

MALAVIYA MISSION TEACHER TRAINING CENTRE*jointly with***Department of Information Technology**

Coimbatore Institute of Technology, Coimbatore – 641014, Tamil Nadu

SIX-DAY ONLINE SHORT TERM TRAINING PROGRAMME

Prompt to Prototype : AI for Design and Development

DURATION**18–23 Sep 2026****TIMING****9:30 AM – 5:00 PM****MODE****Online****REGISTRATION****NO REGISTRATION FEE****FORMAT****6 Days • Live
Online****ELIGIBILITY****HEI Faculty &
Research Scholars****RESOURCE PERSONS****Industry****CREDIT****Counted under
CAS**

1 Programme Overview

The “Prompt to Prototype:AI for Design and Development” is a hands-on short-term programme organized by the Department of Information Technology, Coimbatore Institute of Technology, under MMTTC. The programme provides practical exposure to emerging Generative AI technologies, covering prompt engineering, AI-based image and video processing, computer vision, Kubernetes-based AI application deployment, Agentic RAG, multi-agent AI systems, and AI-assisted software engineering and education. Participants will gain the ability to apply AI tools and frameworks to develop, deploy, and integrate intelligent solutions across software development and teaching-learning environments. The programme also includes hands-on sessions on LangChain, LangGraph, Copilot, Cursor, CrewAI, Claude, NotebookLM, and other AI-assisted tools, with a focus on transforming AI concepts into practical prototypes and applications.

2 Programme Objectives

- Apply Prompt Engineering for Generative AI
- Develop AI-based Image & Video Solutions
- Build & Deploy AI Applications
- Develop Agentic RAG & Multi-Agent Systems
- Integrate AI into Software Engineering & Education

3 What You Will Gain

- ▶ Practical expertise in Generative AI and effective prompt engineering techniques.,
- ▶ Hands-on experience with AI-based image and video processing and computer vision applications.
- ▶ Skills to build and deploy scalable AI applications using Kubernetes.
- ▶ Knowledge of Agentic RAG and Multi-Agent AI systems using LangChain and LangGraph.
- ▶ Experience with AI-assisted software engineering using tools such as Copilot, Cursor, and CrewAI.
- ▶ Exposure to AI tools for teaching, assessment, and feedback, including Claude, NotebookLM, MagicSchool, and CoGrader.

Schedule, Eligibility & Registration

4 Resource Persons

- AdithyaKaki - Gen Ai Engineer & Technical LeadNeurality Technologies Pvt Ltd, Bangalore.
- S.Enitha - Project Engineer, (HTIC), an R&D center of IT Madras, Research Park, Chennai, Tamil Nadu, India.
- Amalan S - Lead Medical Image signal, Processing Engineer (HTIC), an R&D center of IT Madras, ResearchPark, Chennai, Tamil Nadu, India.
- Janak Y Dave - ISP Engineer, (HTIC), an R&D center of IT Madras, Research Park, Chennai, Tamil Nadu, India
- R.R.Varun - Senior Software Engineer, NVIDIA.
- Praveena V - Associate Director, Software Engineering Quality Assurance, Kyndryl, Bangalore
- Naveen K - Senior software developer , AppviewX ,Chennai
- Dr.S.Devi - Assistant Professor ,CIT ,Coimbatore.
- Dr.G.Thilagavathi - Assistant Professor ,CIT ,Coimbatore.
- T N Ranjit - Software Development Engineer(INT), Embedur Systems.
- Leo Chelliah - Managing Director & Co-Founder,Dreams Technologies,UK & India.
- Jai Ganesh Suresh - Lead AI Architect, Ericsson, AI Research & Development, Chennai.

5 Eligibility & Prerequisites

WHO SHOULD ATTEND

HEI faculty and research scholars working anywhere in India are eligible to register.

PREREQUISITES FOR HANDS-ON ACTIVITIES

- A functional laptop / desktop with active internet connection
- A working webcam, microphone and Google account

6 How to Apply



NO REGISTRATION FEE

Register on or before 16.09.2026

G-Form: <https://forms.gle/qvpufdErnDRVegKj9> | **CIT:** cit.edu.in/others/mmttc

MMTTC: mmc.ugc.ac.in | Scan the QR code to register instantly

7 Guidelines & Certification

- Number of participants is limited to 60
- Selected participants will be intimated by e-mail
- Upload the permission letter, duly signed by the Head of the Institution / Director
- All lectures will be delivered online
- There will be an assessment test consisting of multiple-choice questions (MCQs)
- Only participants who successfully complete the 6-day programme and pass the evaluation test will be eligible to receive the certificate.

8 Institute&Programme Leadership

Institute Administration

Mr. R. Santossh — Managing Trustee / Chairman / Correspondent, CIT

Dr. A. Rajeswari — Principal, CIT

Contact Details

Dr. V. Manikandan — Programme Director, MMTTC

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Mmttc2026cit@gmail.com

Department of Information Technology

Dr. M. Rajalakshmi — Professor & Head, IT, CIT

Course Coordinators:

Dr.M.Sangeetha— Professor

Dr.G.Thilagavathi— Assistant Professor

Dr.S.Devi— Assistant Professor

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