



Indian Institute of Management Shillong भारतीय प्रबंध संस्थान शिलांग

Society of Operations Management

SOM 2023

26th Annual International Conference of the Society of Operations Management

Theme: *Sustainability and Resilience in Operations Management*
Conference Schedule for 14th - 16th December 2023

Day 1 - Thursday [December 14, 2023]	
08:30 Onwards	Registration Starts
09:30 - 10:30	Inauguration, Welcome Address by Director IIM Shillong, Inaugural Address by Shri Atul Kulkarni, Member BoG, IIM Shillong – Auditorium
10:30 - 11:00	High Tea
11:00 - 11:45	Plenary Sessions - Prof. Jose Arturo Garza-Reyes & Prof. S.G. Deshmukh
12:00 - 13:30	Doctoral Colloquium: Technical Sessions
13:30 - 14:30	Lunch Break
14:30 - 15:15	Plenary Sessions - Prof. Britta Gammelgaard & Prof. Devinder Banwet
15:30 - 17:00	Main Conference: Technical Sessions
17:00 - 18:30	Tea and Interaction
18:30 Onwards	Director's Dinner
Day 2 – Friday [December 15, 2023]	
09:30 - 11:00	Main Conference: Technical Sessions
11:00 - 11:15	Tea Break
11:15 - 12:00	Plenary Sessions - Prof. Ravi Shankar & Prof. Vidyasagar Potdar
12:00 - 13:30	Main Conference: Technical Sessions
13:30 – 14:45	Lunch and Networking Break
14:45 – 15:15	A talk on Digital Horizons: Technology Partner's Vision
15:30 - 17:00	Main Conference: Technical Sessions
17:00 - 18:30	Tea Break
18:30 Onwards	Conference Dinner
Day 3 - Saturday [December 16, 2023]	
09:30 - 11:00	Main Conference: Technical Sessions
11:00 - 11:45	Valedictory: Director's Address, Chief Guest's Address, Vote of Thanks
11:45 Onwards	High Tea

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XXVI Annual International Conference of the Society of Operations Management

Paper Presentation Schedule

Day 1 [14th December 2023] [Session 1; Time - 12:00 - 13:30]		
Track Name	1A [Supply Chain Management]	
Session Chair	Prof. Godwin T & Prof. Mohita Gangwar Sharma	
Venue (LH)	LH6	
Paper ID	Title	Authors
SOM-5356	Factors Influencing Willingness to Subscribe to Cottage Products: Study on Pottery Subscription using SEM	Shivam Singh, Nomesh Bolia
SOM-4759	Logistical Constraints in Global Oil & Gas Supply Chain - A Case Study	Sanchari Ghosh, Sandeep Mondal
SOM-4473	Jaggery Bundles for Sustainable Growth: A Conjoint Analysis Approach	Prashant Kumar, Nomesh B. Bolia
SOM-2088	Value chain analysis of organic pineapple in Nagaland	Seyievono Savi, Rashmita Barua
SOM-5132	Mapping the Metaverse: A Bibliometric Analysis of its Impact on Supply Chain Management	Anita Choudhary, Shobhanam Krishna

Day 1 [14th December 2023] [Session 1; Time - 12:00 - 13:30]		
Track Name	1B [Service Operations Management]	
Session Chair	Prof. Jinil Persis & Prof. Arshinder Kaur	
Venue (LH)	LH7	
Paper ID	Title	Authors
SOM-4991	A conceptual model of engagement styles in a B2B co-creation environment	Rajesh Shankaranarayana, Shalini Ramaswamy
SOM-4520	A review of patient no-show models: pre and post-COVID scenarios	Meera Simon C, Shovan Chowdhury
SOM-5065	Pricing, Advertisement, and Discount Decisions for National versus Private Brand Competition	Manish Kumar, Nagarajan Krishnamurthy
SOM-2196	Modelling Apparel Supply Chain In Disruptive Environment (A PPE Kit Based Case Approach)	Smriti Mishra, Gourav Dwivedi
SOM-2274	The impact of CSR in building a brand: Intermediate mechanisms of employee psychology	Kirti Pahuja, Sounak Bandyopadhyay, Pradip H Sadarangani, Swati Saran

