

# International Conference For Supply Chain Modelling, Optimization, Digitalization & Analytics (ICoSMODA 2026)

Paper ID	Authors	Paper title	Day	Start time	End Time	Venue
<b>Session -3      Date- 10-02-2026      Time- 2.30 PM-3.30 PM</b>						
ACA_01	Badri Toppur, Atanu Sanyal	A Transshipment model for Logistics Management at Indian Oil Corporation	10-02-2026	2.30 pm	2.50 pm	Library
ACA_02	Atanu Bhattacharyya, Maitreyee Das	Driving Supply Chain Efficiency in Indian Ready-Made Garment SMEs: A Case Study		2.50 pm	3.10 pm	
ACA_03	Abhishek Shrivastav, Ankita Shrivastav	Assessing the Longitudinal Effects of Digital Supply Chain Integration on Operational Performance: Mediation–Moderation Latent Growth Curve Analysis and Arena Simulation Modelling		3.10 pm	3.30 pm	
<b>Session -4      Date- 10-02-2026      Time- 4.00 PM-5.30 PM</b>						
ACA_04	Agniva Dey, Partha Ray, Somen Seal	Development of a New Defuzzification Technique on Heptagonal Fuzzy Numbers and Its Application	10-02-2026	4.00 pm	4.20 pm	Library
ACA_05	Gunjan Dewangan	Wavelet-Based Distributed-Order Optimal Control Problem		4.20 pm	4.40 pm	
ACA_07	Debopriya Dey, Samarjit Kar, Dilip Kumar Bhattacharya	Optimal Control of A Three-Dimensional Production Inventory Model with Stochasticity in Demand, Goodwill Effect and Sales Rate		4.40 pm	5.00 pm	
ACA_08	Soumyadeep Bej, Samarjit Kar	Pricing Strategy with Warranty and Risk-aversion under Demand Uncertainty: A Remanufacturing Flexibility in Sustainable Supply Chain		5.00 pm	5.20 pm	
<b>Session -3      Date- 11-02-2026      Time- 2.30 PM-3.30 PM</b>						
ACA_06	Sourish Sarkar, Aritrabha Majumdar, Moutushi Chatterjee	3 Players Auction Bridge - Statistical Algorithmic Strategies	11-02-2026	2.30 pm	2.50 pm	Library
ACA_10	Retwik Bera, Samarjit Kar	Blockchain Adoption Strategies in Competitive Remanufacturing Supply Chain: A Game-Theoretic Approach		2.50 pm	3.10 pm	
<b>Session -4      Date- 11-02-2026      Time- 4.00 PM-5.30 PM</b>						
Ind_01	Rahul Saha	GenAI-powered Inventory Management in the Utility business of Power Distribution to enhance supply chain management	11-02-2026	4.00 pm	4.20 pm	Library
Ind_02	Nitin Sharan, Sushant Bahekar, Aaditya Joshi	Data – Driven Shipment Forecasting for Area Offices: Leveraging AI for Supply Chain Efficiency		4.20 pm	4.40 pm	
Ind_03	Gayatri Pal	Automated Cost Negotiation in Retail Sourcing: A Hybrid LLM-RL Framework Leveraging BOM Intelligence and Market Signals		4.40 pm	5.00 pm	
Ind_07	Raisa Paul	Optimizing Vehicle Logistics Services: A Unified Framework for Hauler Loading		5.00 pm	5.20 pm	
<b>Session -2      Date- 12-02-2026      Time- 11.30 AM-1.00 PM</b>						
ACA_09	Sudip Das, Samarjit Kar	Offshoring and Outsourcing in Green Supply Chain: Impact of Different Pricing Strategies on Business Performance	12-02-2026	11.30 am	11.50 am	Library
ACA_11	Tanmay Halder, Bijoy Krishna Debnath	Multi Objective Closed Loop Supply Chain Inventory Model with Learning and Forgetting under Carbon Emission Policies using NSGA II, MOPSO, and TOPSIS		11.50 am	12.10 pm	
ACA_13	Ishani Ray, Samarjit Kar	Pricing Decisions in A Three-Level Sustainable Supply Chain under Two-part Tariff Contract Incorporating Fairness Concern and Risk Aversion		12.10 pm	12.30 pm	
<b>Session -3      Date- 12-02-2026      Time- 2.30 PM-3.30 PM</b>						
Ind_04	Amol Ajit Bhawe, Sandip Kumar Pal	Wavelet Meets ConvLSTM: Forecasting Global Trade with GTAS for Supply Chain Insights	12-02-2026	2.30 pm	2.50 pm	Library
Ind_05	Suman Senapati	Innovations in Green Shipping: Data-Driven Strategies for Decarbonizing Maritime Transport		2.50 pm	3.10 pm	
Ind_06	Rajesh Karan, Suman Senapati, Sandip Pal, Shubham S	Trajectory Mining and Route Clustering for Robust ETA Prediction in Shipping		3.10 pm	3.30 pm	

