

COLLEGE OF ENGINEERING MUNNAR

in association with

CENTRE FOR CONTINUING EDUCATION KERALA

EDUNET FOUNDATION

&

EY GLOBAL DELIVERY SERVICES

Empowering Higher Education through AI
FACULTY DEVELOPMENT PROGRAM

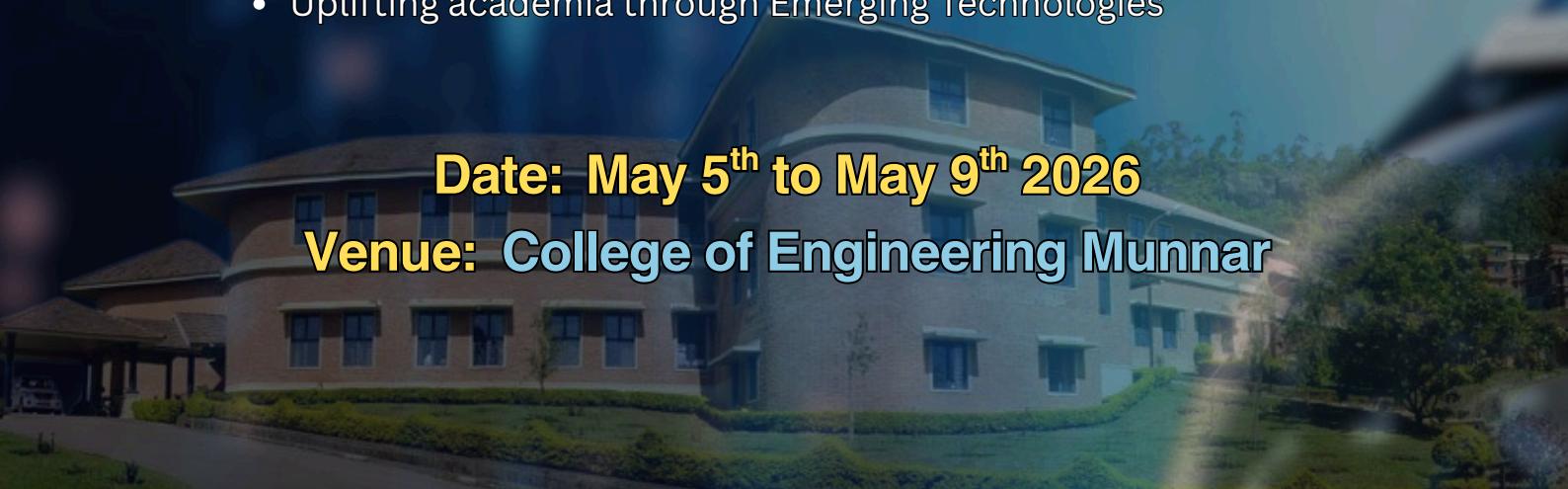
FDP Title	Beneficiaries
Modern Web Development & AI Integration	<i>S - Science T - Technology E - Engineering M - Management Institutions</i>

HIGHLIGHTS

- Mastering AI through Industry Giant
- Dual **Certification** for participants
- Uplifting academia through Emerging Technologies

Date: May 5th to May 9th 2026

Venue: College of Engineering Munnar





About The College

College of Engineering Munnar is an institute of higher learning established in the year 2000 by the Government of Kerala. Managed by the Institute of Human Resources Development (IHRD), it is affiliated with APJ Abdul Kalam Technological University Kerala and approved by the All India Council for Technical Education (AICTE), New Delhi. Located in a naturally air-conditioned biodiversity hotspot on the Western Ghats, the 26-acre campus in the Kannan Devan hills provides a pollution-free and environment-friendly learning environment.

Department of Computer Science and Engineering

The Department of Computer Science and Engineering was established in the year 2000, affiliated with Cochin University of Science & Technology and is affiliated to APJ Abdul Kalam Technological University Kerala from 2015 admission onwards. The curriculum and syllabus is being followed as per the University regulations and the present intake for undergraduate studies is 60 and postgraduate studies is 18. The department has well-qualified and experienced Faculty Members and technically skilled Laboratory Staff.

Vision of the Department

To empower the students to be technologically competent in the domains of Computer Science by imparting high quality education in the ever changing world.

Mission of the Department

- To encourage students to become technical problem solvers.
- To provide high quality technical education through career oriented courses and workshops conducted by high profile faculty members and professionals.
- To make the students to learn with state of the art technologies to meet the growing challenges of the industry.
- To impart strong foundations to students so as to enable them for continuing education.
- To foster the spirit of modernism and development of technologies that is sustainable and will benefit the entire society.

Next Gen Employability Program Faculty Development Program – STEM

Track Name – Modern Web Development & AI Integration

Streams Eligible – Science, Technology, Engineering and Management Institutions

About FDP

The Next Gen Employability FDP on "Modern Web Development & AI Integration" focuses on equipping STEM faculty with cutting-edge skills in modern web technologies and artificial intelligence. It covers rapid web development and prototyping using AI-assisted tools like GitHub Copilot and Cursor AI, along with interactive data visualization using Streamlit. The programme heavily emphasizes the integration of smart AI features, such as text generation and chatbots, utilizing the Gemini API. Overall, the FDP enhances participants' technical proficiency, teaching methodologies, and ability to mentor students in building and deploying modern full-stack web applications

Course Objectives

- Equip faculty with modern web development skills using AI-assisted tools like GitHub Copilot and Cursor AI.
- Enable rapid prototyping and data visualization through Streamlit for building interactive web applications.
- Introduce AI integration techniques using tools like Gemini API for smart feature development (e.g., chatbots, content generation).

Program Benefits

- Hands-on experience with cutting-edge tools like Streamlit, Gemini, and GitHub Copilot.
- Improved teaching methodologies through integration of real-world technologies into curriculum delivery.
- Enhanced ability to mentor students in building and deploying full-stack web applications.

Assessment Rubric

Assessment Component	Evaluation Parameter	Max Marks
FDP Assessment	Via LMS	20

Program Outline

Module	Module Name	Duration (Hrs)		
		Theory	Practical	Total
1	Rapid Web Dev using Co-Pilot & Cursor	2	4	6
2	Development and Data Visualization using Streamlit	2.5	4.5	7
3	AI-Powered Text Generation tools and its Integration	0.5	3.5	4
4	Version Controlling & Hosting	1	2	3
	Total			20

Registration Link :

<https://forms.gle/Vbj4WEeEYAgw3PJD7>

Or Scan QR code



Got Any Questions?

☎ *Dr Deepa S Kumar : 9447524328*

☎ *Mrs Ligi Achuthan : 9447155103*

Registration Fees: Rs.200/-

Account Number: 67166736045

IFSC Code: SBIN0070135