International Conference on Data-Processing and Networking (ICDPN-2025)

Date: 7th – 8th November, 2025

ORGANISED BY : Institute of Technology and Business in České Budějovice, Near Prague, Czech Republic, Europe (Venue).

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

SPECIAL SESSION ON
[Intelligent Computing and Analytic using MACHINE LEARNING and DEEP LEARNING]

SESSION ORGANIZERS:

Dr. Preeti Nagrath, Associate Professor
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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
Ambient Intelligence
Artificial Intelligence
Cognitive Approaches
Web Intelligence
Knowledge Mining
Convolutional neural network
Generative adversial network
Predictive Analytics
Neural Networks,
Fuzzy Systems and Evolutionary Computation
Deep/Machine learning based theoretical and computational model
Recurrent neural networks
Artificial Neural Networks and Learning methods
Case-based reasoning methods
Statistical models and learning
Computational learning
Evolutionary algorithms and learning
Evolutionary neural networks
Reinforcement learning
Supervised, semi-supervised and unsupervised learning

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[[Intelligent Computing and Analytic using MACHINE LEARNING and DEEP LEARNING]** **]** *on or before* **[30th MAY 2025]**. 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 **https://www.icdpn-conf.com/Downloads**. All submitted papers will be reviewed on a double-blind, peer review basis.

NOTE: While submitting paper in this special session, please specify [**[Intelligent Computing and Analytic using MACHINE LEARNING and DEEP LEARNING]**

] at the top (above paper title) of the first page of your paper.

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