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

24 -

25ᵗʰ **April 2023**

(Online)

https://icdsai2023.iaasse.org/
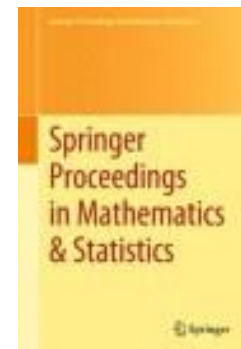
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Springer Proceedings in Mathematics & Statistics

Session – 6

Computational Intelligence for Sciences and It's Applications

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Submission Guidelines

Papers reporting original* and unpublished research results pertaining to the related topics are solicited.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

For authors convenience, Springer has summarized the in the Author Guidelines document how a proceedings paper should be structured, how elements (headings, figures, references) should be formatted using our predefined styles, etc. The PDF of the Authors Guidelines can be downloaded from the given link or as part of the zip files containing the complete sets of instructions and templates for the different text preparation systems.

Springer has developed LaTeX style files and Word templates to help prepare paper. LaTeX is the preferred format for texts containing several formulae, but Word templates are also available on the following link

https://www.springer.com/gp/authors-editors/conference-proceedings/conference-proceedings-guidelines

Submissions should **NOT** include the author(s) affiliation(s), e-mail address(es), and postal address(es) in the manuscripts. Papers will be selected based on their originality, timeliness, significance, relevance, and clarity of presentation. Paper submission implies the intent of at least one of the authors to register and present the paper, if accepted.

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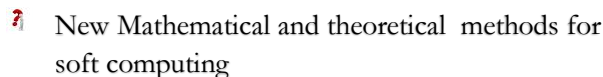
Topics of interest include, but are not limited to, the following:

Mathematical Computing for Artificial Intelligence

- Fuzzy Logic and Fuzzy Sets
- Mathematical essentials for AI and ML
- Deep & Machine Learning Architecture for medical diagnosis mathematical analysis
- Conventional Neural Networks for the classification of the computational environments
- An insight into the variance of ML&DL algorithms and their applications

- Mathematical concepts and applications in the healthcare sector
- Optimization of deep learning networks using Algorithms
- Machine learning for critical healthcare diagnosis using vector scale analysis
- Computational Intelligence analysis for industrial applications

7. New Mathematical and theoretical methods for soft computing

Computational Intelligence in the field of Sciences

Computational Intelligence in the field of Physics

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. Sireesha V is an Associate Professor of Mathematics at GITAM (Deemed to be University) Visakhapatnam, Andhra Pradesh, India. She has teaching/ research experience of nearly 20 yrs. Her current research areas include Intuitionistic Fuzzy Set Theory and Intuitionistic Fuzzy Decision Making. So far she has supervised 3 Ph. D. research scholars and is supervising 34 Ph.D. research scholars. Till the date she has published more than 30 research papers in journals of national/international repute and published one book chapter.

Dr. Shiv Prasad Yadav is a Professor of Mathematics at the Indian Institute of Technology, Roorkee, India. He holds the Ph.D. degree in Optimal Control Theory from the Applied Mathematics Department, Institute of Technology (now IIT-BHU), Banaras Hindu University, Varanasi, India. He has teaching/ research experience of nearly 34 yrs. His current research areas include Optimal Control Theory, Operations Research, Data Envelopment Analysis, Fuzzy Optimization, Intuitionist Fuzzy Optimization and Fuzzy Reliability Studies. So far he has supervised 16 Ph. D. theses, 07 M.Phil. theses, 11 M.C.A. theses, 71 M.Sc. theses and 04 B.Tech. theses. Currently, he is supervising 04 Ph. D. research scholars and 02 M.Sc. students for dissertations. Till date, he has published 77 research papers in the journals of national/international repute and 39 research papers in the conferences of national/international repute.

Dr. Vishnu Vardhan Rudravaram completed his M.Sc. Statistics from Sri Venkateswara University, Tirupati, India in the year 2005 with a First Class. He obtained his doctoral degree from Sri Venkateswara University, Tirupati, India in 2009. As for his professional excellence, over all, he has 13 years of teaching experience and 3 years of research experience in reputed institutes, and he is also actively involved in various departmental and university level committees. At present, he has been working as an Associate Professor in the Department of Statistics, Pondicherry Central University, Puducherry, India, since 2010. He also served as a Visiting Professor in the Department of Statistics at Sri Padmavathi Mahila University, Tirupati, from 2017 to 2019. Dr. Vishnu Vardhan has received numerous awards, including the Indian Science Congress's Young Scientist Award in 2014, the ISP's Young Statistician Award in 2011, and the Mrs. Bhargavi and Prof. C.R. Rao Award in 2010.

