

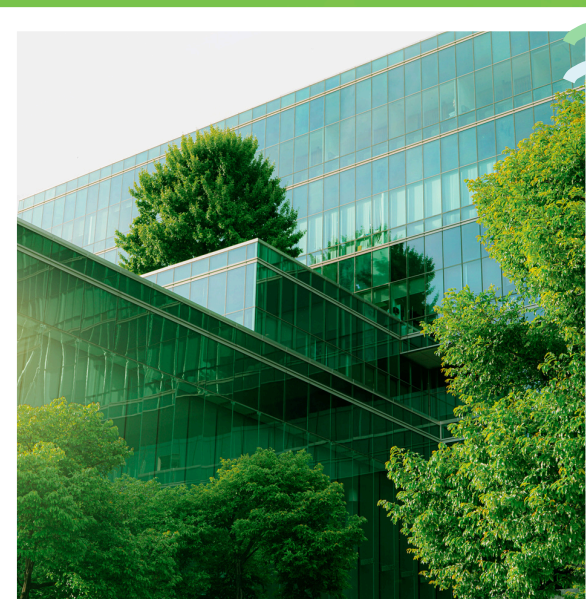
International Conference

Innovating for Environmental Stewardship

nanoschool.in/ai

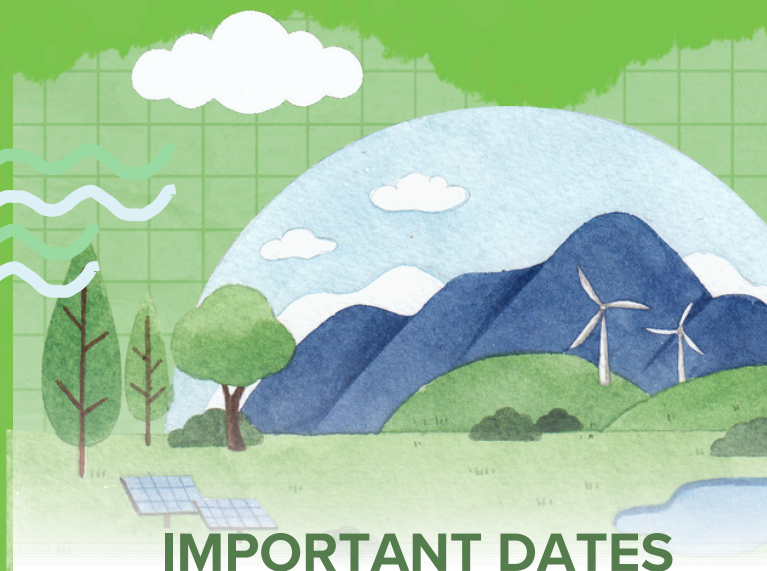
Sustainable AI 2025

AI for a Greener Planet



Overview

The Sustainable AI 2025 International Conference brings together experts, researchers, industry professionals, and policymakers from around the globe to explore the integration of artificial intelligence (AI) in fostering sustainable development. The conference will address how AI technologies can be applied to solve critical environmental challenges, promote ethical practices, and support sustainable growth across various sectors.



IMPORTANT DATES AND TIMELINE

- **Submission of Abstracts by:** January 20, 2025
- **Acceptance of Abstracts by:** January 25, 2025
- **Submission of Full-Length Papers by:** January 30, 2025
- **Acceptance of Full-Length Papers by:** February 5, 2025
- **Acceptance of Papers for Presentation:** February 8, 2025
- **Submission of Presentations:** February 12, 2025
- **Camera-Ready Papers for Publication:** February 15, 2025
- **Conference Date:** February 21st to 23rd, 2025

GO
GREEN

Selected articles will be published in Web of Science/Scopus indexed journals

सस्टेनेबल AI 2025: AI हरियाली ग्रह के लिए अंतर्राष्ट्रीय सम्मेलन

THEMES OF THE CONFERENCE

1. Climate Modeling and Prediction



- Machine Learning in Climate Science
- Predicting Extreme Weather Events with AI
- Generative AI Models in Biodiversity and Ecosystem Restoration

