



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

Edayar Road, Hill Colony, Udyogamandal, Kochi, Kerala – 683 501
Email: kochi@cipet.gov.in, Website: www.cipet.gov.in

ONLINE COURSE ON FUNDAMENTALS OF PLASTICS PROCESSING & TESTING TECHNIQUES

About CIPET:

Central Institute of Petrochemicals Engineering & Technology (CIPET) was established in 1968 by Government of India with the assistance of United Nations Development Programme (UNDP) at Chennai. Today CIPET is a premier academic institution for higher & technical education under the Ministry of Chemicals & Fertilizers, Govt. of India fully devoted in all the domains of plastics viz- Design, CAD/CAM/CAE, Tooling & Mould Manufacturing, Plastics Processing & Production Engineering, Testing & Quality Assurance. CIPET operates from various locations spread across the country to cater the needs of the polymer and allied industries.

CIPET Institute of Petrochemicals Technology - Kochi is an ISO 9001:2015 certified, NABL & NABCB accredited institute established in 2012. CIPET - IPT -Kochi caters the needs of polymer industry through Managerial and Supervisory Manpower Training, Technical Services in the field of Design, Tooling, Processing and Testing; CIPET also renders Consultancy, Advisory and Development Services and other technical support services to polymer industries in and around Kerala state.



Target Participants:

Personnel working in Industries, R&D Organization, Product/Process Engineers, Aspiring Entrepreneurs, Faculties, Research Scholars and Students from Universities / Colleges / Polytechnics.

Certification: CIPET, Govt. of India Course completion Certificate will be issued to all the participants.

Registration Link: <https://docs.google.com/forms/d/1x5imNDAQh8Gn5y8Wf9GYUuvJGAZr5auJJv7BUQ>



Course Content:

Plastics Processing Techniques:

Introduction to Plastics Materials & Plastics Processing Techniques - Injection Moulding, Extrusion, Blow Moulding, Compression Moulding, Thermofforming, Injection Moulding Process Parameters setting, Product defects & Trouble Shooting, Rotomoulding & Plastics Waste Management & Recycling.

Testing:

Identification of Plastics Materials, Mechanical Properties Tensile, Flexural, Impact, Compression, Thermal properties, Electrical Properties, Permeability Properties and Product testing.

Mould Technology:

Plastics product Design & Development and Plastics Mould Design and Development.

Fee Details: Rs. 1100/- (Rs. 1000 + 10% GST)*
 *Special discount of 50% may be provided for batch of students (i.e., Rs. 550/- (Rs. 500 + 10% GST))
Mode of Payment: SB Collect Only.

Course Coordinator: Mr. Mohammed Jabir K

Mobile/WhatsApp: 9995850398

Interested candidates are requested to confirm your participation through Email: upskilling.cipetkochi@gmail.com

FACILITIES

Processing



Testing

