



FEBRUARY 4-6, 2019 / AMITY UNIVERSITY, DUBAI
 AMITY INTERNATIONAL CONFERENCE ON ARTIFICIAL INTELLIGENCE (AICAI'2019)
<http://www.amity.edu/aiit/aicai2019/>

IEEE CONFERENCE RECORD NUMBER 45948

TECHNICALLY CO-SPONSORED BY IEEE UAE SECTION

Call for Paper for Special Session on Optimization, Decision-making and Artificial Intelligence

Session Chairs

Session Chairs

Dr. Vijay Kumar

Department of Mathematics
 Amity Institute of Applied Sciences
 Amity University Uttar Pradesh,
 Noida(INDIA)
vijay_parashar@yahoo.com

Dr. Mandeep Mittal

Department of Mathematics
 Amity Institute of Applied Sciences
 Amity University Uttar Pradesh,
 Noida(INDIA)
mittal_mandeep@yahoo.com

Session Co-Chair

Prof.(Dr.) Sarla Pareek

Dean, Faculty of Mathematics &
 Computing
 BanasthaliVidyapith,
 Rajasthan
psarla13@gmail.com

Theme of the Special Session

This special session invites papers discussing advances in the development and application of Optimization, Decision-Making and Artificial Intelligence. Operations Research (OR) and Artificial Intelligence (AI) are linked. Local optimization is one of the primitive forms of continuous optimization in a discrete space. It was one of the early techniques proposed during the mid sixties to cope with the overwhelming computational intractability of NP-hard combinatorial optimization problems. Unlike continuous optimization a technique, local search has often used in AI research and has established a strong link between AI and OR area. Artificial intelligence (AI) makes it possible for machines to learn from experience, adjust to new inputs and perform human-like tasks. AI techniques try to simulate human behavior. They present a better, faster and accurate solution to an optimization problem than the existing conventional techniques. Artificial intelligence techniques generally make use of multiple solutions to obtain an optimal solution. AI techniques are increasingly extending and enriching decision support through such means as coordinating data delivery, analyzing data trends, providing forecasts, developing data consistency, quantifying uncertainty, anticipating the user's data needs, providing information to the user in the most appropriate forms, and suggesting courses of action.

Topics of interest: Topics of interest include, but are not limited to:

- Artificial and Expert Intelligence
- Optimization
- Mathematical Modeling
- Cloud and Mobile Computing, Internet of Things (IoT)
- Software Engineering
- Deep Learning and other Machine Learning Methods
- Soft Computing, Grid Computing, Image Processing
- Supply Chain Management, Inventory Management & Control
- Decision-making Techniques and MCDM
- Big Data Management, Data Mining and Warehousing

Important Dates

Receiving full paper	November 25, 2018
Email notification of paper acceptance	December 05, 2018
Last date for receiving camera-ready paper	December 15, 2018
Last date of registration (Early Bird)	December 15, 2018
Last date of registration (With Late Fee)	December 31, 2018

Program Committee

- Prof. S. P. Yadav, IIT Roorkee
- Prof. Nita H. Shah, Gujarat University, Gujarat
- Prof. Sanjay Mishra, Covenant University, Nigeria
- Prof. B. Sarkar, Hanyang University, South Korea
- Prof. Anil Kumar, KIET, Ghaziabad, India
- Prof. Sarla Pareek, Banasthali Vidyapith, India
- Dr. V. B. Singh, DCAC, University of Delhi, India.
- Dr. Kapil K Sharma, SAU, New Delhi
- Dr. Adarsh Anand, Delhi University, Delhi
- Dr. Rajesh Mehta, Thapar University, Patiala, India
- Dr. Rajan Arora, IIT Roorkee, India
- Dr. Priyanka Vashisht, ASET, Delhi

Paper Submission Process

- While submitting your paper on easychair.org please choose “**Optimization, Decision-making and Artificial Intelligence**” as topic. Submit your paper (in pdf format) at <http://www.amity.edu/aiit/aicai2019/#about> with a copy of the paper to vijay_parashar@yahoo.com with “**Optimization, Decision-making and Artificial Intelligence and Easy Chair Paper Id**” mentioned in the subject line.
- Extended versions of selected accepted papers will be considered for the special issue of journal: International Journal of Applied Management Science (IJAMS)(Inderscience) (Scopus index, Sci. Indexed)