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Day 1 [14th December 2023] [Session 1; Time - 12:00 - 13:30]		
Track Name	1C	
Theme	Innovation, Technology and Economic Models	
Session Chair	Prof. Thangamani Gurunathan & Prof. Jayendran Venkateswaran	
Venue (LH)	LH8	
Paper ID	Title	Authors
SOM-5225	Stochastic Frontier Leanness and Firm Performance: Evidence from India	Anannya Gogoi, Jagriti Srivastava, Rudra Sensarma
SOM-4791	Predictive Maintenance through AI based Digital Twin: A case of Automotive Industry	Pradeep Mishra, Ruchita Gupta, Saurabh Chandra
SOM-4192	Optimal strategic decision under shortage economy	Kishan Suthar, Nagarajan Krishnamurthy
SOM-8046	What drives firm performance – product innovation or process innovation?: Empirical evidence from Germany	Rajesh Shankaranarayana, Sirish Kumar Gouda

Day 1 [14th December 2023] [Session 1; Time - 12:00 - 13:30]		
Track Name	1D	
Theme	Logistics and Sustainability	
Session Chair	Prof. Ramesh Anbanandam & Prof. Samir Biswas	
Venue (LH)	LH10	
Paper ID	Title	Authors
SOM-4617	"Sustainable Manufacturing Practices: Unveiling Key Insights for the Future"	Pradeep Kumar, Milind Sharma
SOM-3395	Influence of various criteria on warehouse performance: A MCDM Study	Ritika Saini, Omkarprasad S. Vaidya
SOM-4785	Multi-depot mixed fleet Electric Bus Scheduling Problem with charging constraints considering sustainability: A GIS-MILP approach	Utkarsh Shivam, Suresh K. Jakhar, Amit Kohar
SOM-4370	Green Hydrogen Supply Chain Ecosystem in India - Cost, Technology & Policy Perspective	Pradeep Mishra, Anjali Awasthi
SOM-2267	Exploring the Last-Mile Delivery Risks	Sounak Bandyopadhyay, Sanjita Jaipuria

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Day 1 [14th December 2023] [Session 2; Time - 15:30 - 17:00]		
Track Name	2A [OM and Economic Models]	
Session Chair	Prof. Govind Kumawat	
Venue (LH)	LH6	
Paper ID	Title	Authors
SOM-3658	Pricing And Channel Strategies for Competitive Entry in Multi-channel Retail Operations	Ajit Pratap Singh, Suresh K Jakhar
SOM-3429	Fair Pricing on Platforms	Rajeev R Tripathi
SOM-4355	Strategic Expansion of a Telecom Player into Ad-Tech Services, and Implication for a Content Provider	Sudha Madhavi Dastrala, Rajeev R. Tripathi
SOM-3320	Where and from whom to buy? An analysis of optimal sourcing strategy	Anand Kumar

Day 1 [14th December 2023] [Session 2; Time - 15:30 - 17:00]		
Track Name	2B [Project Management]	
Session Chair	Prof. Rohit Joshi	
Venue (LH)	LH7	
Paper ID	Title	Authors
SOM-5110	Application of Quality Function Deployment (QFD) in Designing High-Quality Airline Services	Jitendra Sharma
SOM-4638	Shift Scheduling During Pandemics: A Literature Review	Vatsalya Rajaram, Anirban Roy Chowdhury, Kavya Saxena, Peruvemba Sundaram Ravi
SOM-4098	Project 'Sustainable Work-'LiFE' Style': A Method of Mapping Mission 'LiFE' with Higher Education	Charulata Londhe
SOM-2037	Implementation of Project Management Concept for Conversion into a Smart City: A Case Study on Agartala	Swarup Paul
SOM-8055	Project management of microfinance institutions: A bibliometric analysis and future research direction	Ramjeevan Prasad Das, Manish Kumar Jha
SOM-2380	A Framework for Sustainable Resilient Pharmaceutical Supply Chain (SRPSC)	Vikrant Giri, Jitender Madaan, Nikhil Varma

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Day 1 [14th December 2023] [Session 2; Time - 15:30 - 17:00]		
Track Name	2C [Service Operations Management]	
Session Chair	Prof. Soumen Manna	
Venue (LH)	LH8	
Paper ID	Title	Authors
SOM-4542	Study on Lean Supply Chain Management in a Small-scale Restaurant in North Bengaluru	Sanjana R, Chandra Sen Mazumdar
SOM-5230	Impact of Supply Chain Strategy on Customer Satisfaction: A bibliometric analysis on Global Retail Giants in India	Animesh Kumar
SOM-3911	Applying a Data Envelopment Analysis procedure to measure tourism efficiency of the countries.	Subrata Mitra
SOM-4071	The journey towards sustainable banking practices of Nepalese commercial banks in comparison with the sustainable banking networks guidelines in South Asia	Ghanashyam tiwari, Neeta Dhusia Sharma, Abhishek Saha Roy
SOM-5206	Reliability and Transient Analysis of Discrete-Time Multi-Class Priority Queue with Negative Customers and Vacation	Ajay Singh, Rakhee Kulshrestha
SOM-7629	A Systems View of a Joint Clinic for Cancer Treatment in a Tertiary Care Hospital	Simran Lakhani, Ashutosh Mahajan

