Department of Industrial and Systems Engineering
IIT Kharagpur
ICONIEA 2024 CONFERENCE (16-18 February 2024)   **Final Session-wise Paper Presentation Schedule**
V1= ISE Seminar Room   **V2 = ISE Class Room E1**   **V3 = ISE Class Room C1**   **V4 = ISE Class Room C2**   **V5 = QEDM Seminar Room**
ISE = Dept. of Industrial & Systems Engg.

Tracks	Venue	Paper ID	Full Name	Title of the Paper
Session - 1, Date- 16 Feb 2024 , Time: 02:15 PM to 4:15 PM				
EBIZ 1	V1	202330713/1	Archiman Biswas	Analysing Purchase Behaviour in Social Commerce Among India's Youth
EBIZ 2	V1	202331087/1	Madhurima Banerjee	Affinity Based Clustering for Movie Recommendation
EBIZ 3	V1	202115731/2	Anindita Priyadarsini	Brick to Click: Decoding the Dynamics of O2O Evolution in Brick-and-Mortar Stores in the Residential Neighborhoods of India.
EBIZ 4	V1	202330683/1	SANDEEP DEY	Quantification of Customer Experience in Retail Banking: A framework that would be able to quantify the customer experience from the transactional and behavioral information.
EBIZ 5	V1	202331024/1	Shikha Gupta	Decoding the Influencer's Reputation through the Instagram Reels comment
EBIZ 6	V1	202331015/1	Rajeev Kumar Ray	Exploring the use of Smartwatches in Healthcare and the Impact of Online Reviews on Purchase Decisions
Session - 1, Date- 16 Feb 2024 , Time: 02:15 PM to 4:15 PM				
HFES 1	V2	202330977/1	Amrita Ghosh	Eye-Tracking based Packaging Analysis for Toy Industry using Bayesian Belief Networks & Evidential Reasoning Approach
HFES 2	V2	202331473/1	Apurba Basumallick	Orthotic Heat-Belt design for knee joint
HFES 3	V2	202330845/1	Shivarth Rai	PCOS Diagnosis: Data-Driven Predictions and Workflow Enhancement
HFES 4	V2	202331523/1	Rupsa Bhattacharya	SELF-STABILIZED FEEDING SPOON FOR TREMORED HAND

HFES 5	V2	202331486/1	Patel Akshar Jitendrabhai	Whole body vibration analysis using FEM in public transportation
Session - 1, Date- 16 Feb 2024 , Time: 02:15 PM to 4:15 PM				
OM 1	V3	202330755/1	Samir Biswas	A Novel Heuristic Algorithm to Reduce Shifting Operations in Stowage Planning
OM 2	V3	202331089/1	Koushik Mondal	A Descriptive Study on the Growth of Unorganized Independent Pharmaceutical Retail Sector in India, presented by
OM 3	V3	202331013/1	SWARAJ BOSE	A simulation-based study of the intensity of loading-unloading operations in urban areas
OM 4	V3	202329849/1	ARUP RATAN PARAMANIK	A Take-back Mechanism for End-of-Life Tires under Extended Producer Responsibility
OM 5	V3	202331285/1	Bishal Kumar Prabhat	Coopetition Strategies for Food-Tech Companies Operating in Cloud Kitchen Model
OM 6	V3	202330955/1	Mohammed Avvad	Omnichannel retailing in India: Which retail sector is leading the channel integration and digital adoption?
Session - 1, Date- 16 Feb 2024 , Time: 02:15 PM to 4:15 PM				
ORDA 1	V4	202331545/1	Varshitha Parthiban	A Bayesian Stackelberg game approach for addressing Black Hole Attacks in Vehicular Ad-hoc Networks
ORDA 2	V4	202330831/1	Ayush Sharma	A KALMAN-FILTER BASED APPROACH TO ESTIMATE AND PROPAGATE CONGESTION DERIVED FROM SPARSE GEO-INFORMATION ALONG SPATIO-TEMPORAL DIMENSION OF TRANSPORTATION NETWORK
ORDA 3	V4	202332259	Ansh Varshney	Alzheimer's Disease Detection using Gaussian-Based Bayesian Parameter Optimization-based Deep Convolution Neural Network
ORDA 4	V4	202331014/1	ANU RAO	Securing Smart City Infrastructure: A Two-Stage Optimization Problem
ORDA 5	V4	202331548/1	Aryan Sinha	An Ensemble Machine Learning Based Model for Multiple Imputation of Categorical Data: A Case of Prediction of Injury Severity in a Coal Mine
Session - 2, Date- 16 Feb 2024 , Time: 04:30 PM to 6:30 PM				
PPEQM 1	V1	201800242/2	Dr. Shashank Thanki	Barriers to adoption of blockchain technology in Food Industry
PPEQM 2	V1	202332260	MUKESH KUMAR R	Harmonizing Human Ingenuity and Technology: Unveiling Industry 5.0 Implementation in Industries

