



**1st International Conference on Sustainable Communication,
Machine Intelligence and Metaverse (SCMIM) - 2025**
7th - 8th February, 2025 (Hybrid Mode)

Organized by

MCKV Institute of Engineering
(NAAC Accredited 'A' Grade Autonomous Institution)

In collaboration with

Yuan Zee University, Taiwan



List of Accepted Special Sessions

Special Session No.	Special Session Title	Name and Affiliation of the Session Proposer(s)
SS1	Geospatial analytics and generative ai application	Muralikrishna Iyyanki, Chairman ISPRS WG III/9 and Member-Smart Village Movement, India
SS2	Emerging trends in machine intelligence and metaverse	Dr. Abhishek Mehta, Associate Professor, Parul Institute of Engineering and Technology, Parul University, India

SS3	Applications of blockchain and machine learning for security in metaverse	Dr. S. Aruna Deepthi, Vasavi college of Engineering, Hyderabad, Telangana
SS4	Ai-driven logistics: improving supply chain efficiency in transportation	Dr. Gurwinder Singh, Associate Professor, Department of AIT-CSE, Chandigarh University, Punjab, India
SS5	Sustainable communication and blockchain technology	Dr. Mandana Gharehdaghi, University of Pannonia, Hungary
SS6	Sustainable educational innovation: Communication and the metaverse	Dr. Mathias Fonkam, Penn State University, USA Dr. Narasimha Rao Vajjhala, Dean, Faculty of Engineering and Architecture, University of New York Tirana, Albania Dr. Eriona Çela, University of New York Tirana, Albania Dr. Rajasekhara Mouly Potluri, Kazakh-British Technical University, Kazakhstan
SS7	Machine intelligence and decision analytic applications in agriculture, environmental monitoring, healthcare, manufacturing, smart cities	Dr. Sudipta Chakrabarty, Department of CSE (AI & ML), Techno Main Salt Lake, India Dr. Shibaprasad Sen, Department of CSE, MCKV Institute of Engineering, India
SS8	Recent trends and future research perspectives in data science and artificial intelligence	Dr. Kuldeep Singh Kaswan, School of Computer Science and Engineering, Galgotias University Dr. Jagjit Singh Dhatteval, Koneru Lakshmaiah Education Foundation, Andhra Pradesh Dr. Varun Malik, Chitkara University Rajpura Punjab
SS9	Sustainable communication networks: Innovations and best practices	Prof. Devasis Pradhan, Dean Research and Development, Acharya Institute of Technology, India Dr. Celso Barbosa Carvalho, Federal University of Amazonas (UFAM), Brazil Dr. Myke Medeiros Valadão, Federal University of Amazonas, Brasil

SS10	Transformative impacts of machine intelligence and decision analytics on agriculture, healthcare, smart cities, and the metaverse	Dr. Neha Sharma, Chiktaka University, Punjab, India
SS11	Fault tolerance and reliability in edge computing	Dr. Rajdeep Chakraborty, Medicaps University, India
SS12	Decision analytics for sustainable supply chain management in Industry 4.0 environment.	Dr. Sushanta Tripathy, KIIT Deemed to be University, Bhubaneswar, India Dr. Deepak Singhal, KIIT Deemed to be University, Bhubaneswar, India Dr. Arun Kumar Ray, KIIT Deemed to be University, Bhubaneswar, India Dr. Suchismita Satapathy, KIIT Deemed to be University, Bhubaneswar, India
SS13	CPS 2.0: machine learning for next generation cyber physical systems	Dr. Neeraj Kumar Singh, Senior Technical Lead (HCLTech), India Dr. Vijay Prajapati, L.D. College of Engineering, Ahmedabad Dr. Jawaharlal Bhukya, VNIT Nagpur Dr. Vasundhara Mahajan, Associate Professor, EED, SVNIT Surat, India
SS14	Next-generation sustainable communication technologies	Dr. Ajay Kumar Vyas, Department of Information & Communication Technology, Adani University, India Dr. Narendra Kharti, Dept. of Mechatronics Engineering, Manipal Institute of Technology, Manipal, A Constituent Unit of Manipal Academy of Higher Education (MAHE)
SS15	Machine intelligence and decision analytic applications in healthcare, agriculture and environmental monitoring	Dr. Tapas Guha, Associate Professor of CSE, Techno International New Town Dr. Shibaprasad Sen, Associate Professor of Computer Science and Engineering, MCKV Institute of Engineering, West Bengal, India

