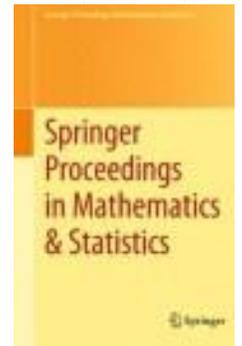# 2nd International Conference on Data Science and Artificial Intelligence (ICDSAI) 2023

24-25th April 2023

(Online)

Springer

Springer Proceedings in Mathematics & Statistics

https://icdsai2023.iaasse.org/

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Session – 5

Computational Intelligence in NLP and Computer Networks

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Papers reporting original* and unpublished research results pertaining to the related topics are solicited.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)

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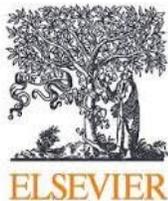
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Presentation through Virtual Platform

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.

Authors shall be sent a Certificate of Participation Conference Proceedings link and relevant literature by mail.

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.

https://icdsai2023.iaasse.org/sessions.html

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

Natural Language Processing

- Chunking / Shallow Parsing
- Information Extraction
- Lexical Semantics
- Fuzzy Systems
- Information Retrieval
- Dialog Systems
- Discourse
- Linguistic Resources

- Neural Networks
- Deep Learning
- Machine learning
- Machine Translation
- Probabilistic Reasoning
- Evolutionary Computing
- Pattern recognition
- Hybrid intelligent systems
- Software agents
- Rough Sets
- Symbolic machine learning
- Reactive Distributed AI
- Text Mining
- Text Classification
- Speech Recognition and Synthesis
- Spoken Language Processing
- Semantic Processing Law, Legal and Ethical issues

Image Processing

- Routing and Addressing
- Big Data Image Processing
- Deep image processing models for healthcare/industry applications
- Morphic Computing
- Quantum image processing
- Wavelet
- Deep learning-based image enhancement
- Vision-based human-computer interaction

- Automated & robotic imaging models
- Signal or Image Processing
- Vision Recognition
- Data Visualization
- Neuromorphic image processing
- Soft computing for image processing
- Artificial intelligence based image signal processing
- Geometric image processing and analysis
- Content-based retrieval and image generation
- 3D image processing models

Computer Networks

- Routing and Addressing
- Complex Networks
- Social Network Analysis
- Internet of Vehicles / Drone
- Traffic Networks
- Mobile e-commerce, multimedia
- Supply-chain Networks
- Wireless network architectures
- Gene Regulatory Network
- Mobile sensor networks
- Personal area networks
- Network Economics and Game Theoretic Modeling
- Power management and control, low-power protocols

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

* Important Dates / Deadlines / FEES ($ USD) *

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**
Online Paper Tentative : **July 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

** About Session Chairs **

Dr. U.S.N. Raju received the B.E. (CSE) degree from Bangalore University in 1998. He worked as a Software Engineer in INDIGO RDBMS Research and Development for two years (1999-2000). He completed his M. Tech. (Software Engineering) from JNT University in 2002. He completed his Ph.D. degree JNT University Kakinada in Computer Science and Engineering under the guidance of Dr V. Vijaya Kumar in February 2010. Presently he is working as Associate Professor at National Institute of Technology (NIT), Warangal. Before NIT Warangal, He worked in various reputed engineering colleges. He Published/presented around 70 papers in various National/International Journals/conferences. He is a Senior Member of IEEE, Fellow in Institute of Engineers India. He is a life Member in ISTE, CSI and ISCA, IEA. He guided FOUR Ph.D.s at NIT Warangal. He has visited China, UK, Thailand, Taiwan, Malaysia, Hong Kong, and USA to present his research work.