He had the opportunity to deal with the various statistics and operations research papers for M.Sc., MBA, and pre-Ph.D. students during his teaching tenure. Dr. Vishnu Vardhan has to his credit 79 research papers published in various National and International journals of repute, and some research papers are under review. He has presented 41 papers at National and International conferences. Dr. Vishnu Vardhan wrote two books and edited another. He has been serving as an associate editor, managing editor, and acting as a referee for various National and International journals. Three students have been awarded under his supervision, and four members are currently pursuing Ph.D. degrees under his supervision. His major research interests include Biostatistics – Classification Techniques, ROC Curves Multivariate Analysis and computational Statistics.

Dr. Sridhar Akiri completed M.Sc. in the specialization of Operations Research & Statistical Quality Control in the field of Operations Research and Statistics from Sri Krishnadevaraya University, Anantapur, India in the year 2001 with First Class. Later, he received his Master of Philosophy degree from Annamalai University, Tamil Nadu, India in 2006 and then he obtained his Doctoral degree from Sri Krishnadevaraya University, Anantapur, India in 2012 with thesis entitled "Optimization of k-out-of-n Integrated Redundant Reliability Systems". Coming to his professional excellence, Over all, he has 22 years of teaching experience in reputed institutes and he is also actively involved in various departmental and university level committees. At present, he is working as an Assistant Professor in the Department of Mathematics, GITAM School of Science, GITAM (Deemed to be University), Visakhapatnam, India, since 2013. He had the opportunity to deal with the various statistics and operations research papers for B.Sc., M.Sc., MBA, B.Tech, M.Tech and Pre-PhD students in his teaching tenure. Dr. Sridhar has to his credit 15 research papers published in various National and International journals with repute and some research papers are under review. He has presented 8 papers at National & International conferences. He has been serving as referee for various National and International journals. Presently under his guidance, 5 members perusing Ph.D. His major research interest includes Reliability Theory, Estimation & Stochastic Processes.

Dr. Chaitanya Varma Mudunuri completed M.Sc. in Physics from Andhra University then he obtained his Doctoral degree from Andhra University, Visakhapatnam. Coming to his professional excellence, Over all, he has 18 years of teaching experience in reputed institutes and he is also actively involved in various departmental and university level committees. At present, he is working as an Associate Professor and Head, Department of Physics, GITAM School of Science, GITAM (Deemed to be University), Visakhapatnam, India He had the opportunity to deal with the various physical science papers for B.Sc., M.Sc., B.Tech, M.Tech and Pre-PhD students in his teaching tenure. Dr. Chaitanya has to his credit 38 research papers published in various National and International journals with repute and some research papers are under review. He has presented 7 papers at National & International conferences. He has been serving as referee for various National and International journals. Has guided 3 Ph.D. students and 2 are pursuing students in the fields of Piezoelectric materials, Photo luminescent and Nano ferrite materials. Presently under his guidance, 3 members perusing Ph.D. His major research interest includes Nano ferrites for high-frequency core applications, magnetic nano-particles for magnetic hyperthermia, microwave absorbers & multiferroics; synthesis of nano-photo luminescent materials in the visible range.

Dr. Ravi Shankar Kumar Chavali completed M.Sc.,M.Phil Physics from university of Hyderabad , Hyderabad with specialization in Nonlinear Optics in 1994.Later completed Ph.D degree in Physics from Acharya Nagarjuna University in 2010 with specialization in Condensed Matter Physics. With working experience of 22 years in GITAM contributed to academic activities towards excellence to the Department of Physics GITAM (Deemed to be University) driving the Undergraduate (B.Sc) programs and Post graduate (M.Sc) programs in physics competitively on par with emerging universities in designing syllabus and establishing laboratories. Moving towards research activities published 35 papers as corresponding author in peer reviewed journals, also reviewer of publishers like Elsevier, World Scientific, Springer etc….and awarded 3 Ph.D. degrees. Extending knowledge of physics behind the biological process Biophysics courses are designed for Life science programs (M.Sc Biotechnology and B.Sc programs in Biotechnology, Microbiology and Food Science) as well for Medical Sciences program(Bachelor of Physiotherapy).Further more towards application aspects of physics courses were designed for sponsored B.Sc Chemistry programs in chemistry with pharma industries the Laurus Pharma , Dr.Reddy's Pharma, Pfizer and Salora Pharma . Presently working as Associate Professor in Department of Physics, School of Science, GITAM (Deemed to be University), Visakhapatnam, India with interests in computational physics and experimental condensed matter physics.

☞ If you have any queries.

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