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 "Intelligent Systems and Smart Wireless Computing Using Internet of Things"

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AIMS & SCOPE

Internet of things (IoT) is now shaping the technology around the world. It is emerging different systems and new platforms in terms of software and hardware. For instance, Wireless Sensor Networks (WSNs) play a crucial rule in the IoT systems in which it is the core of the smart data collection process. IoT refers to uniquely addressable objects and their virtual representations in an internet-like structure. The concepts of pervasive computing and ubiquitous computing are related to the internet of things, in the sense that all of these paradigms are enabled by large-scale embedded sensor devices. On the other hand, Machine Intelligence aims to design and develop robust automated decision making systems. Its objective is to minimize the manual interruptions and maximize the accuracy of the machine made 'thoughts' in a system. Since IoT can sense and communicate, they have become tools for understanding complexity, and may often enable autonomic responses to challenging scenarios without human intervention. The large number of devices simultaneously producing data in an automated way will greatly dwarf the information which individuals can enter manually. Machine Intelligence provides us the framework and tools to go beyond trivial real-time decision and automation use cases for IoT. This is a quite challenging task as the real time accurate decisions are to be made in various circumstances over similar 'things' may be with some different features. This session aims to introduce the Intelligent Systems and Smart Wireless Computing Using Internet of Things or to enhance its performance and to have interface among academicians and industry people over the problems and feasible solutions.

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)

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PAPER SUBMISSION PROCESS:

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

Email: nikhilmarriwala@gmail.com, nmarriwala@kuk.ac.in 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: : nikhilmarriwala@gmail.com, nmarriwala@kuk.ac.in

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