9th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA 2021) June 25 – 26, 2021

National Institute of Technology Mizoram, India

CALL FOR PAPERS

Special Session on "Various Ingresses in Modern Soft Computing and Internet of Things (IoT)"

Session Chair(s):

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Theme of Session:

   The special session addresses various key aspects in the context of recent technologies coupled with the computational approaches that provide a bridge for the peregrination of the advanced research in the modern era. In this context, the role of soft computing and Internet of Things (IoT) are very much crucial owing to their tolerance towards handling imprecision, uncertainty, as well as partial truth. Further, soft computing methodologies have been beneficial in many application domains in contrast to analytical methods. Such soft computing methodologies, mimic consciousness and cognition those play crucial role in various relevant aspects. The neural networks, fuzzy systems along with genetic algorithms play a very significant role while molding the foundation of soft computing. Our proposed session also incorporates the fundamental concepts of evolutionary computation, machine learning, support vector machines, etc. The proffered session is aimed at including the various strategies, applications and future scope of soft computing concepts while conjointly incorporating Internet of Things (IoT).

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Topics of Interest:

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

- Neural Networks and its architecture

- Artificial Neural Networks (ANNs) and IoT

- Fuzzy logic, Neuro-fuzzy systems

- Fuzzy inference systems and perceptrons

- Clustering and IoT

- IoT in designing Evolutionary search methods

- Genetic algorithm and Evolutionary computing

- Support Vector Machines (SVMs) and clustering

- Neuro-fuzzy-genetic systems and IoT

- Adaptive Neuro-fuzzy Inference Systems and IoT

- Machina Learning and Computational intelligence

- Machine Intelligence and IoT

- Pattern Associators

- Hopfield networks and Associative memory

- Machine learning for IoT

Paper Submission Process:
Please submit your paper (in word/pdf format) at

email: bimalabibhuprada@gmail.com

with '**Various Ingresses in Modern Soft Computing and Internet of Things (IoT)**' mentioned in the subject line.

Program Committee:

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