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Awards - 2026 IEOM India Conference

Industrial Engineering and Operations Management Conference

Theme: Bridging Grassroots Innovation with Global Operational Excellence

Bangalore, Karnataka, India, November 5-7, 2026

Venue: FKCCI, Bangalore and BESTIU Campus

Federation of Karnataka Chambers of Commerce and Industry (FKCCI), Bangalore

Bharatiya Engineering Science and Technology Innovation University (BESTIU), Gownivaripalli, Gorantla, Anantapur District, Andhra Pradesh, India

Fellows
Dr. Muthu Mathirajan, Chief Research Scientist / Professor , Department of Management Studies, Indian Institute of Science, Bangalore, India
Dr. SM Qutubuddin, Professor, Industrial and Production Engineering, PDA College of Engineering, Kalaburagi, Karnataka, India

Distinguished Visionary Leadership Award in Higher Education
Dr. Rupa vasudevan
Chancellor, BESTIU

Distinguished Honour for Excellence in Institutional Development and Educational Leadership
Mr. Bharat Lal Meena
Chairman, BESTIU

Distinguished Award for Academic Leadership and Institutional Advancement
Dr. K. Nagajyothi
Vice-Chancellor, BESTIU

Distinguished Award for Excellence in Scientific Research and Innovation
Dr. Ashutosh sharma
Scientific Chair, CFT
BESTIU

Distinguished Award for Excellence in Technology and Innovation Management
Mr. Balakrishna L
Director, CFT
BESTIU

Distinguished Award for Excellence in University Governance and Administration
Dr. Immanuel Anupalli
Registrar, BESTIU

Distinguished Award for Excellence in Academic Administration and Educational Quality Enhancement
Dr. Ramgopal Mopuri
Dean Academics, BESTIU

Excellence in International Collaboration and Global Engagement Award
Mr. Nitin Somvanshi
Director, International Affairs, BESTIU

Academic Leadership Award
Dr. Prakash Divakaran
Vice Chancellor and Professor
Himalayan University
Itanager, AP, India

Dr. K.N. Subramanya
Principal & Professor, Department of Industrial Engineering and Management
RV College of Engineering, Mysuru Raod, Bengaluru

Advanced Manufacturing Innovation Award
Dr. Muralidhar Lakkanna, PhD
Executive Director (Technical)
Prime Tooling, Bengaluru, India

Industrial Innovation Award
Siddhesh Suryakant Dongare
Technical Product Manager - Data & AI Solutions / Open Finance
Mastercard Open Finance (Finicity)

Outstanding Graduate Research Award
Gopi R
Doctoral Researcher
Department of Mechanical Engineering
Indian Institute of Technology (BHU) Varanasi, India

Outstanding Researcher Award
Dr. Ashwani Kumar
Professor and Head of Department Mechanical Engineering
Technical Education Department (under Government of Uttar Pradesh), Kanpur, UP, India

Outstanding Researcher Award
Prof. Abid Haleem
Jamia Millia Islamia

Outstanding Student Academic Excellence Award
Madhav Laroyia
B.Tech Agricultural Engineering
Punjab Agricultural University, Ludhiana
India

Outstanding Professor Award in Lean Six Sigma
Dr. G.V. Prabhushankar
Professor and Head, Department of Industrial Engineering and Management
Siddaganga Institute of Technology, Tumakuru, Karnataka, India

Outstanding Professor Award – Manufacturing
Dr. Prashant G. Kamble
Professor
Industrial & Production Engineering
P.D.A. College of Engineering, Kalaburagi, Karnataka, India

Outstanding Professor Award
Prof. Hakimuddin A. Hussain
Professor, College of Agricultural Science and Applied Research
Bharatiya Engineering, Science & Technology Innovation University (BESTIU), Bangalore, India

Venu BN
Professor, College of Agricultural Science and Applied Research
Bharatiya Engineering, Science & Technology Innovation University (BESTIU), Bangalore, India

Shaik Chandini Banu
Professor, School of Engineering and Applied Technology
Bharatiya Engineering, Science & Technology Innovation University (BESTIU), Bangalore, India

