



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 Intelligent Cyber Systems and Security
International Conference on Innovative Computing and Communication(ICICC-2018)

Guest Editor:

Dr. Mahesh Kumar, maresh.chahar@gmail.com, Assistant Prof. Deptt. of CSE, Jaypee University of Engg. and Technology, Guna, M.P.

Dr. Neeraj Rathore, India.neerajrathore37@gmail.com, Assistant Prof., Deptt. of CSE, Jaypee University of Engg. and Technology, Guna, M.P.

Dr. Prateek Pandey, pandeyprat@yahoo.com, Assistant Prof., Deptt. of CSE, Jaypee University of Engg. and Technology, Guna, M.P.

INTRODUCTION:

The objective of this conference is to gather together the researchers, scientists and scholars who have been working and are interested to learn and share their wisdom acquired in the area of Intelligent Cyber Systems and Security.

Intelligence is supposed to be a gift bestowed upon few species, including us, by the Mother Nature. With the advent of cyber systems, men have always strived to put some intelligence into them, in order to make them think and do as good as we.

A few techniques have become a standard name when intelligence and cyber systems are talked together-Fuzzy Logic, Artificial Neural Network, Genetic Algorithms, Chaos Theory, to name a few. With the sprawling use of intelligent cyber systems in every walk of life, from restaurants to banking and from education to space research, security of such systems has emerged as a challenging issue.

Data Science cannot be ignored when intelligence and cyber systems are discussed together. In order to learn behavior or acquire knowledge, intelligent systems go through a training program on the available sets of behaviors or patterns. These patterns are often not so apparent and may only be derived after a detailed and complex computational analysis carried out on the data. Thus, data science substantializes its influence in intelligent computing.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the the following area:

- Fuzzy logic and its applications
- Machine intelligence and artificial neural networks
- Optimization algorithms like genetic algorithm, particle swarm optimization, etc.
- Bayesian forecasting, regression and other statistical methods
- Data Analytics and Big Data
- Big data security
- Cyber hacking and Cyber threat intelligent analysis
- Load balancing, resource optimization and dynamic resource sharing
- Internet of Things, cloud computing

Session-Committee Member(s)

- Dr. Inderveer Chana, Professor, Thapar University, Patiala, Punjab.
- Dr. Anand Rai, Professor, GL Bajaj, Greater Noida, UP
- Dr. Akhilesh Tiwari, Associate Professor, MITS, Gwalior, M.P.
- Dr. Ratnesh Litoria, Assistant Prof., Jaypee University of Engg. & Technology, Guna, M.P.
- Dr. Ajay Kumar, Assistant Prof., Jaypee University of Engg. & Technology, Guna, M.P.
- Mr. Nilesh Jain, Assistant Prof., Jaypee University of Engg. & Technology, Guna, M.P.

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Intelligent Cyber Systems and Security** *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 **Intelligent Cyber Systems and Security** 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 inquiries should be directed to the attention of:

Dr. Mahesh Kumar, Mahesh.kumar@juet.ac.in,
+91-8989406276

Dr. Neeraj Rathore, neerajrathore37@gmail.com
+91-9479333899

Dr. Prateek Panday, pandeyprat@yahoo.com
+91-9406988802