Dr. B Vishnu Vardhan is a qualified Teaching professional with more than 21 years of experience in Technical education and has completed his M. Tech from Birla Institute of Technology, Mesra, and Ranchi in the year 2001 and completed his Ph.D from JNTUH in the year 2008. He is having good Administrative exposure in conventional education system and is presently working as Principal and Professor of CSE at JNTUH College of Engineering Manthani, Karim Nagar. His experience in diversified and integrated research exposure in the area of Computer Science and Information Technology has paved a way in guiding many Research scholars in the elite fields of Engineering. Under his guidance 6 scholars were awarded Ph.Ds and another 8 scholar's research work is in progress. His areas of interests are Linguistic processing, Data mining, Natural language processing, Information security and Machine Learning.He is the recipient of "Research Excellence Award" by Indus Foundation at Indo global Education Summit 2017, Published more than 70 papers in various International Journals and Conferences. He is an editorial and technical board member for many International Conferences, Reviewer for many International Journals.

Dr. L K Suresh Kumar working as Associate Professor in Department of CSE, College of Engineering, Osmania University, Hyderabad. He did B.E in CSE, M.E in CS and Ph.D in CSE from Osmania University. He worked as a Director for Central computing center, UCE, OU and presently, He is acting as a Chairperson, BOS(Univ.) in CSE, UCE, OU. He delivered expert lecturers in reputed organizations. He executed funded projects and published research articles in reputed international journals and international conferences. He authored textbooks in the field of computer science. He has Professional Membership in IETE.

Dr. P. Vijayapal Reddy was completed Ph.D from JNTUH, Hyderabad in 2013. Presently, he is working as Professor and Head, Department of CSE, Matrusri Engineering College, Hyderabad. He published 3 patents and published 50+ research papers in reputed international journals and international conferences on various research domains. He published books with national and international publishers. He acted as session chair for different National and International Conferences. He has Professional Membership in CSI, ISTE, IFERP, and IAENG.

Dr. T. Raghunadha Reddy is currently working as Associate Professor in the Dept of Computer Science and Engineering, Matrusri Engineering College, Hyderabad, Telangana, India. Dr. T. Raghunadha Reddy completed his B.Tech (Computer Science and Engineering) from Mahatma Gandhi Institute of Technology, Hyderabad in 2003. He completed his M.Tech (Software Engineering) from the School of Information Technology (SIT), JNTUH, Hyderabad in 2005. He completed his Ph.D. in Computer Science and Engineering at Jawaharlal Nehru Technological University (JNTU), Hyderabad, Telangana. He worked in various reputed engineering colleges and he has 18 years of teaching experience. Currently, he is working as an Associate Professor in the Department of Computer Science and Engineering, Matrusri Engineering College, Saidabad, Hyderabad, Telangana. He published 50+ research papers in reputed international journals and international conferences on various research domains like Authorship Analysis, Text classification, Natural Language Processing, Information Retrieval, and Cloud Computing. He received the "Best Researcher Award" from IJIEMR ELSEVIER SSRN RESEARCH AWARDS 2020 and "Jyesta Acharya Award" from Bharath Education Excellence Awards in 2022 for his outstanding research work. He published five books with national and international publishers. He acted as session chair for different events. He delivered guest lectures at various FDPs and international conferences. He attended Various Faculty Development Programs on advanced technologies like deep learning techniques, big data analytics, natural language processing, medical imaging, machine learning, etc. He has Professional Membership in CSI, IET, IFERP, and IAENG. He is actively involved in various departmental and Institutional administration activities.

Dr. K. Sunil Manohar Reddy is currently working as Associate Professor in the Dept of Computer Science and Engineering, Matrusri Engineering College, Hyderabad, Telangana, India. He has 5 years of Industry experience and 15 years of Teaching Experience. He completed his B.Tech (Computer Science and Engineering) from Nagarjuna Institute of Technology and Sciences, JNTU in 2002. He completed his M.Tech (Computer Science and Engineering) from the Swamy Ramananda Thirtha Institute of Technology and Sciences, JNTUH, Hyderabad. He completed Ph.D from Delhi Technological University, Delhi. He published 40+ research papers in reputed international journals and international conferences on various research domains like Cloud Computing, Software Engineering and Big Data. He is a reviewer for various reputed journals and has membership in professional bodies like CSI, CSTA, IAENG, and ISCA. He is actively involved in various departmental and Institutional administration activities.

☞ If you have any queries.

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