PPEQM 3	V1	202330643/1	SAPTARSHI DAS	Reliability centered maintenance (RCM) analysis of IOT based weight data communication system using fuzzy fault tree analysis (FFTA)
PPEQM 4	V1	202330721/1	GOGUL VD	Systematic approach of lean implementation using multi-level value stream mapping - a case study
PPEQM 5	V1	202331518/1	Ranit Senapati	Uncertainty quantification of the external ballistic 6-DOF model of artillery projectile by using regression-based sensitivity analysis methods
PPEQM 6	V1	202332184	Amit Kumar Jain	Data-Centric Prognostics: Challenges and Opportunities in the Era of Industry 4.0
PPEQM 7	V1	202330414/1	Priyom Goswami	Efficient Vibration Signal Denoising Techniques for Effective Condition Monitoring of Gearbox

Session - 2, Date- 16 Feb 2024 , Time: 04:30 PM to 6:30 PM

HFES 6	V2	202331004/1	Nidhi Asthana	Enhancing Cyber Security Education in Academia: A Comprehensive Framework
HFES 7	V2	202330893/1	Prasad	Ergonomic Assessment and Intervention for Work-Related Musculoskeletal Disorders in Computer Operators and Students
HFES 8	V2	202331113/1	Vigneswaran C	ERGONOMIC EVALUATION OF WORKERS IN A SSI PUMP MANUFACTURING INDUSTRY
HFES 9	V2	202331166/1	Dharun D	Evolution of the Ergonomic Assessment methods with the advancement in technologies – A Review Paper
HFES 10	V2	202332212	Apurb Srivastava	Towards Early Parkinson's Disease Detection: A Novel RL-CNN Based Approach
HFES 11	V2	202330848/1	Khushi Chandra	Tailoring Healthcare Insurance Premiums: An In-Depth Exploration of Unconventional Risk Factors

Session - 2, Date- 16 Feb 2024 , Time: 04:30 PM to 6:30 PM

OM 7	V3	202330847/1	Aryaman Singhi	Agricultural Data Analysis in India: Insights for Informed Decisions, Sustainability, and Food Security.
OM 8	V3	202330983	Rony Mitra	Revolutionizing Sales Forecasting in Quick-Service Restaurants using Hybrid Deep Learning Models
OM 9	V3	202330676/1	Pachayappan	Drone Logistics Model for last-mile pickup and delivery operations
OM 10	V3	202331240/1	MANDAR PRAKASH ASWALE	Inventory Management using Forecasting Techniques: Case Study of an Electronics Shop

| OM 11 | V3 | 202330696/1 | Atharva Kadne | Materials for the Future: A Comprehensive Exploration of Sugarcane Fibres in the Context of Automotive Interior Sustainability. |
| OM 12 | V3 | 202331512/1 | Divya Zindani | q-Rung Orthopair Lance Distance TODIM approach for Sustainable Supplier Selection |

Session - 2, Date- 16 Feb 2024 , Time: 04:30 PM to 6:30 PM

ORDA 6	V4	202330616/1	Neha Patel	Comparative Analysis of Image Extraction and Deep Learning Techniques for Effective Chatter Classification of Cutting Tools.
ORDA 7	V4	202330966/1	Abhishek Kumar	Social Media Sentiment Analysis of Impacts of COVID on Mothers and Children
ORDA 8	V4	202330030/1	Shruti Agrawal	Deep Reinforcement Learning based Protein Engineering for Cancer Drug Discovery
ORDA 9	V4	202328858/1	Suraj Gupta	Explainable AI-Driven LSTM Approach for Predicting Remaining Useful Life of Turbofan Engine
ORDA 10	V4	202330357/2	Tushar Sinha	Flux Optimization Model- a digital intervention to reduce carbon rate

