Tentative Outline

Special Thematic Issue for the journal Recent Advances in Computer Science and Communications

Title of the Thematic Issue: "Recent Advances in Artificial Intelligence & Machine Learning: A practical approach"

Guest Editor: Dr. Vikash Yadav

Co-Guest Editors: Dr. Dimitrios A. Karras, Dr. Chuan-Ming Liu

Scope of the Thematic Issue:

The main focus of this special issue is to provide the latest advancements in the problem domain of Artificial Intelligence & Machine learning. As it is the fastest-growing technology in the current scenario. So, we encourage researchers to submit original works which will enlighten other researchers and provide the world with new and improved methodologies using some of the topics mentioned in the following section. Original research works from the area of Artificial Intelligence, Machine Learning, Computational Intelligence, and Big data analytics in varied fields that predominately reflect the widespread need and urgency. The aim of the special issue is to provide a quality publication with innovative ideas and implementation methodology to upcoming buddy researchers and users in the modern-day era.

Keywords: Machine Learning, Image Processing, Fuzzy systems, Machine Intelligence, Mining Engineering, Cloud Computing, Neural networks

Sub-topics:

- The sub-topics to be covered within the issue should be provided:
- Computational Intelligence for image processing and computer vision
- Intelligent healthcare system
- Computational Intelligence and machine learning, deep learning
- Big data mining and analytics for automation
- Intelligent Cognitive-Inspired Computing
- Intelligent Agents and Multi-Agent Systems
- Soft Computing: Techniques and applications
- Deep learning based medical image analysis and enhancement.
- Block Chain: An emerging technology

Tentative titles of the articles:

- Application of Quantum Convolutional Neural Networks for Breast Cancer Detection
- Analysis of Various Image De-noising Algorithms: A Systematic Review
- Design a Implementation of Novel Techniques for Content-Based Ranking of Web Documents
- Studying the Coorelation of Parkisnon Disease and Heart Disease
- Mitigating Social Media Recommendation Polarity using BERT and K-means Clustering
- Security and Challenges in block chain technology: A Review
- Heart Disease Prediction using Machine learning and Neural networks
- Profit Prediction Model using Machine learning Algorithms
- Enhancing Prediction Accuracy of Rainfall using Machine Learning and Forecasting Methods
- Diet Recommendation Model of Quality Nutrition for Cardiovascular Patients
- Smart Health care system for Iot Environment
- Domain Adaptation for neural machine translation a case of Hindi to English
- Unveiling Wine Quality Analysis Using the various techniques

Schedule:

- Thematic issue submission deadline: **30/04/2023**

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