

CIPET-CENTRE FOR SKILLING & TECHNICAL SUPPORT (CSTS), HAJIPUR

CIPET HEAD OFFICE VISION & MISSION

VISION

- To become an apex Institute of International repute in the field of Polymer Science & Technology and ensure sustainable growth.

MISSION

- To offer blend of specialized Academic and Skill Development Training Programs in the field of Polymer Science & Technology in order to provide qualified Human Resources with entrepreneurship qualities for Polymer & Allied Industries;
- To provide Technology Support in the form of Consultancy Services in the fields of design, tooling, plastics processing, testing & quality assurance and Inspection Services to the plastics industries through a Quality Management System;
- Dedicated R & D wings on Plastic Materials & Product development will develop New Polymeric Materials and its Applications from Technology Transfer, Intellectual Property (IP) and Knowledge Base.



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CIPET-CENTRE FOR SKILLING & TECHNICAL SUPPORT (CSTS), HAJIPUR

INSTITUTION VISION & MISSION

VISION

- An Institution of national repute working in close proximity with industry to supply futuristic manpower and technological advancements in plastics and allied industry.

MISSION

- To offer a blend of contemporary and futuristic academic as well as skill development programme imbued with entrepreneurial spirit.
- To provide support for incubation or start-up of locally relevant technologies, products and services.
- To provide Technological support in the fields of design, tooling, plastics processing, testing & quality assurance and inspection services to the plastics industries through a Quality Management System.
- To develop an effective networking with relevant industries and institutions/organizations.



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CIPET-CENTRE FOR SKILLING & TECHNICAL SUPPORT (CSTS), HAJIPUR

DEPARTMENT OF PLASTICS TECHNOLOGY

VISION

- To enrich professionals with knowledge, skill and attitude for manufacturing quality plastics products by selecting appropriate materials and their processes.

MISSION

- To be abreast of emerging polymeric materials properties, processes including quality assurance, machines and their applications.
- To emphasize on technical exposure through intensive practical work, demonstration, industrial visits etc.
- To establish effective network with related industries, institutions / organizations



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CIPET-CENTRE FOR SKILLING & TECHNICAL SUPPORT (CSTS), HAJIPUR

DEPARTMENT OF PLASTICS TECHNOLOGY

Program Educational Objectives (PEOs)

The programme is expected to:

1. To embed the core competencies for manufacturing of good quality plastics products.
2. To develop technical manpower in accordance with the needs of Plastic Industries.
3. To develop responsible professionals capable to carry out technical tasks independently.
4. To develop leadership skill, sense of responsibility, ethical values and integrity towards organizations among students.
5. To motivate student to upgrade their technical skill and knowledge through lifelong learning.



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**CIPET-CENTRE FOR SKILLING & TECHNICAL
SUPPORT (CSTS), HAJIPUR
DEPARTMENT OF PLASTICS TECHNOLOGY**

PROGRAM OUTCOMES (POs)

1. **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
2. **Problem analysis:** Identify and analyses well-defined engineering problems using codified standard method.
3. **Design/ Development of Solutions:** Design solutions for well defined technical problems & assist with the design of system components or processes to meet specific needs.
4. **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate techniques to conduct standards tests and measurements.
5. **Engineering Practices for Society, Sustainability and Environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
6. **Project Management:** Use engineering management principals individually, as a team member or a leader to manage project and effectively communicate about well defined engineering activities.
7. **Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes.

PROGRAM SPECIFIC OUTCOMES (PSOs)

1. The capacity to interpret the theory of Materials, Plastic Processing & its Testing using the latest techniques to make plastic products to meet desired requirements.
2. The capacity to handle the process and resolve the troubleshooting in the field of manufacturing of plastic products and its quality assurance by using national/international standards.



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