2. Renewable Energy and Sustainable Energy Systems



- AI in Managing Renewable Energy Grids
- Predictive Maintenance for Sustainable Energy Systems

3. Pollution Reduction, Waste Management, and Smart City Solutions



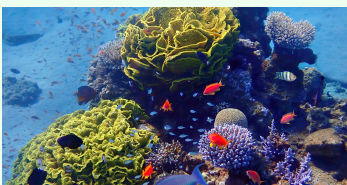
- AI in Urban Planning and Development
- AI-Driven Waste Sorting and Recycling Optimization
- Traffic Management and Pollution Control with AI in Smart Cities
- AI-Enhanced Air and Water Quality Monitoring

4. Environmental Policy, Education, and Healthcare



- Raising Awareness through AI-Driven Education Platforms
- AI for Healthcare
- The Smart Heart: Harnessing AI and Nano-Technology for Next-Gen Cardiac Care

5. Conservation, Biodiversity, and Ecosystem Health



- Big Data in Ecology and Conservation
- Protecting Ecosystems with AI Surveillance
- Generative AI Models in Biodiversity and Ecosystem Restoration
- The Future of AI in Sustainable Development

6. Agricultural Sustainability and AI-Driven Precision Farming



- Precision Farming with Machine Learning and IoT
- AI-Driven Solutions for Sustainable Agriculture: Precision Farming for a Greener Future
- AI in Crop Health Monitoring and Pest Management

JOURNALS ASSOCIATED

Web of Science Journals (STM)

- Journal of Polymer and Composites

Scopus Journals

(more journals can be added to the list)

- Indian Journal of Environmental Protection
- Journal of Electrical Systems

Peer Reviewed Journals (STM)

- Journal of Artificial Intelligence Research & Advances (web of science applied)
- Journal of Communication Engineering & Systems
- Journal of Computer Technology & Applications (web of science applied)
- Journal of Advancements in Robotics
- Journal of Energy, Environment & Carbon Credits
- International Journal of Sustainability
- International Journal of Environmental Chemistry
- National Journal of Environmental law
- International Journal of Environmental Planning and Development Architecture
- International Journal of Environmental Noise and Pollution Control
- Journal of Water Pollution & Purification Research
- International Journal of Pollution: Prevention & Control
- International Journal of Green Chemistry
- International Journal of Climate Conditions
- Journal of Water Resource Engineering and Management
- International Journal of Water Resources Engineering
- Research & Reviews : Journal of Agricultural Science and Technology
- Journal of Alternate Energy Sources & Technologies

MANUSCRIPT SUBMISSION GUIDELINES

Please submit the MS Word file of the abstract in the following format:

1. Name of Author(s) and their Affiliations with complete postal address of affiliated organization(s) of all authors (e.g., Affiliation, Name of Department/School/Faculty/Research Group, Name of Affiliated Organization or Name of University/Institution/College, City, State/Province, Country)
2. Name of Corresponding Author with contact details (email: address, full postal address and telephone number)
3. All Necessary files should be considered as Figures; all Figures and Tables should be numbered in Arabic numerals in sequential order, all Figures and Tables should have captions, and must be cited or must have in-text citations):
 - **Manuscript** (.doc, .docx, .r files; 2000–7000 word count). Abstract (between 300 and 400 word count)
 - **Keywords** (at least 5 to 10 keywords)
 - **Figures and Tables with their Captions** (all illustrations, flowcharts, graphs, etc.)
4. References should be arranged according to the Vancouver Style of Referencing

PARTICIPANTS

The conference welcomes a diverse group of participants, including students, academicians, researchers, scholars, and faculty members, fostering an inclusive environment for knowledge exchange and collaboration.

