





## About the Organizers

Dr. Vishwanath Karad MIT World Peace University (MIT-WPU) is a prestigious world-class institution of higher education in India, boasting a remarkable 40-year legacy dedicated to fostering excellence in academics. With a global alumni network comprising over 1,00,000 professionals, MIT-WPU has consistently delivered outstanding educational outcomes. The institution offers over 150 undergraduate and postgraduate programmes that are thoughtfully designed to strike a balance between theoretical foundations and practical application. The pedagogical approach prioritises experiential learning, empowering students to translate knowledge into real-world skills. This is facilitated through immersive internships and invaluable mentor-mentee insights that serve as catalysts for personal and professional growth. At MIT-WPU, we provide students with unparalleled experiential learning opportunities that seamlessly blend academic offerings with courses in Peace Studies, yoga and meditation. Students here get diverse range of sporting opportunities, immersion programmes, internships and year-round on-campus events and cultural clubs all geared towards fostering the holistic development of our students. Spanning across 65 sprawling acres, MIT-WPU is proud to host a collection of industry-sponsored labs that drive ground breaking research, solidifying our position as one of the foremost universities for scholarly excellence. Our institution thrives in a distinctive academic setting that promotes cross-disciplinary research, actively cultivating an environment where we not only support the pursuit of knowledge but also prioritize discoveries with profound global implications.



## ++++ Patrons +++++



**Revered Prof. (Dr.) Vishwanath D. Karad**  
Founder President, MIT-WPU



**Shri. Rahul Karad**  
Managing Trustee & Executive President,  
MAEER'S MIT Group



**Prof. Dr. R. M. Chitnis**  
Vice Chancellor, Dr. Vishwanath Karad  
MIT-WPU, Pune



**Prof. Dr. Milind Pande**  
Pro-Vice Chancellor, Dr. Vishwanath Karad  
MIT-WPU, Pune

## ++++ Organizing Committee +++++

**Prof. Dr. Mangesh Bedekar**

**Prof. Dr. Shubhalaxmi Joshi**

**Dr. Anuradha Kanade**

**Dr. Gopal Sakarkar**

## ++++ National Advisory Committee +++++

**Dr. Anirban Sengupta,**  
Indian Institute of  
Technology, (IIT) Indore.

**Dr. Madhuri Bhavsar**  
Institute of Technology,  
Nirma University.

**Dr. Gupinath Bhandari**  
Jadavpur University, Kolkata,  
India.

**Dr. Pawan Kumar Singh**  
Jadavpur University,  
Kolkata, India.

**Dr. Sajal Saha,**  
Vellore Institute of  
Technology (VIT), Vellore.

**Dr. Shashi Shekhar Jha**  
IIT Ropar (Main Campus), Birla  
Farm, Rupnagar

**Dr. Umesh Deshpande,**  
VNIT, Nagpur, India.

**Dr. Omprakash G. Kakade**  
Indian Institute of Information  
Technology (IIIT), Nagpur.

**Dr. Allam Jaya Prakash**  
Vellore Institute of  
Technology, Vellore,  
Tamilnadu.

**Dr. S. Ayyasamy**  
Vellore Institute of  
Technology, Vellore,  
Tamilnadu.

**Dr. T. Velmurugan**  
Dwaraka Doss Goverdhan  
Doss Vaishnav College,  
Chennai.

**Dr. Ashish Kumar**  
Manipal University Jaipur,  
Rajasthan, India.

## Important Dates:

Registration & Paper Submission Begins	November 30, 2024
Registration & Paper Submission Last Date	February 10, 2025
Acceptance/ Rejection Communication	Within 7 Days from Submission
Publication APC Payment Last Date	Within 7 Days from the Acceptance E-mail
Conference Presentation & Participation Certification	Within 15 days from the date of conference
Conference Publications	A. Peer Reviewed Paper Publications – 45 to 60 days from the date of conference B. WoS Indexed Publications –90 to 180 days from the date of conference

	Conference Registration Fee Mode: Online	Conference Registration Fee	Publications APC	
			Option 1: Web of Science Indexed Journal	Options 2: PeerReviewed Google Scholar Indexed Journal
<b>Indian Participant</b>	₹ 1,000	₹ 3,000	₹ 35,000	₹ 2,000
<b>Foreign Participant</b>	\$ 50	\$ 150	\$ 1,050	\$ 100

1. One Main Author and maximum Two Co-authors are allowed in each submission.
2. The APC payment is required upon acceptance of the conference paper.
3. Details will be communicated via email. Selecting a publication option is mandatory for reviewing your conference paper and forwarding it to the journal for further review and publication.

## Best Paper Award

**Categories:** A. Educator | B. Research Scholar | C. Student

One Participant from each category will be felicitated with Best Paper Award.

More details about Award is given on conference website.

## About the Conference

The International Conference on Sustainable Smart Computing and Communications (ICSSCC-2025) aims to bring together researchers, academicians, industry professionals, and thought leaders from around the globe to discuss advancements, challenges, and opportunities in the rapidly evolving domains of computing and communications. The conference provides a platform for interdisciplinary dialogue and collaboration, fostering innovative solutions that integrate sustainable and smart technologies into computing and communications. By addressing pressing global challenges and exploring cutting-edge research, ICSSCC-2025 seeks to empower participants to contribute meaningfully to the development of sustainable technological ecosystems.

