

**International Conference on
Computational Intelligence and Data Science
(ICCIDS 2019)
6th-07th September 2019**

PUBLICATION: All the accepted papers will be published in Procedia Computer Science Journal, Elsevier.

ICCIDS2019:

The International Conference on Computational Intelligence and Data Science (ICCIDS2019) provides an International forum for presentation of original research findings, as well as exchange and dissemination of innovative, practical development experiences in different fields of engineering. The conference draws researchers and application developers from a wide range of data mining and computational Intelligence related areas along with their algorithms and applications of current issues of almost all branches of Engineering and Technology.

Awareness of Data Science and its application is becoming popular among the general population. Parallel offers of hope add woes to the researchers of Data Science due to the potential limitations experienced in the real-time. This conference aimed to expand its coverage in the areas of Computational Intelligence and Data Science, where expert talks, young researchers presentations will be placed in every session of the meeting will be inspired and keep up your enthusiasm.

VENUE: The NorthCap University, Gurugram, India

JOURNAL INDEXING: SCOPUS

PUBLICATION POLICIES:

Kindly visit the conference website (<http://iccids2019.ncuindia.edu/Paper-Submission>) for details.

Session Title: Recent Advances in Evolutionary Computation

Name(s), designation, and affiliation, email and contact no. of session chair(s)/ session Co chair(s) and session-committee members:

Session Chair



Dr. Anita Singhrova is Professor, Dean Faculty of Information Technology and Computer Science at Deenbandhu Chottu Ram University of Science and Technology, Murthal, Sonapat, India. She holds a Ph.D degree from GGS Indraprastha University, Delhi, India. She has completed M.E (Computer Science & Engg.) from Punjab Engineering College, Chandigarh, India and B.Tech (Computer Science) from T.I.T&S, Bhiwani, India. She has also been certified as

Java Programmer by Sun Microsystems. She possesses around twenty years of teaching experience. Her research interests include network security, mobile computing and heterogeneous networks. She has contributed in various research papers and articles published in various national and international journals and conferences.

Session co-chair:



Mr. Ajmer Singh obtained the B.Tech. and M.Tech.degree from Kurukshetra University, Kurukshetra, India in 2004 and 2007 respectively and is pursuing Ph.D. from the Deenbandhu Chhoturam University of Science and Technology (DCRUST), Murthal . He is presently working as an Assistant Professor in the Department of Computer Science and Engineering at DCRUST, Murthal, Sonapat, India with more than 10 years' experience of academic and administrative affairs. He has published more than 20 research papers in various International / National Journals and Conferences of repute as author/co-author. He has delivered a number of expert lectures different topics. He has guided several M.Tech and B.Tech projects. His research interests include Software Testing, Information Retrieval, and Data Sciences.

AIM: Our aim is to highlight an ongoing research on new and exciting computer paradigms together with their applications in various domains. The new computing paradigms have now invaded and revolutionized every sphere of our life. The research and technological advances in Evolutionary Computation such as Immune Computation, Differential Evolution, Evolutionary Multi-objective optimization and Natural Information Processing have led to pervasive existence of virtually unlimited computing. We aim to provide a leading opportunity to researchers, academicians, and professionals from different background areas to exchange the latest research ideas and research and development in the field of Evolutionary Computation.

SCOPE: The applications of Evolutionary Computation and the properties such as robustness and representation independence, make it possible to extend the scope of optimization algorithms available so far and find answers to problems where classical solution methods fail. Evolutionary algorithms are today a state-of-the-art methodology in solving hard optimization problems, and are regularly being used in industries such as automotive and aerospace. In fact, these algorithms have revolutionized the way hard problems are being solved today. Special session is integrating the Evolutionary Computation methods and different AI techniques to provide solutions to various research problems. Full length original and unpublished research papers based on theoretical or experimental contributions related to the below mentioned tracks (but not limited to) are invited for submission in this special session

- Evolutionary multi-objective optimization
- Theory and applications of evolutionary design
- High Performance Computing
- Next Generation Systems and Services
- Energy Efficient Evolutionary computation
- Genetic algorithm and Its Applications
- Genetic Programming and Its Applications
- Evolutionary Strategies and Its Applications
- Gene Expression Programming and Its Applications

- Ant colony Optimization and Its Applications
- Particle swarm Optimization and Its Applications
- Evolutionary based Hyper-heuristics and Its Applications
- Mimetic Algorithms and Its Applications
- Artificial Immune System and Its Applications
- Tabu Search Algorithm and Its Applications
- Real-life applications of evolutionary design optimisation
- Evolutionary hardware
- Fuzzy logic
- Soft computing