

7th International Conference on Innovative Data Communication Technologies and Application



ICIDCA 2025



6-8, October 2025



About the Conference

Communication Intelligence is an expeditiously growing and promising interdisciplinary field of research that revolutionary paradigms in various communication models and applications. Communication intelligence is derived from electronic intelligence and it develops the communication medium for more secure and reliable transmission between the users. The convergence of communication intelligence and data computing produces the latest trends and technology in the research field. The advanced data computing and data analysis methods help to understand and solve various real-world complexities. Recently, with the development of various cognitive inspired computing and smart interactive computing models and algorithms has gained the potential to enable a large scale of smart computing applications. Hence the recent advances in computing technologies have opened up new windows for research in various fields of data computing and communication intelligence.

The goal is to bring together the recent advances in communication intelligence, data computing models, algorithms and simulations to analyse and optimize various complex problems. This conference aims to create a new discipline in communicational intelligence and data computing by combining contemporary computational methods, data communication, software engineering, machine learning, communicational intelligence, simulations and ancillary technologies to address complexities in advanced computing applications in a smart way which is far beyond the scope of traditional data computing methods and technologies.

The International Conference on Innovative Data Communication Technologies and Application (ICIDCA 2025), is an international forum on the theory, design, analysis, implementation and application of distributed systems and networks. We solicit papers in all areas of distributed computing. Papers from all viewpoints, including theory, practice, and experimentation, are welcome. The common goal of the conference is to improve understanding of the principles underlying distributed computing.

Organised By



**RVS College of Engineering
and Technology
Coimbatore, India**



College Information

RVSCET approved by AICTE and affiliated to the Anna University, Chennai is marching towards a new era in education was established in the year 2007 by our Chairman Dr. K. V. KUPUSAMY and the college has attained the role of "Holistic Education" right from the start. The college is located 14 kms away from the cotton city of Tamilnadu, Coimbatore, spread over a sprawling campus area of 200 acres bordered by the serene beauty of Southern India. RVS is well connected by buses moving to various places in propinquity. RVS is attaining eminence as the favorite target for Engineering Education, for its immaculate infrastructure, outfitted with the best of facilities over a rambling campus area. The various courses offered are B.E. (CSE, ECE, EEE and MECH, MECHANICAL & AUTOMATION), B.Tech (AI&DS, IT, BMI and PCT), M.E(EST), M.E (CS), M.E (AE), M.E (CE), M.E (ISE), M.E (CSE), M.E-AI&MC, M.E (TE), MCA.

Our Vision



RVS College of Engineering and Technology, Coimbatore, will strive to be an Institution of National Importance and committed to work towards societal and economic empowerment of the nation through the development of Engineers with technical and managerial skills.

Our Mission



The institution aims to excel in engineering education and research through advanced infrastructure, faculty development in scholarly and teaching roles, and empowering students with industry-ready skills. Emphasizing rigorous academic standards and research excellence, it prepares graduates to contribute effectively to economic and social progress, positioning itself as a leader in engineering education.

Call for Paper

Track - 1

DATA COMMUNICATION TECHNOLOGIES

- Big Data collection in Communication Networks
- Big Data for Network Service Intelligence
- Adaptive Techniques for Increased Network Performance
- Big Data and Network Security
- Distributed Data Analytics
- Big Data Search Architectures, Scalability and Efficiency
- Mobile and Data Communication Systems
- Visualization Analytics for Big Data
- Mobility and Big Data
- Multimedia and Multi-structured Data
- Data Mining and Data Pre-processing
- Optimization and Big Data
- Mobile and Data Communication Systems
- Stream data mining
- Data Analysis and Decision Making
- Real-world and large-scale practices of big data

Track - 2

DATA COMPUTING

- Computational Models for Big Data
- Advanced Big Data Learning and Predictive Analytics
- Knowledge Extraction, Discovery, and Analysis
- Big Data as a Service and Application
- Big Data and Machine Learning Applications
- Large-Scale Recommendation Systems
- Security and Privacy Preserving Big Data Analytics
- Social Data Mining and Analytics
- Cloud/Grid/Stream Data Mining
- Blockchain data management
- Sustainable big data computing platforms
- Computation in memory/storage/network
- High Performance/Parallel Computing for Big Data
- Multi-level Data Processing
- Intelligent Data Management

Publication



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DVD ISBN: 979-8-3315-1413-6

All registered and presented papers will be submitted for inclusion into IEEE Xplore.

Author Ethics:

<https://conferences.ieeeauthorcenter.ieee.org/author-ethics/ethical-requirements/>

Venue

RVS College of Engineering and Technology,

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Submission

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