

ICICC-2021
**International Conference on Innovative Computing and
Communication**
Organized by Shaheed Sukhdev College of Business Studies, New Delhi, India
On 20-21 Feb 2021.

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

SPECIAL SESSION ON

Machine Learning Designs, Implementations, Techniques in Cloud, IoT, Image Mining and Health Care applications

SESSION ORGANIZERS:

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SESSION DESCRIPTION:

Machine learning and Deep learning are prominent research interests which have influenced multiple areas of research interests such as Bio-medical applications, Cyber security, Data Fusion, Healthcare, Image processing, Agriculture, Financial services and Data mining applications. Because of its diverse importance and applicability to various domains, researchers from both academia and industry are evaluating possibility of developing computationally efficient approaches by applying machine learning, artificial intelligence and deep learning principles and techniques. Although, numerous approaches are explored to build highly efficient and effective anomaly detection systems, but they are confronted with many difficulties when dealing with complex data, such as failing to capture intricate feature interactions or extract good feature representations. For instance, machine learning and deep learning techniques have shown very promising performance in tackling different types of complex data in a broad range of tasks/problems, but its development in the area of anomaly detection is relatively slow due to some unique characteristics of anomalies, e.g. rarity, heterogeneity, boundless nature, and prohibitively high cost of collecting large-scale anomaly data. This special session aims to promote the recent advances and studies in machine learning and deep learning applications related to Cloud, IoT, Image Mining and Health Care applications.

RECOMMENDED TOPICS:

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

- Anomaly detection in Cloud and IOT environments
- Biometric applications using deep learning and machine learning techniques
- Convolution neural network for AI applications
- Data fusion and Data Engineering applications
- Evolutionary and Edge computing
- Feature selection and Feature extraction methods
- Feature transformation methods for dimensionality reduction
- Health care application development using machine learning and deep learning principles
- Image fusion and Data fusion applications
- Pattern recognition and Regression analysis methods for machine learning
- Machine learning and Deep learning-based Health care applications
- Similarity profiled Temporal association mining
- New methods for DDoS attack detection in Cloud environments
- Missing values and Imputation methods for disease classification
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SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Machine Learning Designs, Implementations, Techniques in Cloud, IoT, Image Mining and Health Care applications on or before [insert due date]**. 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 [**Machine Learning Designs, Implementations, Techniques in Cloud, IoT, Image Mining and Health Care applications**] at the top (above paper title) of the first page of your paper.

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