SHRI MADHWA VADIRAJA
INSTITUTE OF TECHNOLOGY & MANAGEMENT
(A Unit of Shri Sode Vadiraja Mutt Education Trust®)
Vishowthama nagara, Bantakal- 574115

SMVITM

CISC 2024
International Conference on
Computational Intelligence and Smart Communication

CALL FOR PAPERS

General Chairs
Dr. Nagaraj Bhat, SMVITM
Dr. Soumya J. Bhat, SMVITM
Dr. Guruprasad, SMVITM
Dr. Parameshachari B. D., NMIT, Bengaluru
Ms. Rekha P., ANZ Bank Ltd, New Zealand

Technical Program Chairs
Dr. Bharti Panjwani, SMVITM
Dr. Shilpa Kamath, SMVITM
Dr. Renita Sharon Monis, SMVITM
Mr. Vinod Bhagwat, IBM Technologies, Ireland
Dr. Ashwini V. R., CEC, Mangaluru

Important Dates
Submission starts
15th May 2024

Last date of Submission
15th September 2024

Intimation of Acceptance
15th October 2024

Last Date of Registration
15th November 2024

Submission of Camera-ready Papers
30th November 2024

Conference Dates
20th & 21st December 2024

For more details:
Website: https://sode-edu.in/cisc

For general queries, contact:
Dr. Bharti Panjwani, 7017495148
Dr. Shilpa Kamath, 9482440940
Dr. Renita Sharron, 9900581417

Email: cisc@sode-edu.in

The theme of CISC-2024 is current trends and developments in soft computation, artificial intelligent systems and smart communication. We invite authors to contribute to the conference by submitting their original articles that showcase research findings, projects, survey works, and industrial experiences illustrating significant advancements in various areas.

The scope of CISC 2024 includes, but is not limited to, the following domains:

Topic 1: Cloud computing and IoT
Smart cities, Cloud as a Service, Cloud Infrastructure, Cloud Management and Operations, Cloud Performance, scalability, and reliability, Cloud Economics, Big Data in Cloud, Cloud Computing Architecture, Cloud Computing based IoT technologies, Cloud storage for IoT, IoT Applications and Services, Cyber-Physical Systems

Topic 2: AI, Machine learning and Data analytics
Active learning, reinforcement learning, Time series analysis
Deep learning models and applied intelligence, Transfer Learning and Ensemble Learning, Bayesian Networks and Heuristics, Predictive Analytics and applications, Data science and visualization, Natural language processing and applications, Hybrid intelligent systems

Topic 3: Modelling and Computational Techniques
System modeling techniques, Graph Theory & Combinatorics, Operations Research, Intelligent Planning and Systems, Fuzzy Logic and Systems, Evolutionary Computing Algorithms, Statistical approaches in data analytics, Probabilistic modelling and Reasoning, Optimization Techniques

Topic 4: Image Processing and Computer Vision
Imaging sensors and acquisition systems, Image feature extraction, multi camera fusion, Image and Speech Recognition systems, Biometrics and forensics, Satellite Imaging in agriculture, weather forecasting, Biomedical/genomic signal & image processing, Computer graphics, Video signal analysis and annotation, Wavelets and multiresolution processing

Topic 5: Health informatics and Biomedical systems
Digital health/Telehealth/Telemedicine, Human-Machine Interfacing, Computer-aided Diagnosis and Prediction, Biomedical Imaging and Visualization,, Disease Informatics and Modelling, Image guided surgery and Intervention, AI in healthcare

Topic 6: Network Security and Block chain
Security and Privacy for IoT, Security and privacy in Clouds and IoT Computer Network Security and Privacy, Computer and Network Forensics, Cyber Threat Intelligence, Data Security and Multiparty Access Control, Cryptography, Intrusion and Malware detection

Topic 7: Next-generation Communication
Wireless Sensor Networks (WSN), Adhoc Networks, Cellular Networks, Integrated Services Digital Networks (ISDN), Mobile Networks and computing, Optical Networking, Technologies, Cognitive Radio and Software Defined Radio, Satellite & Space Communications, Multimedia Communications, Multiple access techniques in Next-Gen Networks

Topic 8: VLSI and Microelectronics
VLSI Architectures and Algorithms, Semiconductor device Simulation and modeling, Nano & Micro-systems and sensors, FPGA Based Design and implementation, Analog/Digital Integrated Circuits & Systems, Memory and Chip design, power ICs and micro-sensors, CMOS Technology and Devices

Topic 9: Control and Automation
Robotics and Chatbots, Distributed control systems, Expert Control Systems, Process Control, Smart grid, Renewable energy

Paper Submission guidelines:
Full-length original articles in IEEE format should be submitted using Microsoft's Conference Management Toolkit (CMT) via link: https://cmt3.research.microsoft.com/CISC2024. Articles with a similarity index of less than 20 ONLY will be considered for the review. All submitted papers will be peer-reviewed by the Technical Program Committee (TPC) based on clarity, originality of work, and significance."