**Special Session
on**

("Innovative Development and Trends in Artificial Intelligence Methods")
**International Conference on Computational Intelligence and Data Science
(ICCIDS 2018)**
http://iccids2018.ncuindia.edu/

7-8th April, 2018
at

The NorthCap University, Gurugram

[1]   Session committee member's details

*Name: Dr. Sanjay Kumar Malik

*Title [Dr/Prof/etc]: Dr.

*Institution: SRM University, Delhi-NCR, Sonepat

*Department: Computer Science and Engineering

City: Sonepat, Haryana

*Postcode: 131001

*Country: India

AIM &SCOPE: In recent years, the popularity of artificial intelligence methods has grown exponentially and widely adopted for solving various applications. Further, there is great interest for deploying artificial intelligence (AI) based methods in the fields of machine learning, optimization theory, game theory, control theory, optimization, problem solving, data analysis, networks and management related areas. The current trends of Artificial Intelligence focus on hybridization to improve the performance AI methods. Despite the immense growth of AI methods, several issues and challenges have been raised that can affect the performance these methods. The challenges problems may include apply the existing AI methods to new tasks, significant integrated systems challenges, or fundamentally new technologies needed for new applications. These problems may consider any aspect of specific AI applications, including the underlying technology, engineering concerns, or technology transition and deployment issues. The aim of this special issue is provide new directions for addressing the current challenges related to AI methods. It will also focus on bringing the current edge opinions on the hybrid artificial intelligence method as well as hybrid methods.

Subject Coverage: Topics of interest include, but are not limited to, the following scope:

- Problem solving and planning
- Reasoning and inference
- Machine learning and representation learning
- Pattern recognition
- Data visualization and dimensionality reduction
- Deep learning

- Probabilistic Models and Methods
- Robotics
- Intelligent systems in health and medicine
- Bio-informatics
- Cognitive discovery
- Algorithms for embedded and real-time systems
- Semantic technologies
- Intelligent sensors and sensor networks
- Augmented reality and adaptive systems
- Human-machine interaction
- Natural language processing
- Situation awareness systems
- Recommender systems
- Classification, regression and prediction
- Communication Technology
- Routing
- Multi-agent systems
- Game playing
- Modelling and analysis

Notes for Prospective Authors:

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. All papers are refereed through a peer review process. If you have any queries concerning this special session, please email the Dr. Sanjay Kumar Malik at skmalik9876@gmail.com

Important Dates:

Extended date for submission: 30th January 2018
~~Last date for paper submission: 30th December 2017~~
Notification of Acceptance: 28th February 2018
Last date for camera ready paper: 10th March 2018
Author Registration Deadline: 15th March 2018
Conference date: 7-8 April 2018

All accepted papers will be published in Procedia Computer Science, Elsevier.

Dr. Sanjay Kumar received the Ph.D. Degree in Computer Science and Engineering from Deenbandhu Chhotu Ram University of Science and Technology (DCRUST), Murthal (Sonepat) in 2014. He obtained his B. Tech. and M. Tech. Degree in Computer Science and Engineering in1999 and 2005 respectively. He has more than seventeen years of Academic and Administrative experience. He is presently working as an Associate Professor in the Computer Science and Engineering department since2015.Currently, he is serving as the Students Chief Coordinator & Ph. D. Coordinator of SRM University Delhi-NCR, Sonepat Haryana.

He has published more than fifteen papers in the International and National journals of repute like Springer, Elsevier etc.He has also presented more than twenty papers in the International and National conferences. He has supervised many M. Tech. and M.Phil. Dissertation and at present eight students are pursuing their Ph.D. with him. His current research area is Mobile Adhoc Networks, Wireless Sensor Networks, IoT, Cloud Computing, Mobile Computing and Cyber & Network Security.

He also served as the Sessions Chair at the Taylor & Francis International Conference on Communication and Computing Systems (ICCCS 2016). He also served as the Tutorials and Special Session Chair at the CSI International Conference on Computing for Sustainable Global Development (INDIACom 2015).He is the reviewer of Springer and Elsevier journal.

He is the life member of Computer Society of India and Indian Society for Technical Education.