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UNIVERSITY**

# **CALL FOR PAPER**

**Special Session on**

*“i-Smart City and i-Healthcare Driven by Intelligent  
Systems”*

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.**

**Technically 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. Sourabh Jain**, Computer Science & Engineering Department, Indian Institute of Information Technology Sonapat, Haryana, India.

**Dr. Sweta Sneha**, Founder and Executive Director, Healthcare Management and Informatics, Kennesaw State University, Georgia, United States.

**Dr. Parul Madan**, Computer Science & Engineering Department, Graphic Era Deemed to be University, Dehradun, Uttarakhand, India.

### **Important Weblinks:**

- To visit Conference Website, [click here](#)
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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 on 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.

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

- Analytics Reasoning and Sense-making on Big Data
- City traffic congestion avoidance systems
- Smart home connectivity application
- Smart transport sharing application
- Smart waste management systems
- Smart structural health systems
- Detection and impact of climate change on people in the smart city
- Smart city laws and policy: problems, prospects, and citizens perspective
- Smart city environmental impacts, environmental monitoring and environmental sensors
- Smart city for sustainable environment
- Intelligent Transportation System (ITS) and its components
- Role of ITS in Smart City
- Data Modelling & Semantic Engineering
- Hybrid Machine Learning Systems for Data Science
- AI-enabled IoT
- Volume Growth of AI in Metadata use and management
- Devices that track emotions
- EEG and Brain Stimulation for Depression
- Wireless devices that change the brain's response to stress
- Smart devices for Chronic Nerve Pain and Insomnia
- Apps and algorithms for Cognitive Behavioural Therapy (CBT)
- Artificial Intelligence (AI) based systems to predict chronic diseases, respiratory diseases, delivery of health services and drug discovery
- Augmented reality-based tools and systems for healthcare professionals
- Digital solutions for diagnosis of Rare diseases and Genetic disorders
- Robotics in Healthcare: Surgical Assistance Robots, Sanitation and Disinfection Robots, robots enabling lab automation & Robotic exoskeletons
- Remote health monitoring solutions
- Medical devices for interventional pulmonary diagnosis and procedures
- Pulmonary rehabilitation devices for COPD and Post-COVID recovery
- Social healthcare expenses reduction systems
- Patient surveillance systems
- Healthcare knowledge engineering and management
- Patient rehabilitation and modernization
- Bioinformatics

**Note:** It is a mandatory requirement that all papers submitted for this session must be e-mailed to [sourabhjain.iiitsonapat@gmail.com](mailto:sourabhjain.iiitsonapat@gmail.com) along with [Microsoft CMT](#) submission.

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