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ABOUT THE ORGANIZATION

The Institute of Information Technology & Management (IITM) is affiliated with Guru Gobind Singh Indraprastha University (GGSIPU) in New Delhi. Accredited Grade "A" by the National Assessment and Accreditation Council (NAAC) and approved by the All India Council for Technical Education (AICTE), IITM holds esteemed recognition in the educational landscape.

Notably, IITM has been rated as Category 'A+' by the State Fee Regulatory Committee (SFRC) and 'A' by the Joint Assessment Committee (JAC), constituted by GGSIPU and the Directorate of Higher Education, Government of NCT of Delhi. Additionally, IITM is recognized under Section 2(f) of the UGC Act.

The Institute offers AICTE-approved Master of Computer Application (MCA) and Master of Business Administration (MBA) programmes, alongside GGSIPU-conducted Bachelor programs including Business Administration (BBA), Computer Application (BCA), Commerce (B.Com Hons.), and Journalism & Mass Communication (BA(JMC)), IITM caters to a diverse spectrum of educational needs.

With a steadfast commitment to academic excellence spanning over 24 years. The institute takes pride in fostering a conducive academic environment, endowed with a dedicated faculty & state-of-the-art infrastructure.

ABOUT THE CONFERENCE

The conference aims to convene esteemed research scholars and faculty members spanning various disciplines within Computer Science and Information Technology. These fields include but are not limited to Artificial Intelligence, Deep Learning, Federated Learning, Generative AI, Big Data, Internet of Things, Cybersecurity and Data Privacy, Blockchain, Networks and Data Communication, and Data Science and Engineering, alongside allied research areas.

The primary objective of the conference is to establish a unified platform for scholars to showcase their research endeavors. ICACIA-2024 aims to serve as a global platform facilitating interaction, discourse, and the cultivation of innovative ideas to foster excellence in research within the realms of Computer Science and Information Technology.



Institute of Information Technology & Management

Guru Gobind Singh Indraprastha University, New Delhi

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Approved by AICTE. Recognised Under Section 2 (f) of the UGC Act, 1956



International Conference

on

Advances in Computational Intelligence and Applications (ICACIA-2024)

in association with IQAC

June 21-22, 2024

SUPPORTED AND PROMOTED BY



KNOWLEDGE PARTNER



CALL FOR PAPERS

The Conference will be organized in hybrid mode on the following Five parallel tracks

TRACK -1 ARTIFICIAL INTELLIGENCE

- Artificial Intelligence
- Machine Learning
- Applications of Machine Learning
- Computational Theories of Learning
- Natural Language Processing
- Pattern Recognition
- Hybrid Intelligent Systems
- Data Mining
- Semantic Web Techniques and Technologies
- Bioinformatics
- Soft computing
- Deep Learning
- Federated Learning

TRACK 2: INTERNET OF THINGS

- Smart City Opportunities using Green Technology
- Industrial Internet of Things
- IoT Enabling Technologies
- IoT Multimedia
- IoT Experimental Results and Deployment Scenarios
- Social Implications for IoT and Sustainable Development
- Semantic Interoperability in the IoT, WoT and Open-Source Solutions
- Security and Privacy concerns in IoT
- IoT Applications
- Robotics (From AI)

TRACK 3: CYBER SECURITY AND DATA PRIVACY

- Cyber-physical systems
- Applied Cryptography
- Security for critical infrastructures
- Computer and network forensics
- Web security, mobile security and e-mail security
- Intrusion detection and prevention
- Organizational governance for information assurance
- Security and privacy in wireless networks
- Network security policy, theory and tools
- Blockchain Technology - Applications & Services

TRACK 4: NETWORKS AND DATA COMMUNICATION

- Wireless access and routing protocols
- Mobile social and ambient networks
- Delay tolerant networks
- Mobile and wireless broadband access networks
- Advanced and multidimensional networks (including WSNs, MANETs, VANETs, P2P)
- Optical Networking and Applications
- Network Applications and Management Processes
- Datacenter networks and Cloud Computing
- High Performance Computing
- Mobility Management in Next Generation Networks

TRACK 5: DATA SCIENCE AND ENGINEERING

- Data Integration, Interoperability and Metadata for Cross-media data analytics
- Ubiquitous Data Management and Mobile Databases
- Query processing, query optimization, and data structures
- Semi-structured data and XML databases
- Distributed, parallel and Peer to Peer databases
- Web Data Management and Deep Web
- Data Grids, Data Warehousing
- Temporal, Spatial, and Multimedia databases
- Mathematical, probabilistic and statistical models and theories
- Architecture, management and process for data science
- Big data visualization, modeling and analytics
- Code-mixed Query Expansion
- Optimization Techniques(From AI)

TRACK 6: APPLICATION OF TECHNOLOGY & AI IN BUSINESS

- Leadership with AI
- Marketing with AI & Technology
- AI Business Strategies
- AI Related to Management
- AI Implications for Business
- Finance and AI
- HR and AI
- Sustainability and AI

PAPER SUBMISSION

Research Papers are invited on the theme and sub themes of the conference. Corporate Executives, researchers, academicians and students are invited to contribute original and unpublished research papers on the sub themes of the conference. Papers to be submitted on

Email: conference@iitmipu.ac.in

The selected papers shall be published in conference proceedings and journal of repute.

IMPORTANT DATES

Submission of Abstract
Submission of Full Length Paper
Paper Acceptance Notification
Camera Ready Paper Submission
Registration Deadline

April 27, 2024
May 11, 2024
May 25, 2024
June 02, 2024
June 08, 2024

REGISTRATION FEES

Category	Registration Charges
Student	₹ 700
Research Scholars	₹ 1500
Academicians	₹ 2000
Industry Delegates	₹ 4000
International Delegates	\$ 50

Spot Registration ₹2000
10% discount for early bird registration (Till May 30, 2024)

CONTACT US

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