Distinguished Educator Award
Dr. Sharath Kumar K. M.
Dean and Professor
Faculty of Management and Commerce
M S Ramaiah University of Applied Sciences
Gnanagangothri Campus, New BEL Road, MSR Nagar, Bangalore

Muni Babu Mummela
Dean, School of Engineering and Applied Technology
College of Agricultural Science and Applied Research
CMR Institute of Technology, Hyderabad

Ganesh Kumar Rai, Dean, School of Arts and Management Studies
Bharatiya Engineering, Science & Technology Innovation University (BESTIU), Bangalore, India

Vandana
Dean, College of Agricultural Science and Applied Research

Academic Leadership Award
Dr. K.S. Zakiuddin, Principal, Anjuam College of Engineering and Technology, Nagpur

Outstanding Woman in Industry and Acadmeia Award
Dr. Chandra Sen Mazumdar
Head, Department of Management Studies and Associate Professor at the Faculty of Management & Commerce (FMC), Ramaiah University of Applied Sciences (RUAS), Bengaluru, India

Ojas Bhandarkar, B Tech, MIIE
First Officer and Commercial Pilot
IndiGo
Mumbai, Maharashtra, India

Innovation Award
Dr. Zahoorullah. S. MD
Chief Innovation Officer,
Atal Incubation Centre ALEAP WEHUB,
Supported by AIM NITI Aayog GOI

Outstanding IEOM Student Chapter Award

1. Anjuman College of Engineering & Technology, Nagpur, Maharashtra India
2. Hyderabad Institute of Technology and Management, Hyderabad, Telangana, India
3. Muffakham Jah College of Engineering and Technology, Hyderabad, Telangana, India
4. Siddaganga Institute of Technology, Tumakuru, Karnataka, India

Outstanding IEOM Student Chapter Faculty Advisor Award

Dr. Ruhina Quazi, IEOM Student Chapter Faculty Advisor
Anjuman College of Engineering & Technology, Nagpur, India

Mr. Praveen Pagidipalli, IEOM Student Chapter Faculty Advisor
Hyderabad Institute of Technology and Management, Hyderabad, India

Dr. G. Sailaja, IEOM Student Chapter Faculty Advisor
Muffakham Jah College of Engineering and Technology, Hyderabad, Telangana, India

IEOM Outstanding Student Award
Mohsin Ahamed Abdul Salam Malik
Student, Anjuman College of Engineering & Technology

Outstanding IEOM Contributor Award
Gaddi Deepak
Treasurer
Hyderabad Institute of Technology and Management (HITAM)

Outstanding IEOM Student Volunteer / Contributor Award.
S.M. Hasanuddin

Computer Science and Engineering
Methodist College of Engineering and Technology
Hyderabad, Telangana, India

Outstanding IEOM Student Volunteer Award
Umaira Shahneen Khan
Research Scholar, Sharnbasva University
Kalaburagi, India

Outstanding IEOM Student Chapter Advisor Award
Dr Arvind S
Principal
Hyderabad Institute of Technology and Management (HITAM)

Dr. Mohammed Viquar Mohiuddin,
Professor and Head, Mechanical Engineering,
Muffakham Jah College of Engineering and Technology, Hyderabad, India

Emerging Researcher Award
Aditya Ranjan
Research Scholar – Marketing Management
Vinod Gupta School of Management, IIT Kharagpur

Competition Winners

High School STEM Competition – Onsite

First Place
ID 118 Eco Guard: An AI-Driven Participatory Framework for Real-Time Environmental Hazard Detection and Geospatial Visualization
Aaliya Aadiya, Independent Researcher and Student Developer, BGS National Public School, Hulimavu, Bengaluru, India

Second Place
ID 309 ML-KEM on 32 KB SRAM IoT Devices: Post-Quantum Security for Constrained Environments
Shravan Cinthamani Shankar Hari, Independent Researcher, OWIS Bengaluru, Bengaluru, India

Third Place
ID 119 AuriSign: A Deep Learning-Based Real-Time Sign Language Recognition System Using VGG16 and MediaPipe Landmark Fusion
Aaliya Aadiya, Independent Researcher and Student Developer, BGS National Public School, Hulimavu, Bengaluru, India

