



CENTRAL INSTITUTE OF PETROCHEMICALS ENGINEERING & TECHNOLOGY (CIPET)

Edayar Road, HIL Colony, Udyogamandal, Kochi, Kerala – 683 501

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FUNDAMENTALS OF NANOMATERIALS AND POLYMER NANOCOMPOSITES

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:

Students, Research Scholars, Faculties & Industry Person

Certification: CIPET, Govt. of India

Course Completion Certificate will be issued to eligible participants

Registration Link: <https://docs.google.com/forms/d/1BffxeNNM08n7RdWLUwQC-AIYH0ZaS2gTuyM45Ls-Eo>

Course Content:

Module 1: Introduction to Nanomaterials and Nanocomposites - 10 hrs

Module 2: Synthesis and Fabrication Techniques of Nanomaterials and Nanocomposites - 10 hrs

Module 3: Properties and Characterisation Techniques of Nanomaterials and Nanocomposites - 10 hrs

Module 4: Applications of Nanomaterials and Nanocomposites - 6 hrs

Module 5: Advanced Topics on Nanomaterials and Nanocomposites and Challenges and Future Trends Nanomaterials and nanocomposites - 4 hrs

Course Highlight:

The course on Nanomaterials and Nanocomposites provides an in-depth understanding of fundamental concepts, synthesis, characterisation, applications, and future trends in the field. The structured modules are designed to provide students, faculty, and industry professionals with a comprehensive learning experience.

Starting Date: 17th February 2025



Scan QR
for payment

Duration : 40 Hours

Mode of Training : Online

Fee Details : Rs. 1180/-

(Rs. 1000 + 18 % GST)

*50% discount may be provided for CIPET students, faculties & alumni. i.e., 590/- (Rs. 500 + 18% GST) v

Mode of Payment : SBI Collect Only.

Course Coordinator: Dr. K.S Manjula

Mobile/WhatsApp: **+91-7760684570**

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

APPLICATIONS

