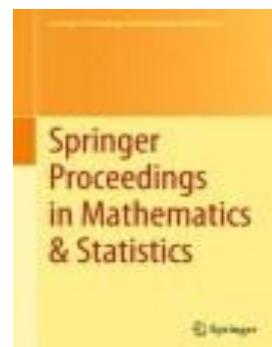


2nd International Conference on Data Science and Artificial Intelligence (ICDSAI) 2023

24-25th April 2023
(Online)



<https://icdsai2023.iaasse.org/>

Conference Proceedings

ALL ACCEPTED & PRESENTED papers will be published in SCOPUS indexed PROMS

<https://www.springer.com/series/10533>

Session – 8

Machine Learning, Deep Learning, Internet of Things, Networks and Security



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ICDSAI 2023 aims to provide a forum for researchers from both academia and industry to share their latest research contributions, future vision in the field, and potential impact across industries of Data Science and Artificial Intelligence.



Join us, 24-25 April 2023, to explore discovery, progress, and achievements related to various Data Science and Artificial Intelligence. The ICDSAI 2023 will provide its attendees with an uncommon opportunity to expand their network beyond their immediate professional environment. It is a unique chance to work with other accomplished individuals from diverse areas toward the common goal of shaping the future of communication, computing, and society.

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Topics of interest include, but are not limited to, the following

Artificial Intelligence and Its Applications

- ? Artificial Intelligence and Automation,
- ? Data Science and Big Data,
- ? Blockchain and Security,
- ? AI for Space Sciences and Applications
- ? Cryptography and Quantum Computing,
- ? Data Communications and Networks, 5G, 6G, Social Networks,
- ? Internet of Things and Its Applications, IIoT 4.0 and Embedded Systems,
- ? Computational Biology and Bio-Medical
- ? Informatics,
- ? AI for Neuroscience Applications
- ? Image, Signal Processing, and Multimedia,
- ? Cognitive Science and Algorithm Design
- ? Augmented Reality and Virtual Reality
- ? Cloud computing and Soft, Fog, Edge, Grid Computing,
- ? Internet and Web Applications.
- ? E-Commerce, E-Governance, and Game
- ? Theory and Applications
- ? Experimental Simulation and Modelling
- ? Techniques
- ? Intelligent Systems Architecture and advanced Holographic Projections



Submission : <https://equinocs.springernature.com/service/ICDSAI2023>



* Important Dates / Deadlines / FEES *

- Submission of **Paper** : **March 31, 2023**
- Notification of **Acceptance** : **April 07, 2023**
- Early Bird Registration** : **April 07, 2023**
- Oral Presentation** of selected works : **April 24-25, 2023**
- Submission of **Final paper** : **May 31, 2023**



The ICDSAI 2023 registration fees are as follows, and must be paid in USD or in local currency as per the current exchange rate.

Important Dates and Registration Fees

Category	Early Bird: on or before April 10, 2023		Regular Registration: April 11, 2023 - Till April 15, 2023		Spot Registration: April 24, 2023	
	IAASSE Members	Non Members	IAASSE Members	Non Members	IAASSE Members	Non Members
Full Time Students	70.00	95.00	95.00	125.00	120.00	150.00
Faculty/ Research Scholars	95.00	120.00	120.00	145.00	145.00	165.00
Industry	110.00	135.00	135.00	160.00	160.00	180.00

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Papers reporting original* and unpublished research results pertaining to the related topics are solicited. *(papers with plagiarism more than 30% will be outrightly rejected)

- **Full paper manuscripts must be in English of up to 10 pages as per format.**

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Topics of interest include, but are not limited to, the following

Machine Learning & Deep Learning

- ? Deep & Machine Learning Architecture for medical diagnosis
- ? Conventional Neural Networks for the classification of the images
- ? An insight into the variance of ML&DL algorithms and their applications
- ? Federated machine learning concepts and applications in the healthcare sector
- ? Optimization of deep learning networks
- ? Machine learning for critical healthcare
- ? ML & DL for industrial applications
- ? New methods for soft computing linked with deep learning
- ? Computational intelligence in the detection and the diagnosis of clinical bio-medical images
- ? Bio-inspired computing-based deep neural networks
- ? ML & DL for image segmentation and reconstruction
- ? Pattern recognition and Integration of AI and IoT for the prediction and analysis of health records

Computer Networks

- ? Next Generation Internet and Web Architectures
- ? Modeling & Simulation of communication Networks and Systems

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Amid prevailing conditions due to COVID19, a virtual meeting platform may be made available for all registered authors who intend to submit their work but are unable to attend the conference. Authors may register and present their paper through the virtual platform.