Master's Thesis Competition - Onsite

First place
ID 414 A Multimodal AI Framework for Exploring Depression-Related Signals in Social Media Text and Facial Expressions
Umaira Shahneen, Research Scholar, Sharnbasva University, Kalaburagi, India
Anand N. Patil, Professor, Artificial Intelligence and Data Science, Sharnbasva University, Kalaburagi, India

Second Place
ID 233 Estimating the Environmental Burden of Medical Textile Waste Using Deep Learning with Uncertainty Quantification
Shraddha Shukla and Cherian Samuel, School of Decision Sciences and Engineering, Indian Institute of Technology (BHU), Varanasi, Uttar Pradesh, India

Poster Competition - Onsite

First Place
ID 88 Elucidation of Potential Broad-Spectrum Antiviral Phytochemicals Targeting Viral RdRp: An inSilico Approach
Spishow Roy Chowdhury, High School Student, The Cambridge School, Kolkata, West Bengal, India
Rania Indu, Department of Pharmaceutical Technology, JIS University, West Bengal, India
Dipjyoti Dey, Academy of Life Science, Kolkata, West Bengal, India

Second Place
ID 413 Design and Experimental Evaluation of a Frame-Coupled Changpa Backstrap Loom for Warp-Tension Load-Path Redirection
Ronav Pai Panemangalore, Grade 11, Mallya Aditi International School, Bengaluru, Karnataka, India
Shivashankar, Guide, BMS College of Engineering, Bengaluru, Karnataka, India

Third Place
ID 460 CROP-CYCLE-MaaS: An Integrated Machinery-as-a-Service Framework for Coordinating Agricultural Operations Across the Complete Crop Production Cycle
Madhav Laroyia, College of Agricultural Engineering & Technology, Punjab Agricultural University, Ludhiana, Punjab, India

Undergraduate Research Competition sponsored by Daikin Applied - Onsite

First Place
ID 232 Biology and Artificial Intelligence in India's Digital Governance
S. Trishaa, Student, Bachelor of Science in Computer Science (Honours), Birla Institute of Technology and Science, Pilani, Rajasthan, India

Second Place
ID 35 Assessing Safe Separation Distances for Worker Housing Near Ammonia-Handling Facilities in India: A Gaussian Plume Dispersion Approach
Janhavi Singh, Department of Mechanical Engineering, Dayalbagh Educational Institute, Agra, India

Undergraduate Student Paper Competition sponsored by Siemens - Onsite

First Place
ID 181 Oil Import Dependence: Macroeconomic Drivers and Energy Security
Snehal Sharma, 3rd Year UG Student Department of Chemical Engineering, SV National Institute of Technology (SVNIT) Surat, Gujarat, India
Magesh Nagarajan, Associate Professor, School of Management and Entrepreneurship Indian Institute of Technology Jodhpur (IITJ) Jodhpur, Rajasthan, India

Second Place
ID 179 Smart Campus Student Management and Monitoring System
Khwaja Ramizuddin, Ilhum Akhtar, Shuanshu Nandeshwar, Sakshi Meshram and Iqra Anam Firoz Khan, Department of Electronics & Telecommunication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India

AI-ML Competition - Online

First Place
ID 283 Counterfactual Explainable AI for Computer-Vision-Based Ergonomic Risk Validation in Industrial Operations
Syeda Afeefa Fatima, Student, PDA College of Engineering, Kalaburagi, India
Syeda Midhath Javeria, Student, Ballari Institute of Technology & Management, Ballari, India
Umaira Shahneen, Research Scholar, Sharnbasva University, Kalaburagi, India
S.M. Hasanuddin, Student, Methodist College of Engineering and Technology, Hyderabad, India
Ayesha Fatima, Student, Stanley College of Engineering and Technology for Women, Hyderabad, India
Qutubuddin Syed Mohammed, Professor, Industrial & Production Engineering, PDA College of Engineering, Kalaburagi, India

Second Place
ID 201 Responsible AI Governance Framework for Intelligent Enterprises
Sanjeeve Kumar Gajadi, SAP Enterprise Architect, HCLTech, Bengaluru, India

