

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

INSTITUTION 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; - practice - Plastics
- 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.

Khishin Kerkoree Makhare



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

DEPARTMENT OF PLASTICS TECHNOLOGY

VISION

- To produce professionals possessing contemporary 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 practical exposure through intensive practical work, demonstration, industrial visits etc.
- To establish effective network with related industries, institutions / organizations
- To prepare student for higher education and lifelong learning.

CIPET सिपेट

probe • perform • practice • Plastics



K. Chandra

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

DEPARTMENT OF PLASTICS TECHNOLOGY

Program Educational Objectives (PEOs)

The programme is expected to:

- Posses core competencies of manufacturing good quality plastics products
- Develop human resources to serve the needs of diverse industries
- Develop responsible professionals to carry out any task independently
- Develop quality consciousness, entrepreneurial spirit, teamwork and communication skills effectively
- Develop open minded, inquisitive, lifelong learners

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

PROGRAM OUTCOMES (POs)

- **Basic and Discipline specific knowledge:** Apply knowledge of basic mathematics, science and engineering fundamentals and engineering specialization to solve the engineering problems.
- **Problem analysis:** Identify and analyses well-defined engineering problems using codified standard method.
- **Design/ Development of Solutions:** Design solutions for well defined technical problems & assist with the design of system components or processes to meet specific needs.
- **Engineering Tools, Experimentation and Testing:** Apply modern engineering tools and appropriate techniques to conduct standards tests and measurements.
- **Engineering Practices for Society, Sustainability and Environment:** Apply appropriate technology in context of society, sustainability, environment and ethical practices.
- **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.
- **Life-long learning:** Ability to analyze individual needs and engage in updating in the context of technological changes.

PROGRAM SPECIFIC OUTCOMES (PSOs)

- The capacity to interpret the theory of Materials, Plastic Processing & its Testing using the latest techniques to make plastic products in compliance with relevant standards & specifications.
- The capacity to oversee the production area to figure out complicated problems, issues, troubleshooting, and challenges of Plastic Product manufacturing with decision making capabilities.



Kshitimkeshore Mohapatra