NATIONAL CONFERENCE ON INNOVATIVE AI SOLUTIONS FOR SUSTAINABLE CITIES

Dates: 3rd – 4th February 2025
Venues:

- Indian Institute of Technology (IIT) Kanpur, UP, India
- Chhatrapati Shahu Ji Maharaj University (CSJMU) Kanpur, UP, India

Jointly organized by
Kotak School of Sustainability IIT Kanpur,
Association of Indian Universities (AIU) &
Chhatrapati Shahu Ji Maharaj University, Kanpur

www.aisustainablecities.com

ABOUT CONFERENCE

National Conference on Innovative AI Solutions for Sustainable Cities aims to bring together thought leaders, researchers, entrepreneurs and practitioners from academia, government and industry to explore the transformative potential of AI in addressing urban challenges. This two-day program provides a platform for exchanging knowledge, showcasing innovations and fostering collaborations to develop sustainable, livable and resilient cities of the future.

ORGANIZING INSTITUTIONS

ASSOCIATION OF INDIAN UNIVERSITIES (AIU)

AIU is a national body representing universities across India. It fosters collaboration, advocates for policy changes and promotes academic excellence. The organization works to enhance the global standing of Indian universities through partnerships, research and knowledge exchange.

KOTAK SCHOOL OF SUSTAINABILITY IIT KANPUR

Kotak School of Sustainability at IIT Kanpur addresses global environmental challenges through interdisciplinary research and innovative solutions. It focuses on sustainable development, climate change, renewable energy and urban sustainability, aiming to shape future leaders in sustainability.

CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY (CSJMU)

CSJMU is a prominent university in Kanpur offering diverse programs in science, arts, commerce, engineering and social sciences. It focuses on academic excellence, research innovation and holistic student development, contributing to the region's educational growth.

OBJECTIVES OF THE CONFERENCE

The **National Conference on Innovative AI solutions for Sustainable Cities** aims to bring together thought leaders, researchers, and entrepreneurs from academia, government and industry to explore the transformative potential of AI in addressing urban challenges.

This two-day event provides a platform for exchanging knowledge, showcasing innovations and fostering collaborations to develop sustainable, livable and resilient cities of the future.

KEY THEMES

Water Management
Smart solutions for sustainable water resource management

Energy Demand Forecasting
AI-powered energy consumption prediction and optimization

Air Quality Management
Monitoring and improving urban air quality

Urban Mobility Solutions
Intelligent transportation and traffic management

City Governance
Digital solutions for efficient city administration

Flood Forecasting & Management
Predictive analytics for flood prevention

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KEYNOTE SPEAKERS

Dr. Anil Sahasrabudhe
Chairman
National Board of Accreditation (NBA)

Prof. T.G. Sitharaman
Chairman
All India Council of
Technical Education (AICTE), GOI

Prof. K.K. Pant
Director
Indian Institute of Technology (IIT) Roorkee

Ms. Anna Roy
Programme Director
NITI Aayog, GOI

Mr. Carey Glickman
Founder
Greenman Black

Mr. Chetan Savla
Head, Sustainability and strategic projects
Kotak Mahindra Bank

Dr. Anshu Bharadwaj
Programme Director,
Green Transition & climate
NITI Aayog, GOI

LEADERSHIP

Prof. Manindra Agrawal
Director, IIT Kanpur

Prof. Vinay Kumar Pathak
Vice-Chancellor, CSJMU & President, AIU

CONFERENCE CHAIR

Prof. Sachchida Nand Tripathi
Dean, Kotak School of Sustainability,
Project Director, AI CoE- Sustainable Cities, IIT Kanpur

WHO SHOULD ATTEND

- Vice-Chancellor, Dean, Directors, Faculty members from HEIs
- Entrepreneurs & Industry leaders in sustainability and AI
- Government Officials & Urban Planners
- ESG & sustainability professionals

PROPOSAL SUBMISSION

Proposals with high commercial potential will be eligible for further support from the AI CoE in Sustainable Cities, in collaboration with the Kotak School of Sustainability IIT Kanpur, Association of Indian Universities (AIU) & Chhatrapati Shahu Ji Maharaj University, Kanpur. Startups with significant impact potential may receive funding opportunities, access to research & development resources to refine and implement their solutions and connections with scaling agencies in the Central and State government.

BENEFITS OF ATTENDING CONFERENCE

The conference offers an excellent opportunity to gain insights from thought leaders, policymakers and industry experts, network with 60+ HEI leaders, 20+ startups and Smart City CEOs and explore innovative solutions for fostering resilient, livable and sustainable urban environments.