Third Place
ID 320 A Human-in-the-Loop Reinforcement Learning Framework for Personalized Ergonomic Risk Mitigation Using Wearable IMU Sensors
Umaira Shahneen, Research Scholar, Sharnbasva University, Kalaburagi, India
Qutubuddin Syed Mohammed, Professor, Industrial Production & Engineering, PDA College of Engineering, Kalaburagi, India
Syeda Afeefa Fatima, Student, PDA College of Engineering, Kalaburagi, India
S. M. Hasanuddin, Student, Methodist College of Engineering & Technology, Hyderabad, India

Undergraduate Research Competition sponsored by Daikin Applied - Online

First Place
ID 268 Predicting Residential Solar Energy Systems Adoption Intentions: A TPB - TAM Predictive Framework
Kreselle Anne J. Abello, Jerylle Alexa D. Allic, Allizza M. Añonuevo, Czeckinah Grace B. Bautista, Jerianne Margarette P. Maramba, Charlene E. Marasigan, Mark Aaron V. Mendoza, Rob Rain R. Rio and Maricar M. Navarro, Industrial Engineering Program, College of Engineering and Architecture, Technological Institute of the Philippines, Quezon City, Philippines

Second Place
ID 246 Cash Vs E-Wallets in the Philippines: A Comparative Performance Analysis of Payment Methods Among Filipino Millennials and Generation Z
Carlos Ignacio Lugay Jr., PhD, PIE, ASEAN Engr., UST - Faculty of Engineering - Faculty Member, Department of Industrial Engineering University of Santo Tomas, Manila, Philippines
Rogianna Nicolei Isidro, Isabela Clarisse Lucero and Irish Nicole Minerales, 4th Year Faculty of Engineering Students, Department of Industrial Engineering, University of Santo Tomas, Manila, Philippines

Undergraduate Student Paper Competition sponsored by Siemens – Online I

First Place
ID 270 Development of a Solar PV Consumer Decision Readiness Framework in the Philippines Using Partial Least Squares Structural Equation Modeling

Ziane Gabrielle C. Banua, Onoda Kenshee B. Edades, Angel Faye O. Encarnacion, Nicole Andrea C. Gamot, Kirsten Garcia, Faith Porcelo and Maricar M. Navarro, Industrial Engineering Program, College of Engineering and Architecture, Technological Institute of the Philippines, Quezon City, 1109, Philippines

Second Place
ID 54 A Model for Improving Production Plan Compliance in the Spinning Department Through the Implementation of 5S and SMED in a Textile Manufacturing Company
Fabiana Cielo Espinoza-Cabrera, Carrera de Ingeniería Industrial, Universidad de Lima, Lima, Perú
Yadira Hurtado-Zegarra, Carrera de Ingeniería Industrial, Universidad de Lima, Lima, Perú
Jorge Antonio Corzo-Chavez, Carrera de Ingeniería Industrial, Universidad de Lima, Lima, Perú
Javier M. Catillo-Tejada, Carrera de Ingeniería Industrial, Universidad de Lima, Lima, Perú

Third Place
ID 230 Promoting Inclusivity in Learning the Electronics Subject at the Undergraduate Level
S. Trishaa, Student, Bachelor of Science in Computer Science (Honors), Birla Institute of Technology and Science, Pilani, Rajasthan, India

Undergraduate Student Paper Competition sponsored by Siemens – Online II

First Place
ID 399 Lightweight Windows-First Multi-Host Orchestration System Using Go and Docker
Manish Assudani, Abu Hurairah, Sarahan Sheikh, Sayyed Fardeen, Mohammad Salman, Krish Gajbhiye and Syed Eltefatuddin, Department of Computer Science & Engineering, Anjuman College of Engineering & Technology, Nagpur, Maharashtra, India

Second Place
ID 51 Management Model to Reduce Waste Based on Work Standardization, Preventive Maintenance and Poka-Yoke in a Nonwoven Geotextile Manufacturer
Paula Soleil Bernuy-Ramos and Valeria Vanini-Valle, Carrera de Ingeniería Industrial, Universidad de Lima, Lima, Perú
Jorge Antonio Corzo-Chavez and Javier M. Castillo-Tejada, Research Professors, Carrera de Ingeniería Industrial, Universidad de Lima, Lima, Perú

