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## International Conference on Cyber Analytics and Information Retrieval

***Organized by***

***Sister Nivedita University (SNU), India***

*Technically Sponsored by:*

**Scientific Innovation Research Group (SIRG), Egypt**

**Scientific Research Group in Egypt (SRGE), Egypt**

**CI2S lab, Argentina**

**Date: 24th – 25th April 2025 (Hybrid Mode)**

## \*\*\*\*\*\*\*\*\*\*\*\*\*\* CALL FOR PAPERS \*\*\*\*\*\*\*\*\*\*\*\*\*\*

**SPECIAL SESSION**

Recent Advances in Artificial Intelligence & Machine Learning

### SESSION ORGANIZERS:

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| Vikash Yadav (2).jpg | Sonam Gupta.jpg |
| Dr. Vikash Yadav  Government Polytechnic Bighapur Unnao, Department of technical Education, Uttar Pradesh, India vikas.yadav.cs@gmail.com | Dr. Sonam Gupta  Ajay Kumar Garg Engineering College, Ghaziabad, India guptasonam@akgec.ac.in |

**SESSION DESCRIPTION:**

This special issue will aim to discuss computational intelligence approaches, initiatives and applications in engineering and science fields (including Machine Intelligence, Mining Engineering, Modelling and Simulation, Computer, Communication, Networking and Information Engineering, Systems Engineering, Innovative Computing Systems, Adaptive Technologies for Sustainable Growth, and Theoretical and Applied Sciences). This collection should inspire various scholars to contribute research on intelligence principles and approaches in their respective research communities, while enriching the body of research on computational intelligence.

Imparting intelligence has become the focus of various computational paradigms. Thanks to evolving soft computing and artificial intelligent methodologies, scientists have been able to explain and understand real life processes and practices which formerly remained unexplored by dint of their underlying imprecision, uncertainties and redundancies, as well as the unavailability of appropriate methods for describing the inexactness, incompleteness and vagueness of information representation. Computational intelligence tries to explore and unearth intelligence embedded in the system under consideration.

### RECOMMENDED TOPICS:

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

* Computational Intelligence

Foundations and principles

Neural networks

Fuzzy systems

Evolutionary computation

* Applications of Computational Intelligence in:

Machine Intelligence

Mining Engineering

Modelling and Simulation

Signal Processing

* Computer, Communication, Networking and Information Engineering

Innovative Computing Systems

Adaptive Technologies for Sustainable Growth

Theoretical and Applied Sciences

### PUBLICATION AND SUBMISSION PROCEDURE

The conference aims at carrying out double-blind review process. The papers submitted by the authors will be assessed based on their technical suitability, the scope of work, plagiarism, novelty, clarity, completeness, relevance, significance, and research contribution. The conference proceedings will be published in AIP Web of Science, Scopus series.

**NOTE: While submitting the paper in this special session, please specify [Recent Advances in Artificial Intelligence & Machine Learning] at the top (above paper title) of the first page of your paper.**

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