



VIT[®]
BHOPAL
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International Conference on
**Machine Intelligence, Tools
and Applications (ICMITA)**



21 - 23
DECEMBER 2023

UNIVERSITY
CAMPUS



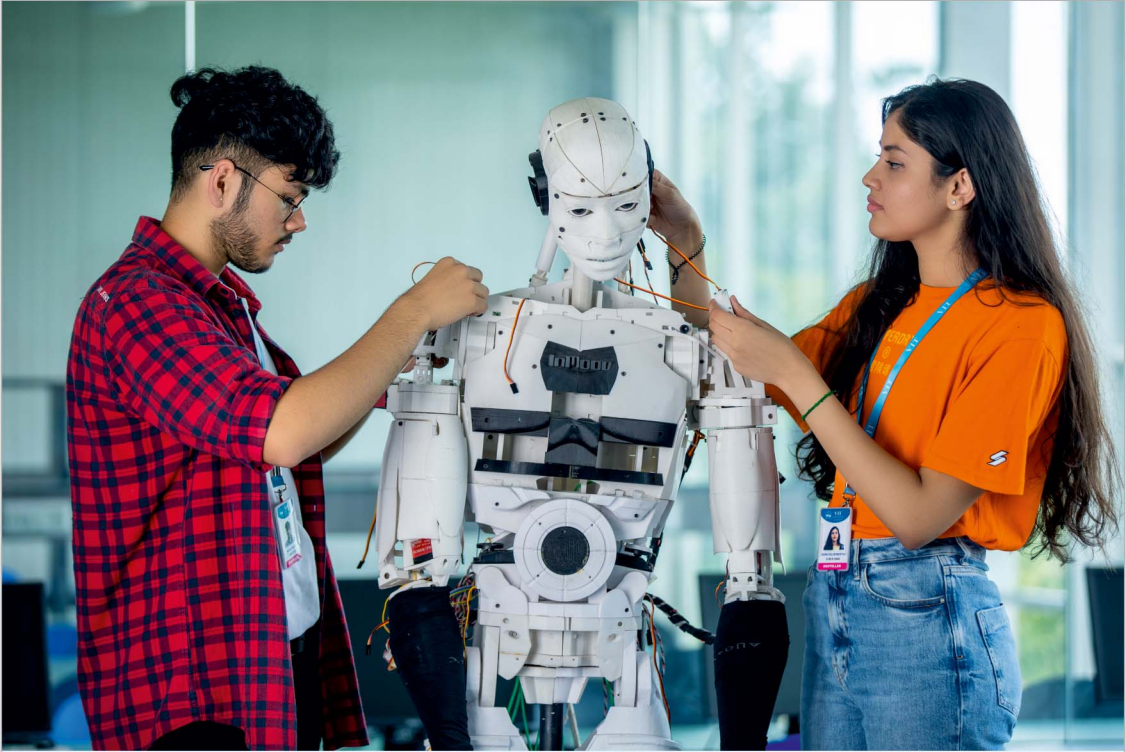
ABOUT ICMITA 2023

The International Conference on Machine Intelligence, Tools and Applications (ICMITA) aims to bring together leading academic, scientists, Industry experts, researchers and scholars to exchange and share their knowledge about all aspects of machine Intelligence tools and its applications. It also provides the premier inter-disciplinary forum for researchers to explore the latest innovations within AI, Big Data, and covering the impact it has across the technology aspects. The conference serves as a platform for researchers, professionals, enthusiasts, practitioners and industry experts to gather, exchange ideas, present their latest findings and discuss emerging trends and challenges in the field. ICMITA conference aims to emphasize the applications of Machine Intelligence and key tools that impact recent technology applications and innovations. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world.

VIT BHOPAL UNIVERSITY

The VIT legacy, started from Vellore Engineering College 37 years ago under the visionary leadership of Dr. G. Viswanathan, Founder-Chancellor, to offer world-class education for the development of society. VIT Bhopal University is ably spearheaded by Dr. G. Viswanathan, Chancellor, Mr. Sankar Viswanathan, Vice President, Ms. Kadhambari S. Viswanathan, Assistant Vice President. The University is witnessing tremendous growth under the guidance of Dr. Senthil Arumugam, Vice Chancellor (I/c). They share the mission to make VIT a global center of education. Starting from the 2017 academic year, the new Ultra-modern university campus, sprawling over 300 acres, is in the town of Kothrikalan, District Sehore, surrounded by green, lush fields and a serene environment. This new and contemporary campus is aiming to become the primary hub of education, with leading-edge and high-tech developments in a wide variety of areas. At present, VIT Bhopal University offers core engineering programs such as Computer Science and Engineering Mechanical Engineering, Aerospace Engineering, Electronics and Communication Engineering leading to B. Tech degree, M. Tech and allied subject programs such as MSc, MCA, BBA, etc., are also offered. At VIT Bhopal University, the extra-curricular activities and employment needs of the students will be taken care of by various clubs and dedicated career development cells.





