2018 Fifth International Conference on
Parallel, Distributed and Grid Computing(PDGC)
20-22 December, 2018
Dept. of CSE & IT, Jaypee University of Information Technology

PDGC-2018

2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC) will be organized at Jaypee University of Information Technology, Waknaghat, 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 Waknaghat, Solan, Himachal Pradesh 173234, India. It is situated near Shimla (24 Km) just 3 Km off the NH22 (Delhi-Ambala-Kalka-Waknaghat-Shimla road). Convenient airports are Shimla (30 Km), Chandigarh (100 Km), New Delhi (350 Km) and Amritsar (350 Km).

SPECIAL SESSION ON "TRENDS IN ARTIFICIAL INTELIGENCE AND ITS APPLICATIONS"

SESSION CHAIR

Dr. Chandrashekhar Azad
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AIMS & SCOPE

Artificial intelligence has transformed information technology. This special session aims to explore the latest trends in artificial intelligence technology and its applications, including data mining, machine learning, computer vision, evolutionary computation, fuzzy logic, neural network etc.

Artificial intelligence algorithms have attracted researchers and have also been applied to solve problems in science & technology. Artificial intelligence algorithms consume substantial computational time due to stochastic feature of the search approaches. Therefore, there is a potential requirement to develop efficient algorithms.

The aim of this special session is to highlight the most significant recent developments on the topics of AI and to apply AI algorithms in real-life scenarios. Contributions containing new insights and findings in this field are welcome.

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)

- AI Algorithms
- Artificial Intelligence tools & Applications
- Natural Language Processing
- Computer Vision and Speech Understanding
- Data Mining and Machine Learning Tools
- Fuzzy Logic
- Hybrid Intelligent Systems
- Information Retrieval
- Intelligent System Architectures
- Soft computing theory and applications
- Artificial neural network
- Evolutionary algorithms
- Swarm intelligence
- Pattern recognition
- Image processing and analysis
- Machine learning
- Information Technology
- Intrusion Detection system
- Medical Mining
- Machine and deep learning
- Big data and analytics
- IoT
- Web Intelligence Applications & Search
- Recent Trends and Developments

PAPER SUBMISSION PROCESS:

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

Email: csazad14@rediffmail.com with Subject Line 'Research Paper for Special Session 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: csazad14@rediffmail.com

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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.