CALL FOR PAPERS

Special Session on "Emerging trends in Machine Learning Methodologies and Applications in Artificial Intelligence"

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Theme of Session:

Artificial Intelligence (AI) is a technology using create an intelligent system that can simulate human intelligence. AI provides systems the capability to automatically learn and improve from experience without being explicitly programmed. Artificial intelligence and machine learning are part of computer science which might be correlated with each other. These two techniques are the most trending technologies which are used for growing intelligent systems.

Machine Learning (ML) deals with designing and developing algorithms to evolve behaviors based on empirical information. ML can adapt to a new environment and to come across and extrapolate patterns. One key aim of machine learning is to be able to generalize from restricted units of data. The process of learning methodologies begins with observations or statistics, which includes examples, direct experience, or instruction, to search for patterns in data and make better decisions in the future primarily based on the examples that we provide.

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4ᵗʰ International Conference on
Intelligent Computing and Communication (ICICC-2020)
18ᵗʰ, 19ᵗʰ and 20ᵗʰ September 2020

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The main purpose is to permit the computers to learn inevitably without human intervention or assistance and alter actions accordingly.

The main scope of this special issue is to bring together applications of machine learning in artificial intelligence (human language, heterogeneous and streaming data, unmanned systems, neural information processing, marketing, and social sciences, bioinformatics, robotics, etc.) to provide a wide view of techniques which can be effectively implemented and also expose how such techniques need to be adapted to each precise domain.

Topics of Interest:
We invite original (un-published) research contributions based on the above mentioned theme including following topics **but not limited to**:

Clustering Algorithm, regression, extraction, classification, recommendation, recognition, and prediction; Neural networks, Problem-solving, and planning; Reasoning and inference; Data mining; Web mining; Scientific discovery; Information retrieval; Natural language processing; Design and diagnosis; Vision and speech perception; Robotics and control; Combinatorial optimization; Game playing; Industrial, financial, and scientific applications of all kinds.

The research paper describes problems and methods, issues, challenges, and applications of research methodology. The research claims about learning problems or approaches provide concrete support via empirical studies, hypothetical analysis, or comparison. All papers must place their contribution clearly in the context of existing work in research problems. Variations from these prototypes, such as comprehensive surveys of active research areas, crucial reviews of existing work, and book reviews, might be considered furnished they make a clean contribution to the field. The research application essential shows how to apply learning methods to solve application problems. All papers must state their contributions clearly and describe how the contributions are supported. The research papers should describe the supporting evidence in approaches that may be validated or replicated via other researchers. All papers ought to describe

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the learning component legitimately and must discuss assumptions concerning knowledge representation and the performance task.

Paper Submission Process:
Please submit your paper (in word/pdf format) at
email: *rajeshkannan.r@vit.ac.in*
with 'Emerging trends in Machine Learning Methodologies and Applications in Artificial Intelligence' mentioned in the subject line.

Program Committee: Name(s), Affiliation(s)

For any further queries related to this special session, please contact the session chairs at:
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