Day 1 [14th December 2023] [Session 2; Time - 15:30 - 17:00]		
Track Name	2D [Sustainable Operations Management]	
Session Chair	Prof. Kailash Choudhary	
Venue (LH)	LH10	
Paper ID	Title	Authors
SOM-4768	Assessing the role of industry 4.0 in bringing sustainability to the agri-food supply chain (AFSC)	Rituraj Singh, Gourav Dwivedi
SOM-4741	Synthesizing an Operational Resilience Maturity Framework for Indian Apparel Manufacturing Industry	Shweta Singh, Archana Gandhi, Sunil Sharma
SOM-4172	Exploring Purchase Intentions of Postgraduate Management Students Towards Electric Cars: An In-Depth Analysis	Maheswaran Srinivasan
SOM-5407	Green Mining Practices in Eastern Coalfield:-A multidimensional Analysis	Suvam Sarmacharjee
SOM- 2798	Collaboration studies in Closed-loop Supply chains: A Bibliometric & Visualization Review	Manish Kumar Singh, Jitender Madaan
SOM-3843	Investigating Entrepreneurial Success Through Three SDGs (8, 9, 10): Whether Entrepreneurship Attitude And Intentions Matter?	Mohit Taneja, Ravi Kiran, S.C. Bose

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Day 1 [14th December 2023] [Session 2; Time - 15:30 - 17:00]		
Track Name	2E [Sustainable Operations Management]	
Session Chair	Prof. Laxmi Gupta	
Paper ID	Title	Authors
SOM-5148	Sustainability and Customer Engagement for Advanced Manufacturing System	Laxmi Gupta, Ravi Shankar
SOM-1519	Sustainability of Machine Learning Solutions in Operation Management under Limited Labeled Data	Garima Nain, K. K. Pattanaik, Jose Arturo Garza Reyes
SOM-2168	Purpose Driven Strategy Can Fuel the Adoption of Sustainability in the Media Streaming Industry	Sayandeep Chandra
SOM-4018	The Impact of Industry 4.0 on Warehouse Sustainability: A Systematic Literature Review	Walid Al Saad, Jose Garza-Reyes, Simon Nadeem, Moayad Al Talib
SOM-4241	Factors of inclusion in the circular economy to adopt green practices for sustainable development: An Indian perspective	Sourav Mondal
SOM-5330	A Study Understanding the Holistic Impact of Lean Six Sigma and Industry 4.0 in Building a Circular Economy	Ashish Shrivastava, Rajesh Prasad Mishra

Day 1 [14th December 2023] [Session 2; Time - 15:30 - 17:00]		
Track Name	2F [Supply Chain Management]	
Session Chair	Prof. Anupama Prashar	
Paper ID	Title	Authors
SOM-3620	A Grey-Dematel Approach for Identifying Sustainable Supply Chain Motives in Fast-Moving Consumer Goods Sector	Anupama Prashar
SOM-3623	Apparel Supply Chains and Blockchain: Never the twain shall meet?	Ettishri Rajput, Tejindersingh Lakhwani
SOM-4579	Impact on environmental performance through the integration of the Artificial intelligence and sustainability practices; an investigation into the smart Agri-food supply chains	Samsad Reza, Jose Arturo Garza Reyes, Tony Anisoke
SOM-6725	Exploring key enablers for Embracing Blockchain Technology and Machine Learning in Circular Supply Chain Management: A Case Study of Indian MSMEs	Himanshu Gupta, Sourav Mondal, Saumya Singh
SOM-4103	Life Cycle Assessment of Battery Energy Storage: Distributional Impacts, Strategies for Fair Cost-Benefit Distribution, and Environmental & Social Safety Nets	Siddartha Ramakanth Keshavadasu, Rajkiran Venkateshgoud Bilolikar, Amartya Awasthi, Pavan Kumar Parnandi
SOM-3621	Promoting Sustainability through Circular Supply Chains in India: A Roadmap to success.	Ritu Talwar