Session - 3, Date- 17 Feb 2024 , Time: 02:15 PM to 04:15 PM

PPEQM 8	V1	202330969/1	Shekhar Shukla	A value-focused thinking-based approach for assessing Blockchain based transformation in Food Security
PPEQM 9	V1	202331536/1	Dr Prathvi Thumbe Narasimha	ANALYZING THE RELATIONSHIP BETWEEN DIMENSIONS AND INDICATORS RELATED TO SEAPORT SUSTAINABILITY PERFORMANCE
PPEQM 10	V1	202330868/1	NIKHIL SHARMA	Anomaly Detection and Alert Mechanism for Bearing Faults Identification in Industry
PPEQM 11	V1	202330987/1	Siddharth Shankar Das	CrowdISEntrY:Intelligent Object Entry-Exit Counting Framework and Comparative Analysis in CCTV and Drone Surveillance,It proposes a novel method for precise object counting in CCTV and drone videos
PPEQM 12	V1	202331987/1	Neel Lohit Dutta Gupta	Enhancing Mechanical Properties of Basalt Fiber Composites with Clamshell Filler
PPEQM 13	V1	202331544/2	SINGARAVEL B	Mechanical performance study and process parameters optimization on FDM process using hybrid Taguchi and MCDM method

Session - 3, Date- 17 Feb 2024 , Time: 02:15 PM to 04:15 PM

| HFES 12 | V2 | 202331012/1 | Sparsho chakraborty | The Empathy Device |

HFES 13	V2	202330939/1	PRINCY VERMA	XAI's Potential in Reshaping Mental Health: A Review
HFES 14	V2	202330937/1	Saptarshi Das	Convergent Technologies Empowering Human-Computer Interaction in Programmable Logic Controllers for an affordable industry 4.0 integration
HFES 15	V2	202330678/1	V ROHITH	EARLY DETECTION OF HAVS IN FOUNDARY WORKERS USING LINEAR SUPPORT VECTOR MACHINE – A MACHINE LEARNING APPROACH
HFES 16	V2	202331163/1	Sanjay Kumawat	Effects of Schoolbag Design on Biomechanics: Considerations for Backpack Straps, Dimensions, and Carrying Methods: An Review based Research
HFES 17	V2	202330965/1	MONALISA MASANTA	Analyzing a Closed-loop Green Supply Chain under Some Human Factors
HFES 18	V2	202330752/1	SUDHIR KUMAR SINGH	Ergonomic Assessment and Workstation Design for Industrial Shop-floor Workstations
Session - 3, Date- 17 Feb 2024 , Time: 02:15 PM to 04:15 PM				
ORDA 11	V3	202328503/1	Akshay Tanaji Bhosale	Optimal Resource Allocation for Multitarget Attacker-Defender Game against Cyber-Attack in Connected and Autonomous Vehicles
ORDA 12	V3	202331105/1	DESIGAN S	Smart Grid : Communication Complex Reduction in Federated Learning
ORDA 13	V3	202330846/1	Medhaj Dubey	Exploring the Economic Viability of Geographic Business Investment Using Real Estate Data and Hedging Strategies - Helps identify key features leading to success in real estate
ORDA 14	V3	202330852/1	Satanik Mitra	Transformers-Based online news categorization with Imbalanced data
ORDA 15	V3	202329914/1	DEEPAK KUMAR KUSHWAHA	Modeling and optimizing multi-commodity, multi-depot pickup and delivery problems to satisfy military transportation requirement
Session - 3, Date- 17 Feb 2024 , Time: 02:15 PM to 04:15 PM				
ORDA 16	V4	202330982/1	Thiruppathi K	Experimental Study of Malicious IoT node detection using Support Vector Machine
ORDA 17	V4	202330622/1	Praveena v	MUTATION BASED GENETIC INHERITANCE DISORDER PREDICTION USING ENHANCED LIGHT GRADIENT BOOSTING MACHINE (LIGHTGBM)
ORDA 18	V4	202330723/1	ENUGALA RAJITHA	A Deep Learning-Based Android Malware Detection on Imbalanced Dataset
ORDA 19	V4	202331455/1	Saptadeep Biswas	A Spherical Fuzzy-MARCOS-based Decision-Making Model for Optimizing UAV Landing Zone Selection and Payload Delivery

ORDA 20	V4	202330691/1	Veeramani	Artificial Intelligence Enabled Thinkable Firewall Design
ORDA 21	V4	202331027/1	Chandra Mohan Bhuma	Learning

