



IEEE Conference Record No. 44302

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PDGC-2018

2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC) will be organized at Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India. PDGC-2018 will serve as an international forum for researchers and practitioners interested in recent advances in the areas of parallel, distributed and grid computing. It will provide an opportunity to present and exchange advanced scientific and technological information in hardware, software and theoretical foundation in these areas. The proceedings of PDGC 2018 will appear in the proceedings published by IEEE and fully indexed by IEEE Xplore (**IEEE Conference Record No. 44302**). 1st best paper, 2nd best paper and 3rd best paper award will be given.

Venue

Jaypee University of Information Technology is located at Wagnaghat, Solan, Himachal Pradesh 173234, India. It is situated near Shimla (24 Km) just 3 Km off the NH22 (Delhi-Ambala-Kalka-Wagnaghat-Shimla road). Convenient airports are Shimla (30 Km), Chandigarh (100 Km), New Delhi (350 Km) and Amritsar (350 Km).

“SPECIAL SESSION ON ENGINEERING APPLICATION OF NATURE INSPIRED ALGORITHMS”

SESSION CHAIR

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CO-SESSION CHAIR

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AIMS & SCOPE

The objective of this special session is to discuss the application of nature-inspired algorithms to solve many large and complex optimization problems of real world. Nature-inspired algorithms are the mathematical tools which are developed from the transformation of natural phenomena to human technologies. For example, genetic algorithm (GA) has been developed from biological evolutionary process while particle swarm optimization and artificial bee colony algorithms are inspired from different animal behaviour. This session will provide a platform to the researchers, academicians and industry experts to share their knowledge & experiences in context to the development of new technologies and their applications.

PUBLICATIONS: All the accepted paper after the oral presentation during the conference will be submitted to IEEE Xplore. **IEEE Conference Record No. 44302**

PUBLICATION:

All the accepted and presented papers (after double blinded peer review) will be submitted to IEEE Xplore for publication.

Conference Indexing: SCOPUS.

Important Dates:

Submission of Full Papers Deadline	15th July, 2018
Notification of Acceptance Deadline	15th October, 2018
Submission of Accepted Camera-Ready Papers Deadline	30th October, 2018
Author's Registration Deadline	15th November, 2018
Conference Dates	20-22 December, 2018

TOPICS OF INTEREST

Full length original and unpublished research papers based on theoretical or experimental contributions related to the below mentioned tracks are invited for submission in this special session:

Tracks: (Sub-Themes)

- Software engineering
- Data Mining and Machine Learning
- Wireless sensor network
- Cloud Computing
- Internet of Things (IoT)
- Big Data
- Numerical Optimization
- Electrical engineering
- Mobile Computing for e-Commerce
- High-performance Computing

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PAPER SUBMISSION PROCESS:

Please submit your paper (in word/pdf format) at following emails:

Email: sumitkumarbsr19@gmail.com, bansalpriti79@gmail.com” with Subject Line “Research Paper for Special Session on Engineering Application of Nature Inspired Algorithms PDGC- **2018**” from your email.

You may upload the paper through easy chair on the conference website. Details are as follows;

http://www.juit.ac.in/pdgc-2018/paper_submission.php

For any further queries related to this special session, please contact the session chair at:

Email ID: sumitkumarbsr19@gmail.com Mobile No.: +91-9953320244

Technical Program Committee (TPC):

List of Members from India & Abroad:

- Dr. Alok Joshi, Research Associate, APT Advanced Processor Technologies Research Group, University of Manchester, U.K.
- Dr. Sangeeta Sabharwal, Professor, NSIT, New Delhi
- Dr. D.K Yadav: Professor NIT Jamshedpur
- Dr. D.A. Khan : Professor NIT Jamshedpur
- Dr. Harikesh Bhadur Yadav: Assistant Professor, U.P.
- Dr. Santerpal Singh Associate Professor, Galgotias University U.P.
- Dr. Sapna Varshney : Assistant Professor (AD-HOC), Delhi University.
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Publication Policies:

1. All registered and presented papers/review articles shall be submitted to IEEE Xplore for their possible publication in a Conference Proceedings format (online). However the right to accept and subsequent publication of each will be with IEEE Xplore that will be decided on the basis of the quality novelty of work and the originality of the text, the manuscript will represent.

2. In case, any registered paper/article is rejected by the IEEE Xplore for its publication with their conference proceeding due to any reason (mentioned at point number-01), the sole responsibility shall lies with authors of that article. As we clearly stated on the first and home pages, that IEEE Xplore will conduct quality checks on the accepted papers and only papers that pass these checks will be published.

Therefore authors are expected to avoid to use similarity text (copy and paste from other published works), should adhere to original work maintaining technical and result description qualities. Also authors will not allow to make changes in the choice of publication category (I or II) once registered and pay the fee as per category wise.

3. Paper/article length is limited upto 6 pages only. Extra pages are to be avoided, if necessary, author can place a request in advance with payment of separate fee (page-wise) as mentioned in the registration link.