

4-6 JANUARY, IIT MADRAS

FUTURE CITIES

S U M M I T

ABOUT SHAASTRA



IIT Madras has been ranked first by the National Institute Ranking Framework (NIRF) for the past five consecutive years. IIT Madras is a testament to India's commitment to technology and a beacon of brilliance in the realm of higher education for the last 65+ years. Shaastra, IIT Madras' technical festival is the largest student-run technical festival in India which features a diverse array of events, workshops, lectures, and competitions that draw participants from across the country. The festival also prides itself in being ISO 9001:2015 certified, a testament to its commitment to quality and excellence.

WHO ARE WE?



We are Summit, a team of dedicated engineering students working to feature technological advancement in various sectors. We are looking forward to creating a space for other tech professionals and students to discuss and put their innovations into the leading light. We strive to build a community for networking, learning, ideating, innovating, and just evolving.

ABOUT SUMMIT

The Summit is the flagship annual professional event of Shaastra, IIT Madras, dedicated to exploring cutting-edge advancements and challenges in technology and innovation. This three-day, closed-door conference brings together industry leaders, researchers, policymakers, and visionaries to engage in impactful discussions, workshops, and collaborative problem-solving. With a new tech-focused theme each year, the Summit serves as a premier platform for driving meaningful conversations and fostering innovation that shapes the future.

ABOUT SUMMIT

ABOUT FUTURE CITIES SUMMIT



India is a fast-growing and rapidly urbanizing country. The next iteration of Summit, the flagship conference of Shaastra, focuses on building the cities of tomorrow. The Future Cities Summit will examine the various aspects of what it takes to create and run cities that can sustainably support modern life. The conference will bring together expert policymakers, urban planners, and innovators to discuss and explore cutting-edge solutions for urban challenges.

OUR PREVIOUS SUMMITS



Gaming Tech Summit 2022

The event featured captivating lectures and fireside chats with leading game development experts, including renowned figures like Renee Gittins, Executive Director of the IGDA. Additionally, engaging workshops equipped attendees with practical skills in cutting-edge areas like virtual reality (VR) and artificial intelligence (AI).



SpaceTech Summit 2023

The summit showcased an impressive lineup of speakers, including esteemed figures like Sudheer Kumar N, Director, CBPO at ISRO HQ, and Dr. R Hutton, the project lead for the Gaganyaan mission. This event marked a first-of-its-kind achievement with its unique two-level system, effectively engaging various space startups through dedicated networking, VC, and prof networking sessions.



Ethical Tech Summit 2024

Dr. Suresh Venkatasubramanian, Former White House Tech Advisor, and Mr. Aakash Shirodkar, Senior Director of AI & Analytics at Cognizant Worldwide Ltd, joined us to share insights. Through the Ethical Tech Summit, we provided a platform to involve and educate in areas like responsible AI, cybersecurity, bio-engineering, and data privacy.

Focus Points

Technology, AI and Data Integration :
Utilizing data analytics and AI for effective
policy-making and urban management.



Legal and Ethical Frameworks for Smart Cities:
Ensuring privacy, data protection, and
equitable access to technology



Future of Urban Transportation:
Integrating electric vehicles, autonomous
vehicles, and smart mobility solutions



Cultural Preservation and Urban Development:
Balancing modernization with the preservation
of cultural heritage and identity



Resilient Infrastructure and Climate Adaptation:
Planning for climate change impacts and building
resilient urban infrastructure



Renewable Energy Integration in Urban Environments:
Strategies and technologies for integrating renewable
energy sources into urban infrastructure to promote
energy independence



ESTEEMED GUESTS

MS. D THARA, IAS (CHIEF GUEST)



D. Thara is an IAS officer and Additional Secretary in the Ministry of Housing and Urban Affairs (MoHUA) of the Government of India. Throughout her career, Ms. Thara has held several key positions, including serving as Commissioner and Deputy Commissioner in the Ahmedabad Municipal Corporation, and as Collector of Ahmedabad and Kheda districts.