CONFERENCE SCHEDULE

DAY 1 - FRIDAY, 21ST FEBRUARY

Time	Topic	Speaker
10:00 AM - 10:20 AM	Opening Remarks & Keynote on "The Role of AI in Environmental Sustainability"	Dr. S.V.A.R. Sastry
10:20 AM - 10:40 AM	Leveraging Generative AI for Sustainable Solutions	Shivani Pahuja
10:40 AM - 11:00 AM	Climate Change and AI's Role in Mitigation	Dr. S. Ravichandran
11:00 AM - 11:30 AM	Machine Learning in Climate Science	Dr. Galiveeti Poornima
11:30 AM - 12:00 PM	Predicting Extreme Weather Events with AI	Mr. Mahesh N B
12:00 PM - 12:30 PM	AI in Climate Change Mitigation	Dr. Lovleen Gaur
12:30 PM - 1:00 PM	Lunch Break	
1:00 PM - 1:30 PM	Predictive Maintenance for Sustainable Energy Systems	Mr. Karar Haider
1:30 PM - 2:00 PM	Poster Presentations & Interactive Discussions	
2:00 PM - 2:30 PM	Query Session	

DAY 2 - SATURDAY, 22ND FEBRUARY

Time	Topic	Speaker
9:30 AM - 9:50 AM	Opening Remarks & Role of Artificial Intelligence in Agriculture for its Sustainability	Dr Maneesha Singh
9:50 AM - 10:10 AM	Precision Farming for a Greener Future	Ms. Usha Eshwaran
10:10 AM - 10:30 AM	Precision Farming with AI and IoT	Dr. G Reshma
10:30 AM - 10:50 AM	Precision Farming with Machine Learning and IoT	Dr. Archana Dwivedi
10:50 AM - 11:10 AM	Decision Support System (DSS) for Monitoring Coastal Ecosystem of India	Prof. S K Acharya
11:10 AM - 11:30 AM	Artificial intelligence, Machine Learning and internet of things Coastal Ecosystem of India	Dr. M. Fatima
11:30 AM - 12:00 PM	Big Data in Ecology and Conservation	Mr. Raj Kumar
12:00 PM - 12:30 PM	Protecting Ecosystems with AI Surveillance	Mrs. Gurpreet Kaur
12:30 PM - 1:00 PM	Lunch Break	
1:00 PM - 1:30 PM	Generative AI Models in Biodiversity and Ecosystem Restoration	Ms. Shivani Pahuja
1:30 PM - 2:00 PM	Poster Presentations & Interactive Discussions	
2:00 PM - 2:30 PM	Query Session	

DAY 3 - SUNDAY, 23RD FEBRUARY

Time	Topic	Speaker
9:30 AM - 10:00 AM	Sustainable Smart City Development	Dr. Deepti Pande Rana
10:00 AM - 10:30 AM	AI in Urban Planning and Development	Prof. Kalyani A
10:30 AM - 11:00 AM	AI-Driven Waste Sorting and Recycling Optimization	Dr. S. Rajalakshmi
11:00 AM - 11:30 AM	Traffic Management and Pollution Control with AI in Smart Cities	Prof. Poonam Chakravarty
11:30 AM - 12:00 PM	AI-Enhanced Air and Water Quality Monitoring	Dr. Dimple Thakar
12:00 PM - 12:30 PM	AI for Healthcare	Dr. Chitra Dhawale
12:30 PM - 1:00 PM	The Smart Heart: Harnessing AI and Nanotechnology for Next-Gen Cardiac Care	Dr. Bani Gandhi
1:00 PM - 1:30 PM	Lunch Break	
1:30 PM - 2:00 PM	Raising Awareness through AI-Driven Education Platforms	Dr. Preeti Singh
2:00 PM - 2:30 PM	Panel Discussion & Query Session	
2:30 PM - 3:00 PM	Final Networking Session & Farewell	

PUBLICATION

All accepted papers will be published in journals associated with the Sustainable AI 2025 Conference.

