

RESOURCE PERSONS

Dr. Amal Thomas K
Assistant Professor, RCET, Thrissur

Ms. Anju C R
HOD, KMCT College of Engineering,
Kozhikode

Mr. Aron Chacko
Robotic Engineer
Inker Robotics Solutions Pvt. Ltd.

Mr. George Thomas
Research Scholar,
CET, TVM

Dr. Harikrihnan P M
Quantiphi Analytics Research scientist
Agentic ai, Multimodal generative ai
Karnataka Bangalore

Dr. Jayadevan R
Assistant Professor,
GEC, Wayanad

Ms. Sincy V Thambi
Assistant Professor, RCET, Thrissur

Ms. Vidya P V
Research Scholar, CET, TVM

“ Future-Ready AI: From Generative Models to Autonomous Agents”

Eligibility: The faculty members of AICTE approved institutions, research scholars, PG Scholars, participants from Government, MoE/AICTE/UGC, bureaucrats/technicians/ participants from industry etc.

Mode:-Online.

Seats are limited and the participants are selected on first come first serve basis.

COORDINATOR:

Ms Neethu K
Asst Professor AI&DS, SIMAT
9895302544

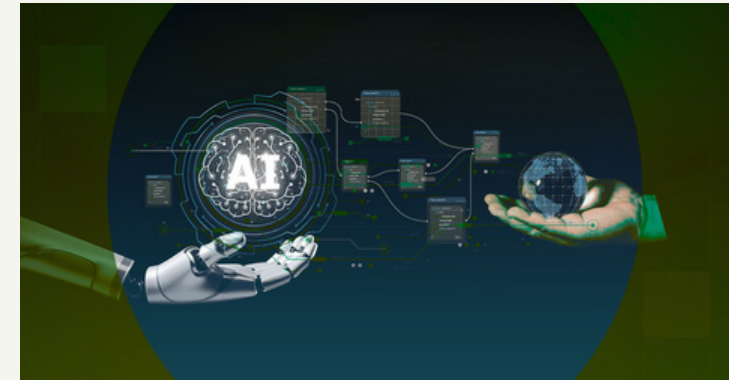
CO-COORDINATOR:

Ms Jaicy K Thomas
Asst Professor AI&DS, SIMAT
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FOR REGISTRATION

REGISTRATION FEE RS.200/PARTICIPENT

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**Six Days
Faculty Development Programme
on**

“ Future-Ready AI: From Generative Models to Autonomous Agents”

15/06/2026 to 20/06/2026

Organized by
**Department of AI&DS,
Sreepathy Institute of Management
and Technology (SIMAT)**

Vavanoor
Palakkad, India



Objective

The program aims to introduce the concepts of Generative AI and Autonomous Agent systems while familiarizing faculty members with emerging AI architectures and tools. It also focuses on exploring real-world applications of AI across various domains and supporting curriculum enhancement through the inclusion of recent advancements in artificial intelligence. In addition, the program seeks to promote research, innovation, and academic engagement in modern AI technologies.

Highlights of FDP

- Comprehensive sessions on Generative AI, LLMs, and Autonomous Agents
- Focus on emerging trends and theoretical foundations in AI Expert lectures by eminent academicians and industry experts
- Insights into real-world applications and case studies
- Discussion on AI ethics, governance, and responsible AI
- Exposure to advanced AI tools, frameworks, and architectures (conceptual)
- Emphasis on curriculum enhancement and research directions
- Interactive sessions including Q&A and expert discussions
- Networking opportunity with faculty and AI professionals nationwide
- Fully online mode - accessible from anywhere
- E-certificate provided upon successful participation

Vision

- To empower future innovators in artificial intelligence and data science, through quality education, transformative research, and to harness it for a positive global impact leading to sustainable advancements in technology and society.

Mission

- To build a skilled workforce for diverse career paths in industries ranging from healthcare and finance to cybersecurity and autonomous systems.
- To leverage research in AI and data science, to address critical societal challenges, drive economic growth, and improve the quality of life for individuals globally.
- To foster a culture of continuous learning and adaptation to stay abreast of rapid advancements in AI and data science through industry interaction



About SIMAT

Sreepathy Institute of Management and Technology is an offspring of the Sreepathy Trust, which comprises technocrats, engineers, philanthropists, industrialists, and individuals with a shared vision of providing a platform for promoting quality higher education and research in professional disciplines such as engineering and technology, medical and paramedical sciences, management studies, agriculture, biotechnology, and cultural studies. The Trust aims to ensure that deserving candidates, irrespective of caste, colour, or creed, are given equal opportunities to pursue higher education. The institute is located on a scenic, lush green hillock at Vavanoor, near Pattambi, along the Palakkad-Guruvayur Highway. The institute is approved by AICTE and affiliated with APJ Abdul Kalam Technological University. It is accredited by NAAC, and the CSE department is accredited by NBA.

15.06.2026	16.06.2026	17.06.2026	18.06.2026	19.06.2026	20.06.2026
10.00am–10.15am Inauguration	10.00am – 12.00pm Session 3:	10.00am–12.00pm Session 5:	10.00am–12.00pm Session 7:	10.00am – 12.00pm Session 9 :	10.00am – 12.00pm Session 10:
10.15am–12.00pm Session 1 Topic: The AI Paradigm Shift & Data Strategy Speaker: Dr.Jayadevan R Designation: Assistant Professor Affiliation: GEC , Wayanad	Topic : Strategic Prompt Engineering Speaker: Dr. Harikrishnan P M Designation: Research scientist Affiliation: Quantiphi Analytics	Topic: Neural Architectures & NLP Basics Speaker: Ms. Vidya P V Designation: Research Scholar, CET,TVM Affiliation: CET,TVM	Topic: Ensemble Learning Speaker: Ms. Anju C R Designation: HOD,KMCT College of Engineering Affiliation: KMCT College of Engineering	Topic: Text and Image Generation Speaker: Mr. Aron Chacko Designation: Robotic Engineer Affiliation: Inker Robotics Solutions Pvt. Ltd.	Topic: Agentic AI vs. Autonomous Systems Speaker: Dr. Amal Thomas K Designation: Assistant Professor Affiliation: Royal College of Engineering and Technology
Lunch Break					
1:30 Pm – 03:30 Pm Session 2 : Topic: Data Preprocessing and Environment Setup for AI Driven Biomedical Healthcare Systems Speaker: Dr.Jayadevan R Designation: Assistant Professor Affiliation: GEC , Wayanad	1:30 Pm – 3:30 Pm Session 4: Topic: Fine Tuning & Customization Speaker: Mr. George Thomas Designation: Research Scholar, CET,TVM Affiliation: CET,TVM	1:30 Pm to 3:30 Pm Session 6: Topic: The Transformer Revolution & LLMs Speaker: Ms. Sincy V Thambi Designation: Assistant Professor Affiliation: Royal College of Engineering and Technology	01.30pm – 03.30pm Session 8 Topic: Machine learning pipeline and MLOPs Speaker: Ms. Anju C R Designation: HOD,KMCT College of Engineering Affiliation: KMCT College of Engineering	01.30pm – 03.30pm Session 9: Topic: Multimodal Generative AI Speaker: Mr. Robotic Engineer Affiliation: Inker Robotics Solutions Pvt. Ltd.	01.30pm – 03.30pm Session 11: Topic: Responsible AI & Research Trends Speaker: Dr. Amal Thomas K Designation: Assistant Professor Affiliation: Royal College of Engineering and Technology