INTERNATIONAL CONFERENCE ON
INNOVATIVE COMPUTING AND
COMMUNICATION(ICICC-2018)
ORGANISED BY : GURU NANAK INSTITUTE OF MANAGEMENT
5TH-6TH MAY,2018

*************** CALL FOR PAPERS FOR SPECIAL SESSION********************

SUBMISSION DUE DATE: **01/12/2017**

SPECIAL SESSION ON **SOFT COMPUTING TECHNIQUES FOR WIRELESS NETWORKS**
International Conference on Innovative Computing and Communication(ICICC-2018)

Guest Editor:
Dr. Parmeet Kaur, Jaypee Institute of Information Technology, Noida, parmeet.kaur@jiit.ac.in
Dr. Shikha Mehta, Jaypee Institute of Information Technology, Noida, mehtshikha@gmail.com

INTRODUCTION:
Revolution in the field of wireless networks is bringing vital changes in the way users are communicating, sharing data, performing computations and has made integrated networks a reality. Mobile cellular and ad hoc networks, sensor networks, personal and body-area networks, wireless LAN's, clouds etc have made possible computing and communications, any time, anywhere. We are living in a smart world immersed in multiple wireless networks. The tremendous growth of technology in wireless domain, smart sensors, and Internet of Things applications has further opened up plethora of applications in Wireless networks. These applications are driving new issues and require novel approaches and design principles.

This special session seeks contributions which focus on applying soft computing techniques such as fuzzy logic, rough sets, bio-inspired algorithms, evolutionary algorithms, neural networks, deep learning etc. to meet the challenges in wireless networks.

RECOMMENDED TOPICS:
Topics to be discussed in this special session include (but are not limited to) the the following area:
Soft Computing Techniques for:
• Architectures and Topology Control
• Fault Tolerance and Diagnostics
• Modelling and Simulation
• Operating System and Middleware Support
• Energy and Resource Management
• Software-defined wireless networks

- Mobile cloud
- Fog computing and Edge Computing
- Mesh, relay, sensor and ad hoc networks
- Routing in wireless networks
- Resource management and optimization
- Mobile big data and network data analytics
- Integrated Wireless networks
- Mobility, location, and handoff management
- Wireless broadcast and multicast
- Wireless network security and privacy
- Mobile social networks
- Body Area Sensor Networks
- Cognitive Wireless Sensor Networks
- Coverage, Connectivity, Longevity, Scheduling, Synchronization
- Data Collection, Data Fusion, Storage, and Data Retrieval
- Distributed and Collaborative Signal Processing
- Flexible and Wearable Sensors
- In-Network Processing and Aggregation
- Participatory Sensing and Crowd Sourcing
- Query Processing in Sensor Networks
- Security, Trust, Privacy and Data Integrity
- Applications for Big Data, IoT, Manufacturing, Process Monitoring, Intelligent Transportation Systems, Robotics and Automation Applications, smart systems etc

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **SOFT COMPUTING TECHNIQUES FOR WIRELESS NETWORKS** *on or before* **[1-12-2017]**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at https://easychair.org/conferences/?conf=icicc2018. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify **SOFT COMPUTING TECHNIQUES FOR WIRELESS NETWORKS** at the top (above paper title) of the first page of your paper.

PUBLICATION:

All the accepted papers (after double blinded peer review) will be published in springer series **(Approval pending) and further extended papers will be published in the special issues of SCI/SCOPUS/WoS/DBLP/ACM indexed Journals** as per the guidelines of respective journal:

1. Scalable Computing: Practice and Experience (SCPE)

http://www.scpe.org/index.php/scpe

Indexed In: Indexing- ISI Thompson (Emerging Sources Citation Index), Scopus and many more.

2. International Journal of Imaging and Robotics (IJIR)

http://www.ceser.in/ceserp/index.php/iji

Indexed In: SCOPUS (Elsevier Bibliographic Databases), INSPEC, Zentralblatt MATH, Indian Science Abstracts, Ulrich's Periodicals Directory, IndexCopernicus, and International Statistical Institute (ISI, Netherlands).

3. International Journal of Tomography and Simulation (IJTS)

http://www.ceser.in/ceserp/index.php/ijts

Indexed In: SCOPUS (Elsevier Bibliographic Databases); Zentralblatt MATH (Zentralblatt für Mathematik), INSPEC, Statistical Theory and Method Abstracts (STMA-Z), SCImago Journal & Country Rank, IndexCopernicus, International Statistical Institute (ISI, Netherlands), Ulrich's Periodicals Directory, Indian Science Abstracts

4. International Journal of Artificial Intelligence (IJAI)

http://www.ceser.in/ceserp/index.php/ijai

Indexed In: SCOPUS (Elsevier Bibliographic Databases), INSPEC, Zentralblatt MATH, Indian Science Abstracts, Ulrich's Periodicals Directory, IndexCopernicus, and International Statistical Institute (ISI, Netherlands).

5. International Journal of Natural Research Computing (IJNCR)

https://www.igi-global.com/journal/international-journal-natural-computing-research/1148
Indexed In: INSPEC, ACM, Cabell, DBLP, and many more.

6. International Journal of Hybrid Intelligence (IJHI)

http://www.inderscience.com/jhome.php?jcode=ijhi

and many more journals will be added to the list soon…

All inquires should be should be directed to the attention of:

Dr Parmeet Kaur, Dr Shikha Mehta
Guest Editors
SOFT COMPUTING TECHNIQUES FOR WIRELESS NETWORKS
E-mail: parmeet.kaur@jiit.ac.in, mehtshikha@gmail.com

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