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Day 1 [14th December 2023] [Session 2; Time - 15:30 - 17:00]		
Track Name	2G [Operations Management]	
Session Chair	Prof. G. Anand	
Paper ID	Title	Authors
SOM-5191	A Review to Comprehend the Role of Augmented Reality in making Supply Chain Management 4.0 Sustainable	Sudhir Madhav Patil, Neelkanth Chandrakant Dhone, Ravi Harendra Chourasiya
SOM-3506	Improving Decision-Making in Public Health Surveillance of Epidemics with Evolving Pathogens	Pankaj Jindal, Sarang Deo, Sripad Devalkar
SOM-1564	Customer Buying Preferences towards Organic Food	Punam Mishra, Ashwini Sharma
SOM-2607	Uncovering the Factors Influencing Aid Dissonance in the Humanitarian Operations: A Country-Level Perspective	Anand Gurumurthy, Suparna Subash K, Lijo John, Asoke Dey
SOM-5166	Examination of Driver Behaviour and Provision of Training Program Recommendations: a Case Study DHL Automotive	Pouria Liravi, Tony Anosike, Elena-Andreea Andreiciuc
SOM-4443	A study on the effects of digital transformation on transportation	Prabal Mahanta, Sreeram Kumar Bhagavatula, Rohit Joshi
SOM-1985	Consumer attention and price competitiveness in telecommunications market	Barsha Saha

Day 2 [15th December 2023] [Session 3; Time - 09:30 - 11:00]		
Track Name	3A [Technology and Innovation in OM]	
Session Chair	Prof. Shovan Chowdhury	
Venue (LH)	LH6	
Paper ID	Title	Authors
SOM-4031	Antecedents of Industry 4.0 in Building Resilient Supply Chain	Shubhangini Rajput, Shubhi Gupta
SOM-3382	Impact of Blockchain on Supply Chain Profitability: A Quantitative Analysis	Vasanthraj S, Arshinder Kaur, Vidyasagar Potdar, Himanshu Agrawal
SOM-3594	Digital Twin of a rural supply chain distribution network toward sustainable operations	Sanket Mishra, Jayendran Venkateswaran
SOM-5004	Developing a strategic model for Enhancing Entrepreneurial Skill Development for Technology Business Incubators	Ravi Kiran, S.C. Bose, Abhimanyu Goyal
SOM-3459	Optimal Product-Prototype Design for Choice Experiment	Soumen Manna
SOM-1941	Consumer Appliances Innovation: A Research Inquiry into Evidential Reasoning for Robust Decision-Making	Thangamani Gurnathan

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Day 2 [15th December 2023] [Session 3; Time - 09:30 - 11:00]

Track Name	3B [Inventory and Logistics Management]	
Session Chair	Prof. Bhawana Rathore	
Venue (LH)	LH7	
Paper ID	Title	Authors
SOM-3256	Demand Forecasting of Spare Parts: A Case Study From Indian Railways	Ashok Kumar Choudhary, Milind Kumar Sharma
SOM-4458	Modified ATC rule for minimizing tardiness and number of tardy jobs in single-machine scheduling	Rohit Gupta, Shubham Keshri, Avijit Khanra
SOM-4869	Identifying Vulnerabilities in a Large-scale E-commerce Logistics Network: A Near Real-time Diagnostic Framework	Aakash Sachdeva, Anirban Naskar, Abhishek Bhatnagar, Manjeet Dahiya
SOM-3584	Optimising Two-Echelon Distribution Systems Considering Trade-Offs between Safety Stock and Backorder Cost	Vatsalya Rajaram, Biswajit Kar, Mamata Jenamani
SOM-7550	Hierarchical Aggregation-wise Multivariate Time Series Forecasting for Supply Chain	Santosh Palaskar, Narayan Rangaraj, Nandyala Hemachandra
SOM-8217	Inventory planning for substitute products	Jighyasu Gaur, Bhawna Priya

Day 2 [15th December 2023] [Session 3; Time - 09:30 - 11:00]

Track Name	3C [Sustainable Operations Management]	
Session Chair	Prof. Samir Biswas	
Venue (LH)	LH8	
Paper ID	Title	Authors
SOM-4557	Using buyback contract as a coordination mechanism in humanitarian supply chain under circular economy.	Pankesh Dhadwal
SOM-3982	Exploring the social dimension of Circular Economy	Sourabh Bhattacharya
SOM-3771	RoadMap for Biofuel adoption in Marine Sector through TISM	Mohita Gangwar Sharma, Joshin John
SOM-5423	Application of Fuzzy Analytical Hierarchy Process (AHP) for ranking the Circular Economy (CE) barriers in Automobile Industries	Payal Singh, Sanjay Kumar Bhushan, Devinder Kumar Banwet
SOM-4491	The Sixth Element: Influence of Mind Variability on Resources for Sustainable and Resilient Operations Strategy	Kshitij Shingwekar, Shweta Kushal
SOM-3814	Network Design and Multi-objective Optimization Model for Sustainable Circular Supply Chains	Vijaypal Poonia, Rakhee Kulshrestha, Mukund Sangwan

