

1st IEEE International Conference on AI, Data Science, Cyber Security
and Smart Manufacturing for Sustainable Development

ICADCS-2025

IEEE 1st International Conference on AI, Data Science, Cyber Security
and Smart Manufacturing for Sustainable Development13-14 December 2025 | Gwalior | India
(Hybrid Conference)**Theme: Innovative technologies for
resilient and sustainable future**

1st International Conference on AI, Data Science, Cyber Security and Smart Manufacturing for Sustainable Development (ICADCS- 2025) aims to provide a premier platform for researchers, professionals, and industry experts from worldwide to present and discuss the latest advancements in AI, Data Science, Cyber Security and Smart Manufacturing with a focus on sustainable social development. This event emphasizes the integration of emerging technologies to solve pressing societal issues like Healthcare and Telemedicine, Environmental Sustainability, Food Security, Cybersecurity, Social and Policy Impacts & many others.

Key focus areas include **Artificial Intelligence, Machine Learning, Sustainable Energy, Data Science, Smart Infrastructure, Robotics, Cyber security** and among others. These technologies are poised to drive innovations in health, energy, transportation, agriculture, and beyond, directly impacting social, economic, and environmental sustainability. The conference seeks to explore how these fields can contribute to creating smart cities, advancing digital transformation, and improving quality of life.

The conference will be held in a hybrid format, allowing greater accessibility for participants across the world, promoting inclusivity and global networking opportunities. It is designed to encourage collaboration and knowledge sharing that will lead to sustainable development, with a particular emphasis on the role of technology in shaping future societies.

Prospective authors are invited to submit their papers in the following tracks. The scope of the conference includes but not limited to the following broad areas :

Track 1 : Artificial Intelligence, Machine Learning, Blockchain, and Cyber security for Secure Social Systems

- AI in Healthcare and Telemedicine
- Machine Learning for Smart Cities
- AI Applications in Agriculture and Food Security
- Ethical AI and Responsible Use
- AI for Disaster Management and Mitigation
- Blockchain in Financial Services and FinTech
- Cybersecurity for Critical Infrastructure Blockchain for Supply Chain Management
- Digital Identity and Secure Authentication
- Blockchain Applications in Governance and Public Services

CALL FOR PAPERS

Track 2 : Integrated Technologies in Energy, Infrastructure, Robotics, and Smart Mobility

- Renewable Energy Technologies
- Energy Storage and Management Systems
- Smart Grid and Microgrid Innovations
- Energy-Efficient Devices and Systems
- IoT in Smart Transportation Systems
- Smart Home and Building Automation
- Robotics in Manufacturing and Industry 4.0
- Medical Robotics and Surgical Automation
- Electric and Autonomous Vehicles
- Intelligent Traffic Management Systems

Track 3 : Data Science and Digital Transformation for Societal Good

- Data-Driven Decision Making in Public Policy
- Big Data in Healthcare and Genomics
- Predictive Analytics for Environmental Sustainability
- Data Privacy and Ethics in Big Data
- Digital Transformation in Education and E-Learning
- IT Solutions for Efficient Healthcare Management
- Cloud Computing and Virtualization in Business

Track 4: Emerging Technologies and Ethical Implications in Agriculture, Food Security, and Policy

- Precision Agriculture and Smart Farming
- Agri-Tech for Water and Resource Management
- Post-Harvest Management and Food Supply Chain
- ICT Solutions for Farmer Empowerment
- Technology Policy and Regulation for Sustainable Development
- Ethical Considerations in Emerging Technologies
- The Role of Technology in Achieving the UN Sustainable Development Goals (SDGs)

Track 5: Social, Policy, and Ethical Impacts of Emerging Technologies

- Gender and Diversity in Tech Innovation
- Social Entrepreneurship and Innovation Ecosystems
- Ethical and Social Implications of Robotics
- Mobility-as-a-Service (MaaS) Platforms
- Sustainable Urban Mobility Planning

Conference Committees

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Paper Submission

The conference will feature Keynote and Invited Talks (invited presentations by distinguished experts) and Contributory Talks (delivered by authors of selected papers) on relevant conference topics. Authors are encouraged to submit full papers in Word/Pdf format between 5 to 6 pages in double-column, including all figures, tables, and references in IEEE template. Each submission should clearly highlight the research area, key findings, and contributions. Only original papers that have not been published or submitted for publication elsewhere will be considered. Papers must be uploaded online through the Microsoft CMT submission platform, with the submission link available on the conference website. Accepted papers will be submitted for inclusion in IEEE Xplore, subject to meeting IEEE Xplore's scope and quality requirements. Please refer to the ICADCS- 2025 website for the latest updates.

Paper Submission Link

Submit your paper on Microsoft CMT at :

<https://cmt3.research.microsoft.com/ICADCS2025>

Call for Sponsorships

Detailed sponsorship opportunities are available on the conference website. For enquiries related to sponsorship and exhibition, please e-mail at icadcs@vikrantuniversity.ac.in

Important Dates

Paper Submission Open : 10 April 2025

Paper Submission Deadline : 05 August 2025

Notification : 02 September 2025

Last Date of Registration : 15 October 2025

Details of Registration Fee

Registration Type	Indian Author (INR.)		For International Author (USD)	
	Regular Registration		Regular Registration	
	Fee for Non-IEEE Members	Fee for IEEE Members	Fee for Non-IEEE Members	Fee for IEEE Members
Students	5500+18%GST	5000+18%GST	200\$+Taxes	190\$+Taxes
Academicians	7500+18%GST	7000+18%GST	240\$+Taxes	220\$+Taxes
Industry	9500+18%GST	9000+18%GST	290\$+Taxes	270\$+Taxes
Attendees	1000+18%GST	700+18%GST	60\$+Taxes	50\$+Taxes

*An additional amount of 20% will be added after the registration closing date. More details about the fees are given on webpage.

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