

WEBINAR TALK ON "AGENTIC AI FOR ENGINEERS"

BEM Approved CPD: 2 Ref No: IEM26/HQ/259/T(w)

Date : 01 August 2026 (Saturday)
Time : 10.00 am - 12.00 pm
Platform : Zoom
Speaker : Mr. Ramkumar Manoharan

REGISTRATION FEES IEM

Students: Free

IEM Members: RM15

Non-IEM Members: RM70



BIODATA SPEAKER

Ramkumar Manoharan is the Founder of TensorLearners and an AI Architect specializing in Generative AI, Agentic AI Systems, and Large Language Model applications. With over 18 years of industry experience in AI, Data Science, and Machine Learning, he has trained thousands of professionals and students globally. He serves as Faculty for Artificial Intelligence at Woolf University and actively collaborates with industries and academic institutions on AI innovation initiatives. His work focuses on Multi-Agent Systems, Knowledge Graphs, RAG architectures, and enterprise AI transformation.

SYNOPSIS

Agentic AI represents the next evolution of Artificial Intelligence, where systems move beyond passive responses and begin acting autonomously to solve complex problems, make decisions, collaborate with tools, and execute workflows. This session introduces engineers to the foundations of Agentic AI, Multi-Agent Systems, LLM orchestration, Retrieval-Augmented Generation (RAG), and autonomous AI workflows used across modern industries. Participants will gain practical insights into how AI agents interact with APIs, databases, enterprise systems, and real-world environments to automate intelligent operations. The session will also explore engineering use cases in manufacturing, cybersecurity, software systems, and enterprise automation, while discussing emerging frameworks such as LangGraph, MCP, and agent orchestration architectures shaping the future of intelligent systems.