AGENDA

The conference is designed to showcase the transformative potential of AI in building sustainable and resilient urban ecosystems. It will feature expert speakers from academia, industry, entrepreneurship and government, providing in-depth insights into technological advancements and their policy implications.

KEYNOTE SESSIONS

Featuring thought leaders from industry, academia and startups, these sessions will highlight cutting-edge innovations, success stories and the future of AI-driven solutions for urban development.

WORKSHOPS AND PANEL DISCUSSIONS

Interactive sessions focused on actionable strategies for integrating sustainability frameworks into HEIs and urban ecosystems. Discussions on technology-driven urban governance and AI, emphasizing the role of AI in improving city management and decision-making processes.

EXHIBITION

A showcase of selected startups working on solutions aligned with the conference's thematic areas. The focus will be on practical applications, scalability and real-world implementation of AI-driven innovations to address urban challenges.

ADVISORY COMMITTEE

Dr. Pankaj Mittal
Secretary General, Association of Indian Universities

Prof. V. N. Rajasekharan Pillai
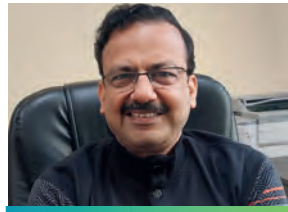Vice President, Association of Indian Universities

Prof. Sudhir K Awasthi
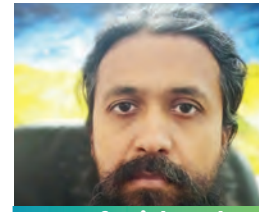Pro Vice Chancellor, CSJMU

Dr. Anil Kumar Yadav
Registrar, CSJMU

Prof. Manoj Kumar Tiwari
Associate Professor, IITK

Dr. Rajeev Jindal
Professor of Practice, IITK

Prof. Nisheeth Srivastava
Associate Professor, IITK

Prof. Varsha Gupta
CSJM University

Prof. Sudhanshu Pandiya
CSJM University

Dr. Shilpa Kaistha
CSJM University

Dr. Praveen Bhai Patel
CSJM University

Dr. Vivek Singh Sachan
CSJM University

Dr. Mohit Kumar
CSJM University

Dr. Himanshu Trivedi
CSJM University

Dr. Prashant Trivedi
CSJM University

Dr. Raj Kumar Singh
CSJM University

Mr. Divyansh Shukla
CSJM University

Dr. Shashi Kant Tripathi
CSJM University

Mr. Shivansu Sachan
CSJM University

ORGANIZING COMMITTEE

Dr. Harshit Mishra
Convener

Mr. Shivam Dixit
Co-Convener- AIU

Dr. Sujan Bimal
Co-Convener- KSS IITK

Dr. Praveen Bhai Patel
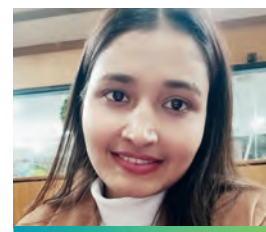Co-Convener - CSJMU

Mr. Bhuwan Bhatia
Co-convener

Dr. Utsav Mishra
Lead Data Management

Ms. Neha Shukla
Lead Social Media

Ms. Katyayani Mishra
Lead Outreach

Ms. Shivani Tiwari
Outreach

Dr. Trailokya Saud
Public Relations & Outreach

Mr. Vijendra Kumar
Lead Finance & Sponsorship

Sindhu B
Coordinator & Outreach

Mr. Vineet Dwivedi
Guest Relation

VOLUNTEERS

Anmol Gupta	Unnati Singh	Aryan Naresh Mishra	Anushka Kumari
Pranjul Tiwari	Muskan Pandey	Abhijeet Renwa	Divya Shukla
Shashank Shekhar	Nirandh Goel	Arjun Pratap Singh	Sakshi Singh
Rishabh Saini	Abhishek Maurya	Abhishek Gupta	Aman Singh
Raj Singh	Anshika Mishra	Aayushee Srivasatava	Abhimanyu Patel
			Anshika Malhotra

THANK YOU

CONTACT DETAILS

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IIT Kanpur

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VENUE

📍 • Indian Institute of Technology (IIT) Kanpur, Uttar Pradesh, India
• Chhatrapati Shahu Ji Maharaj University (CSJMU), Kanpur, Uttar Pradesh, India

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