

**4TH INTERNATIONAL CONFERENCE ON INNOVATIVE COMPUTING AND COMMUNICATION
(ICICC 2021)**

*ORGANISED BY: SHAHEED SUKHDEV COLLEGE OF BUSINESS STUDIES, UNIVERSITY OF DELHI, NEW
DELHI*

On

20-21st FEBRUARY, 2021

******* CALL FOR PAPERS *******

SPECIAL SESSION ON

“Advanced Data Analytics with Machine learning and Deep Learning”

SESSION ORGANIZERS:

Ms. Preeti Nagrath, Dr. Rachna Jain,
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SESSION DESCRIPTION:

The session covers recent challenges in developments, techniques and technologies in Machine Learning and Deep learning. Machine Learning relates with the study, design and development of the algorithms that give computers the capability to learn without being explicitly programmed. Nowadays, Deep learning offers unprecedented possibilities in a wide range of new computation areas, becoming a key topic in the academia and industry. The goal of this special session is to bring together researchers and practitioners from academia and industry to focus on machine learning and deep learning advancements, and establishing new collaborations in these areas. The session is expected to provide an opportunity for the researchers to meet and discuss the latest solutions, scientific results and methods in solving intriguing problems in the fields of Big Data Analytics, Data Sciences and Neural Networks. So the authors are solicited to contribute to the journal by submitting articles that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in the areas of machine learning and deep learning with data analytics.

Contributions are expected to present original research on deep learning and machine learning with real world applications

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- Machine learning and statistical methods
- Predictive Analytics
- Neural Networks
- Deep/Machine learning based theoretical and computational model
- Novel machine and deep learning
Foundations of big data processing
- Data Management
- Data Quality
- Social Network
- Big data applications
- Feed forward neural networks

- Recurrent neural networks
- Artificial Neural Networks and Learning methods
- Fuzzy neural networks
- Spiking neural networks
- Agent-based learning
- Multi-task learning
- Bayesian networks and applications
- Case-based reasoning methods
- Statistical models and learning
- Computational learning
- Evolutionary algorithms and learning
- Evolutionary neural networks
- Fuzzy logic-based learning
- Neural network models and learning
- Parallel and distributed learning
- Reinforcement learning
- Supervised, semi-supervised and unsupervised learning

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on “**Advanced Data Analytics with Machine learning and Deep Learning s**” *on or before* **[15/12/2020]**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE’S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at http://icicc-conf.com/paper_submission.html. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify “**Advanced Data Analytics with Machine learning and Deep Learning**” at the top (above paper title) of the first page of your paper.

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