MR. STEVEN MERTZLER

Mr. Steven Metzler is the Director of Water Resources, San Antonio River Authority. Steven Metzler is an experienced water resources professional with over 25 years in planning, design, and construction, specializing in the operation and maintenance of lakes and major rivers in Texas. Steven has successfully managed multi-million-dollar projects aimed at river remediation and water quality improvement, while also serving in emergency management roles.



MS. JULIA MCCARTHY



Ms. Julia McCarthy is the Deputy Director, Mitigation Division Federal Emergency Management Agency (FEMA). With nearly 20 years of experience in flood risk management, Julia McCarthy has dedicated her career to providing technical assistance and collaborating with states and communities on flood hazard identification and mitigation.

PROMINENT SPEAKERS

MR. KOK CHIN TAY



Mr. Kok Chin Tay is the Chairman of the Smart Cities Network. Kok Chin has led Smart Cities workshop for Sarawak State Government, Semarang, Jakarta and the Philippines government, with strategic MOU partnerships for inclusive and Sustainable Smart Cities globally. In his last corporate role, he was ASEAN leader for the IBM Smarter Planet and Smart Building Global Alliances and project managed the Smart Cities Challenge for Singapore 2012.

MS. SUCHISMITA GOSWAMI

Ms. Suchismita Goswami, is a PhD fellow from the Global Health Section at the Department of Public Health, University of Copenhagen. Her research is about exploring the new risks that is experienced in disaster-induced resettlement. She brings over a decade of experience in research and consultancy, working across diverse sectors such as urban development, public health and environmental sustainability.



DR. CHINMAY HEGDE



Dr. Chinmay Hedge is the CEO and Co-Founder of Astrikos AI, an organization that delivers Actionable (Smart) IoT-driven Real-time Insights for Smart Cities. Chinmay has about 19 years of experience in field of Information, Communication and Operation technology field where he worked for global organization like Apple, McAfee, Symantec, Cisco and Actiance on building enterprise class products which are used globally.

PROMINENT SPEAKERS

MR. IAN CHEW



Mr. Ian Chew is the sole Founder of Greenie Web – an award-winning Singapore ClimateTech startup that creates low-carbon computer code. A pioneer in the decarbonization of the digital world, he is the first in Asia to have carried out such work. For his contributions to the field of climate change, Ian received the Forbes 30 under 30 (Asia) honour for Social Impact, recognition as a Thought Leader by American luxury magazine Robb Report and the Global Digital Sustainability Leadership Award at Wiki Finance Expo Singapore.

MS. ASWATHY DILIP

Ms. Aswathy Dilip is the South Asia Director of Institute for Transportation and Development Policy (ITDP). She has worked with national, state, and city governments in India to provide policy and technical assistance on sustainable, equitable, and inclusive urban mobility. Aswathy is also working with governments of Tamil Nadu and Maharashtra to transform 1000s of km of congested roads into vibrant streets for people; help the cities implement bold parking reforms; and build support for high-quality, sustainable mass transit.



MR. SHRAVAN BENDAPUDI



Mr. Shraavan Bendapudi is and the Co-Managing Director of Gensler's Mumbai office. He provides business leadership and oversees the firm's workplace projects in India. As a Principal he focuses on real estate and design strategy, change management as well as workplace transformation. His keen understanding of how organizations work and how good design can positively impact such organizations, make him a trusted advisor to clients.

PROMINENT SPEAKERS

MR. ADITYA GOEL



Mr. Aditya Goel is an Associate and a Senior Strategist at Gensler. He has gained an extensive experience in not only leading but building design teams from scratch in an outcome driven environment, which understand and respond to the changing trends, aesthetics and market. He believes that only a collaborative working environment, where strategic goals are democratically decided upon, can be the most productive, and that is what he strives to achieve in his working style.

DR. PRASHANT ANAND

Dr. Prashant Anand is an Assistant Professor at IIT Kharagpur. His research interests focus on building science, particularly in the areas of energy and buildings, indoor air quality, thermal comfort, building-to-urban data and energy modeling, and the integration of Building Information Modeling (BIM) with Building Energy Modeling (BEM) to develop digital twin solutions.