ABOUT SCSE SCHOOL

The School of Computing Science and Engineering (SCSE) was established in 2017 and offer 6 UG Programmes, 5 PG Programmes and PhD in seven verticals that includes Core Computing and Applications, AI/ML, Data Science, Cloud Computing, Healthcare Informatics, Gaming and Cyber Security. We have well qualified, the experienced, diversified, specialized pool of faculty members from different states of India. Our teaching-learning is facilitated through Fully Flexible Credit System (FFCS) and Collaborative Active Learning through Technologies (CALTECH). Knowledge Acceleration is being done through Extra-Curricular and Co-Curricular Venues such as Student Clubs, Technical Chapters and Associations. The SCSE is strongly connected to the Indian Council for Medical Research (ICMR), Bhopal, and Central Academy for Police Training (CAPT) at Bhopal, Archeological Survey of India (ASI), Bhopal, EC Council, NASSCOM Future Skills through Tie-ups and MoU on various Outreach/Research Capacities. If your passion is for computing, you have landed at the right place. You can explore opportunities, participate and excel to create your destiny.

THEMATIC AREAS

The ICMITA-2023 Conference themes, grouped in three tracks, are the following (but are not limited to):

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Machine Intelligence Theory and Practices
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Machine Intelligence for Health Informatics
.....

Machine Intelligence for Security
.....

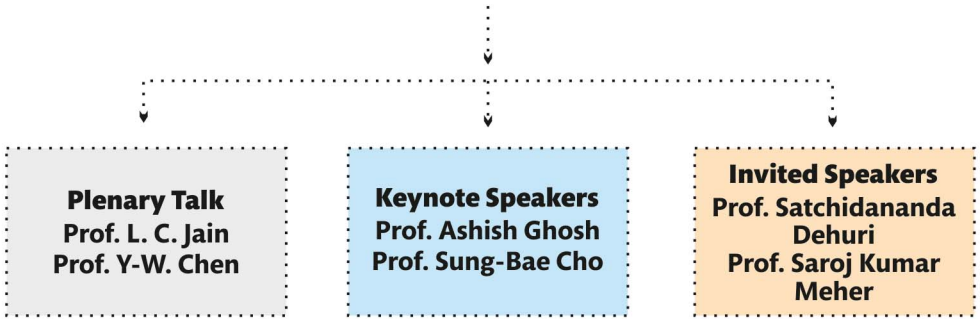
Machine Intelligence for Ambient Technologies
.....

Machine Intelligence for Agriculture and Technology
.....

Machine Intelligent Tools for Education,
Research, And Industrial Applications



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CALL FOR CONTRIBUTIONS

Prospective authors are kindly encouraged to contribute to and help shape the conference through submissions of their research abstracts, papers and e-posters. Also, high quality research contributions describing original and unpublished results of conceptual, constructive, empirical, experimental, or theoretical work in all areas of computational intelligence, data science, health informatics, communication and applications are cordially invited for presentation at the conference. The conference solicits contributions of abstracts, papers and e-posters that address themes and topics of the conference, including figures, tables and references of novel research materials.

Selected papers from the conference will be published by SCOPUS indexed Springer in Communications in Computer and Information Science (CCIS) subject to the approval of springer as a proceedings book volume. Springer will conduct quality checks on the accepted papers and only papers that pass these checks will be published. Springer Nature does not charge any money for the publication of Non-Open Access content. Abstracts/extended abstracts and short papers (less than 4 pages) are not considered for publication.

You can submit the papers using the easychair link:

<https://easychair.org/conferences/?conf=icmita2023>

TRACKS

The ICMITA-2023 Conference Themes, Grouped in six tracks,
are the following (But Are Not Limited To):

Track 1: MACHINE INTELLIGENCE THEORY AND PRACTICES

- Machine Learning • Deep Learning • Physics-Based Machine Learning
 - Machine Learning for Computer Vision Solutions • Machine Learning for Image Processing Solutions • Multimedia Systems • Multimedia Tools
 - Machine Intelligence for Data Science
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Track 2: MACHINE INTELLIGENCE FOR HEALTH INFORMATICS

- Alzheimer's Disease Prediction • Parkinson's Disease Prediction • Sleep Disorder • Dental Image Analysis • Novel Disease Prediction • Skin Cancer Detection

Track 3: MACHINE INTELLIGENCE FOR SECURITY

- Blockchain
 - Mobile and Wireless Security
 - Biometric Systems
 - Intrusion Detection
 - Cryptography
 - Digital Forensics
 - Denial of Service Protection
 - Steganography
 - Monitoring and Surveillance
 - Security, Privacy and Trust by Design
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Track 4: MACHINE INTELLIGENCE FOR AMBIENT TECHNOLOGIES

- Internet of Things (IoT)
 - Augmented Reality
 - Smart Cities
 - Virtual Reality
 - Assistive Technologies
 - Wearable Computing Systems
 - Intelligent Transportation
 - Industrial IoT
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Track 5: MACHINE INTELLIGENCE FOR AGRICULTURE AND TECHNOLOGY

- Weed Detection
 - Plant Disease Detection
 - Smart Agriculture Technology
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Track 6: MACHINE INTELLIGENT TOOLS FOR EDUCATION, RESEARCH, AND INDUSTRIAL APPLICATIONS

- E-Learning Tools
- Mobile Learning
- E-Learning Organizational Issues
- Gamification
- Collaborative Learning
- Curriculum Content Design
- Educational Systems Design
- Virtual Learning Environments
- Web-Based Learning
- Delivery Systems and Environments



IMPORTANT DATES

Call for Paper	1st August 2023
Paper Submission deadline	15th October 2023
Final Acceptance	25th October 2023
Camera Ready Paper Submission	31st October 2023
Conference Date	21 – 22 December 2023

REGISTRATIONS

CATEGORY	REGISTRATION FEE
Students / Research Scholars	Rs. 4000
Academicians / Faculty	Rs. 6000
Industry People	Rs. 6000
International Participants	\$100



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