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# ICIDA 2022

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## International Conference on Innovations in Data Analytics

***Organized by***

***Eminent College of Management and Technology (ECMT), India***

In collaboration with

***International Knowledge Research Foundation***

*Technically Sponsored by:*

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

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

**SETIT Research Lab.  Sfax University –Tunisia**

**CI2S lab, Argentina**

**November 29-30, 2022 (Online Mode)**

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

<http://icida.ikrf.in/>

**SPECIAL SESSION**

Computational Intelligent Techniques and Applications

### SESSION ORGANIZERS:

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| **Prof. (Dr. ) Raj Gaurang Tiwari**  **Professor,Department of Computer Science and Technology,**  **Chitkara University, Punjab, India** [rajgaurang@chitkara.edu.in](mailto:rajgaurang@chitkara.edu.in) | **Dr. Ambuj Kumar Agarwal**  **Associate Professor, Department of Computer Science and Technology,**  **Chitkara University, Punjab, India** ambuj4u@gmail.com |

**SESSION DESCRIPTION:**

The special session focuses on Computational Intelligence (CI), which is represented by the three subjects Evolutionary Computation (EC), Fuzzy Logic (FL), and Neural Networks (NNs). Starting with fuzzy neural or genetic systems and progressing to more recent computational frameworks such as deep learning and natural language processing, the subject of CI has widened and grown to encompass many disciplines and application domains. Intelligent computing systems give effective answers to complicated problems in rising scientific and technology sectors. Computational intelligence models and systems use computational approaches to solve real-world problems and provide a comprehensive answer based on the computer system's mathematical basis. The conference seeks papers from researchers, academics, and other professionals working in Artificial Intelligence, Big Data, Sensors, Intelligent Computing, Machine Learning, and related fields. At the same time, this expansion has shown a gap in theoretical understanding based on CI systems that allows them to reach their full potential when dealing with real-world problems. The conference will provide a major international forum for the creation and exchange of ideas related to Recent Advances in Computational Intelligence Techniques and Applications in the most diverse fields, including finance, medicine, precision agriculture, and aviation, as well as in a variety of information systems.

### RECOMMENDED TOPICS:

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

* Big data analytics
* Application of deep learning
* E-governance
* Hybrid systems based on intelligent computational techniques
* Machine Learning Perspective on Social Network Analysis
* Recommendation Systems
* Health-monitoring
* E-learning
* Precision Agriculture
* Crop Recommendation System
* Smart cities and Sustainable Goals Developments
* Expert systems
* Applications of intelligent computing in various domains: Big data, IoT, industry 4.0, etc.
* Intelligent computing algorithms
* Evolutionary Computing
* Artificial Immune Systems
* Fuzzy Logic & Soft Computing Techniques
* Design System & Algorithm

### 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 Springer AISC series. All books published in the series are submitted for consideration in Web of Science.

Paper submission system of easy chair: <https://easychair.org/conferences/?conf=iemis2022>

**NOTE: While submitting the paper in this special session, please specify [Computational Intelligent Techniques and Applications] at the top (above paper title) of the first page of your paper.**

**DEADLINE TO REMEMBER: 31st August 2022**

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