

5TH INTERNATIONAL CONFERENCE ON DATA SCIENCE AND APPLICATIONS



ICDSA 2024
JULY 17-19, 2024



Organized
In-person and Online (Hybrid Mode) by
Malaviya National Institute of Technology
Jaipur, India



Technically Sponsored by
Soft Computing Research Society

Malaviya National Institute of Technology Jaipur, India is going to organize the 5th International Conference on Data Science and Applications (ICDSA 2024) in technical support of the Soft Computing Research Society (SCRS) from July 17-19, 2024. The ICDSA 2024 aims to bring the researchers, academicians, industry, and government personnel together to share and discuss the various aspects of Data Science and Applications. The conference will witness multiple eminent keynote speakers from academia and industry from all over the world along with the presentation of accepted peer-reviewed articles.

The after-conference proceeding of the ICDSA 2024 will be published in the SCOPUS Indexed Springer Book Series, 'Lecture Notes in Networks and Systems'

About SCRS: To promote research in soft computing and allied areas, Soft Computing Research Society (SCRS) is established in 2013 with its headquarter in Delhi, India. Soft Computing Research Society is a non-profit, scientific swarm of the institutions / labs / researchers / scientists / academicians / research scholars / students / industry R & D persons interested in soft computing.

About Malaviya National Institute of Technology Jaipur :

Malaviya National Institute of Technology Jaipur is one of the oldest NITs which has a rich heritage of sixty years producing world-class engineers, scientists, managers, and architects. The institute is ranked 37th in the National Institutional Ranking Framework (NIRF-2023) under the category of Engineering (Research and Teaching). The MNIT was established in 1963 with the name Malaviya Regional Engineering College, Jaipur as a joint venture of the Government of India and the Government of Rajasthan, Subsequently; on June 26, 2002, the college has been given the status of National Institute of Technology and on 15 August 2007, Proclaimed Institute of National Importance through Act of Parliament. The Institute is fully funded by the Ministry of Education (Shiksha Mantralaya), Government of India. More than 12,000 students have already graduated since its establishment. Extending into an area of over 317 acres of lush greenery, the campus of the Institute is imaginatively laid-out with a picturesque landscape. It presents a spectacle of harmony in modern architecture and natural beauty which enthralls and inspires. The vision of MNIT Jaipur is to create a center for imparting technical education of international standards and conducting research at the cutting edge of technology to meet the current and future challenges of technological development.

Patron

Prof. Narayana Prasad Padhy
Director, Malaviya National Institute of
Technology Jaipur

General Chair

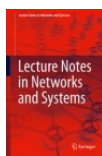
Dr. Satyasai Jagannath Nanda
Malaviya National Institute of Technology Jaipur
Prof. Rajendra Prasad Yadav
Malaviya National Institute of Technology Jaipur
Dr. Mukesh Saraswat
Jaypee Institute of Information Technology,
Noida
Prof. Amir H. Gandomi
University of Technology Sydney, Australia

Organizing Secretary

Dr. Ravi Kumar Maddila
Malaviya National Institute of Technology Jaipur
Dr. Amit Mahesh Joshi
Malaviya National Institute of Technology Jaipur
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Dr. Deepak Ranjan Nayak
Malaviya National Institute of Technology Jaipur
Dr. Reena Kumari
MNIT, Jaipur, India
Dr. Ankit
MNIT, Jaipur, India

Venue :

Malaviya National Institute of Technology
Jaipur, India,
Jawahar Lal Nehru Marg,
Jaipur-302017 (Rajasthan) INDIA



Call for Papers

The authors are invited to submit full-length research papers (Minimum 10 and Maximum 12 pages in Springer's conference template). The papers will be peer-reviewed, and only the accepted and registered papers will be considered for presentation during the conference and publication in the proceedings. At least one of the authors of an accepted paper must register for the conference and present the paper through an online/offline mode. All manuscripts should be prepared in the Springer's conference template.

