



CALL FOR PAPERS

RAIT 2027

7th International Conference on Recent
Advances in Information Technology

March 12-13,
2027

IIT (ISM) Dhanbad,
Jharkhand, India

IMPORTANT DATES

Paper Submission	October 02, 2026
Notification	November 30, 2026
Camera-ready	December 15, 2026

Submit original research in
information technology and
applied computing.

Submission portal

cmt3.research.microsoft.com/RAIT2027

CONFERENCE TRACKS

TOPICS INCLUDE, BUT ARE NOT LIMITED TO

01

AI, Information
Systems & Robotic
Process Automation

- Agentic AI and autonomous systems
- Multimodal and generative AI (LLMs and Foundation Models)
- AI-powered information governance
- Hyperautomation frameworks
- Federated learning and privacy-preserving AI
- Algorithmic game theory and mechanism design

02

Signal and Image
Processing and
Computer Vision

- Fundamentals and applications of signal processing
- Advanced image and video processing
- Computer vision and pattern recognition
- Computer vision for quality control
- Vision and sensing for cyber-physical systems
- Medical image processing and analysis
- Document image processing and analysis

03

Big Data Analytics,
Cloud Computing &
Cyber Security

- Real-time streaming and records analytics
- Data observability and reliability
- Cloud and Fog computing architectures
- Quantum Computing as a Service (QaaS)
- Post-Quantum Cryptography (PQC)
- Ransomware detection and Zero-Trust architectures

04

IoT in Industry,
Advanced Computing
& Intelligent Networks

- Digital twins for real-time optimization
- Blockchain-enabled IoT security
- Edge AI and TinyML for IoT devices
- Autonomous robotics and UAV / UGV systems
- Neuromorphic computing
- Intelligent cognitive radio networks
- Distributed algorithms and network protocols

COMMITTEE

PATRONAGE

Prof. Sukumar Mishra
Patron, Director, IIT (ISM)

Prof. Chiranjeev Kumar
Advisory

GENERAL
CHAIRS

Prof. Partha Pratim Roy,
Prof. Soumen Bag,
Prof. Pranay Kumar Saha

ORGANIZING

Prof. Annavarapu Chandra Sekhara Rao
Prof. Anjan Chowdhury
Organizing Chairs

PROGRAM
CHAIRS

Prof. Rahul Gangopadhyay,
Prof. Dharavath Ramesh, Prof. Hari Om,
Prof. Sushanta Mukhopadhyay

TRACK CHAIR COMMITTEES

TRACK 01

Prof. Haider Banka,
Prof. Saurabh Srivastava,
Prof. Mauajama Firdaus
AI, Information Systems & Robotic Process Automation

TRACK 02

Prof. Rajendra Pamula,
Prof. Pranav Bisht,
Prof. Anjan Chowdhury
Signal & Image Processing, Computer Vision

TRACK 03

Prof. Sachin Tripathi,
Prof. Arup Kumar Pal,
Prof. Nikhil Tripathi
Big Data Analytics, Cloud Computing & Cyber Security

TRACK 04

Prof. Amgoth Tarachand,
Prof. Tanushree Kaibartta,
Prof. Jaishree Mayank
IoT, Advanced Computing & Intelligent Networks

SN

Special Issue Opportunity

Selected top papers will be invited for a special issue in Springer SN Computer Science journal. We are currently working on the approval process.

All accepted and presented papers will be published in IEEE Xplore.

Recent Advances in Information Technology · Hosted by IIT (ISM) Dhanbad

rait@iitism.ac.in
people.iitism.ac.in/~rait/