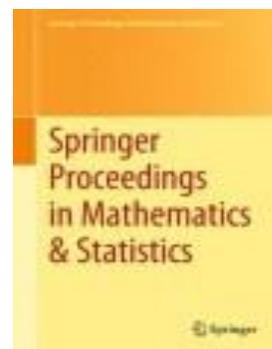


# 2<sup>nd</sup> International Conference on Data Science and Artificial Intelligence (ICDSAI) 2023

24-25<sup>th</sup> 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 – 9

### *Computational Intelligence for Data Science, Cloud Computing and Chemical Sciences*



#### **Dr. M. Jayanthi Rao**

Assistant Professor,  
Department of Computer Science & Engg,  
Aditya Institute of Technology and  
Management (A), Tekkali,  
JNTU Kakinada, Andhra Pradesh, India

 9885936994, 8074265300

 [jayanth.mtech@gmail.com](mailto:jayanth.mtech@gmail.com)



#### **Dr. R. Kiran Kumar**

Associate Professor,  
Department of Computer Science,  
Krishna University, Machilipatnam,  
Andhra Pradesh, India

 9440872455

 [kirankreddi@gmail.com](mailto:kirankreddi@gmail.com)



#### **Dr. Ramanaiah Malla**

Associate Professor of Chemistry,  
Aditya Institute of Technology and  
Management (A), Tekkali,  
JNTU Kakinada, Andhra Pradesh, India

 9704571003

 [ramanaiahmalla4@gmail.com](mailto:ramanaiahmalla4@gmail.com)



#### **Dr. G. Balamurali Krishna**

Principal & Professor,  
Simhadhri Group of Institutions,  
Visakhapatnam, JNTU Kakinada,  
Andhra Pradesh, India

 9951460724

 [garisingimurali@gmail.com](mailto:garisingimurali@gmail.com)



#### **G. Nirmala Joycee**

Assistant Professor,  
Department of MCA,  
St Ann's College for Women (A),  
Hyderabad, Osmania University,  
Telangana, India

 9100877044

 [gn.joyce@gmail.com](mailto:gn.joyce@gmail.com)



#### **Ms. P. Prashanthi**

Assistant Professor,  
Department of MCA,  
St Ann's College for Women (A),  
Hyderabad, Osmania University,  
Telangana, India

 7396760834

 [shanthikopuri@gmail.com](mailto:shanthikopuri@gmail.com)

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

### AI, ML, Data Science, and Its Applications, and Chemical Sciences

- ? Artificial Intelligence for Data Science
- ? Machine Learning, Data Science and Big Data
- ? Data Mining and Security
- ? Data Science for Space Sciences and Applications
- ? Quantum Data Computing and Sciences Applications
- ? Data Communications and Networks, 5G, 6G, Social Networks
- ? Cloud Computing and Its Applications Systems
- ? Computational Data Science for Biology and Bio-Medical
- ? Data Science and Big Data with Bio-Informatics,
- ? AI for Neuroscience Applications mainly focused on Data
- ? Climate Change Impact on the Global Food Supply
- ? Fake News Detection and Human Action Recognition
- ? Forecast Fire Detection and Road Lane Line Detection
- ? 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
- ? Driver Drowsiness Detection with Data Science
- ? 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

## 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 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 papers. LaTeX is the preferred format for texts containing several formulae, but Word templates are also available on the following link



### **\*\* About Session Chairs \*\***

**Mr. Dr. M. Jayanthi Rao** completed his Ph.D. in CSE at Krishna University, Machilipatnam, in 2020. M.Tech at JNTUK-Kakinada University in 2010. Presently working as an Assistant Professor and Professor in charge of R&D at Aditya Institute of Technology and Management in the department of Computer Science and Engineering, Tekkali. He is having 13 years of teaching experience. He published in 40 national and international journals. He guided Projects for professional students such as B. Tech, M. Tech, and MCA which counts at 40, 16, and 6 respectively. Received best faculty award a couple of times in achieving 100% pass percentage of concerned courses handled for UG & PG batches. He Secured 2nd highest marks in Pre-Ph.D. at Krishna University. Appointed as observer duty for APEAPCET(EAMCET)-2021&2022 by the government of Andhra Pradesh. He attended many National and International Conferences.

**Dr. Ramanaiyah Malla** is working as an Associate Professor in the Department of Chemistry at Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh, India. He completed a Bachelor of Science at Andhra University, Visakhapatnam, Andhra Pradesh, India. He completed a Master of Science in Chemistry at Andhra University, Visakhapatnam, Andhra Pradesh, India. He completed his Ph.D. in chemistry at Andhra University, Visakhapatnam, Andhra Pradesh, India. He is in the field of Inorganic chemistry and Materials Chemistry at Aditya Institute of Technology and Management, Tekkali, Andhra Pradesh, India. He is in the teaching profession for more than 18 years. He published 54 papers in national, and international journals and presented 8 papers in various international conferences and symposiums. His main area of interest includes Stability constants and dissociation constants. Nanohybrid materials and Photocatalytic applications.



If you have any queries.



Please Contact:



**Mr. S. Bosubabu** (+91 9640641136 ), Organizing Chair – ICDSAI 2023



**Mr. P.J.V.G. Prakasa Rao** (+91 8919543171)



**Mr. N P Patnaik M** (+91 8328288485)

[icdsai2023@gmail.com](mailto:icdsai2023@gmail.com)

<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 a Virtual Platform**

Amid prevailing conditions due to COVID-19, 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 papers through the virtual platform.

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

