ICDAM-2021
International Conference on Data Analysis and Management
Organized Jointly by JAN WYZYKOWSKI UNIVERSITY, POLAND & PANIPAT INSTITUTE OF ENGINEERING AND TECHNOLOGY, INDIA & IIS (DEEMED TO BE UNIVERSITY), JAIPUR, INDIA

26th June,2021

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

SPECIAL SESSION ON
Intelligent Technologies and its Applications

SESSION ORGANIZERS:

1. **Dr Bramah Hazela**
   Amity University, Lucknow Campus, India
   bhazela@lko.amity.edu

2. **Dr Sachin Kumar**
   Amity University, Lucknow Campus, India
   skumar3@lko.amity.edu

3. **Ms. Pallavi Asthana**
   Amity University, Lucknow Campus, India
   pasthana@lko.amity.edu

EDITORIAL BOARD: (Optional)

1. Dr. Sudeep Tanwar
   Department of Computer Engineering,
   Institute of Technology, Nirma University,
   S-G Highway, Post-Chandlodia, Ahmedabad,
   382481, Gujarat, India.
   Mail ID: sudeep149@rediffmail.com

2. Dr. Sudhanshu Tyagi
   Thapar Institute of Engineering & Technology,
   Deemed to be University, Patiala, Punjab, India
   Mail ID. s.tyagi@thapar.edu

3. Dr. Himanshu Katiyar
   Department of Electronics Engineering,
   Rajkiya Engineering College,
   Churk, Sonbhadra, Uttar Pradesh 231206,
   Mail ID: katiharhimanshu@gmail.com

SESSION DESCRIPTION:

Innovation in technology significantly alters the way that consumers, industries, or businesses operate. Intelligent is the new block that sweeps away the methodical way of static decision making and has introduced a dynamic process of taking decisions based on diversified but related inputs, known as intelligent decision process or more popularly intelligent technology. Disruptive technologies encompass broadly Artificial Intelligence, IoT, Augmented Reality, Blockchain and 3D Printing, in spite being diversified in nature yet smarter and efficient solutions are being designed and implemented with the combinations of these. The amount of data being generated is enormous with the advent of smart intelligent technologies clubbed with Internet of Things (IoT) and Wireless sensor networks that envisions thousands of constrained devices with sensing, actuating, processing, and communication capabilities, able to observe the world with an unprecedented resolution. The big data so generated is being optimized by various statistical and learning algorithms for achieving compression and removing redundancy, sorted data is analyzed for deductions for improvement in working technologies and future predictions. Data has become an epitome of every business and is among the most valuable commodity in present scenario. This has given rise to the concept of keeping the data secured and hence has given a potential boost to research areas that include integration of disruptive technologies This special session covers all aspects on issues arising related to intelligent technologies and their possible integration. This special session welcomes relevant paper submissions from researchers in academia, industry, and government, such as students, engineers, practioners, scientists, and policy makers.

RECOMMENDED TOPICS:

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

- Intelligent technologies and its applications
- IoT Issues and Challenges
- IoT-Fog-Cloud interactions and protocols
- IoT for smart manufacturing (industry 4.0) and smart spaces
- Data Analytics and Block Chain
- Wireless access techniques, systems, and standards
- Heterogeneous and small-cell networks
- Wireless power transfer and energy harvesting for wireless communications
- Wireless Sensor Networks
- Wireless communications testbeds, field tests, and measurements
- Cellular systems, 4G, 5G and beyond
- WiMAX, LTE/LTE-A/LTE-A Pro, WMAN, and other emerging broadband wireless networks
- Wireless networks for underwater and UAVs communications
- Vehicular wireless networks
- Augmented Reality and its applications
- 3D Printing
- Smart grid networks Data Science for smart cities, smart homes and Smart grids
- Data Science with and for smart grids
- Data Science with Internet of Things/cyber-physical systems
- Data Science for biological, biomedical, and health science and technologies
- Artificial Intelligence, data mining, web mining, and graph mining
- Information Security architecture, infrastructure and platforms
- Issues in Information Security
- Cloud datacenter architecture and networking
- Fog/edge computing

SUBMISSION PROCEDURE:

*Researchers and practitioners are invited to submit papers for this special theme session on **Intelligent Technologies and its Application** on or before [31-03-2021]. 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* **Conference Website: http://www.icdam-conf.com**

All submitted papers will be reviewed on a double-blind, peer review basis.

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

* * * * * *