Sixth International Conference on Data Sciences and Applications (ICDSA 2025)
JULY 16-18, 2025

Conference Website : https://scrs.in/conference/icdsa2025

Organized in Hybrid Mode by

Malaviya National Institute of Technology Jaipur, India and Soft Computing Research Society

Sixth ICDSA 2025, aims to bring together leading academicians, scientists, researcher scholars, UG/PG graduates from all over the world to exchange and share their research advancements. It targets to provide a state-of-the-art platform to discuss various aspects of Models and Algorithms, Signal and Image Processing, Data Science, Data Analytics in Communication and Data Science applications. The conference proceeding of the ICDSA 2025 will be published in **SCOPUS Indexed Springer Book Series, 'Lecture Notes in Networks and Systems'** .

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

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, Block chain 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.

Paper Submission: Electronic submission of papers for ICDSA 2025 will be required through Microsoft CMT link https://cmt3.research.microsoft.com/ICDSA2025

At least one of the authors of an accepted paper needs to register for the conference and to present the paper(s).

Important Dates:

May	02	2025	Last date for full-length submission
June	11	2025	Notification of acceptance
June	26	2025	Registration of accepted papers
July 16 –18		2025	ICDSA 2025, MNIT Jaipur, Rajasthan, India

About MNIT 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 43rd in the National Institutional Ranking Framework (NIRF-2024) under the category 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. 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 enthrals and inspires. The vision of MNIT Jaipur is to create a centre for imparting technical education of international standards and conduct research at the cutting edge of technology to meet the current and future challenges of technological development.

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Venue :

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