SS16	New approaches to interaction and environment through machine intelligence, and ai-driven decision analytics	Dr. Ramesh Cheripelli, Vidya Jyothi Institute of Technology, Hyderabad, Telangana, India B Srinivasulu, Vidya Jyothi Institute of Technology, Hyderabad, Telangana, India
SS17	Green IoT: Driving Innovation for a Sustainable Future	Aryan Chaudhary, Chief Scientific Advisor, BioTech Sphere Research, India
SS18	Blockchain Technology in Supply Chain Management	Dr. Mandana Gharehdaghi, University of Pannonia, Hungary
SS19	AI in Healthcare	Dr. Kalpesh Popat, Marwadi University, Gujarat, India
SS20	Innovations at the Nexus of IoT, Blockchain, and Machine Learning	Dr. G. Revathy, Sastra Deemed University, India
SS21	Nature Knowledge Computing Unknown Diversity Learning to Known Wireless Network 2024	Dr. Rathipriya Ramalingam, Department of Computer Science, Periyar University, Dr. Loganathan Arunachalam, Department of Mathematics and Statistics, Vignan Foundation for Science Technology and Research, Andhra Pradesh India Dr. Narmadha Nallusamy, Department of Computer Science, Sri Saradha College for Women, India Dr. Sivabalan Settu, Vignan Foundation for Science Technology and Research, Andhra Pradesh India
SS22	Generative AI in Healthcare: Usage and Innovation	Dr. Astha Gupta, Assistant Professor, Chitkara University, Rajpura, Punjab

SS23	Business Developments and Analytics with Artificial Intelligence and Machine Learning Techniques	<p>Dr. Subrata Datta, Netaji Subhash Engineering College, Kolkata, West Bengal, India</p> <p>Dr. Bappaditya Mondal, Academy of Technology, Hooghly, West Bengal, India</p> <p>Prof. Asit Kumar Nayek, Haldia Institute of Technology, Haldia, West Bengal, India</p>
SS24	AI and Decision Science for Optimal Healthcare, Urban Development, and Mobility	<p>Dr. Shouvik Chakraborty, Women's Polytechnic, Chandernagore</p> <p>Dr. Chinmoy Ghorai, Department of Electronics and Telecommunication Engineering, Jadavpur University</p> <p>Prof. Shibdas Bhattacharya, Supreme Knowledge Foundation, Prof. Mousomi Roy, Hooghly Engineering and Technology College, India</p>
SS25	Fuzzy Logic in Smart City Infrastructure for Sustainable Resource Management	<p>Prof Rashmi Singh, Amity Institute of Applied Sciences Amity University Uttar Pradesh, Noida, India, Aryan Chaudhary, Chief Scientific Advisor, BioTech Sphere Research, India</p> <p>" Dr Neha Bhardwaj, Department of Mathematics, SBSR Sharda University, Greater Noida, India</p> <p>Vidyapati Kumar, Department of Mechanical Engineering, Indian Institute of Technology, Kharagpur, West Bengal, India</p>
SS26	AI-based Smart Systems	<p>Prof. Dr. S. S. Thakur, Dr. Shibaprasad Sen, Dr. Soma Bandyopadhyay, Dr. Mahua Nandy Pal</p> <p>Department of Computer Science and Engineering, MCKV Institute of Engineering, West Bengal, India</p>