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Day 2 [15th December 2023] [Session 3; Time - 09:30 - 11:00]

Track Name	3D [Supply Chain Management]	
Session Chair	Prof. Surya Prakash	
Venue (LH)	LH10	
Paper ID	Title	Authors
SOM-3296	Modelling risk propagation in a Sustainable Food Supply Chain	Deepesh Gotherwal
SOM-4603	Environmental Impact of the Textile Industry: Upcycling and Government Subsidies for Sustainability	Manu Mathew
SOM-4862	Agriculture Marketing and supply chain management: Challenges and opportunities in Indian Market	Archana Lahoti
SOM-4584	Strategies to reduce Agri-Residue burning: A Game Theoretic Study	Pratik Samal, Sri Vanamalla Venkataraman
SOM-5215	Blockchain Implementation Barriers for A Sustainable Agri Food Supply Chain	Abhishek Kashyap, Om Ji Shukla, Varun Kumar, Gaurav Kumar
SOM-3999	Case Study analyse the sustainable production performance of all pulses processing firms of India via the Balanced score card method: Evidence selected from the three states of India.	Mandavi Sahu

Day 2 [15th December 2023] [Session 3; Time - 09:30 - 11:00]

Track Name	3E [Behavioural & Humanitarian Operations Management]	
Session Chair	Prof. Sivakumar S	
Venue (LH)	Meeting Room 2nd Floor	
Paper ID	Title	Authors
SOM-3900	Disaster Preparedness Enabling Disaster Relief Operations In Accord With The Sendai Framework 2015-30: A Review	Supriya Dutta, Tridib Ranjan Sarma
SOM-3462	Behavioural Science approach to Behaviour Change Using Emotion as Lever	Dhrubajyoti Sarma
SOM-3717	Competitive Impact of Vertical Partial Ownership Structures	Nitin Shahi, Ajay Sharma

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Day 2 [15th December 2023] [Session 4; Time - 12:00 - 13:30]

Track Name	4A [OM and Economic Models]	
Session Chair	Prof. Rajeev R Tripathi	
Venue (LH)	LH6	
Paper ID	Title	Authors
SOM-3497	Boon or Bane: Impacts of Exclusive Tie-ups Between Two-sided Platforms and Sellers	Govind Kumawat
SOM-3850	Optimising Social Welfare in Liquor Retail and distribution	Sivakumar S
SOM-2825	Supply chain, greenhouse gas emissions, and agricultural share as determinants of economic growth: A panel data approach	Abhinay Mishra
SOM-1759	Examining the aging worker problem in industry	Niloofer Katirae, Ajay Das, Daria Battini
SOM-2684	Impact Of Logistics On Growth Of Indian Economy	Maran Kaliyamoorthy, Usman Mohideen Konkader Shahul Hameed, Senthilnathan C R, Illakiya T
SOM-2038	Comparison of Government Price Subsidy Schemes for a Population of Farmers	Heetak Jayesh Shah

Day 2 [15th December 2023] [Session 4; Time - 12:00 - 13:30]

Track Name	4B [Supply Chain Management]	
Session Chair	Prof. Soumya Roy	
Venue (LH)	LH7	
Paper ID	Title	Authors
SOM-3328	Supplier Selection And Lot Sizing With Sustainability And Risk Issues	Souvik Bisai, Krishnendu Shaw
SOM-3555	Supply Chain Disruption Management: A Maturity Model Framework	Kalyana C Chejarla, Esha Saha, Akhilesh Mishra
SOM-4668	Conceptual Model for Hybrid Loop Supply Chains for Products with Mixed Customer Utility	Godwin T
SOM-2059	Going “Glocal”: The Case Of The 10,000 Pound Cotton “Dirt To Shirt” Project	Jayanth Jayaram, Vidyaranya B. Gargeya, Eric Henry, Vashkar Ghosh
SOM-6504	Factors Influencing Supply Chain of Millet-based Products: An Expert’s Perspective	Kavita Ingale, Shraddha Kokane, Tanaya Kulkarni, Mrudula Abhyankar, Aryaa Rathod, Nakshatra Zaware

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Day 2 [15th December 2023] [Session 4; Time - 12:00 - 13:30]

