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# DATA SCIENCE & EXPLORATION IN ARTIFICIAL INTELLIGENCE - CODE AI 2025

7<sup>th</sup>April - 8<sup>th</sup> April 2025

Location: MAHE, Dubai, UAE

DEPARTMENT OF INFORMATION TECHNOLOGY

MANIPAL INSTITUTE OF TECHNOLOGY

MANIPAL ACADEMY OF HIGHER EDUCATION (MAHE), BENGALURU

in collaboration with

SCHOOL OF ENGINEERING & IT (SoEIT)

MANIPAL ACADEMY OF HIGHER EDUCATION (MAHE), DUBAI, UAE





























### **CALL FOR PAPERS**

We invite submissions to the CODE AI 2025 Conference. This year, we are offering three distinct submission types:

- Regular Papers
- Short Papers
- Special Issue Tracks

### SPECIAL ISSUE TRACKS

This year, we are proud to introduce two Special Issue Tracks that highlight groundbreaking advancements in artificial intelligence and its applications:

- Advances in Secure Computing: Discrete Mathematics, Cryptography, and Al
- Advances in Artificial Intelligence and Data Science: Applications in Management Practices and Skills

Each track provides an excellent opportunity for researchers to contribute to and engage with the latest developments in these critical fields.

### **TOPICS FOR CODE AI - 2025**

The conference covers a broad range of topics on Information Technology and Artificial Intelligence. Research Papers are invited (but not limited to) the following sub themes:

- Exploration Techniques in Al and Data Science
- Explainability and Interpretability in Al-Driven Data Science
- Al-Powered Data Integration
- Data-Driven Decision Making Using Al
- Deep Learning for Data Analytics
- Data Exploration in IoT and Edge Environments
- Advanced Data Visualization Techniques
- Al for Real-World Challenges in Data Science
- Ethical and Responsible Al in Data Science
- Emerging Trends in Data Exploration

Submission Link: https://cmt3.research.microsoft.com/CODEAI2025/

#### **Important Dates:**



- Submission Start Date: 10th November 2024
- Submission Deadline: 15th January 2025
- Acceptance Notification: 1st February 2025
- Registration Deadline: 1st March 2025

### REGISTRATION FEES

Early Bird Registrations till 31st December 2024

Registration Fee	UG / PG / Research Scholars	Academicians / Faculty	R&D Organizations / Industry	Attendees
Participants from India	INR 11000*/-	INR 13000*/-	INR 15000*/-	INR 4000*/-
Participants from Abroad	USD 150*/-	USD 180*/-	USD 200*/-	USD 75*/-

#### **Regular Registrations**

Registration Fee	UG / PG / Research Scholars	Academicians / Faculty	R&D Organizations / Industry	Attendees
Participants from India	INR 12000*/-	INR 14000*/-	INR 16000*/-	INR 5000*/-
Participants from Abroad	USD 200*/-	USD 250*/-	USD 300*/-	USD 85*/-

#### **AWARDS AND RECOGNITION:**

CODE Al 2025 recognizes outstanding contributions to the field with the following awards:

- Best Paper Award
- Best Presenter Award
- Best Student Paper Award
- Best Paper Award in the Category of SDG
- Women in Engineering (WiE) Award

### **ABOUT CODE AI - 2025**



CODE AI - 2025 serves as a nexus for global visionaries, uniting to bridge research gaps and foster international collaborations that shape the trajectory of careers. Participants are not just attendees; they are catalysts of progress, sharing their scientific knowledge to ignite future advancements.

The heart of the conference lies in Intelligent Computing, where algorithms like Genetic Algorithms, Simulated Annealing, and Artificial Fish Swarm take centre stage. Neural Networks, Machine Learning, and DNA Computing converge, while Quantum Computing and Fuzzy Logic open doors to uncharted territories. In the realm of Al Applications, CODE Al - 2025 explores Biometrics, Pattern Recognition, Computer Vision, and Machine Vision, unravelling the secrets of Fingerprint, Face, and Iris Recognition. Expert Systems, Speech Recognition, and Smart Robotics pave the way for human-computer synergy.

