International Conference on Next Generation Digital Technologies (ICNGDT24)

in Collaboration with

Eternal University
and
Central University of Punjab

📅 **3-5 January, 2024**
(Hybrid Mode)

📍 **Department of Computer Science and Engineering, Akal University, Talwandi Sabo**

Akal University

Established under the Punjab Government Act No. 25 (2015) and approved under the Section 2(f) of UGC Act (1956) to confer degrees. . Unlike most of the educational entities having commercialized the higher education by operating like business ventures, the Akal University has mandated to uphold the three basic principles of higher education namely; Teaching, Learning and Research. Consequently, the University has started with Undergraduate & Postgraduate Honours courses and Ph.D programmes in basic sciences and languages namely Mathematics, Physics, Chemistry, Botany, Zoology, Psychology, Economics, Commerce, English and Punjabi. The University also offers BCA, B.Tech. (CSE), MBA, and four year Integrated B.Sc.-B.Ed./B.A.-B.Ed program.

About Department

The department has been established to produce globally competent graduates having creative skills and ethical values keeping pace with ever-changing technological advancements in Computer Science and Engineering. The Department of Computer Science and Engineering offers 3-year BCA and 4-year B.Tech. programme in Computer Science & Engineering with specialization in Data Science and AI/ML. The Department provides exposure to emerging technologies as well as futuristic technologies like High Performance Computing, Machine Learning, Data Analytics, Information and Cyber Security and Software Development. To provide full hands-on exposure to most recent and advanced software, the department laboratories are fully equipped with high speed computing facilities.

CHIEF PATRON
H.E. Baba (Dr.) Davinder Singh Ji
Chancellor, Akal University

PATRON
Prof. Gurmail Singh Ji,
Vice-Chancellor, Akal University

CONVENER
Dr. Navroop Kaur

ORGANIZING SECRETARIES
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Dr. Pravin Kumar (Astt. Prof., CSE)
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Ms. Aanchal Sharma (Astt. Prof., CSE)
Mr. Zubair Fayaz (Astt. Prof., CSE)
Mr. Arshad Ahmed (Astt. Prof., CSE)

About Conference

The International Conference on Next Generation Digital Technologies (ICNGDT) is a premier event that brings together researchers, practitioners, and experts from around the world. It covers a wide range of topics, including artificial intelligence (AI), machine learning (ML), internet of things (IoT), cyber-physical systems (CPS), digital transformation and industry 4.0, human-computer interaction & user experience, and emerging technologies and future trends. This year's conference will feature a special focus on intelligent manufacturing using recent technologies such as blockchain, metaverse and AI/ML.

How to Register:

All the participant has to register for the conference through the following link:

https://bit.ly/ICNGDT2024

Bank Details:
Bank Name: SBI
Branch Name: Talwandi Sabo
IFSC Code: SBIN0050058
Account No. 36112706739

QR Code for online payment:

Registration Fees*

Students UG/PG: Rs. 1000

Faculty: Rs 2500

Industry Persons: Rs 3000

Ph.D. Research Scholars: Rs. 2000

Attendees: Rs 800 (Online), Rs 1500 (Offline)

Foreign Participants: USD 50

*Accommodation fee extra

Topics (but not limited to)

- Intelligent Manufacturing in Industry 4.0
- Artificial Intelligence and Its Role in Industry 4.0
- Amalgamation of AI and Other Smart Technologies in Industry 4.0 Applications
- IoT and Big Data Analytics in Intelligent Manufacturing Processes
- Role of Blockchain in Industry 4.0 Applications
- Blockchain in Supply-chain Management Industry
- Applications of Intelligent IIoT in Manufacturing
- Role of Smart Intelligent Technologies on Sustainable Manufacturing
- Robotics and Automation in Manufacturing Processes
- AI-driven Resource Optimization in Industry 4.0
- Applications of Cloud Computing and Fog Computing in Smart Industrial Processes
- Metaverse and Smart manufacturing
- Major Challenges and Future Research Directions in Intelligent Manufacturing
- Case Studies: Computational Technologies in Manufacturing and Other Industrial Processes

Instructions for Registration

All the participants should register using google form, otherwise their manuscript will not be considered.

CALL FOR PAPERS

- **Full-length manuscripts:** All papers presented at the conference will be published in conference proceedings. Selected papers will either be fast-tracked to the **Scopus Indexed** Journal of Information Systems Security (JISSec.org) or included in a **Scopus-indexed** edited book published by Taylor Francis.
- **Abstracts/ Short notes:** Accepted abstracts/ short notes will be featured in the conference souvenir.

Scopus **Taylor & Francis**
Taylor & Francis Group

Important Dates

Full paper/ Abstract Submission Deadline
30th November, 2023

Acceptance Notification
15th December, 2023

Camera Ready Submission
20th December, 2023

Registration Deadline
20th December, 2023

Paper Submission link:

https://cmt3.research.microsoft.com/ICNGDT2024

For more details:

Email: icngdt@auts.ac.in
Website:
https://auts.ac.in/conferences/icngdt24/International-conference-on-next-generation-digital-technologies-2024