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## KEYNOTE SPEAKERS



**Prof. Valentina E. Balas**  
Department of Automatics and Applied Software, Faculty of Engineering, "Aurel Vlaicu" Arad University, Romania



**Shadab Beg**  
Cloud & Digital Transformation Leader, Microsoft, Seattle, USA



**Naresh Narang**  
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Sadat Academy for Management Sciences, Egypt



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Distance Education Dept, College of Open Education, Anadolu University, Eskisehir, Turkey



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School of Computer Science, Faculty of Engineering and Information Technology, Sydney, Australia



**Dr. Kaebbeh Yarghoobi**  
Department of Computer Engineering, Faculty of Engineering, University of Science and Culture, Tehran, Iran

## 3<sup>rd</sup> INTERNATIONAL CONFERENCE

ON

## ICT For Digital, Smart and Sustainable Development

24<sup>th</sup> - 25<sup>th</sup> March, 2022



# ICIDSSD '22



सत्यमेव जयते  
Department of Science and Technology (DST)  
**DST**



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## ORGANISED BY

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**  
**SCHOOL OF ENGINEERING SCIENCES & TECHNOLOGY**  
**JAMIA HAMDARD (DEEMED TO BE UNIVERSITY)**  
**NEW DELHI, INDIA**

## JAMIA HAMDARD

The name "Hamdard" implies "sympathy for all and sharing of pain". The history of Jamia Hamdard can be traced back to a small Unani clinic in the year 1906 by Hakeem Hafiz Abdul Majeed, one of the well-known practitioners of the Unani System of Medicine of his time. His illustrious son, Hakeem Abdul Hameed, carried forward the philosophy and objectives of Hamdard in independent India by setting up a number of research and educational institutions over the years. The year 1989 saw the fulfillment of his dreams when Jamia Hamdard was given the status of Deemed to be University by the Ministry of Human Resource Development, Government of India. Jamia Hamdard was conceived as a seat of higher learning in Unani Medicine, Islamic Studies, Biosciences, Pharmacy, Nursing, and other areas of knowledge. Jamia Hamdard is among the top 25 universities of India and ranked 1st in the field of Pharmaceutical sciences. Over the years, Jamia Hamdard has expanded the disciplines of learning and emerged as an outstanding institution of higher learning with distinct and focused academic programs including those in Information Technology, Computer Science, and Applications, Business Management, Physiotherapy, Occupational Therapy, etc.

## DEPARTMENT

The Department of Computer Science & Engineering in the School of Engineering Sciences and Technology started in 1997, and its has grown now into a vibrant centre of teaching and research. The Department not only offers Under Graduate (UG) and Post Graduate (PG) Programmes in Computer Science & Engineering/ Computer Application /IT/ ECE/ Data Science/ Cyber Forensics & Information Security, but is also engaged in high quality research activities leading to Ph. D degree in different thrust areas of computer science and engineering and intra disciplinary areas viz. Big Data, Soft Computing, IoT, Neural Networks, Artificial Intelligence, Fuzzy Logic, Software Engineering, Data Mining, Information Security, Cyber Laws, Cyber Forensics, Computer Architecture, Graph Theory, Computer Networks, Distributed System, Discrete Structure, Robotics, Machine Intelligence, Cognitive Radios, Mobile Computing, DBMS, Algorithms, etc. to list a few. Department has made a lot of contributions towards these areas in the form of publications in journals/conference-proceedings/books/sponsored research and collaboration with industrial research. The Department has been recognized by Department of Science and Technology with a grant approved under the FIST scheme.

## ICIDSSD '22

Digital India mission is successfully leading the transformation of India as a modern nation and also significantly helping the United Nations achieve its Sustainable Development Goals 2030. By bringing the academia and the industry together, this conference aims at contributing towards this mission of the Government of India to promote Information and Communication Technologies for the success of the Digital India Program and have more Smart and Sustainable cities across the country. The conference focuses on developing strategic plans for balanced and inclusive growth of the economy through ICT in critical, emerging, and promising areas comprising of but not limited to.

- Sustainable Computing
- Sustainable Energy Consumption
- Sustainable Governance, Sustainability and Security
- Human built Systems for Sustainable Development
- Sustainable IOT and Cyber Physical Systems
- Big Data Analytics
- Data Science and IOT
- Cloud Computing
- Artificial Intelligence

## CALL FOR PAPERS

ICIDSSD '22 aims to pool expertise by bringing together researchers and developers from all fields of computing across the globe knitting together the unprecedented area of logical advancement. The conference will provide an effective platform to the researchers from all over the world to show-case their original innovative research work. Our focus will be on developing strategic plans for balanced and inclusive growth of economy through ICT. The conference will be held over two days with paper presentation from national as well as international community of authors including presentation from keynote speakers. Prospective authors are invited to contribute original high quality research papers through conference website.

