

Call for the Papers/Abstracts for the Special Session on

Special Session Theme: Graphs and Networks: Theory and Applications

Session Chairperson: Dr. Gajendra Pratap Singh

Aim: The main objective of this special session is to present the research from different areas of science and technology. This special session provides a platform for researchers and scientists across the world to exchange and share their experiences and research results about all aspects of electronics and information technology. This special session also provides an opportunity to interact and establish professional relations for future collaboration. The special session aims to promote innovations and work of researchers, engineers, students and scientists from across the world on Advancement in electronic and computer systems. The basic idea of the special session is what more can be done using the existing technology. In Today's world Graphs and Networks plays an important role for future's innovation.

Areas of Coverage (sub-themes)

The areas of coverage for this special session are:

- Graph Algorithm
- Biological Networks and Analysis
- Cloud Computing Networks
- Analytical Hierarchical Process
- Social Network Analysis with Graph Theory
- Signed Graph
- Line or List Graph Theory and Applications
- Petri Nets Modelling, Analysis and Applications in diverse fields
- Control and Automata
- Artificial Intelligence, Artificial Neural Network
- Graph Domination
- Graph Optimization and Application
- Graph Theory in Computational Biology and Bioinformatics

Submit your original Full length paper for presentation and publication or Abstract for only presentation on iccsmo2018@gmail.com. Also send on email of special session chair at gajendra@mail.jnu.ac.in (Special Session Chair Email Address)

Session Chairperson Details



Gajendra Pratap Singh is working as an assistant professor in the School of Computational and Integrative Sciences, Jawaharlal Nehru University, New Delhi, India. He has more than 10 years teaching experience at graduate/post graduate level. He holds a PhD degree in Petri nets and Graph Theory from the Department of Applied Mathematics, Delhi College of Engineering, Faculty of Technology, University of Delhi, India. He was awarded Young Scientist in the area of Graph theory and Petri nets in 2017.

The main focus of his research is related with Boolean Petri net, Graph Theory, Biological Network, AHP. He has made contributions in several Graph Theory related areas for example; Boolean Petri nets, Crisp Boolean Petri nets, AHP, Biological Network Analysis. Dr. Singh published more than 21 research papers in various international journal of repute.

He has the experience of working in many repute college and institutions of Delhi University and DTU, Delhi. He has multi-discipline/cross disciplined ability in teaching Graphs and Networks and concepts of system sciences, Advanced computational Techniques for optimizations, Advanced Calculus, Methods of Statistics and Probabilities, Data Base Management System, etc. for M.Sc and PhD students.

He is the expert member of various govt./pvt. bodies.

Currently, Dr. Singh supervising/guiding 3 PhD students, 2 JRF, 2 Post-doct in various fields of Graph and Networks.

He is the senior warden of the Periyar Hostel, JNU and National Cadet Corps coordinator at JNU.

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Last Date of Paper Submission: 20/12/2018

Paper Acceptance Notification: 25/12/2018