



5th International Conference on Advanced Machine Learning Technologies and Applications (AMLTA-2020)
Manipal University Jaipur, Jaipur, Rajasthan, India
February 13-15, 2020.

Special Session on

Computational Intelligence and Nature Inspired Techniques Applications (CINITA)

Special Session Organizer(s):



Dr. Sunil Kumar Jangir, Assistant Professor in School of Engineering & Technology, Mody University, Sikar, Rajasthan, India. Dr. Jangir received his B.E. with honours from the University of Rajasthan in July 2009. He received the M.Tech degree with highest distinction in Software Engineering from Suresh GyanVihar University., Jaipur and the Ph.D. degree in Computer Science & Engineering from JECRC University, Jaipur. He is having 10 years of teaching experience in the field of in Computer Science & Engineering. He has published more than 20 research papers in national and international conferences and journals. Dr.Jangir serves as a convener of 1st and 2nd ICITDA, 1st-NCITSA. The main area of his research interest includes Software Engineering, Computer Networks, Big data, Cloud computing, Machine learning, Deep learning as well as routing protocols for ad- hoc networks. Currently, he is working in the area of IoT.

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Dr. Manish Kumar, Assistant Professor in School of Engineering & Technology, Mody University, Sikar, Rajasthan, India. Associated with Indian organizations like Birla Institute of Technology Mesra, Indian Institute of Technology Patna, Central Scientific Instrumentation Organization Chandigarh. Area of research interests Medical Image Processing, Neural Networks and Nature Inspired Techniques.

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DESCRIPTION

Computational Intelligence and Nature Inspired Techniques Applications will focus on the disciplines of computer science, engineering, and mathematics. The scope of this session includes developing applications related to all aspects of natural and social sciences by employing the technologies of computational intelligence and heuristic techniques. The new applications of using such techniques are still growing. Although computational intelligence and Nature Inspired Techniques are established fields, and its applications in various engineering problems can be regarded as an emerging field, which is the focus of this international conference session.

SCOPE AND TOPICS

The aim of this special session to provide an platform for researchers to share recent ideas and review in the field of Computational Intelligence and Nature Inspired Techniques and their applications in various social and engineering problems like Automation & Control, Signal & Image Processing, Estimation and Optimization. The special session aims to novel, full-length original or review articles which address the unique finding and developments from researchers, academicians and practitioners from industries, in the area of Computational Intelligence and Soft Computing.

The topics of interest include, but are not limited to:

- Neural Networks
- Deep Learning (RNN, CNN, LSTM, etc.)
- Nature Inspired Techniques (GA, PSO, CSO, etc.)
- Optimization Techniques
- Heuristic Techniques
- Smart/Intelligent Controller
- Adaptive Control
- Image Processing
- Signal Processing
- Adaptive Filtering
- Biomedical Engineering
- Soft Computing
- Robotics & Mechatronics
- IOT

IMPRTANT DATES

Paper Submission: 15 August 2019

Paper Accept/ RejectNotification15September2019

CameraReadyPaperSubmission30September2019

RegistrationOpens15September2019

Early Bird Registration closes 15 November 2019

SUBMISSION GUIDELINES

Please refer the following link for paper template, submissions system and other process related to online paper submission.

<http://amlta.com/2020/author-guidelines/>