstration
- ❖ Doubt/query/ discussion
Discussions; on the current trends, Government Policies and support, other applications & Innovations

FOR WHOM:

This course is designed for personnel working in Industries, R&D Organization, Product/Process Engineers, Aspiring Entrepreneurs, Faculties, Research Scholars and Students from Universities / Colleges / Polytechnics / ITIs

METHODOLOGY:

- ❖ Online Lecture Classes
- ❖ Online Laboratory Observation
- ❖ Online Demonstrations/Practical
- ❖ 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

Programme Mode: Online Mode

Payment:

Fee payable in the form of

IMPS/NEFT/RTGS/UPI in favor of CIPET

Aurangabad. **A/c No.11162576624, SBI**

Bank Branch: Industrial Area, Aurangabad

(03449) IFS Code: SBIN0003449

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 onsite/ offsite. Please contact us for more details

For further details, please write to:

**THE DIRECTOR & HEAD
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