ID 52 Lean Manufacturing Model to Increase Hatching Rate in Breeder Egg Incubation
Nassim Mahuad-Escardo, Rodrigo Israel De Souza-Seclen, Jorge Antonio Corzo-Chavez and Javier Miguel Castillo-Tejada, Carrera de Ingeniería Industrial, Universidad de Lima, Lima, Perú

Third Place
ID 200 Artificial Intelligence-Enabled Autonomous Surveillance Robots for Real-Time Security Monitoring
Mohsina Anjum, Assistant Professor, Anjuman College and Engineering and Technology (ACET), Nagpur, Maharashtra, India
Mohammad Faham Khan, Priyanshu Rangari, Saniya Yashvant Meshram and Tania Khatun Sheikh, Students, Anjuman College and Engineering and Technology (ACET), Nagpur, Maharashtra, India

High School STEM Competition - Online

First Place
ID 7 A Mathematical Framework for Student Support: Measuring Bias, Fairness, and Cooperation Using Game Theory
Aarav Singla, Class 11 Student, GD Goenka Public School, Gurgaon, Haryana, India
Advik Gupta, Class 10 Student, Queen Elizabeth Boys School, London, United Kingdom

Second Place
ID 170 NeoGuard: Design and Long-Duration Evaluation of a Fault-Aware, Offline-First Low-Cost Retrofit Monitoring Architecture for Neonatal Enclosures
Suryansh Sharma, DPS Greater Noida, Greater Noida, India

Third Place
ID 93 An Adaptive Horizon Graph-Traversal Framework for Micro-Logistics: Overcoming Heuristic Calculation Overhead under Dynamic Urban Bottlenecks
Leshan Palani, Student, Heartfulness Omega International School (formerly LMOIS), Chennai, Tamil Nadu, India

Doctoral Dissertation Competition sponsored by Airbus

First Place
ID 221 The INSPIRE Scale: A New Measure of Empathy, Inspiration, and Prosocial Engagement
Nuzhath Begum (PhD Scholar, B.E.S.T.I.U) and Amita Puri, Gwinnett County public school, GA. United States

Second Place
ID 331 Encroachment in Retail Supply Chains: Operational, Behavioral, and Market Perspectives
Faizul Haque, Assistant Professor, FLAME School of Business, FLAME University, Pune, Maharashtra, India

Graduate Student Paper Competition sponsored by Eaton Corporation - Online

First Place
ID 305 Discrete Event Simulation of an Integrated Tissue Culture Greenhouse Aeroponic System for Producing Flowering Size Saffron Corms

Ghazalah Parween Khan, MBA Technology Student, School of Management and Entrepreneurship, Indian Institute of Technology Jodhpur (IITJ), Jodhpur, Rajasthan, India
Magesh Nagarajan, Associate Professor, School of Management and Entrepreneurship, Indian Institute of Technology Jodhpur (IITJ), Jodhpur, Rajasthan, India

Second Place
ID 279 Success Factors and Barriers in Smart Retrofitting for Manufacturing: A Triangulated, Dimension-Based Multi-Criteria Decision-Making Analysis with Industry Insights
Aryan Narula, Author, Postgraduate Diploma Student (2025-2026), FLAME University, Pune, Maharashtra, India
Aditi Joshi, Faculty Mentor, Department of Operations and Analytics, FLAME University, Pune, Maharashtra, India
Debraj Bhattacharjee, Subject Matter Expert, Department of Business Analytics, FLAME University, Pune, Maharashtra, India

Third Place
ID 137 Design and Development of An Esp32-Based Intelligent Health Monitoring System
Mohammad Nasiruddin, Associate Professor, Department of Electronics and Telecommunication Engineering, Anjuman College of Engineering & Technology, Nagpur, Maharashtra, India
Firdous Anan Shaikh, MTech Student, Department of Electronics and communication Engineering, Anjuman College of Engineering & Technology, Nagpur, Maharashtra, India

Human Factors and Ergonomics Competition - Online

First Place
ID 422 Applying Lean Six Sigma to Process Improvement in a Public Hospital Outpatient Department in Thailand
Suphankanlaya Kaiyatha, Student, Program in Industrial Engineering, Department of Industrial Engineering, Faculty of Engineering, Chiang Mai University, Chiang Mai, Thailand
Rungchat Chompu-inwai, Department of Industrial Engineering, Faculty of Engineering, Chiang Mai University, Chiang Mai, Thailand