## Concept Note

In an era marked by rapid technological evolution and global challenges, the interplay between sustainability and smart technology has become a cornerstone for shaping the future. ICSSCC-2025 envisions harnessing the power of smart computing and communication technologies to drive sustainable development, reduce environmental impacts, and promote inclusive progress. Smart computing and communications underpin critical sectors, including healthcare, transportation, education, and urban planning. However, achieving sustainability in these domains requires a paradigm shift toward resource-efficient systems, ethical AI, and resilient infrastructures. This conference serves as a knowledge-sharing hub to discuss innovative research, explore real-world applications, and address challenges in integrating sustainability into smart systems. By convening leading experts and fostering interdisciplinary dialogue, ICSSCC-2025 aims to bridge the gap between academia, industry, and society.

## Objectives of the ICSSCC-2025:

1. To foster Interdisciplinary Research and Collaboration
2. To explore Innovations in Sustainable Technologies
3. To address Ethical, Societal, and Policy Implications
4. To bridge the Gap Between Academia and Industry
5. To promote Knowledge Sharing on Global Challenges
6. To facilitate and felicitate the best research works

## Call for Contributions

ICSSCC-2025 invites original research papers, review articles, and technical case studies which are impact-driven, sustainable, and smart technological solutions for the challenges of tomorrow from the professors, professionals, research scholars and UG-PG Students. Themes and Sub-Themes ICSSCC-2025 invites contributions addressing diverse aspects of sustainable smart computing and communications. The core themes and sub-themes include, but are not limited

## Tracks

### Track 1 | Sustainable Computing and Green IT

1. Green computing
2. Big data
3. Cyberattacks
4. Internet of things
5. Sensors and nanotechnology
6. Cyber-physical-social systems
7. IoT
8. Sensor networks for climate and ecosystem monitoring
9. Self-organized multiagent systems
10. Smart grids, smart cities, smart manufacturing
11. Intelligent transportation systems
12. Autonomous and mobile systems
13. Renewable energy systems
14. Data centre optimization and management
15. Management of cloud computing systems
16. Note limited

### Track 2 | Blockchain and Distributed Ledger Technologies

1. Distributed Consensus
2. Performance, Scalability Issues
3. Distributed Database Technologies for Blockchain
4. Blockchain Interoperability and Cross-chain mechanisms
5. Blockchain Platforms
6. Decentralized App Development, DAPPs, and Services
7. Smart Contracts and Verification
8. Security, Privacy, Attacks, Forensics
9. Transaction Monitoring and Analysis
10. Novel Mechanisms for the Creation, Custody, and Exchange of Crypto assets
11. Anonymity and Criminal Activities of the Cryptocurrency
12. Managing the Risks of Cryptocurrency
13. Distributed Trust
14. Decentralized Internet Infrastructure
15. Decentralized Financial Services
16. Note limited

### Track 3 | Artificial Intelligence and Machine Learning

1. Applications
2. Machine learning applications in healthcare
3. Machine learning applications in industry
4. Machine learning optimization
5. Explainable AI
6. Not limited

### Track 4 | Cybersecurity and Privacy in Smart Systems

1. Secure communication protocols,
2. Privacy-preserving algorithms,
3. Cybersecurity for IoT,
4. Ethical hacking,
5. Data protection in smart systems.

### Track 5 | Communications

1. Wireless and Optical Communication
2. 5G and 6G Technology
3. VLSI
4. Electronic Devices, Circuits and System
5. Communication and Network Protocols
6. Signal Processing
7. RF, Microwave and Smart Antennas
8. Solar, Wind and Battery Technology
9. Renewable Energy Sources and Technology including Hydrogen
10. Power Electronics and Applications
11. Electric Vehicles (EVs)
12. Robotica, Control, Automation and Instrumentation
13. Drone Technology

### Track 6 | AI IN INTERDISCIPLINARY FIELDS

1. Knowledge Representation and Reasoning
2. AI in Marketing
3. Sustainable Manufacturing through AI Enabled Technologies
4. AI based Health Care Management
5. Renewable and Green Energy • AI and Intelligent Control
6. Intelligent Transportation, Internet of Vehicles
7. Unmanned Aerial Vehicles/Drones Technology
8. Nature-inspired optimization methods in production, manufacturing and logistics
9. Metaheuristic solutions for Sustainable Manufacturing
10. AI Ethics and Governance
11. AI in Communication and Media
12. AI in Transportation and Mobility
13. AI in Law

The themes and sub-themes are suggestive. The participant can submit and present the research work on any title of his/her choice which is allied with the conference title and theme.

**Format of paper and author guideline are provided on the conference website.**

### Publication Opportunity:

<b>Option 1</b>	Web of Science Indexed Journal	Name of Journal: Scientific Temper	ISSN: 0976 8653 E-ISSN: 2231 6396
<b>Option 2</b>	Peer Reviewed, Google Scholar Indexed Journal	Name of Journal: Vidhyayana	E-ISSN: 2454-8596

