RESOURCE PERSONS

Experts from leading global technology firms, AI research organizations, data analytics consultancies, and renowned academic institutions participated in the session on 'AI-Driven Critical Thinking for Problem Solving and Decision Making.' These resource persons brought with them a wealth of experience in artificial intelligence applications, cognitive computing, data-driven decision-making, and interdisciplinary research. Their diverse backgrounds provided a holistic perspective on how AI can augment human reasoning, foster analytical thinking, and support strategic solutions to complex real-world problems.

IMPORTANT INFORMATION

- This Workshop is for students and faculty members from academic institutions, research scholars, and participants from Industry.
- The workshop will be conducted in Offline mode.
- Seats are limited and the participants are selected by organizers on first come first serve basis.
- On completion of the programme, certificate will be provided.

FOR QUERIES CONTACT

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ELIGIBILITY

Academicians / Research Scholars / PG students / Industry Professionals

REGISTRATION FEE

PG students / Research Scholars – ₹ 150
Academicians – ₹ 300
Industry Professionals – ₹ 450

PAYMENT DETAILS

Account name: TRAINING AND CONSULTANCY
Bank: Indian Bank
Account Number: 6717786188
Branch: Peelamedu
IFSC Code: IDIB000S107

REGISTRATION FORM

https://forms.gle/D2K4MZJaYBkf2x9g7

SCAN QR CODE TO REGISTER

IMPORTANT DATES

Last Date for Registration   :   07/10/2025
Intimation of Selection   :   08/10/2025

Workshop

on

AI- DRIVEN CRITICAL THINKING FOR PROBLEM SOLVING AND DECISION MAKING

10th October 2025

**Organized by
Department of Computing
(Data Science &
Decision and Computing Sciences)**

**Coimbatore Institute of Technology
Coimbatore – 641014**

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ABOUT THE INSTITUTE

Coimbatore Institute of Technology (CIT) started in 1956 by Sri. V. Rangasamy Naidu is reckoned for its academic excellence in Engineering and Technology. CIT is a Government Aided Autonomous Institution affiliated to Anna University, Chennai.

The institute has a reputation with service of competent, well qualified faculty and dynamic management to set highest standards in engineering, research and development. CIT offers under graduate, post graduate and Ph.D. programmes with a global standard curriculum promoting the students to compete internationally.

The institute has collaboration with leading frontier universities and industries in India and abroad for the promotion of innovative research and development. National Institutional Ranking Framework (NIRF), MHRD, Govt. of India has ranked CIT with 1st place in Tamil Nadu for Graduate Outcome.

ABOUT THE DEPARTMENT

The Department of Computing, established in 1988, the beginning of the era of IT Revolution to promote Computer Science Education, has evolved into one of the most vibrant departments in CIT with its committed faculty and motivated students. The Department of Computing endeavors to make the students, world class software engineers, data scientists, decision makers and AI scientists with prudence of pioneering the solutions to the challenges of the nation and the world.

The Data Science programme focuses on Data Analytics to drive insights for the design and development of intelligent systems across diverse domains

The Decision and Computing Sciences programme thrives to integrate management and technology to develop systems for informed decision making across all functional areas of business domains

ABOUT THE WORKSHOP

This Workshop is meticulously designed to equip educators and professionals with the knowledge and practical expertise to harness Artificial Intelligence (AI) for fostering critical thinking, structured problem-solving, and data-driven decision-making. By integrating AI tools and techniques into academic and administrative practices, participants will gain a transformative edge in addressing complex challenges, enhancing pedagogical effectiveness, and driving innovation in real-world and institutional contexts.

LEARNING OUTCOMES

- Understand core AI concepts and their educational relevance.
- Apply AI in structured problem-solving techniques.
- Use AI tools to enhance teaching, research, and assessment.
- Evaluate ethical aspects of AI in academics.
- Design AI-integrated learning activities.
- Collaborate using AI for academic decision-making.

COURSE CONTENTS

- Foundational understanding of AI Concepts
- Developing Critical Thinking through AI
- Hands-on exposure to AI Tools
- AI- Driven Decision Making
- Ethical and responsible use of AI
- Collaborative thinking and Design Thinking
- Scenario based Decision Making
- Enhanced Research Productivity

ORGANIZING COMMITTEE
CHIEF PATRON

Thiru. R. Santossh
Managing Trustee / Chairman,
CIT Institutions
Shri.S.Rajiv Rangasami
Correspondent, CIT Institutions, Coimbatore.
Sri Vishnu Nischal Rajkumar
Director – Admissions,
CIT Institutions

Patrons

Dr. A. Rajeswari
Principal,
CIT, Coimbatore

Dr. N. R. Alamelu
Chief Academic Officer
CIT & CIT Sandwich
Polytechnic College

CONVENERS

Dr. S. Suganthi
Professor & Head
Department of Data Science
Coimbatore Institute of Technology, Coimbatore
Dr. A. Kannammal
Professor & Head
Department of Decision and Computing Sciences
Coimbatore Institute of Technology, Coimbatore

CO-ORDINATORS

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