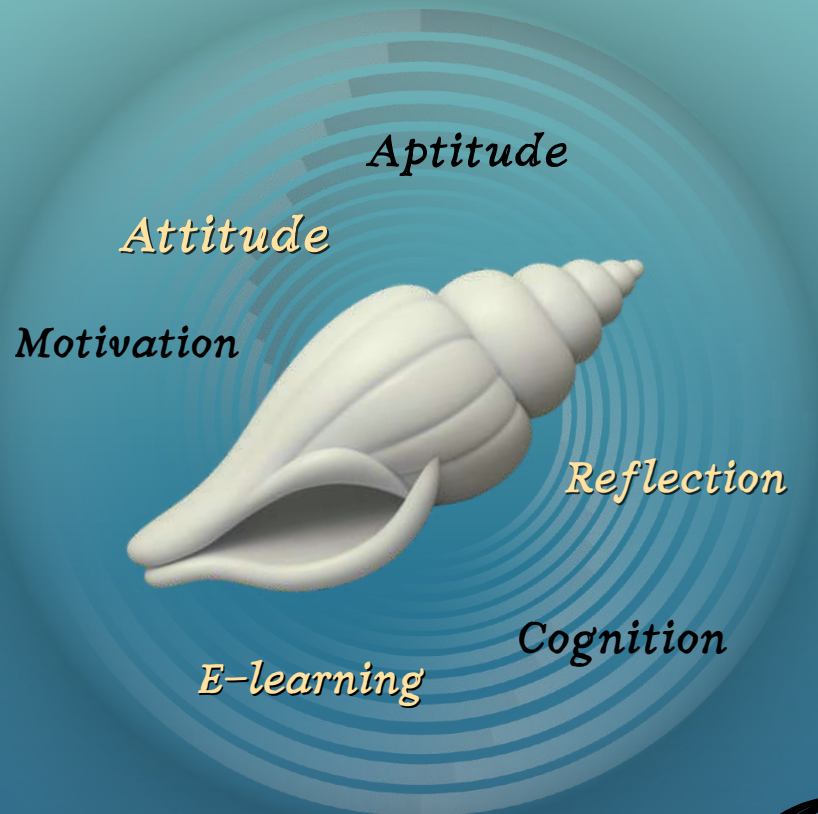




IIT PALAKKAD



"Echoes of Insight"



TEACHING LEARNING CENTRE
IIT PALAKKAD



Faculty Development Program (FDP)

organised by

Teaching Learning Centre (TLC), IIT Palakkad

The paradigm of the teaching-learning process is undergoing revolutionary changes, driven by the advent of innovative teaching methodologies and technologies for knowledge sharing. In this landscape, it is essential for educators to refine and upgrade their existing skills, acquire new competencies, and master the nuances of the art, philosophy, and science of teaching. Doing so ensures that the teaching-learning process becomes more engaging, creative, and productive for both teachers and students. Crucially, there is a need to connect the three vital elements of education - faculty, students, and the educational process - in order to develop the optimal blend of solutions.

This approach becomes especially important when navigating among the wide variety of educational strategies that differ significantly depending on the learning environment. Meaningful changes in teaching practices require intentional and sustained efforts from both dedicated faculty members and the administration. In this spirit, Teaching Learning Centre (TLC) at IIT Palakkad is organizing a Faculty Development Program (FDP) during December 8-11, 2025. The focus of this program will be on teaching pedagogy and learner-centred approaches.



About Teaching Learning Centre, IIT Palakkad

Teaching- Learning processes play a vital role in the growth of an academic institution. At IIT Palakkad, several young faculties aspire to hone their teaching and research skills through intense interactions with eminent academicians across the country. Keeping this need in mind, our Director has launched an initiative to establish a Teaching Learning Centre at IIT Palakkad. It is planned to organize a first Faculty Development Programme during December 8-11, 2025 with resource persons drawn from premier academic institutions such as IIT Madras and IIT Bombay. In the coming months, a full-fledged Teaching Learning Centre will also be established, to support the teaching learning activities at IIT Palakkad.



About the Faculty Development Program

The Faculty Development Program is designed to strengthen the teaching competencies of IIT Palakkad faculty members by introducing innovative pedagogical approaches and modern teaching tools. The program will provide a platform to explore modern teaching tools, learner-centric approaches, and effective classroom practices. The program aims to promote academic excellence, professional growth, and the sharing of best practices in higher education.

Objectives of the Program

The Faculty Development Program aims to enhance teaching effectiveness through innovative pedagogical strategies, technology integration, and learner-centric approaches. It also fosters collaboration, peer learning, and continuous professional development among IIT Palakkad faculty members.

Basic Elements of the Program

- Pedagogical goals
- Course Preparation Basics
- Effective Delivery
- Assessment Methodologies
- Reflection on Teaching (Teacher's & Learner's perspective)
- Technological Assistance



Resources Persons



PROF. PRAMOD S. MEHTA

Professor (Retd.),
Department of Mechanical Engineering, IIT Madras



PROF. C. VIJAYAN

Honorary Professor,
Department of Physics, IIT Palakkad



PROF. EDAMANA PRASAD

Professor,
Department of Chemistry, IIT Madras



PROF. NANDITA MADHAVAN

Professor,
Department of Chemistry, IIT Bombay



PROF. PARAG RAVINDRAN

Professor,
Department of Mechanical Engineering, IIT Madras

Coordinators



DR. MANAS KUMAR JENA

Associate Professor,
Department of Electrical Engineering, IIT Palakkad



DR. SHANMUGARAJU.S

Associate Professor,
Department of Chemistry, IIT Palakkad

Mentor



PROF. T.SUNDARARAJAN

Visiting Professor,
Department of Mechanical Engineering, IIT Palakkad



Teaching Learning Centre

Indian Institute of Technology Palakkad



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