Second Place
ID 284 Computer-Vision-Based Automated Ergonomic Checklist Scoring and Posture Assessment for Workplace Safety Optimization
Syeda Afeefa Fatima, Student, PDA College of Engineering, Kalaburagi, India
Syeda Midhath Javeria, Student, Ballari Institute of Technology & Management, Ballari, India
Umaira Shahneen, Research Scholar, Sharnbasva University, Kalaburagi, India
S.M. Hasanuddin, Student, Methodist College of Engineering and Technology, Hyderabad, India
Saheba Aijaz, Student, Stanley College of Engineering and Technology for Women, Hyderabad, India
Qutubuddin Syed Mohammed, Professor, Industrial & Production Engineering, PDA College of Engineering, Kalaburagi, India

Third Place
ID 273 SkinSense AI – Skin Disease Detection and Care Assistant
Tirupati M Gosukula, Associate Professor, Department of Electronics and Telecommunication, Anjuman College of Engineering and Technology Nagpur, Maharashtra, India
Rajeshwari S Rampure, M. Tech Student, Department of Electronics and Communication, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India

Master Thesis Competition - Online

First Place
ID 136 AI-Driven Precision Farming for Crop Health Assessment and Resource Management
Tirupati M Gosukula, Associate Professor, Department of Electronics and Telecommunication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India
Sakshi Ganesh Lade, M. Tech. Student, Department of Electronics and Communication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India

Second Place
ID 122 Faunistic Diversity and Taxonomic Studies of Syrphid Flies in Different Agro-Ecosystems
Katta Subramanya Sai Teja, Department of Entomology, College of Agriculture & Applied Research, Bharatiya Engineering Science & Technology Innovation University, Gorantla, Satya Sai, Andhra Pradesh, India

Senior Design Project / FYP Competition - Online

First Place
ID 134 Plant Disease Detection System Using Lightweight Deep Learning Model
Mohammad Nasiruddin, Associate Professor, Department of Electronics and Telecommunication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India
Gayatri Ravindra Bajirao, M.Tech. Student, Department of Electronics and Communication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India

Second Place
ID 437 WildConnect: A Centralized Digital Platform for Wildlife Tourism Planning and Management
Imteyaz Shahzad, Sheikh Shumail Yunus, Parth Nirmalchandra Gautam, Ayush Sunil Lawatre, Aryan Ravindra Motghare and Shubham Chandrabahadur Yadav, Department of Computer Science and Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India

Third Place
ID 146 Autonomous Vacuum Robot
Ruhina Quazi, Department of HOD, Department of Electronics and Telecommunication, Anjuman College of Engineering & Technology, Nagpur Maharashtra, India
Prem. L. Bamnele, Department of Electronics and Telecommunication, Anjuman College of Engineering & Technology, Nagpur Maharashtra, India

Simulation Competition - Online

First Place
ID 143 Retinal Disease Detection for Diabetic Retinopathy Screening Using Image Processing
Ruhina Quazi, Associate Professor, Department of Electronics and Telecommunication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India
Vinay Eknath Koche, M. Tech Student, Department of Electronics and Communication Engineering, Anjuman College of Engineering & Technology, Nagpur, Maharashtra, India

Second Place
ID 135 A Multi-Level Prediction Framework of Driving Behavior Using Machine Learning: A Systematic Literature Review
A.S. Khan, Professor, Department of Electronics and Telecommunication Engineering, Anjuman College of Engineering & Technology, Nagpur, Mahrashtra, India
Vaidehi Kuldiwar, M. TECH Student, Department of Electronics and Communication Engineering, Anjuman College of Engineering & Technology, Nagpur, Mahrashtra, India

Supply Chain and Logistics Competition - Online

First Place
ID 53 A Logistics Management Model to Improve Inventory Turnover Using Holt-Winters, Inventory Policies, and Good Warehouse Practices in a Seasonal Products Import Company
Nayeli Nicol Angel-Rivas, Fiorella Castillo-Chavarry, Jorge Antonio Corzo-Chavez and Javier M. Castillo-Tejada, Carrera de Ingeniería Industrial, Universidad de Lima, Lima, Peru

