CENTRAL INSTITUTE OF PLASTICS ENGINEERING AND TECHNOLOGY
AMRITSAR

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.
- 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.
Central Institute of Plastics Engineering and Technology
Amritsar
DEPARTMENT OF PLASTICS TECHNOLOGY

VISION
To provide excellent education and skills to the aspirants on best technologies in the plastics and allied fields for generating professionals to promote industry and entrepreneurship.

MISSION
- To impart quality education to achieve excellence in teaching and learning.
- To provide skill-oriented training to meet the need of the industry and society.
- To undertake collaborative projects with academia and industries.
- To create an environment conducive to creativity, innovative, team-spirit and entrepreneurship leadership.

Program Educational Objectives

PEO-01: To inculcate analytical and technical skills in Plastic Technology on the foundation of basics of engineering sciences.

PEO-02: To prepare Professionals, who have knowledge and competence of problem solving with the help of live industrial and workshops exposure in the field of Plastic Technology.

PEO-03: To prepare manpower for current and future industries along with infusion of strong ethical values to contribute, constructively not only towards industry but also towards society.

PEO-04: To develop skilled engineers and technicians for the professional growth of the entire Plastics Industry.

PEO-05: To infuse self-learning habits amongst students for preparing them to face ever-changing technological challenges of the industry.

HOD (DPT)

DIRECTOR & HEAD

MANAGER (D/C/C)
CENTRAL INSTITUTE OF PLASTICS ENGINEERING AND TECHNOLOGY
AMRITSAR
DEPARTMENT OF PLASTICS TECHNOLOGY

PROGRAM OUTCOMES (POs)

PO-1 Basic knowledge: Application of knowledge of basic mathematics, science and engineering to solve the basic engineering problems.

PO-2 Discipline knowledge: Application of discipline of the subject i.e. specific knowledge to solve core and/or applied engineering problems.

PO-3 Experiments and practice: To plan and perform experiments and practices and to use the results to solve engineering problems.

PO-4 Engineering Tools: Application of appropriate technologies and tools with an understanding of the limitations.

PO-5 The engineer and society: Demonstrate knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to engineering practice.

PO-6 Environment and sustainability: To understand the impact of the engineering solutions in societal and environmental contexts and demonstrate the knowledge and need for sustainable development as per our defined mission as well.

PO-7 Ethics: To apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO-8 Individual and team work: Function effectively as an individual, or as a member or even as a leader in diverse/multidisciplinary teams.

PO-9 Communication: To communicate effectively with the community(ies), in order to put their ideas clearly in front of them.

PO-10 Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the context of technological changes.

PROGRAM SPECIFIC OUTCOMES (PSOs)

PSO1 An ability to understand the concepts of basic plastic manufacturing processes and to apply them to various areas like Raw material modification, design of product, mould & dies etc.