Session - 4, Date- 17 Feb 2024 , Time: 04:30 PM to 06:30 PM

PPEQM 14	V1	202331472/1	R Shenbagam	On a cost analysis of extended warranty with imperfect repair using phase type quasi-renewal processes
PPEQM 15	V1	202330697/1	SVV Ramana	PREDICTING THE PERFORMANCE OF ALTERNATE SITES FOR DEPLOYMENT OF SOLAR POWER PLANTS MULTI CRITERIA DECISION SUPPORT SYSTEM
PPEQM 16	V1	202330649/1	ANWESA KAR	A Neutrosophic DEMATEL-ANP- Neural Network-based Six Sigma Evaluation Approach for Sustainable Supplier Selection
PPEQM 17	V1	202331025/1	RAMA KURTHI VEERA BABU	A Blockchain-Based Framework for Electronic gadget Life Cycle Tracking: A Catalyst for Reverse Logistics
PPEQM 18	V1	202331540/1	Saptarshi Das	IoT based low cost vibration test jig for accelerated testing of railway brake slack adjuster

Session - 4, Date- 17 Feb 2024 , Time: 04:30 PM to 06:30 PM

HFES 19	V2	202330753/1	Yakkala Siva Sai Sree	AETOS ANGELOS: A keen Perception Alert System
HFES 20	V2	202331391/1	Ankit Kar	Air Quality Monitoring with IoT Based Blimp
HFES 21	V2	202330994/1	Rahul Golder	A Unsupervised and Interpretable Novel Pipeline for understanding hazardous events
HFES 22	V2	202327845/3	GOURAB KUMAR BAGCHI	Advancing Safety in Petrochemical Enterprises: Intelligent HAZOP Analysis and Risk Mitigation Using Data Mining and Automation
HFES 23	V2	202330996/1	Mohd Shabbar Khan	Demographic Factors and Heart Failure: Exploring the Impact of Age, Gender, and Smoking Habits
HFES 24	V2	202331507	Mohammed Rajik Khan	Subjective health complaints and associated risk factors among academicians
HFES 25	V2	202332417	PRASANNAA EZHILAN VG	Ergonomic analysis of the cockpit layout design for civil aviation aircraft using RULA, Reach, and Vision.

Session - 4, Date- 17 Feb 2024 , Time: 04:30 PM to 06:30 PM

OM 13	V3	202331307/1	Santanu Banerjee	Green Integration as a new dimension of Supply Chain Classification for Strategic Analyses and Emission Control: A MILP approach
OM 14	V3	202331547/1	Shikha Dwivedi	Fault prediction of Large-Scale Software using Gated Recurrent Unit
OM 15	V3	202329467/2	Debapriya Basu	Designing an EV Supply Chain incorporating Supply Chain Finance
OM 16	V3	202331339/1	Avishek Pandey	Optimizing Non-Cooperative Production Planning in Parallel Machine Scheduling: A Stackelberg Game-Theoretic Approach
OM 17	V3	202331033/1	Subhajit Pramanick	Impact of Blockchain on a hybrid supply chain system considering information transaction costs
OM 18	V3	202330971/1	Dr Sushil Kumar Dey	Impact of Digital and Greening Investment Strategies in a Three-stage Supply Chain
Session - 4, Date- 17 Feb 2024 , Time: 04:30 PM to 06:30 PM				
OM 19	V4	202330984/1	Jai Prakash Kumar	Optimizing packaging efficiency in fast-moving consumer goods industry-Multivariate approach
OM 20	V4	202220418/2	Namrata Mohanty	Improved Electric Vehicle Battery State of Health Estimation Using Hybrid Models
ORDA 22	V4	202330412/1	M Ravinder	Enhancing Energy Consumption Prediction in Household Multivariate Time Series Data: A Recursive Feature Elimination and LSTM-Keras Approach
ORDA 23	V4	202331514/1	Nimitha Aboobaker	Sustainable Green Choices: Text Mining Customer Reviews for Cloth Diaper Solutions
ORDA 24	V4	202330733/1	PUJARI VENKATA YESWANTH	Twenty Fold Protracted Residual Network (TFPRN) for rice grain type detection
ORDA 25	V4	202332483/1	B SUDARSAN PATRO	DAILY RAINFALL PREDICTION USING RECURRENT NEURAL NETWORK
Session - 5, Date- 18 Feb 2024 , Time: 09:00 AM to 11:00 AM				
MSS 1	V5	202330663/1	Tarun Kanti Jana	A Machine Tool Digital Twin to implement smartness in discrete production environment
MSS 2	V5	202220638/3	MD ZEYAUL HODA	Automated Scrap Inspection System to Classify Scrap Types and Detect Unwanted Scrap Materials in Steel Industries
MSS 3	V5	202330886/1	Aditya Gautam	Case Study: Industrial Fan's Condition Monitoring Using LSTM Autoencoder in Steel Plant