DR. ASHISH VERMA



Dr. Ashish Verma is a Professor at IISc Bengaluru in the Department of Civil Engineering. The problem solving in demand centric approaches of transportation engineering is heavily derived from modelling, optimization, and data sciences (probability, statistics etc.), which is the main focus of Prof. Ashish Verma's Transportation Engineering research lab at IISc, with a clear emphasis on sustainability issues in Transportation.

PROMINENT SPEAKERS

MS. SURJYATAPA RAY



Ms. Surjyatapa is a Researcher and Urban Design Practitioner who incorporates systems thinking, sustainable design and construction, and socially inclusive architecture into her work. She is currently associated with Jana Urban Space Foundation, Bengaluru, where her responsibilities include drafting policy and knowledge products, advocacy, government engagement, and conducting research. She is a recipient of the Norman Foster Foundation 2019 On Cities Fellowship.

MR. SAMPATH KUMAR KABOTHU

Mr. Sampath Kumar Kabothu is a Senior Counsellor at CII-IGBC, India's Premier Certification Body For Greening of Projects. He works in the realm of Net Zero in alignment with the 'IGBC Mission on Net Zero' with a vision 'to facilitate India become one of the foremost countries in transforming to Net Zero by 2050' - a journey to achieve Net Zero buildings and built environments by 2050 in all aspects - Energy, Water, Waste and Carbon.



DR. SATYANARAYANAN CHAKRAVARTHY



Dr. Satya Chakravarthy is a Professor of Aerospace Engineering at the Indian Institute of Technology Madras (IITM), Chennai, India. Satya Chakravarthy is interested in propulsion and combustion, and researches on different aspects of combustion in gas turbine, rocket engines, and electric aircraft. He heads the National Centre for Combustion Research & Development (NCCRD) at IIT Madras, the largest of its kind in the world, with a US\$30 million funding over the last 10 years. Recently, he has also been heading the DRDO Centre of Propulsion Technology at IIT Madras.

WHAT'S IN IT FOR YOU?

WORKSHOPS

Get a chance to participate in hands-on interactive workshops by industry leaders such as L & T Technology Services and Gensler specially curated for the Future Cities Summit audience



LECTURES AND FIRESIDE CHATS



Experience an inspiring lineup of fireside chats, panel discussions, and lectures featuring a diverse array of national and international speakers. Explore a wide range of cutting-edge topics, from Urban Planning and Transport to Artificial Intelligence and Sustainability, all brought together under one roof at this premier Summit.

THE FUTURE CITIES SUMMIT EXPO

Witness the Future Cities Expo in all its glory- featuring companies, demonstrations and products from around India, spanning multiple domains including healthcare, energy, transport, mobility and smart living. Also featured are several of IIT Madras Research Park's marquee products and solutions.



WHAT'S IN IT FOR YOU?



Get inside access to some of IIT Madras' labs on Sustainability, Climate Tech and Artificial Intelligence, including guided tours and personalized interactions with the lab members.

LAB TOURS

NETWORKING LUNCH

Network with several other delegates over a premium networking lunch, and get to connect with several like-minded people for discussions and collaborations.



Get an exclusive Summit T-Shirt, made by our in-house designers along with a perfectly curated delegate kit

GOODIES

A THANKS TO OUR

TITLE SPONSOR



SPONSORS AND PARTNERS



OUTREACH PARTNER



Pricing

Don't just imagine the future—be part of it. Join us for **₹2000** and experience the extraordinary summit.

Head to our website summit.shaastra.org, click on the **Register** page to make an account and **Login** to access the payment portal

Get a **Group Discount** for registering in **groups of 4** or more!

Interest Form

[Interest Form](#)

Let us know of your willingness to participate by filling in this Interest Form

Contact Us



+91 90287 70420

Navinkumar L



summit@shaastra.org



summit.shaastra.org



+91 90195 56798

Rohan Krishnan