### TRACK 1: SUSTAINABLE COMPUTING

- Open Data, Data Science, and Data Engineering
- Intelligent System and Machine Learning
- Evolutionary and Nature Inspired Computing
- Fuzzy Logic, Neural Networks, and Soft Computing
- Evolutionary Algorithm
- Memetic Algorithm
- Neuro Fuzzy
- Big Data Analytics
- Genetic Algorithms
- Neural Networks

### TRACK 2: SUSTAINABLE ENERGY CONSUMPTION

- Smart Grid
- Energy Automation and Energy Metering
- Electric Vehicles
- Power Quality Measurement
- Sustainable Energy and Growth
- Green computing
- Pollution Control
- Environmental Sustainability through ICT
- Low Carbon Footprints using ICT
- Energy-Efficient Infrastructure
- Protocols and Standards for Sustainability
- QoS, Resource Management and Sustainability

### TRACK 3: GOVERNANCE, SUSTAINABILITY AND SECURITY

- Sustainable Business Governance
- E-Governance and M-Governance
- ICT for Sustainable Development Goal
- Forest and Natural Resource Management Digital
- Sustainable Irrigation & water management
- Sustainable Waste Management
- Forensics and Incident Management System
- Cyber Security, Privacy and Cryptography
- Security, Trust and Privacy
- Reliability and Security
- Blockchain Technology
- Disaster Management and ICT

### TRACK 4: HUMAN BUILT SYSTEMS FOR SUSTAINABLE DEVELOPMENT

- Smart Cities and Smart Villages
- e-Agriculture
- Sustainable Irrigation
- Computational Intelligence in Precision Agriculture
- Precision Nutrient and Water Management
- Remote Sensing Applications in Precision Agriculture
- Smart Transportation
- Smart Water Management
- Smart Buildings
- Smart City Services
- Social Network Behaviors, Modeling, and Analysis for Sustainability

### TRACK 5: SUSTAINABLE IOT AND CYBER PHYSICAL SYSTEMS

- IoT
- Connected Devices
- Edge Computing
- Cloud Computing
- Robotics, Automation and Embedded System
- Autonomic and Trusted Computing
- Context Awareness and Personalization
- Crowd Sourcing and Mobile
- Crowd Sensing
- Remote Sensing and GIS
- Signal Processing and Communication
- Circuits and Systems
- Ubiquitous and Pervasive Computing
- Vehicular, Underground and Underwater Networks
- Traffic Engineering
- Smart Spaces and Personal Area Networks
- Sensor Technology
- Intelligent Control
- 5G Networks
- Wearables, Body Sensor Networks
- Smart Portable Devices

## SPECIAL SESSION

ICIDSSD'22 invites proposals to organize Special Sessions related to the conference theme & hot topics within the conference scope. All submitted papers will be reviewed as per EAI Core proceedings. Please send your special session proposals as word file to icidssd22@jamiyahamdard.ac.in. The conference proceedings will be indexed published by EAI Core proceedings.

Last date for special session submission :- 31<sup>st</sup> December 2021

## CRITERIA FOR SELECTION OF PROPOSAL

- All the proposals will be carefully reviewed by the conference TPC committee and will be critically analysed before final selection.
- The person(s) conducting the special session will be entitled to be Session chair(s) for their respective sessions. However, there can be no more than two persons hosting the session.
- Upon selection of the proposal, session chair(s) must furnish the details of the reviewing committee members (4-5), that will be reviewing the manuscripts.
- For conducting special session, there must be at least 5 papers registered in the session.

## PAPER SUBMISSION TIMELINE

ACTIVITIES	LAST DATE
Full length Submission	Feb-10-2022 <b>Feb-25-2022</b>
Notification of Acceptance	Mar-01-2022
Submission of Camera Ready Copy (CRC) and Early Bird Registration	Mar-05-2022
Last Date of Registration	Mar-10-2022
Submission of PPT	Mar-10-2022

## REGISTRATION FEE

Category of Delegates / Authors	IEEE/CSI/IETE/ISTE Members*		General	
	Early Bird	Standard	Early Bird	Standard
<b>Indian Authors &amp; Delegates ( in INR )</b>				
<b>Full Time Students/PhD Scholars</b>	2,000.00	2,500.00	2,500.00	3,000.00
<b>Academicians</b>	2,500.00	3,000.00	3,000.00	3,500.00
<b>Industry</b>	3,000.00	3,500.00	3,500.00	4,000.00
<b>Attendees</b>	1,500.00	1,500.00	1,500.00	2,000.00
<b>Foreign Authors &amp; Delegates ( in USD \$ )</b>				
<b>Foreign Researchers</b>	75.00	100.00	95.00	120.00
<b>Attendees</b>	75.00	100.00	75.00	100.00

\*(Membership validity till 2022 )

### THE REGISTRATION FEE (NON-REFUNDABLE) INCLUDES:

Entry to all Conference sessions, Conference kit with the program and abstract booklet, tea, snacks, and working lunch during the Conference hour.

### THE REGISTRATION FEE DOES NOT INCLUDE:

Article processing and publication fee; it is free of cost as per the norms of Conference. Registration fee once paid is non-refundable.