Maharshi Dayanand University, Rohtak

विकसित भारत अभियान
1947 — 2047

NATIONAL CONFERENCE ON
FUTURE COMPUTING TECHNOLOGIES FOR SUSTAINABLE DEVELOPMENT
NCFCTSD - 2024

March 21, 2024 (Thursday) Time: 9:00 AM onwards

ORGANIZED BY

Department of Computer Science & Applications

in Collaboration with

Chaudhry Ranbir Singh Institute of Social & Economic Change

COMPUTER SOCIETY OF INDIA
ESTD. 1965

Venue: Swaraj Sadan

Paper Submission Deadline: March 17,2024 @ Email: ncfctsd24@gmail.com

MAHARSHI DAYANAND UNIVERSITY ROHTAK, HARYANA
(NAAC Accredited A+ Grade)

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About University

Maharshi Dayanand University (MDU) is one of the leading research-oriented University in India. The University has a well-defined Research Promotion Policy aimed to foster a culture of outstanding peer-reviewed research and houses state-of-the-art academics and research facilities to promote advance research. Maharshi Dayanand University is NAAC Accredited A+ Grade State Government University in Rohtak, Haryana, about 75 KM from Delhi on Delhi-Hisar National Highway (NH- 10). Haryana Legislative Assembly established it in 1976 to promote Inter-Disciplinary Higher Education and Research in Environmental, Ecology, and Life Sciences. It offers educational and research programs through its 38 Departments with more than 263 Institutions / Colleges of General Education, Engineering Technology, Computer Sciences and Management Sciences affiliated to the University.

About Department

Department of Computer Science & Applications was established in 1990 under the Faculty of Physical Sciences with only one course i.e. Post Graduate Diploma in Computer Applications. From that day, Department has shown a commendable progress and now offering MCA, M.Sc. (Computer Science), M.Sc. (Data Science & Machine Learning) & Ph.D. (Computer Science) courses to the students. Department is one of the pioneer Department of the University and has touched almost every aspect of academics& extracurricular activities. Department has proven its potential in research domain also with premium publications in SCI, SCOPUS, Web of Sciences indexed & many other reputed journals. Department also has handsome number of books edited & written by worthy faculty members referred country wide in almost every University. There are 9 regular Teaching Faculty members with one Professor, three Associate Professors & five Assistant Professors.

About Conference

The National Conference on "Future Computing Technologies for Sustainable Development" is a comprehensive event focused on exploring the intersection of cutting-edge computing technologies and their potential impact on sustainable development. The conference aims to bring together experts, researchers, and practitioners from various fields to discuss emerging trends, share insights, and foster collaboration.

The conference will kick off with a keynote session featuring a distinguished speaker providing insights into the future trends in computing technologies and their relevance in driving sustainable development. Technical sessions will delve into topics such as emerging technologies, green computing, Internet of Things (IoT) and sustainability, data analytics for sustainable solutions, and blockchain for social impact.

A panel discussion will bring together experts from academia, industry, and government sectors to provide interdisciplinary perspectives on future computing and sustainability. Attendees will have the opportunity to participate in poster presentations and networking sessions, where researchers and practitioners can showcase their work and explore collaboration opportunities.

The event will also feature workshops and tutorials offering hands-on sessions to enhance attendees' skills in specific computing technologies. The closing ceremony will summarize key takeaways from the conference, express gratitude to participants, and announce future events or initiatives. Social and cultural events, including evening programs and cultural showcases, will provide opportunities for networking and fostering a sense of community.

In conclusion, the National Conference on "Future Computing Technologies for Sustainable Development" aims to create a platform for knowledge exchange, collaboration, and skill enhancement, driving forward the integration of computing technologies to address and contribute to sustainable development goals.

Call for Research Papers

We are pleased to announce a call for papers for the Conference on Future Computing Technologies for Sustainable Development. We invite researchers, engineers, and practitioners in this area to submit their original research papers for consideration. We welcome submissions on a wide range of topics, including, but not limited to:

Sub-themes of the conference:

- Quantum Computing Advancements
- Edge Computing and Edge AI
- Neuromorphic Computing
- Augmented Reality (AR) and Virtual Reality (VR) Technologies
- Blockchain and Decentralized Computing
- 5G and Next-Gen Communication Technologies
- IoT Innovations/Cyber Physical Systems
- Natural Language Processing (NLP) Developments
- Explainable AI (XAI)
- Federated Learning/Split learning and Privacy-Preserving AI
- Human-Machine Collaboration
- Quantum Machine Learning
- Advanced Cybersecurity Technologies
- Evolutionary/Bio-Inspired Computing
- Advanced Data Storage Solutions
- Cloud-Native Technologies
- Edge-to-Cloud Integration & Security Measures
- Hybrid and Multi-Cloud Computing
- Autonomous Vehicles and Transportation Technologies
- Computational Neuroscience
- Drug Discovery and Healthcare

- Sustainable Computing Practices
- Quantum for Sustainability
- Energy-Efficient Algorithms
- Green Cloud Computing
- Climate Analytics
- Renewable Energy Integration
- Green Data Centres
- Digital Twins in Planning
- Responsible AI/Ethical AI/ Equitable AI
- Circular Computing
- Climate Prediction Models
- Sustainable Policies
- Sustainable E-Waste Management
- Green Machine Learning
- Sustainable Transportation Tech.
- Eco-Friendly Mobile Computing
- Sustainable Smart Home Tech
- Remote Sensing for Earth Observation
- Sustainable Data Storage Solutions
- Green Internet Infrastructure
- Robotic Solutions for Environmental Clean-up
- AI-powered Water Management
- Sustainable Business Intelligence
- Green Networking Technologies
- Sustainable Textile Manufacturing Tech
- Eco-Friendly Wearable Tech
- Sustainable Robotics
- AI in Ocean Conservation

Research Paper Submission Guidelines

- **Submitted paper must be original and unpublished**
- **Authors must ensure the Similarity Index (Plagiarism) of the paper should not exceed 10%**
- **The research paper should be submitted in the format given below :**
  - **Length of full paper 4 to 6 pages**
  - **Maximum number of Co-authors: 4**
  - **Paper must be of A4 size with double columns in MS Word**
  - **Font Style- Times New Roman**
  - **Font Size- Heading: 12, Subheading: 11, Text: 10, Line Spacing: 1.0**
- **Download MS Word Template for further details- Click Here**
- **Only Registered Participants will get the Certificate**

Conference Registration

Participants are required to pay the registration fee using following link or QR code, then use the transaction details while filling the Registration form.

Payment QR code:

Registration Fee:

For Corporate/Faculty	Rs. 700 /-
For Scholar/Student	Rs. 500 /-

Payment Link: https://www.onlinesbi.sbi/sbicollect/icollecthome.htm?corpID=2265965

*Note : Use NCFCTSD-24 Conference option from drop down list during Payment

Use the following link for Registration purpose in NCFCTSD-24 Conference:

https://forms.gle/DFKRjXLaW5CB8XAV9

*Note : Only Registered Participants will get the Certificate

Important Dates

- **Last Date of Paper Submission: March 17, 2024 (Upto 5 PM)**
- **Last Date of Paper Acceptance Notification: March 18, 2024 (Upto 5 PM)**
- **Conference Date: March 21, 2024 Time :- 9:00 AM onwards**

Contact Details

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