Second Place
ID 26 The Red Sea Crisis and Its Impact on Global Supply Chains and the World Economy
Vijeth Poojari, Dept. of Industrial Engg. & Mgmt., RV College of Engineering, Bangalore, India
Vijay Kumar M D, Dept. of Industrial Engg. & Mgmt., RV College of Engineering, Bangalore, India
M N Vijayakumar, Dept. of Industrial Engg. & Mgmt., RV College of Engineering, Bangalore, India

Lean Six Sigma Competition - Online

First Place
ID 139 Intelligent Smart Healthcare Using Genomic Data for Heart Disease Detection
Sanjay Ganar, Associate Professor, Department of Electronics and Telecommunication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India
Sukeshni Ghanshyam Bhagat, M. Tech. Student, Department of Electronics and Telecommunication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India

Global Design Competition - Online

First Place
ID 132 A Multi-Model Machine Learning Framework for Classifying Crimeware-As-A-Service Offerings
Syed Mohommad Ali, Associate Professor, Department of Electronics & Telecommunication Engineering, Anjuman College of Engineering & Technology, Nagpur, Maharashtra, India
Aksa Khan, M.Tech. Student, Department of Electronics & Communication Engineering, Anjuman College of Engineering & Technology Nagpur, Maharashtra, India

Second Place
ID 14 A Deep Tech Framework for Resilient Pharmaceutical Cold Chain Supply Networks in India Using Artificial Intelligence, Blockchain, and IoT
Nikul V. Tripathi, Independent Researche, Gujarat, India

Third Place
ID 141 Cyber Attack Detection and Prevention in Network Traffic Using Artificial Intelligence
Ahmed Sajjad Khan, Associate Professor, Department of Electronics and Telecommunication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India
Abhishek Umesh Raut, M. Tech Student, Department of Electronics and Communication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India

Poster Competition - Online

First Place
ID 131 Satellite-Based Assessment of Urban Light Pollution and Estimation of Energy Waste and Carbon Footprint
Mohammad Nasiruddin, Associate Professor, Department of Electronics and Telecommunication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India

Tanmayee Gopichand Gedam, M.Tech. Student, Department of Electronics and Communication Engineering, Anjuman College of Engineering and Technology, Nagpur, Maharashtra, India

Second Place
ID 28 Economic Analysis of Electric Vehicle Charging Stations: A Financial Feasibility Study Using Python-Based Decision Support System for Bengaluru, India
G M Bindu, Dept. of Industrial Engg. & Mgmt., RV College of Engineering, Bangalore, India
Anuradha E, Dept. of Industrial Engg. & Mgmt., RV College of Engineering, Bangalore, India
M N Vijayakumar, Dept. of Industrial Engg. & Mgmt., RV College of Engineering, Bangalore, India