Track Name	4C [Service Operations Management]	
Session Chair	Prof. Vivek Soni	
Venue (LH)	LH8	
Paper ID	Title	Authors
SOM-5048	Blockchain-Based Smart Solution for Protection of Patient Data Across the Healthcare System	Ashok Peepliwal
SOM-4268	Ameliorating the operational efficiencies of hospitals in terms of its service quality by managing attrition of the knowledge worker with a proper talent retention strategy – a study on the Narayana Superspeciality & Multispeciality Hospital, Howrah	Aniruddha Banerjee, Rana Bandyopadhyay
SOM-3797	Bibliometric Analysis of Online Patient Support Group Based on PubMed	Vivek Pandey, Samrat Kumar Mukherjee, Ajeya Jha, Jitendra Kumar
SOM-4555	Commentary on game theoretical allocation studies in vaccine supply chains	Vigneashwaran K, Rohit Kapoor, Peeyush Mehta
SOM-5333	Divyajyoti Trust Hospital: Expansion opportunities.	N Ravichandran, Chhavi Kohli, Nikunj Kumar Patel
SOM-5087	Understanding the Issue of Menstrual Waste Management & Exploring Sustainable Alternatives to Non-biodegradable Sanitary Napkins in India	Aditi Saha, Yogesh Dubey

Day 2 [15th December 2023] [Session 4; Time - 12:00 - 13:30]

Track Name	4D [Mathematical Programming and Optimization Techniques]	
Session Chair	Prof. Vinu CT	
Venue (LH)	LH10	
Paper ID	Title	Authors
SOM-3488	Proposed Optimization Algorithm Based on Superior-Teaching-Learning Technique for the Resolution of Unconstrained Optimization Problems	Ayush Singh
SOM-2538	Type-2 Fuzzy with Monte Carlo Simulation for Comprehensive Project Risk Assessment	Thangamani Gurunathan
SOM-2452	Optimizing Software Modularization through Community detection: A mathematical programming approach	Aditya Joshi, Rajendran Chandrasekharan, Viswanath Ganesan
SOM-1652	Achieving Cohesive Modular Structures in Large-scale Networks: A Weighted Multi-Objective Model for Community Detection	Rahul Prasad, Rajendran Chandrasekharan, Viswanath Ganesan
SOM-2482	Multiobjective Derivative-Free Optimization of Parameters for a Volumetric Solar Receiver	Shivani R G, Sonika Sharma, Prashant Palkar

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Day 2 [15th December 2023] [Session 4; Time - 12:00 - 13:30]

Track Name	4E [Quality Management]	
Session Chair	Prof. Abhishek Vashishth	
Venue (LH)	Meeting Room 2nd Floor	
Paper ID	Title	Authors
SOM-1651	A DMAIC based approach for Supplier Quality Development (SQD)	Khosrow Noshad, Anjali Awasthi, Mahesh Sharma
SOM-4583	Price Subsidies with or without Physical Procurement: Impact on Quality, Profits, and Welfare	Omkar Palsule Desai, Aysajan Eziz, Srinagesh Gavirneni
SOM-1253	Implementation of Lean manufacturing in Indian context-A Case Study of Indian industry including MSME Sector	Dr.Kavita Shastri, Sanjoy Mukerji, Adarsh Pandey
SOM-5428	Operational Excellence through implementation of TPM in a Petrochemical Company; A Case Study	Sunil Sharma, Latika Bajetha

Day 2 [15th December 2023] [Session 5; Time - 15:30 - 17:00]

Track Name	5A [Technology and Innovation in OM]	
Session Chair	Prof. Bhawna Priya	
Venue (LH)	LH6	
Paper ID	Title	Authors
SOM-3358	Data-driven manufacturing: A review to draw research area's general outline	Arun Ghidode, Milind M. Akarte
SOM-4926	A Study on Innovative Approach to E- waste Recycling Process using AI for Lean Manufacturing of Electronic products	Kundan Kumar, Chandra Sen Mazumdar
SOM-6874	A Machine Learning-Based Approach for Selecting the Important Smartphone Features to Find the Optimal Product Variants	Debraj Bhattacharjee, Ramesh Kandela, Sourabh Mandol
SOM-6343	Assessment of electric vehicle charging infrastructure growth in Indian states: A machine learning approach	E. Sandhiya, M.S. Gajanand
SOM-6972	Study and Analysis of E-wallet Paytm in Indian University for Promoting Cashless Transactions	Akhilendra Khare, Subash Harizan, Nripendra Dwivedi, Amit A Jain, Balbindar Kaur, Reeta Clonia
SOM-1884	Sustainability Challenges in Biomedical Waste Management: A Study of Hospitals and Third-Party Logistics in the Healthcare Sector	Surya Prakash, Sudhinder Singh Chowhan, Piyush Shukla