MSS 4	V5	202330690/1	Shekhar Shukla	Metaverse And Digital Twin: Addressing a Decision Analysis Dilemma
MSS 5	V5	202330974/1	Prerna Dongre	Metaverse Retail: Fostering Community and Social Interaction in Virtual Shopping Environments

Session - 5, Date- 18 Feb 2024 , Time: 09:00 AM to 11:00 AM

ORDA 26	V2	202330851/1	Yogesh Haribhau Kulkarni	Large Language Model for Computing Midcurve of a Thin Polygon
ORDA 27	V2	202331029/1	Shubham Suresh Sadhwani	Paddy crop image classification using advanced deep learning models
ORDA 28	V2	202330926/1	Rajesh Nayak	QR Code-based Anomalous Power Consumption Detection: This work proposes a 2-dimensional Convolutional Neural Networks (2DCNN) to classify anomalous power consumption using QR codes.
ORDA 29	V2	202330668/1	Nithin Yanna	RESNET based Crop Disease Detection models using CNN
ORDA 30	V2	202330850/1	Sunit Jalan	Leveraging Sentiment Analysis in Business: A Case Study on Product Reviews
ORDA 31	V2	202332479/1	Smita Gholkar	Challenging the Dynamics of Time: Evaluating Real-World based Time Series Data Generation

Session - 5, Date- 18 Feb 2024 , Time: 09:00 AM to 11:00 AM

ORDA 32	V3	202332372/1	Nachiket Dhananjay Vyawahare	Optimal Surface Water Allocation from KRS Dam: Assessment of Impacts on Agriculture and Domestic Sectors, presented by
ORDA 33	V3	202330993/1	Shashidhar Kundagol	Optimal Location of Ambulances in Urban Area: A Comparative Analysis of Survival Ambulance Location Model with Traditional Coverage Model
ORDA 34	V3	202331441/1	Ritwik Dash	Enhancing Real-Time Short Text Stream Clustering with Word Embeddings
ORDA 35	V3	202331506/1	Saurabh	Tungsten Inert Gas (TIG) Welding Defects Classification using Convolutional Neural Networks
ORDA 36	V3	202328522/2	Manish Pandit	Track 1 Operation Research and Data Analytics/Optimum Mother Wavelet for Multi-Stage Gearbox through Soft and Hard Thresholding Denoising method under Varying Speed and Loads
ORDA 37	V3	202328521/2	Vikram Kumar Gupta	Multivariate Process Quality Control of Additive Manufactured Spur Gear based on Principal Component Analysis
ORDA 38	V3	202330967/1	Sesetty Shanmukha Sai Vardhan	Machine Learning for Sensor-Based Anomaly Detection and Classification in Industrial Automation

Session - 5, Date- 18 Feb 2024 , Time: 09:00 AM to 11:00 AM					
ORDA 39	V4	202331055/1	Evelyn Arrey	Formulating and Solving an Assignment Problem to Aid in Health Aid Scheduling
ORDA 40	V4	202331053/1	John McCarty	Towards Data-Driven Organizational Risk Metrics and Optimization
ORDA 41	V4	202331054/1	Ramiro Rodriguez Buno	Experimental Design Problems for Synthetic Data Generation to Train Visual Inspection Systems
ORDA 42	V4	202330953/1	Mudang Tagiya	Supplier Innovativeness and Sustainable Performance in the Hospitality Industry: A Mediation Role of Supply Chain Integration
ORDA 43	V4	202331044/1	Arunava Sarkar	Data-Driven Approach for Sensor-Based Anomaly Detection in Industrial Automation
ORDA 44	V4	202331954/1	Emily S Patterson	Prioritization Integration Dashboard to support detection of erroneously delayed urgent medications enhances system resilience