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5th INTERNATIONAL CONFERENCE

ON

ICT For Digital, Smart, and Sustainable Development

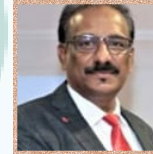
April 22 - 23, 2025



Dr. Samiya Khan
Lecturer, University of Greenwich, UK



Ms. Shubhlata Vashist
Service Manager, Operational Technology, Hamburg, Germany



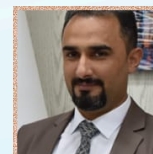
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Assistant Professor, Polytechnic Institute of Viana do Castelo, Portugal



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ICT Advisor to the Chancellor, Kharazmi University, Tehran, Iran



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Assistant Professor, Computer Science Department, University of Bari, Italy



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ORGANIZED BY

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING
SCHOOL OF ENGINEERING SCIENCES & TECHNOLOGY
JAMIA HAMDARD (DEEMED TO BE UNIVERSITY)
NEW DELHI, INDIA 110062

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 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 top 25 universities of India and ranked 2nd 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 programmes 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 center 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. The 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 the Department of Science and Technology, Govt. of India.

ICIDSSD '25

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 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 '25 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.

All submitted abstracts/full papers will be peer-reviewed and evaluated based on originality, research content, correctness, relevance to the topics, and readability. All registered authors will receive a presentation certificate for their accepted abstracts / full papers. The authors with accepted abstracts/ full papers are encouraged to submit their extended full-length paper (6 - 8 pages) for possible publication in journals that are peer-reviewed, indexed in Web of Science/ Scopus / Google Scholar / UGC Care List. The paper submitted will go through peer-reviewed policies of Journals and the author will have to pay APC charges as per the Journal's policies.

Proceeding of the conference will be published in online.

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 BUILD STYTEMs 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'25 invites proposals to organize Special Sessions related to the conference theme and key topics within the conference scope. Please send your special session proposals as a Word file to

icidssd@jamiahamdard.ac.in

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.

ROLE OF SESSION CHAIR

- Session chairs have the responsibility of disseminating call for papers and getting reviews on them (at least two).
- Session chairs must ensure the quality of submissions as the TPC committee may intervene and alter the decisions of Session chairs in case of a poor quality paper.
- Session chairs have to ensure the registration of the selected manuscripts at least 20 days before the conference date.
- All the submissions have to be made through cmt. Portal and the Session chairs must keep a track of the paper ids of the submissions

BENEFITS OF SESSION CHAIR

- Session chairs will be given the certificate.
- Session chairs will be given a free complementary registration as an attendee at the conference.
- Session chairs will be given local hospitality and honorarium (Offline).

IMPORTANT DATES

| ACTIVITIES | LAST DATE |
|---------------------------------------|----------------|
| Paper Submission Deadline | Mar 10, 2025 |
| Notification of Acceptance | April 10, 2025 |
| Submission of Camera Ready Copy (CRC) | April 15, 2025 |
| Last date of registration | April 20, 2025 |

REGISTRATION FEE

To ensure publication of a paper in the Journal/Proceedings, at least one author has to register by submitting the registration fees.

| Indian Authors & Delegates | Fees |
|---|-------|
| Academicians / Students / Research Scholars (Outside Jamia Hamdard) | ₹5000 |
| Academicians / Students / Research Scholars (From Jamia Hamdard) | ₹3000 |
| Attendees | ₹1000 |
| Foreign Authors & Delegates | |
| Foreign Researchers | \$100 |
| Attendees | \$75 |

The participation registration fee will include a kit, presentation certificate, and lunch. The fee is non-refundable.

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.