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<b>Session -3      Date- 10-02-2026      Time- 2.30 PM-3.30 PM</b>						
ACA_16	Tanirika Pal, Akkshit Srivastav, and Nibir Dutta	Voltway: An ML Framework for Threshold-Aware EV Charging Decisions	10-02-2026	2.30 pm	2.50 pm	HGU
ACA_17	Moutushi Chatterjee, Subhrata Sen	A Bayesian Hypothesis testing based Supplier Selection Using Process Capability Analysis		2.50 pm	3.10 pm	
ACA_20	Chayanika Rout	Assessing The Risks Associated with The Implementation of Big Data Analytics and Artificial Intelligence In Sustainable Supply Chain		3.10 pm	3.30 pm	
<b>Session -4      Date- 10-02-2026      Time- 4.00 PM-5.30 PM</b>						
ACA_18	Abhijit Barman	Trade Credit, Bank Financing, and Blockchain Innovation in Sustainable Lithium-ion Battery Supply Chain	10-02-2026	4.00 pm	4.20 pm	HGU
ACA_19	Rukmini S, Karthikeyan K	Optimizing Urban Healthcare Facility Location: Emission Factor Analysis of p-Median vs. p-Center Models		4.20 pm	4.40 pm	
ACA_22	Shreya Kelkar, Niketa Trivedi	Sustainable Inventory Model for Perishable Products with Price, Time, Stock and Greenness Level Dependent Demand with Nonlinear Holding Cost, Greening Investment and Carbon Emissions.		4.40 pm	5.00 pm	
ACA_23	KM Rashmi, S. K. Samanta	Analytical Study of Two-Way Communication In M/G/1 Retrial Queue with Constant Retrial Policy		5.00 pm	5.20 pm	
<b>Session -3      Date- 11-02-2026      Time- 2.30 Pm-3.30 Pm</b>						
ACA_21	Swata Marik, Swayamjit Saha, Garga Chatterjee	Beyond Accuracy: Evaluating Forecasting Models by Multi-Echelon Inventory Cost	11-02-2026	2.30 pm	2.50 pm	CVPR
ACA_25	Minakshi Punam Mandal, Laurent Alfandari, Ivana Ljubic	Robust Facility Location in Disaster Preparation for Earthquakes with Aftershocks		2.50 pm	3.10 pm	
ACA_26	Ratan Kumar Behera, Monalisha Pattnaik, G Mariam Rao, Laxmi Priya Panda, Umrah Naushad	AI-Driven Supplier Intelligence: A Hybrid Clustering and Predictive Modeling Framework for Strategic Procurement Optimization		3.10 pm	3.30 pm	
<b>Session -4      Date- 11-02-2026      Time- 4.00 PM-5.30 PM</b>						
ACA_24	Utsav Pandey, Vidushi Singh	Stochastic Modelling for Managing The Integration of Solar Energy with Regular Power-Grid in The Presence Of Environmentally Conscious Consumers	11-02-2026	4.00 pm	4.20 pm	HGU
ACA_27	Kaushal Kumar, Sukhpal, Gurnam Singh, Rahul Kumar	An Application of Multi-Depot Multi-Satellite Multi-Compartment Vehicle Routing Problem in Medicine Distribution		4.20 pm	4.40 pm	
ACA_29	Monalisa Masanta, S. Pal	Sustainable Supply Chain Optimization in the Digital Age: The Role of Environmental Awareness		4.40 pm	5.00 pm	
ACA_30	Sayantan Biswas, Deepjyoti Saha	A Bi-Objective Reliability and Cost Optimized Vehicle Routing Problem with Varying Traffic Flow Using Graph Neural Network-Assisted Ant Colony Optimization		5.00 pm	5.20 pm	
<b>Session -2      Date- 12-02-2026      Time- 11.30 AM-1.00 PM</b>						
ACA_31	Sushil Kumar Dey	Optimal Coordination Of A Three-Echelon Sustainable Supply Chain Under Carbon Emission Considerations	12-02-2026	11.30 am	11.50 am	CVPR
ACA_32	Subhajit Pramanick, Kaustav Kundu, Prasun Das	Influence Of Blockchain on Drug Tracing and Recall in Pharmaceutical Supply Chain		11.50 am	12.10 pm	
ACA_33	Debapriyo Basu, Prasun Das	Supply Chain Finance for Life Cycle of Msmes		12.10 pm	12.30 pm	
ACA_34	Arnab Basak, Deepjyoti Saha, Prasun Das	Reliability Constrained Cold Chain Optimization Under Demand Uncertainty for Supply of Multiple Drugs		12.30 pm	12.50 pm	
<b>Session -2      Date- 12-02-2026      Time- 11.30 PM-1.00 PM</b>						
ACA_12	Nageswara Reddy K, Anand Jacob Abraham, Akhilesh Kumar	Integrated Scheduling of Robots and A Shared Operator for Inventory Handling Tasks	12-02-2026	11.30 am	11.50 am	HGU
ACA_14	Devaroopaa Sharma, Amit Choudhury	Determining Order Splitting Policy with A Prefixed Proportion Constraint Under Stochastic Lead Times		11.50 am	12.10 pm	
ACA_15	Sunit Jana, Samarjit Kar	Blockchain-Enabled Traceability and Competitive Dynamics in A Disrupted Supply Chain Duopoly		12.10 pm	12.30 pm	