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Day 2 [15th December 2023] [Session 5; Time - 15:30 - 17:00]

Track Name	5B [Inventory and Logistics Management]	
Session Chair	Prof. Sunil Sharma	
Venue (LH)	LH7	
Paper ID	Title	Authors
SOM-5099	Indian Railways: Train Set Assignment Problem in Suburban Services	Samir Biswas, Preetam Basu
SOM-5064	Incorporating Operational Challenges in Capacitated Vehicle Routing Problem for E-commerce Logistics	Anirban Naskar, Vipul Patel, Nisha Gupta, Ronit Mondal, Abhishek Bhatnagar, Bhupinder Singh, Manjeet Dahiya
SOM-4295	Consistent Vehicle Routing Problem With Heterogenous Fleet And Simultaneous Distribution And Collection: The Case Of A Dairy Plant	Joshin John, Mohita Gangwar Sharma, Suchita Roy Bhuri
SOM-8317	Analysis and examine the barriers of disruptive technologies in the logistics sector	Bhawana Rathore

Day 2 [15th December 2023] [Session 5; Time - 15:30 - 17:00]

Track Name	5C [Sustainable Operations Management]	
Session Chair	Prof. Himanshu Seth	
Venue (LH)	LH8	
Paper ID	Title	Authors
SOM-4282	A study on optimal pricing and emission reduction strategies for EV supply chain under different supply chain structures.	Kaustov Chakraborty, Surajit Bag
SOM-3973	Overcoming Implementation Barriers for Sustainable Life Cycle Assessment with Industry 4.0 Technologies	Prince Ranjan, Shikha Singh
SOM-2109	Green Supply Chain Practices and Organizational Performance: Examining role of operating sector in Emerging economy	Lokesh Vijayvargy, Saumyaranjan Sahoo
SOM-7079	Understanding the set of potential sustainability indicators and practices in a super specialty hospital in India.	Meenal Kulkarni

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Day 2 [15th December 2023] [Session 5; Time - 15:30 - 17:00]

Track Name	5D [Reliability and Maintenance]	
Session Chair	Prof. Neeraj Joshi	
Venue (LH)	LH10	
Paper ID	Title	Authors
SOM-2496	Sequential Estimation of the Stress-Strength Reliability for Inverse Pareto Distribution with Applications	Neeraj Joshi, Sudeep Bapat, Raghu Nandan Sengupta
SOM-1648	Using Life Test Sampling for Warrantied Products for Determining Optimum Process Target: A Markov Chain Approach	Jimut Bahan Chakrabarty, Prashant Premkumar, Deepak Srivastav, Shovan Chowdhury
SOM-2773	On Statistical Inference and Design of Progressive Type-I Interval Censoring Schemes	Soumya Roy
SOM-1249	Statistical Inference for the Reliability Characteristics of Kumaraswamy Distribution Under Random Censoring Model	Aditi Chaturvedi
SOM-3278	Monitoring Percentiles of Hybrid Censored Weibull Distributed Process and Role of Optimization	Shovan Chowdhury

Day 2 [15th December 2023] [Session 5; Time - 15:30 - 17:00]

Track Name	5E [OM and Economic Models]	
Session Chair	Prof. Omkar Palsule Desai	
Venue (LH)	Meeting Room 2nd Floor	
Paper ID	Title	Authors
SOM-2056	Policy-making Under Quality Alteration	Sachin Kumar Tiwari, Omkar D. Palsule-Desai
SOM-3681	Are Consumers Smart, Green or Both? Policies and Decisions for Remanufacturing under Competition	Gourav Tiwari, Rajeev Ranjan Kumar
SOM-2403	Firefly Algorithm-Artificial Neural Network Expert System for Predicting Surface Hardness of Hybrid Reinforced MMC Prepared by Hybrid Casting Process	Prasenjit Dutta, Debashis Podder, Sujoy Chakraborty
SOM-4388	Three echelon carbon emission sensitive supply chain decisions under uncertainty	Rohit Gupta
SOM-2480	The Impact of expertise and reciprocity on the Dissemination of Information via Twitter	Vinu CT

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Day 3 [16th December 2023] [Session 6; Time - 09:30 - 11:00]

