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UNIVERSITY**

# **CALL FOR PAPER**

**Special Session on**

***“Data Science and Computational Intelligence in Health  
Informatics and Clinical Research”***

In

**International Conference**

on

**Contemporary Computing and Informatics  
(IC<sup>3</sup>I-2023)**

**14<sup>th</sup>–16<sup>th</sup>September 2023**

At

**Amity University Uttar Pradesh, Plot No. 48 A, Amity Road, Knowledge Park III, Greater  
Noida, Uttar Pradesh, India – 201308.**

**Co-Sponsored by**



**All accepted & presented papers of the Conference by duly registered authors, will be  
submitted to [IEEE Xplore](#) Digital Library for Inclusion.**

**Session Chair:**

**Dr. Yogesh Kumar**, Assistant Professor, School of Technology, Pandit  
Deendayal Energy University, Gandhinagar, Gujarat, India.

**Prof. Shilpi Wadhwa**, Assistant Professor, PCM S. D. College for Women,  
Jalandhar, Punjab, India.

### **Important Weblinks:**

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### **Important Dates:**

Paper Submission Deadline:	14 <sup>th</sup> June 2023
Notification of Acceptance:	16 <sup>th</sup> July 2023
Camera Ready Paper Submission Deadline:	31 <sup>st</sup> July 2023
Last Date of Registration:	12 <sup>th</sup> August 2023
Conference Date:	14 <sup>th</sup> – 16 <sup>th</sup> September 2023

[Amity University](#) is a research driven University which offers higher education in diverse field from Engineering, Management, Life Sciences, Applied Science and the like. Amity University provides quality platform for research in field of Academics. The campus is organizing International Conference on Contemporary Computing and Informatics (IC3I-2023) 14<sup>th</sup>–16<sup>th</sup> September 2023.

This Conference includes many topics which were deeply deliberated and which brewed new ideas. Thus, giving rise to new avenues for researcher. We aim to take those concepts further to derive fresh hypothesis and arrive at the logical deductions. The participation of scientist from across the globe was very encouraging in our last conferences organized in India. This time we are anticipating even larger congregation from more diverse domains as we are reaching out too many eminent philosophers, thinkers and academicians from scientist fraternity.

### **Aim and Scope:**

This session seeks to bring together top academic scientists, researchers, and research scholars to exchange and share their experiences and research findings on all areas of Data Science and Computational Intelligence in health informatics and clinical research. Artificial Intelligence includes Computational Intelligence. There are two varieties of machine intelligence: the artificial type, which is based on hard computing techniques, and the computational type, which is based on soft computing techniques and can adapt to a variety of conditions. The session also provides a premier interdisciplinary forum for researchers, practitioners, and educators to present and discuss

the most recent innovations, trends, and concerns in the fields of computational intelligence, as well as the practical challenges they have encountered and the solutions they have adopted.

**Sub-themes (but not limited to):**

- Data Science in Recommendation Systems
- Data Science and Computational intelligence in healthcare
- Data Science in Medical Image processing and Recognition
- Computational Intelligence in Drug Classification and Discovery
- Artificial Intelligence and Blockchain in Digital Health Record System.
- Explainable AI for Natural Language Processing.
- Computational Intelligence in Soft Computing
- Explainable Artificial Intelligence in Health informatics
- AI and IoT in Smart Healthcare System
- Blockchain Technology in Healthcare System
- Quantum Machine Learning in Healthcare System
- Speech Processing and Speech Technology in Healthcare System
- AR/VR/MR in Healthcare
- Multidisciplinary deep learning approaches and High-performance computing
- Cognitive computing systems for real-world problems
- Artificial Intelligence techniques in quantum computing
- Explainable AI in Health Informatics
- Machine Learning and Deep Learning in Medical Science
- Machine and Deep learning in Digital Health Record System
- Clinical Support System using Explainable AI
- Artificial Intelligence in Smart Cities
- Explainable AI in Smart Energy

**Note:** It is a mandatory requirement that all papers submitted for this session must be e-mailed to [yogesh.kumar@sot.pdpu.ac.in](mailto:yogesh.kumar@sot.pdpu.ac.in), [shilpi.wadhwa84@gmail.com](mailto:shilpi.wadhwa84@gmail.com) along with [Microsoft CMT](#) submission.

In case of any query, please write to us on:

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