



Three day hands on Workshop on Leveraging AI to Enhance Academic Research

21-23 May 2025



Organized by
Department of Computer Applications
Cochin University of Science and Technology,
Kochi – 22, Kerala.

ABOUT THE WORKSHOP

This three-day workshop is designed to introduce participants to the transformative role of Artificial Intelligence across the research lifecycle. Through a blend of technical sessions, hands-on demonstrations, and discussions, the workshop will explore how AI tools can streamline literature discovery, enhance scholarly writing, and support data analysis. Participants will engage with topics ranging from advanced information retrieval and research topic identification to automated summarization, AI-assisted note-taking, and proposal drafting. With a strong emphasis on practical application, the sessions will showcase how large language models and AI-powered platforms are reshaping academic workflows, helping researchers save time, uncover new insights, and produce high-quality research outputs.

OBJECTIVE

The objective of the workshop is to equip researchers, academicians, and postgraduate scholars with practical skills and strategic insights to effectively integrate AI into their research practices. By the end of the program, participants will be able to leverage AI for more efficient literature searches, organized knowledge management, data interpretation, and structured academic writing. The workshop aims to foster confidence in using AI tools to enhance both the quality and efficiency of academic research, while also encouraging critical thinking about the evolving role of AI in scholarly work.

RESOURCE PERSON



**Dr. Sabu M K, Professor,
Department of Computer
Applications,
Cochin University of Science
and Technology,
Kochi-22, Kerala.**

SELECTION PROCESS

NO OF SEATS AVAILABLE : 30

Interested participants are kindly invited to register through the link provided below. Only selected candidates will be required to pay the registration fee, details of which will be communicated at a later stage.

FOR REGISTRATION

Scan the QR code for registration



SCAN ME

REGISTRATION FEE

Faculties & Academicians : Rs 2000 + 18% GST
Students/Research Scholars : Rs 1750 + 18% GST

IMPORTANT DATES

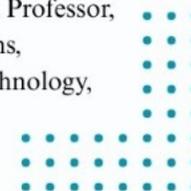
Deadline for registration : 07-05-2025
Notification to selected participants : 12-05-2025

CONVENOR

Dr. Vinod.P.,
Professor & Head of the Department
Department of Computer Applications,
Cochin University of Science and Technology,
Kochi-22, Kerala.

COORDINATOR

Dr. Rafidha Rehiman K.A., Assistant Professor,
Department of Computer Applications,
Cochin University of Science and Technology,
Kochi-22, Kerala.



TECHNICAL SESSIONS - SCHEDULE

| Date | Time | Topics |
|------------|------------------|---|
| 21-05-2025 | 10.00am -1.00pm | <ul style="list-style-type: none">• Advanced Information Retrieval Techniques for Research• Introduction to Knowledge Engines and their Research Applications |
| | 1.30pm – 4.30 pm | <ul style="list-style-type: none">• AI-Powered Research Topic Identification Methods• Literature Discovery and Research Network Mapping• Large Language Models in Academic Research |
| 22-05-2025 | 10.00am -1.00pm | <ul style="list-style-type: none">• Automated Summarization & Knowledge Extraction• AI-Based Note-Taking and Knowledge Organization Systems• AI-Assisted Data Analysis |
| | 1.30pm – 4.30 pm | <ul style="list-style-type: none">• Automated Literature Review Drafting - Synthesizing sources into coherent reviews• Reference Management for Researchers |
| 23-05-2025 | 10.00am -1.00pm | <ul style="list-style-type: none">• Structuring Research Outputs• AI-Assisted Frameworks for abstracts, introduction, and outlines |
| | 1.30pm – 4.30 pm | <ul style="list-style-type: none">• Research Proposal Writing: Systematic Approaches with AI Support• Closing Discussion: Q&A and Future Trends in AI for Research |