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 INTERNET OF THINGS: INFRASTRUCTURE, APPLICATIONS AND SERVICES"

SESSION CHAIR (S)

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AIMS & SCOPE

Internet of Things (IoT) has been considered as an important technological revolution for smart systems, such as smart city, smart transportation, smart home, and smart factories. In such systems, it is critical to design and implement architectures, methods, and algorithms to collect and process large amount of IoT data, and ultimately enable decision making for IoT-enabled systems. The goal of this special session is to address these challenges in order to develop intelligent IoT systems for effectively processing real-time big IoT data and managing future IoT systems in a large scale.

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 topics (but are not limited to) are invited for submission in this special session:

Tracks: (Sub-Themes)

- IoT enabled infrastructures in smart cities
- Innovative techniques for IoT infrastructure security
- IoT system design methodologies
- Big data analytics for cross domain IoT
- Software platforms and middleware techniques for IoT
- QoE and QoS provisioning in scalable smart city applications
- Intelligent services in IoT
- Intelligent transportation systems and vehicular networks
- IoT based smart home services
- Applications and services for real-world smart environments: design, implementation, and testing
- Business Intelligence Modelling of real IoT deployments
- Information security in IoT -based intelligent service
- Cost/efficiency of intelligent services for IoT
- Intelligent algorithms and strategies for IoT
- IoT applications for big health services

PAPER SUBMISSION PROCESS:

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

Email: deanresearch@krishnacollege.ac.in with Subject Line 'Research Paper for Special Session on "Intelligent Internet of Things" at 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: aagarwal@ddn.upes.ac.in

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Publication Policies:

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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.