



First International Conference on Recent Trends in Parallel and Distributed Processing Techniques (RTPDP-2021) – Online mode
July 9 - 10, 2021

**Department of Electronics and Communication Engineering,
 Galgotias College of Engineering and Technology (GCET),
 Greater Noida, India**



CALL FOR PAPERS

About Galgotias college

Galgotias College of Engineering & Technology (GCET) is approved by AICTE, Ministry of HRD, Government of India and affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow. GCET has acquired a unique status in UP, the NCR region, and the country as a whole by breaking new grounds in producing professionals of national and international acclaim and has been recognized as one of the top-ranking institutions imparting high-quality education.

About the conference

Parallel and Distributed Processing is under development for many years, linking with different research and application trends such as cloud computing, data center networks, green computing, etc. To exhibit current developments and address challenges in theory, technology, and applications evolving in this viable field, we organize an International Conference on Recent Trends in Parallel and Distributed Processing techniques (RTPDP- 2021). The primary goal of this conference is to provide a platform for researchers, scientists, industry experts, and scholars to share their novel ideas and research results on the application of human cognition models in various practical computing applications.

Research manuscripts are invited in the following topics (but not limited to)

- Parallel/distributed architectures
- Parallel algorithms
- High-performance computing
- Green Data Centres
- Big Data analytics
- Distributed AI and ML
- Data centre networks
- Wireless Sensor Networks (WSN) and IoT
- Computer Networks & Communication
- Networking and Architectures
- Wireless Networks and Mobile Computing
- Cloud computing
- Grid Computing
- Optical Computing
- Task scheduling and resource allocation
- Scheduling and Resource Management
- Reliability and fault-tolerance
- Network routing and traffic analysis
- Cryptography and Network Security
- Cyber security and privacy protection
- Bioinformatics
- Software Systems and Technologies
- Theory of Parallel / Distributed Processing
- Big Data and High-Performance Computing
- Parallel/Distributed Applications
- Networks and Interconnection Networks
- Energy/power-aware Computing
- Building Block Processors
- Real-time and Embedded Systems
- Parallel/Distributed Algorithms and their applications
- Multimedia Communications, Systems, and Applications
- Software Tools and Environments for Parallel and Distributed Platforms
- High-performance Computing in Computational Science
- Performance Evaluation and Management of Wireless Networks and Distributed Systems
- FPGA-based Design
- Performance Analysis, Evaluation, Prediction
- Nanotechnology in HPC
- Internet of Nano Things (IoNT)
- High-performance Mobile Computation and Communication
- Object-Oriented Technology and Related Issues
- Web-based Simulation and Computing
- Complex Systems, Theory and Applications
- Smart Antennas for IoT Applications
- ML Based Antenna Design for Physical Layer Security

Important dates

Last date for Paper Submission **May 31, 2021**
 Date of notification of accepted Papers **June 08, 2021**
 Last date for Registration **June 18, 2021**
 Date of Conference **July 09 & 10, 2021**

Proceedings

All registered and presented papers will be published through IOS Press in form of an edited book (Scopus Indexed & Open access)

Submissions

Author must submit their manuscript through EasyChair URL
<https://easychair.org/conferences/?conf=rtpdp2021>

REGISTRATION FEE DETAILS

Indian Authors:

Academician/Industry Members: ~~INR 9000~~ INR 6000
 Full time Research Scholar/Students: ~~INR 8000~~ INR 5000
 Attendees: INR 2000

Foreign Authors:

Academician/Industry Members: 500 US Dollars
 Full time Research Scholar/Students: 400 US Dollars
 Attendees: 100 US Dollars

Conference Website: <http://rtpdp.com>

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 Prof. & Head, Dept. of ECE, GCET

Conference Chair

Dr. R. L. Yadava (Prof., Dept. of ECE, GCET)

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