This conference isn't just about talks it's where minds worldwide come together to bridge research gaps and build global bonds in the realm of computing. We're all about sparking that motivation to dive into our conference theme, and we're not shy to show gratitude for sharing your scientific know-how. With papers covering smart computing's ins and outs and even the tough spots – we're here to boost the spotlight on game-changing tech and how it can crack real-world problems in different fields.

### **KEYNOTE SPEAKERS**



**Dr. Hong Lin** 

Professor
Department of Computer Science
University of Houston
Downtown, USA



Dr. Jalil Piran

Head
Department of Computer Science and Engineering
Sejong University
Seoul, South Korea



## **CHIEF PATRONS**



Dr. Ramdas M Pai
Chancellor, MAHE



Dr. Ranjan R Pai President, MAHE

## **PATRONS**



Dr. H. S. Ballal Pro Chancellor, MAHE



Lt. Gen. (Dr.) M.D. Venkatesh Vice-Chancellor, MAHE



Prof. (Dr.) M. Veeraraghavan Pro Vice Chancellor, MAHE Bengaluru



Dr. Narayana Sabhahit
Pro Vice Chancellor, Technology
and Science, MAHE



Dr. Giridar Kini Registrar MAHE Manipal



Dr. Raghavendra Prabhu

Deputy Registrar

MAHE Bengaluru



Dr. S. Sudhindra Academic President MAHE, Dubai, UAE



Dr. Iven Jose
Director
MIT Bengaluru



Dr. S. K. Pandey
Dean -STEM Programs
MAHE, Dubai, UAE



Dr. Prema K. V.

Associate Director, Professor and Head Department of CSE - MIT Bengaluru

## **GENERAL CHAIR**





Dr. Dayananda P.

Professor and Head
Department of IT - MIT Bengaluru

## **PROGRAM CHAIRS**



Dr. Gururaj H. L.
Associate Professor
Department of IT - MIT Bengaluru



Dr. Shreyas J.

Assistant Professor
Department of IT - MIT Bengaluru



Dr. Sophia Rahaman
Program Director - Comp. Sci & IT
SoEIT - MAHE, Dubai, UAE



Dr. Gopalakrishnan T.

Associate Professor
Department of IT - MIT Bengaluru

# **TECHNICAL CO-CHAIRS**



Prof. Keshav Kaushik
Assistant Professor
AMITY University Punjab



Mr. Aryan Chaudhary
Chief Scientific Advisor
BioTech Sphere Research, India

### **PUBLICATIONS**



All accepted and presented papers in the conference will be published in Communications in Computer and Information Science (CCIS-Springer) and will be indexed by Scopus.

Extended version of selected high quality papers will published in SCI and Scopus Indexed Journals.

Selected and Extended Papers of the Conference will be published in the following Journals:

- 1. Frontiers in Digital Health, Frontiers, SJR: Q1
- 2. Journal of Discrete Mathematical Sciences and Cryptography, SJR: Q1
- 3. SN Computer Science, Springer Nature, SJR: Q1
- 4. CNS Neurosciences and Therapeutics, Wiley, SJR: Q1
- 5. Journal of Sensors, Wiley, SJR: Q2
- 6. BJIT International Journal of Information Technology, Springer Nature, SJR: Q2

  Additionally, selected papers may also be published in other high-impact journals.

## **PUBLICATION ETHICS**

#### 1. Originality of Submission

Authors must submit only original work not under consideration elsewhere.

#### 2. Plagiarism Limit

The manuscript should have less than 15% similarity to other works.

#### 3. Prohibition on Generative Al Content

Generative AI tools for content creation are not allowed. Language editing tools are permitted if disclosed.

#### 4. Research Ethics Compliance

Authors must adhere to COPE standards on research ethics and integrity.



# **HIGHLIGHTS FROM CODE AI - 2024**













#### FOR FURTHER INFORMATION:







