



**CENTRE FOR RESEARCH**  
**ANNA UNIVERSITY, Chennai - 600 025**  
**Tamil Nadu, INDIA**



# International Conference on **RESEARCH TRENDS IN AI AND IoT FOR INFRASTRUCTURE AND INDUSTRY - AIII 2024**

6<sup>th</sup>-8<sup>th</sup> March, 2024

## AIII 2024

Centre for Research is constantly motivating young researchers to pursue research with passion and innovate new ideas. Sustainable socially relevant research is the need of the hour. New research ideas would emerge when academia and industrial experts interact. A platform to discuss the advancements and challenges in engineering domains will enable researchers to get more research insights and knowledge of cutting-edge technologies. This international conference is to bring in eminent researchers and academicians on a single platform to discuss and disseminate research ideas in implementation of Artificial Intelligence (AI) and Internet-of-Things (IoT) for infrastructure and industry. Pre-conference workshops are planned on AI application. This conference would have keynote addresses from national and international experts and, research paper presentations.

## TOPICS

Research Papers on the following topics and related topics are invited.

- IoT Communication Architecture and Technologies
- IoT Test Beds
- IoT Analytics
- Resilience in IoT
- Vehicular Communication Networks Using IoT
- IoT Infrastructure for Next-Generation
- IoT for Industrial & Engineering Applications
- Security and Privacy in IoT
- IoT enhanced Augmented Reality & Virtual Reality
- Blockchain Technologies for embedded IoT devices
- Battery-less systems for IoT
- Non-linear Systems and Control
- Mobile & Wearable IoT Devices
- Smart Healthcare Systems
- Wireless Sensor Technologies
- Wireless Mesh Networks
- Artificial Intelligence and Edge Computing
- Computer Vision
- Cyber-Physical Systems
- Machine Learning
- Fuzzy and Neural Networks
- Data Mining
- Distributed Computing
- Big Data
- Game Playing and Problem Solving
- Cognitive Informatics
- Smart Grids
- Embedded Systems and Applications
- Intelligent Machines
- Computational Mechanics
- Energy Efficiency and Sustainability Aspects of IoT
- Environmental Sensing using IoT
- Disaster Management using IoT
- Social and Ethical Aspects of IoT
- IoT in waste management
- Water Resources and Management
- Smart Environments & Applications
- Clean Technology
- AI in Civil & Architecture
- 3D Printing in Construction
- Construction Safety
- Fire Engineering
- Smart Engineering Materials (Polymers and Plastics)
- Renewable Energy Sources
- Remote Sensing
- Modern Construction Materials
- Rehabilitation of Structures
- Transportation Engineering
- Geo-Environmental Engineering
- Urban Planning
- Municipal Engineering
- Environment and Technology
- Geology and Mining
- Biotechnology

## DEADLINES

SUBMISSION OF ABSTRACT

**NOV. 20<sup>TH</sup> 2023**

SUBMISSION OF  
 FULL-LENGTH PAPER

**DEC. 15<sup>TH</sup> 2023**

INTIMATION OF SELECTION

**DEC. 25<sup>TH</sup> 2023**

EARLY BIRD REGISTRATION

**DEC. 31<sup>ST</sup> 2023**

REGISTRATION

**JAN. 15<sup>TH</sup> 2024**

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