Best Track Papers

Track ID	Track name	Best Track Paper ID	Paper Title
1	Artificial Intelligence and Data Science	127	A Multimodal Hybrid ResNet Framework Integrating Image and Environmental Sensor Fusion for Multi-Class, Severity-Graded Food Quality Assessment Across Diverse Food Categories
		129	Automated Real-Time Prediction and Diagnosis of Heart Disease Using IoT and Machine Learning
2	Automation, Robotics and Autonomous Systems	396	Sensor Fusion and Deep Learning for Real-Time UAV Detection, Tracking, and Safe Autonomous Interception: Framework and Preliminary Results
3	Business Management and Operations Management	99	Occupational Feminisation, Labour Under-Utilisation and Job Quality: Evidence from India, 2004-2023
		271	Target Firm Earnings Management and Acquisition Premium: Does Relationship Matter?
4	Digital Manufacturing, Industry 4.0 and IoT	240	From Technology Adoption to ESG Performance: A Dynamic Capability Perspective on Industry 4.0 in Manufacturing Firms
		247	Design and Implementation of Two Virtual Reality Competency Trainers for Manual Assembly and Hand-Tool Selection
5	Engineering Education		There is no qualified paper
6	Engineering Management and Project Management	412	Empirical Assessment of Construction Risk Factors and Their Multi-Dimensional Impacts on Project Objectives in Madinah
7	Entrepreneurship and Innovation	71	Role of Digital Infrastructure in Entrepreneurship Development: An Empirical Study on Emerging Economies
8	Facility Planning		Nil
9	Human Factors, Ergonomics and Healthcare Systems	391	Deep Learning for Bicycle Ergonomics Assessment from Noisy Pose Keypoints: A Controlled Simulation Study
		422	Applying Lean Six Sigma to Process Improvement in a Public Hospital Outpatient Department in Thailand
10	Lean Six Sigma and Operations Excellence	174	Improving Production Efficiency in Vertical Corrugated Board Manufacturing Using Lean Tools: An Industrial Case Study
		242	Lean-First Operational Excellence Framework for Automation and AI Transformation in Telecommunications IT Operations: A Case Study
11	Manufacturing, Assembly and Design	235	Technological Indigenization in Indian Locomotive Manufacturing: Technology Transfer, Localization, and Gap in Indigenous Design Capability
12	Quality, Reliability and Maintenance	274	Mission-Critical Quality Control: Ruggedizing COTS UPS Systems for Harsh Environments
		342	Reliability-Constrained Stochastic Circular Supply Chain optimization: A case of Protective Textile Product
13	Simulation, Optimization and Productivity Improvement	19	West Asia War and Its Implication on Global Oil Markets
		266	Simulation-Driven Multi-Objective Optimization of Injection Parameters for Performance and Emission Improvement in a Biodiesel VCR Diesel Engine
14	Supply Chain and Logistics	10	From Signal to Shock: Investigating the Bullwhip Effect on Manufacturing Supply Chains
		114	Warehouse Scaling Prioritization Due To Demand Spike: A Fuzzy Ahp–Promethee Multi-Criteria Decision Framework
15	Sustainability, Green Systems and Energy	386	Transition From Petrol to EV in Southern India: Consumer Drivers, Supply Chain Considerations and Sustainable Development Goals
16	Case Studies and Best Practices	302	Economic Assessment of Livestock Production Under Kuwait Environmental Conditions
		378	Examining Consumer Behaviour Towards Smartphone Ecosystems in India: The Role of Consumer Decision Dilemma and Perceived Lock-In

Best Track Papers

Artificial Intelligence and Data Science

ID 127 A Multimodal Hybrid ResNet Framework Integrating Image and Environmental Sensor Fusion for Multi-Class, Severity-Graded Food Quality Assessment Across Diverse Food Categories
Sumera Jabeen, Computer Science and Engineering, Bharatiya Engineering Science & Technology Innovation University, Andhra Pradesh, India
S Venkata Achuta Rao, Data Science Research Laboratories, Sree Dattha Institute of Engineering & Science, Telangana -501 510, India

ID 129 Automated Real-Time Prediction and Diagnosis of Heart Disease Using IoT and Machine Learning
Agha Salman Haider, Nida Fatima, Rich Suneja, Suhail Salik Siddiqui and Alina Mujeeb, Department of CSE, School of Engineering Sciences and Technology, Jamia Hamdard University, New Delhi, India

Automation, Robotics and Autonomous Systems

ID 396 Sensor Fusion and Deep Learning for Real-Time UAV Detection, Tracking, and Safe Autonomous Interception: A Proposed Framework and Preliminary Results
Gelli Ram Sundeep, Research Scholar (Part-Time), Department of Electronics and Communication Engineering, B.E.S.T Innovation University Gorantla, India
M Aravind Kumar, Principal, West Godavari Institute of Science and Engineering, Tadepalligudem, India

Business Management and Operations Management

ID 99 Occupational Feminisation, Labour Under-Utilisation and Job Quality: Evidence from India, 2004-2023
Angela Sarkar, Vinod Gupta School of Management, Indian Institute of Technology Kharagpur, Kharagpur, West Bengal 721302, India

ID 271 Target Firm Earnings Management and Acquisition Premium: Does Relationship Matter?
Sandeep Kumar Sahoo, Research Scholar, Vinod Gupta School of Management, IIT Kharagpur, West Bengal-721302, India
Chandra Sekhar Mishra, Professor, Vinod Gupta School of Management, IIT Kharagpur, West Bengal-721302, India
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