

# ICADCS-2025

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

13-14 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 around the globe to present and discuss the latest advancements in technology and management with a focus on sustainable social development. This event emphasizes the integration of emerging technologies to solve pressing societal issues.

Key focus areas include **Artificial Intelligence, Machine Learning, Sustainable Energy, Data Science, Smart Infrastructure, Robotics, and Cybersecurity**, 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 is 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 Cybersecurity 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 InfrastructureBlockchain 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 Talks (invited presentations by distinguished experts) and Contributory Talks (delivered by authors of selected papers) on relevant conference topics. Authors are invited to submit full papers in PDF format using the IEEE template, with a maximum length of six pages (A4, double-column format). Additional pages (up to two) may be included with an extra fee per page. Each submission should clearly highlight the research area, key findings, and contributions. 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/User/Login?ReturnUrl=%2FICADCS2025>

#### Call for Exhibition/ Sponsorships

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

#### Details of Registration charges

Registration Type	Indian Author (INR.)		For International Author (USD)	
	Regular Registration (in INR inclusive of taxes)		Regular Registration (in Dollars inclusive of taxes)	
	Fee for Non-IEEE Members	Fee for IEEE Members	Fee for Non-IEEE Members	Fee for IEEE Members
Students	6500	6000	240\$	220\$
Academicians	8500	8000	280\$	260\$
Industry	11000	10500	340\$	320\$
Attendees	1000	500	70\$	60\$

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

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