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- ? Mobile Networks & Wireless LAN
- ? New Network Architectures
- ? Network-Based Emerging Applications
- ? Network Protocols and Wireless Networks
- ? Big data/Cloud computing and networks
- ? QoS and Resource Management in Networks
- ? Routing, Switching, and Addressing Techniques
- ? Self-Organizing Networks and Networked Systems
- ? 5G/6G cellular systems and heterogeneous networks
- ? Artificial Intelligence (AI) and Autonomous Networking
- ? Vehicle-to-everything (V2X) and autonomous cars
- ? Wireless Multimedia Systems
- ? Recent Trends in Computer Networks

Internet of Things

- ? 5G Networks and IoT
- ? IoT and Personal Data Protection
- ? IoT Interoperability and Multi-Platform Integration
- ? Sensor and Actuator Networks
- ? IoT Protocols and Standards
- ? Wearables, Body Sensor Networks, Smart Portable Devices

- 7 Routing and Control Protocols
- 7 Edge Computing, Fog Computing, and IoT
- 7 Industrial IoT and Factory of Things and Internet of Things
- 7 Smart Home, Smart Cities, Smart Public Places
- 7 Smart Vehicle Automation
- 7 Smart Agriculture and Water Management
- 7 Smart factories and Industry 4.0
- 7 e-Health, Assisted
- 7 Living and e-Wellness
- 7 Smart Grid, Energy Management
- 7 Crowd-sensing, human-centric sensing
- 7 Big data and IoT Data Analytics
- 7 Mobile Cloud Computing (MCC) and IoT
- 7 Design principles and best practices for IoT application development

- 7 Emerging techniques and algorithms in Cryptography
- 7 Digital Signature Techniques
- 7 Big Data Techniques in Cyber Security
- 7 Forensic Analysis of Cyber Crimes
- 7 Secure Design, Tooling, and Engineering
- 7 Database security
- 7 Advance Security techniques
- 7 Cloud security
- 7 Security & Privacy for Emerging Technologies: VoIP, Social Networks
- 7 Cyber-Physical systems
- 7 Gaming Application Security
- 7 Cyber Security and AI
- 7 Malicious cryptography
- 7 Security-as-a-service
- 7 IIoT security and privacy

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**** About Session Chairs ****

Marada Srinivasa Rao is working as an Assistant Professor in the Department of Information Technology at MVGR College of Engineering (Autonomous) Vizianagaram. He is pursuing his Ph.D. in the Department of Computer Science and Engineering from GITAM Deemed to be University, Visakhapatnam. He published 22+ research papers in various International and National Journals and Conferences (UGC approved/Scopus/web of science). He participated in 5 International Conferences and 6 International and National workshops, and 4 FDPs. He filed 1 Patent published in the Indian Patent Journal, Govt. of India.

Dr. Mollie Srinivasa Rao is working as Professor in the department of computer science & Engineering at Dadi Institute of Engineering and Technology, JNTUK University, Kakinada, Andhra Pradesh India. He completed his Ph.D. in Computer Science and Systems Engineering (CS&SE) from Andhra University, Visakhapatnam, July 2018 and M. Tech in Computer Science & Technology (CST) from College of Engineering, Andhra University, 2003 and B. Tech from Chaitanya Bharathi Institute of Technology (CBIT), Osmania University, Hyderabad, 2001. Dr. M. Srinivasa Rao has more than 18 years of teaching experience in the field of Computer Science & Engineering. He published 20+ Research papers in various reputed (UGC approved, Scopus/ SCI / Web of Science) International and National Journals, magazines, and conferences. He is a member of different professional bodies like CSI, IAENG, EAI, LiveDNA, etc. He Guided 20 PG and 25 UG academic projects. His area of research is in Soft Computing techniques, Wireless Sensor Networks, Artificial Intelligence, Machine Learning, the Internet of Things, Data Science, etc.

Dr. Nagesh Vadaparathi is currently working as a Professor & Head of the Department of Information Technology, MVGR College of Engineering, Vizianagaram, Andhra Pradesh, India. He graduated from Nagpur University and completed Masters's and Doctoral degrees from JNTU Kakinada. He has 19 years of teaching experience, and his areas of interest include Hadoop & Big Data Analytics, Artificial Intelligence, Machine Learning, and Grid & Cloud Computing, apart from Medical Image processing & Emotion Recognition. He has published several research papers in National and International journals & conferences of repute. He has completed a funded project from IE(I) in the area of medical imaging and various consultancy projects specifically for the Police department of the Vizianagaram district. He has authored two books and has 4 patents to his credit. He was awarded "Jyeshtha Acharya" award by an NGO, BEEA. He is a Senior Member of IEEE, and a life member of IAENG, IACSIT, IFERP, IE (I), CSI, and ISTE.



If you have any queries.



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