

## Call for Papers

 <b>Com-IT-Con</b>	International Conference on <b>Machine Learning, Big Data, Cloud and Parallel Computing:</b> Trends, Perspectives and Prospects	 <b>MANAV RACHNA</b> vidyapariksha	 <b>IEEE</b> IEEE Conference Record No. 45641
<b>14<sup>th</sup> -16<sup>th</sup>, February, 2019</b> Computer Science & Engineering Department, Faculty of Engineering, MRIIRS, Faridabad, Haryana, India			

<https://comitcon.in/>

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**All accepted, registered & presented papers will be considered for publishing in  
Conference Proceedings by IEEEEXPLORE (IEEE Conference Record Number#45641)**

**Scopus Indexed**

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**MANAV RACHNA INTERNATIONAL INSTITUTE OF RESEARCH AND STUDIES,  
FARIDABAD, HARYANA**

### About Com-IT-Con

Com-IT-Con 2019 is an annual series of an International conference at Computer Science and Engineering Department under Faculty of Engineering and Technology, MRIIRS, Faridabad, Haryana. The aim of Com-IT-Con is to provide an arena for brainstorming, discussing and scientific sharing of the advances, trends and recent innovations in the area of Computers and IT by offering new themes every year.

**About the Conference : Com-IT-Con 2019 - International Conference on Machine Learning, Big Data,  
Cloud and Parallel Computing: *Trends, Perspectives and Prospects***

**Com-IT-Con 2019** is an inaugural gathering of the annual series of **Com-IT-Con**. For Com-IT-Con-2019, the theme of the conference has been decided as International Conference on Machine Learning, Big Data, Cloud and Parallel Computing: *Trends, Perspectives and Prospects*.

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### Important Dates

**Paper Submission Deadline:** 10th December, 2018  
**Acceptance Notification:** December 16<sup>th</sup>, 2018  
**Camera Ready Paper Submission Deadline:** December 30<sup>th</sup>, 2018  
**Last Date for Registration:** January 17<sup>th</sup>, 2019  
**Conference Dates:** 14 -16 ,February 2019

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## Call for Papers

Original contributions from researchers describing their original, unpublished, research contribution which is not currently under review by another conference or journal and addressing state-of-the-art research are invited to share their work in all areas of Information and Communication Technologies and its applications in field for engineering.

## Conference Tracks

**Track 1:** Machine Learning

**Track 2:** Big Data

**Track 3:** Cloud Computing

**Track 4:** Parallel Computing

### Track 1: Machine Learning

Aspects of Data Mining • Association Rules • Automatic Semantic • Annotation of Media Content • Bayesian Models and Methods • Case-Based Reasoning and Learning • Classification and Model Estimation • Clustering and Its Applications • Data Stream Mining • Deep Learning • Fast Learning Methods • Feature Selection • Reduction and Learning • Frequent Pattern Mining • Goodness Measures • Inductive Learning • Inference Rule Learning • Machine Learning in AI • Information Retrieval • Learning and Adaptive Control • Real Time Learning • Real-Time Event Learning and Detection • Selection with Small Samples • Similarity Measures and Learning of Similarity • Social Media Mining • Statistical and Evolutionary Learning • Statistical Learning and Neural Net Based Learning • Support Vector Machines • Text, Video and, Image Mining • Soft Computing • Time Series and Sequential Pattern Mining

### Track 2: Big Data

Big Data Analytics • Big Data Search and Mining • Machine Learning • Data Stream Mining • Text Mining • Statistical Modeling • Sentiment Analysis • Social Network Analysis • Visualization Analytics for Big Data • Data Acquisition • Integration, Cleaning, and Best Practices • Internet of Things (IoT) • Link and Graph Mining • Web Search and Mining • Natural Language Processing • Soft Computing • Big Data Search Architectures • Scalability and Efficiency • Big Data Applications • Big Data and Society • Critical Infrastructure Security • Data Privacy • Information Security

### Track 3 Cloud Computing

Cloud as a Service • Cloud Infrastructure • Cloud Management and Operations • Cloud Security • Cloud Computing Pricing and Economics • Cloud Computing in Business Intelligence • Cloud Performance, Scalability, and Reliability • Data Analytics in Cloud • Cloud Development and Its Applications

### Track 4: Parallel Computing

Multicore and Many Core Systems • High Performance Systems • Interconnection Networks • Energy Efficient Design • Performance Evaluation of Parallel Algorithms • Parallel Programming Languages • FPGA's and GPGPU • Compilers in Parallel Environment • Stream Processors in GPU • Parallel Computing in Big Data Analytics • Virtual and Augmented Reality (VR and AR) • Robotics • Efficient Resource Utilization • Operating Systems and Middleware for Parallel Architecture • Parallel Methods for Deep Learning and AI Design Patterns for Parallel Computing • Parallel Sparse Matrix Computations • Load Balancing • Theoretical Studies on Parallel/Grid Computing • Novel System Architectures • Heterogeneous Systems • Real World Applications • High Performance Computing • Software-Hardware Co-design

## Paper Submissions

Submitted papers should be original research work, which has not been submitted elsewhere (conference or journal) or undergoing review. Submitted paper should follow the IEEE conference paper proceeding format and reference style strictly. Authors can download the IEEE conference paper proceeding format using the link :

**IEEE Conference Paper Template:** <https://www.ieee.org/conferences/publishing/templates.html>

Each manuscript submission is limited to 05 pages in length. Authors are requested not to disclose their identity in manuscripts in any form as the conference follows the **double-blind review** process. All submissions are handled only through the Easy chair website. Authors can submit their papers using the given link;

**Paper Submission Link :** <https://easychair.org/conferences/?conf=comitcon2019>

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