Journal	Publication Fee
Peer-reviewed journals (subscription-based)	Included in the conference fee
Peer-reviewed journals (Gold Open Access)	INR 5000 / USD 100
Web of Science and Scopus indexed Journals	In accordance with the journal's norms and pricing

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SPEAKER PROFILE

We are thrilled to feature a distinguished group of educators and academics who will share their expertise at the event. The speaker list is still growing, and more names will be added in the coming weeks.



Prof. (Dr.) Sankar Kr Acharya
Associate Professor, School of Architecture and Planning, Amity University, Lucknow



Dr. Deepti Pande Rana
Associate Professor, School of Architecture and Planning, Amity University, Lucknow



Dr. Ushaa Eswaran
Principal and Professor, Mahalakshmi Tech Campus, Chennai, Tamil Nadu, India



Dr. Maneesha Singh
Professor and Head Sri Guru Ram Rai University, Dehradun



DR. S.V.A.R. SASTRY
Associate Dean, Deputy Controller Of Examinations And University Counsellor At The Harcourt Butler Technical University



Poonam Chakravarty
Assistant Professor and Head of the CSE/IT Department at Rai University, Gujarat,



Dr. Chitra Dhawale
Professor, Science and Technology Department, Datta Meghe Institute of Education and Research



Dr. N.B. Mahesh Kumar
Associate Professor, Department of Computer Science and Engineering, Hindustan Institute of Technology, Coimbatore



Prof. Kalyani Alisetty
Assistant Professor, Department of MCA, SIBAR, Pune (Affiliated with SPPU)



Ms. Shivani Pahuja
Assistant Professor, Computer
Science and Engineering
Department, Faculty of Engineering
and Technology, MRIIRS



Dr. Manfredo Manfredini
Associate Professor, School of
Architecture and Planning,
University of Auckland, New
Zealand.



MR. JIGAR D. PANDYA
Assistant Professor & Head,
Department Of CSA, Rai
University, Ahmedabad



Dr. Galiveeti Poornima
Associate Professor,
Presidency University



Dr. Vikas S. Chomal
Center Head, Expert
Computer Education



Mrs. Gurpreet Kaur
Assistant Professor, UIC
Department, Chandigarh University



Dr. Raj Kumar
Assistant Professor, Department of
Computer and Information
Science, Dr. B.R. Ambedkar
University, Agra



Dr. Bani Gandhi
Project Manager and
Technical Content Writer,
ConnexCS



Dr. Malvika Gupta
Ph.D. Candidate, Cyber Law,
Shoolini University, Solan



Dr. S. Ravichandran

Professor and Head in Chemistry,
DRK Institute of Science and
Technology, Hyderabad



DR. LOVLEEN GAUR

Professor,
Amity University



DR. PREETI SINGH

Assistant Professor Department of
CSE BBD Educational Group,
Lucknow



Dr. G. Reshma

Assistant Professor, Department of
Information Technology, PVPSIT



Ms. Archana Dwivedi

Assistant Professor Department of CSE
BBDITM, Lucknow



Dr. Dimple Thakar

Assitant Professor, Marwadi
University



**Mr. Syed Krar Haider
Bukhari**

Lecturer, Department of Computer
Science, Superior University,
Lahore



DR. M. FATIMA

Professor At Sagar Institute Of
Research And Technology

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Naidu Karri**
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University



Dr. Sharada Patil
Associate Professor at SIBAR



DR.S.NICKOLAS
Professor Department Of Computer
Applications National Institute Of
Technology

REGISTRATION FEE

Category	Fee
Students	INR 1,500 / USD 25
Postdocs & Ph.D. Scholars	INR 2,000 / USD 40
Faculty Members	INR 3,000 / USD 75
Industry Professionals	INR 5,000 / USD 100

CONTACT DETAILS

PHONE : +91-7827713832

email : STMconferences@celnet.in

REGISTRATION LINK



Website URL - <https://nanoschool.in/sustainable-ai-2025-international-conference/>

Registration link - <https://manuscript-engine.journalslibrary.com/conferences/entry/21714/>