Track Name	6A [Service Operations Management]	
Session Chair	Prof. Sudha Madhavi Dastrala	
Venue (LH)	LH6	
Paper ID	Title	Authors
SOM-5171	Navigating Challenges in Dialysis Care: An In-Depth Analysis in Madhya Pradesh Dialysis Centers	Sachin Bodke, Narayan Rangaraj, Viswanath Billa, Deepa Usulumarty, Mallikarjuna Gowda
SOM-3312	Comparative study between quality of services provided by Government and Private Hospitals operating in Silchar using SERV-QUAL Scale	Kh. Nganthoi Singha, Saurav Dey, Puja Sen, Debamalya Ghosh
SOM-1850	Conceptual Framework for Medical Deliveries in Difficult-to-Access Areas Using Drones	Mayur Morey, Arshinder Kaur, Sharan Srinivas
SOM-2396	Predicting Physicians' decision on offering teleconsultation using explainable trees	Jinil Persis

Day 3 [16th December 2023] [Session 6; Time - 09:30 - 11:00]

Track Name	6B [Sustainable Operations Management]	
Session Chair	Prof. Achinta Kr. Sarmah	
Venue (LH)	LH7	
Paper ID	Title	Authors
SOM-1909	Responsible Operations for a Sustainable Future - The Case of Mithapur, Balancing 'Where We Live' with 'What and How of Development'	Mousumi Baruah, Radha Ganesh Ram
SOM-2513	Adjudicating the Working Capital Management Efficiency in Sustainable Firms. A two-stage Data Envelopment Analysis	Uttam Karki, Himanshu Seth
SOM-6852	An integrated approach of F-AHP and F-DEMATEL technique to analyze the drivers and barriers of sustainable supply chain management	Arpan Paul, Siba Sankar Mahapatra
SOM-1845	ESG reporting in manufacturing MSMEs to overcome future challenges: A Case Study	Ch Ajendra Singh, Ramesh Anbanandam
SOM-4895	A Review of Supply Chain Management of Electric Vehicle (EV) Battery Components	Aparna Anil, Ramesh Anbanandam
SOM-6792	Evolution, Operation and Management of Indian National Electricity Grid	Sushil Kumar Sharma

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Day 3 [16th December 2023] [Session 6; Time - 09:30 - 11:00]		
Track Name	6C [Strategy and OM Interface]	
Session Chair	Prof. Anand Kumar	
Venue (LH)	LH8	
Paper ID	Title	Authors
SOM-5285	The Impact of the Food Traceability System on Purchase Intention for Local Food Products: Experience from Kerala, India	RIJAS M, Vignesh Thirukumaran R, Radha Ramanan T
SOM-1580	Changing Paradigm in Sales Channel Preferences in General Insurance Sector in a Developing Economy: An Analytical Study on Changing Consumer Taste	Rohit Kulshrestha, T. Radha Ramanan T, Muhammad Shafi Muhammad
SOM-1928	Analyzing the Impact of Supply Chain Quality Management on Quality and Financial Performance among Indian Manufacturers	Saumyaranjan Sahoo, Lokesh Vijayvargy
SOM-1813	Exploring the Influence of Gender on the Customer Continuance Intention for On-Demand Home Services	Atanu Bhuyan, Roopendra Roopak
SOM-7996	Allocation policies for in-house and outsourced railway rakes	Kritika Karwasra, Narayan Rangaraj

Day 3 [16th December 2023] [Session 6; Time - 09:30 - 11:00]		
Track Name	6D [Learning and Knowledge Management in OM]	
Session Chair	Prof. Jimut Bahan Chakrabarty	
Venue (LH)	LH10	
Paper ID	Title	Authors
SOM-4053	Process Mapping for Quality Improvement in Higher Education- Insights from Literature Review.	Geetam Misra, Nripendra Narayan Sarma
SOM-3755	Learning Effectiveness Using Alternative Pedagogical Approaches In Operations Management	Joshin John, Feba Thomas, Rajiv Kumar Srivastava
SOM-4678	Modelling NEP Propositions: A Sustainable Higher Education Framework for Managing Future Industrial Operations	Vivek Soni, Sunil Sharma, Devinder Kumar Banwet
SOM-4488	Subject Area Centric Elective Examination Timetabling in B-Schools	Godwin T
SOM-2077	Enhancing Learning and Knowledge Management in Engineering Education: A Comprehensive Assessment and Roadmap	Vivekanandan N, Rajeswari K, Yuvraj Kanna N V
SOM-5375	Exploring the Nexus of Knowledge Hiding, Knowledge Sharing, and Circular Supply Chain: From a Literature Review to Conceptual Framework	Soumya Varma, Pankaj Kataria, Ashish Goel

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