The authors are advised to take care of the technical language used in the manuscript and refrain from using words prohibited at national and international levels. The paper must contain an abstract, literature review, methodology, experimental work, result analysis, and conclusion.

All submissions need to be submitted through the CMT using the link : <https://cmt3.research.microsoft.com/ICDSA2024>

The topics covered (but are not limited to) in the conference are as follows:

TOPICS COVERED

Data Science: Pattern recognition, Non-linear Statistical Models, Data handling and Visualization, Time series forecasting, Optimization Techniques, Data Mining Techniques, Big Data applications, Computer Vision, Natural Language Processing, Human and Social Behaviour Analysis, Robotics and Embedded Systems, Applied mathematics and informatics, Predictive analytics and Segmentation, Data compression, Data clustering, Classification, Blockchain Technology.

Models and Algorithms: Data Fusion Models, Cognitive computing, Probabilistic Reasoning, Supervised and Unsupervised Learning, Reinforcement Learning, Neural Networks, Self-Organizing Maps, Support Vector Machine, Machine Learning techniques, Deep Neural Networks, Fuzzy Logic based computing, Nature Inspired Optimization, Evolutionary Computation, Swarm Intelligence, Genetic Algorithms, Ant Colony Optimization, Multi and Many-objective Optimization.

Signal & Image Processing: Digital Signal Processing, Adaptive Signal Processing, Multi-rate signal Processing, Audio and speech signal Processing, Wavelet transform, S Transform, Image Processing techniques, Image segmentation, Detection and Estimation algorithms, Remote Sensing Image Analysis, Biomedical Signal and Image analysis, Radar and Sonar Signal Processing, Seismic Signal processing, VLSI architectures for Signal Processing, Natural language processing.

Data Analytics in 4G, 5G and 6G Communication: Data handling in Digital Communication, Data acquisition and processing in Wireless and Mobile Communication, Data in Optical Communication, Data in Satellite Communication, Data in Underwater Communication, Data in Software Defined Radio and Cognitive Radio, Data in 4G and 5G Architectures and applications, 6G and beyond data, Data analysis in Antenna and Wave Propagation, Data in Wireless Sensor Networks.

Data Science Applications: Data Granularity, Large Scale Optimization, Digital marketing and analysis, Bioinformatics, Power system analysis, Intelligent System Design, Expert Systems, Internet of vehicles, Electric Vehicles, Robotics and automation, Internet of everything, Data curation, Data privacy, Data Security, Industrial applications, Industry 4.0, Computational Finance, Agriculture and environment, Seismicity Analysis, and other applications.

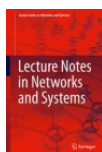
Registration Details

For more Detail please visit [ICDSA 2024 Registration page](#)

Author Category	Registration (Authors from India)	Registration (Authors from outside India)
Regular Author	9000 INR + 18% GST	200 USD
Regular Author (MNIT/SCRS Members)	7000 INR+ 18% GST	180 USD
SBS Proceedings	5000 INR + 18% GST	150 USD
SBS Proceedings (MNIT/SCRS Members)	4000 INR+ 18% GST	120 USD
Listener (Co-Author/ General Participants)	2000 INR+ 18% GST	80 USD
Listener (MNIT/SCRS Members) (Co-Author/ General Participants)	1500 INR+ 18% GST	50 USD

Important Note:

- Above 12 pages in the given Springer Format, there will be extra page charges (INR 500 per page for Indian Authors and USD 10 per page for Foreign Authors).
- Participants are encouraged to join the SCRS (www.scrs.in) to avail of the subsidized registration fees.
- Registration fee towards the conference includes online conference proceedings, presentation during the conference, attendance to all the sessions, and keynote talks. The registration process is managed by [Conference Services](#).
- Refund and Cancellation Policy: A candidate once registered and paid the registration fee is not allowed to cancel the registration. The registration fee for the conference once paid is not refundable.



Submission Deadline
May 15, 2024

Notification of Acceptance
June 13, 2024

Conference Date
July 17-19, 2024

