ICAIN-2024
International Conference on Artificial Intelligence and Networking

Organized by
Guru Tegh Bahadur Institute of Technology (GTBIT),
affiliated to
Guru Gobind Singh Indraprastha University (GGSIPU), Delhi
in association with
Portalegre Polytechnic University & Institute of Technology and Business in České Budějovice, Czech Republic
&
Keshav Mahavidyalaya, University of Delhi

24th - 25th September 2024

************** CALL FOR PAPERS ***************

SPECIAL SESSION ON
INTELLIGENT MACHINES AND COMPUTATIONAL SYSTEM ENGINEERING

SESSION ORGANIZERS:

1. Dr. Harish Kumar Taluja, HRIT Group of Institutions, Ghaziabad-201003,India, harishtaluja@gmail.com

2. Dr. Sonam Gupta, Ajay Kumar Garg Engineering College, Ghaziabad-201009, India, guptasonam6@gmail.com

3. Dr.Anuradha Taluja, Ajay Kumar Garg Engineering College, Ghaziabad-201009, India, anutaluja@gmail.com

SESSION DESCRIPTION:

The proposed special session aims to bring together researchers, practitioners, and industry specialists from diverse backgrounds to explore the intersection of computational algorithms, intelligent information systems, computer applications, and related areas of Computer Science and Engineering. Through keynote speeches, panel discussions, and interactive workshops, participants will have the opportunity to disseminate state-of-the-art technology, share insights, and foster collaborations in this rapidly evolving field. Our special session, will serve as a dynamic platform for interdisciplinary exploration, technological advancements, and practical applications within the realm of computational intelligence. Delving into the synergies between machine intelligence and diverse disciplines such as neuroscience, economics, and beyond, we will uncover new insights and opportunities at the intersection of these fields. Through spotlighting recent breakthroughs in algorithms, applications, and methodologies, we aim to drive the frontier of computational intelligence forward, empowering attendees with the latest advancements and techniques. Furthermore, by showcasing real-world implementations of computational methods and systems engineering, our session will shed light on their tangible impact on industries and society, fostering

dialogue and collaboration to navigate the complex landscape of computational intelligence responsibly and ethically.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- Fuzzy Systems, Evolutionary Computation, Artificial Neural Networks
- Human-Machine Learning Systems
- Knowledge Discovery, Data Mining, Data Analytics
- Social Systems Analysis, Social Computing
- Software Engineering/Management
- Artificial Intelligence, Big Data And Analytics
- Internet of Things, Industrial IoT
- Machine Learning And Deep Learning
- Machine Vision And Image Processing
- Robotics And Automation Education

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **[session name]** *on or before* **[30th July 2024]**. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at https://www.icain-conf.com/downloads. All submitted papers will be reviewed on a double-blind, peer-review basis.

NOTE: While submitting paper in this special session, please specify **INTELLIGENT MACHINES AND COMPUTATIONAL SYSTEM ENGINEERING** at the top (above paper title) of the first page of your paper.

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