

CAD


AutoCAD
Unigraphics NX
CATIA
ANSYS
Mastercam

CAM

CNC Milling
CNC Lathe
EDM/EDM WIRECUT
Programming &
Operation

ABOUT US

CIPET is a premier national institution under the aegis of the Ministry of Chemicals & Fertilizers, Govt. of India fully devoted to Skill Development, Technology Support Services, Academic and Research (STAR).



सिपेट CIPET

CENTRAL INSTITUTE OF PETROCHEMICAL ENGINEERING & TECHNOLOGY: CENTRE FOR SKILLING & TECHNICAL SUPPORTS (CSTS)- AGARTALA (TRIPURA)
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Internship Programmes

For Candidates undergoing Technical Courses

Testing & Quality Control Recycling & Waste Management

- Highlights:
- Training Based on Industrial Needs.
 - Special Theory Classes on Product Life Management.
 - CNC machine code generation Using CAD-CAM software.
 - Flexible Class timing.
 - Product Design & Development .
 - GD&T classes.

- 1. Design through AutoCAD (40 hours)** **Fee: ₹ 3000 + 18% gst**

AutoCAD is a popular software used in the design industry for creating 2D and 3D drawings. This course will teach you the basics of AutoCAD, including how to create and edit basic shapes, use layers, and work with annotations.
- 2.CAD using Unigraphics (NX)/CATIA (100 hours)** **Fee: ₹ 7000 + 18% gst**

Unigraphics and CATIA are two of the most popular software used in the design industry for creating 3D models. This course will teach you how to use these software packages to create complex designs, including surfaces, solids, and assemblies.
- 3.CAM using Mastercam (100 hours)** **Fee: ₹ 7000 + 18% gst**

Mastercam is a software used in the manufacturing industry for creating toolpaths for CNC machines. This course will teach you how to use Mastercam to create toolpaths for milling, turning, and wire EDM machines.
- 4.CAE using ANSYS (100 hours)** **Fee: ₹ 8500+ 18% gst**

ANSYS is a software used in the engineering industry for simulating and analyzing the behavior of products under different conditions. This course will teach you how to use ANSYS to perform finite element analysis (FEA) and computational fluid dynamics (CFD) simulations.
- 5.Basic Programming and Operations on CNC Lathe/Milling/EDM/Wirecut (120 hours)** **Fee: ₹ 7500+ 18% gst**

CNC machines are widely used in the manufacturing industry for creating precise and complex parts. This course will teach you how to program and operate CNC machines, including lathes, milling machines, EDM, and wire cut machines.
- 6. Advanced Programming and Operations on CNC Lathe/Milling/EDM/Wirecut (100 hours)** **Fee: ₹ 7000+ 18% gst**

Building on the basics learned in course 5, this course will teach you more advanced programming and operations on CNC machines.
- 7.Testing & Quality Control of Plastics (80 hours)** **Fee: ₹ 7500+ 18% gst**

This course is designed for individuals who are interested in learning about the testing and quality control of plastics. It covers topics such as the properties of plastics, testing methods, and quality control measures. Participants will learn how to perform tests such as tensile strength, impact resistance, etc. and how to interpret the results of these tests. The course also covers quality control measures such as inspection, testing, and documentation to ensure that products meet industry standards and regulations.
- 8.Internship Programmes (2/3/4 Weeks) for Engineering Student of both Degree and Polytechnic**

These internship programmes are designed to provide hands-on experience to engineering students. The duration of the internship can be 2, 3, or 4 weeks depending on the requirements of the student.
- 9.Internship Programmes (2/3/4 Weeks) for M.Sc/B.Sc Chemistry/ Polymer students**

These internship programmes are designed for M.Sc/B.Sc Chemistry/Polymer students to gain practical experience. The duration of the internship can be 2, 3, or 4 weeks.
- 10.Basics of computer Application (2 Weeks)** **Fee: ₹ 2000+ 18% gst**

This course is designed for individuals who have little or no experience with computers. It covers the basics of computer applications such as Microsoft Word, Excel, and PowerPoint.
- 11.Recycling and waste Management of Plastics (2 Weeks)** **Fee: ₹ 1500+ 18% gst**

This course is designed for individuals who are interested in learning about the recycling and waste management of plastics. It covers topics such as the types of plastics, recycling processes, and waste management strategies.
- 12. Other On demand/Tailor-made/Modular courses**

In addition to the above courses, there are several other courses available on demand. These courses can be tailor-made to meet the specific requirements of individuals or organizations. They are modular in nature, allowing individuals to pick and choose the courses that they need.

The Courses are conducted at CIPET: CSTS-Agartala throughout the year and residential facility is also available. For enrolment, interested candidates may contact our coordinators directly via phone or WhatsApp. Mr. Sagolsem Itomba at 9884954937 and Arunav Banerjee at 9402183512.