

ANQ Congress 2025

Result of Abstract Submission

Abstract ID	Author ID	Abstract Title	Category of Acceptance
222	226	Sustainable product & Process innovation	Accepted for Poster Presentation
221	225	Countershaft failure hypothesis creation and validation using telematics data	Accepted for Poster Presentation
220	224	Clustering Commercial Vehicle Usage Patterns Using Telematics Data and Unsupervised Learning	Accepted for Paper Presentation
219	222	Zero Defect Station Approach for Built In Quality	Accepted for Poster Presentation
218	221	Development of Sustainable Sealant for Commercial Vehicle Application	Accepted for Poster Presentation
217	219	Virtualization of HFM sensor using Machine learning algorithms in IC engines	Accepted for Poster Presentation
216	220	Responsible AI Through the Public Lens: Emotion Mining and Expectation Mapping from social media	Accepted for Paper Presentation
215	218	Bridging the Gap: A Study of Maturity of Lean Awareness and Implementation in Mid-Sized Hospitals in India	Accepted for Paper Presentation
214	192	Harnessing Traditional Farming methods for modern sustainability, Role of coconut, sugarcane and banana farming	Accepted for Paper Presentation
213	217	MAKE MASTER CAUSE & EFFECT DIAGRAMS WITHOUT BRAINSTORMING	Accepted for Paper Presentation
212	192	Sustainability rooted in Ancient indian wisdom insights from vastu, utensils and household practices	Accepted for Paper Presentation
211	199	Diagnosing Organizational Effectiveness - A Roadmap toward Corporate Sustainability	Accepted for Paper Presentation
209	216	Empirical Investigation of Digital Transformation in Nepalese Banks: A Customer-Centric Quality Management Perspective	Accepted for Paper Presentation
208	113	AI-Driven Productivity Enhancement in Machining	Accepted for Paper Presentation
207	215	Community-Driven Quality Initiatives – Nara De “Nara De Jivanta Hadigau Heritage Walk (Her Walk)”: A Significant Identity of Golden Civilizations – A Qualitative Perspective	Accepted for Paper Presentation
206	214	Empirical Investigation of Digital Transformation in Nepalese Banks: A Customer-Centric Quality Management Perspective	Accepted for Paper Presentation
205	213	Community-Driven Quality Initiatives – Nara De “Nara De Jivanta Hadigau Heritage Walk (Her Walk)”: A Significant Identity of Golden Civilizations – A Qualitative Perspective	Accepted for Paper Presentation

204	204	A Framework for Sustainable Quality in Electric Vehicle Battery Durability	Accepted for Paper Presentation
203	209	AI/ML-Driven Quality Management for Large-Scale Automotive Emission Data	Accepted for Paper Presentation
202	211	Strengthening Food Safety and Market Access for Nepal's Food Businesses through FSMS	Accepted for Paper Presentation
201	210	Application of the DMAIC Framework to Enhance Patient Safety and Healthcare Access in Underserved Settings: A Quality Innovation Perspective	Accepted for Paper Presentation
199	207	COMPETENCY BASED HR MANAGEMENT	Accepted for Poster Presentation
198	205	Intelligent Interface Rule Digitization for Predictive Quality Management	Accepted for Paper Presentation
197	206	Sensor Guided Manufacturing Process	Accepted for Poster Presentation
196	203	Application of Failure Mode and Effects Analysis (FMEA) in Enhancing Academic Processes	Accepted for Paper Presentation
195	202	ProFix Spacer Clamp – Engineered for Next-Gen Quality Layouts	Accepted for Poster Presentation
193	195	Dimensional Quality Digital Twin	Accepted for Poster Presentation
192	200	A Quality-Driven Risk Analysis Approach Integrating Cybersecurity into DFMEA for AEB System Robustness	Accepted for Paper Presentation
191	189	Accelerating Fleet Vehicles In-Use Performance Ratio Monitoring (IUPRm) using AI/ML	Accepted for Paper Presentation
190	199	PRAGMATIC APPROACH TO TQM IMPLEMENTATION FOR SUSTAINABLE GROWTH	Accepted for Poster Presentation
189	198	Agile Quality Evolution in AI Products: Mapping Customer-Centric Ethics via the Kano Model Perspective	Accepted for Paper Presentation
188	197	Reduction in Tyre Wear Issue in Field by Monitoring and Controlling Camber Angle at Front Axle Assembly Level (Camber Angle Digitalization)	Accepted for Poster Presentation
187	196	Examining the Role of Quality Indicators in Healthcare Leadership for Improved Patient Outcomes	Accepted for Paper Presentation
186	190	A Study on Improving the Quality of Online and Offline Work Environments for Employees with Disabilities	Accepted for Paper Presentation
185	194	Restoration of Mungeshpur Drain Using Nanobubble Technology: A Sustainable Model Integrating PDCA and SDG Frameworks	Accepted for Poster Presentation
184	193	Electric Bus battery pack & Battery structure design	Accepted for Poster Presentation
183	179	Challenges in Industry 4.0 & Quality 4.0 Implementation	Accepted for Poster Presentation
182	187	Research on Digital Integration of Hefei Haier Home Central Air Conditioning Factory under the Background of Intelligent Manufacturing	Accepted for Paper Presentation
181	186	Application and Exploration of Digital and Intelligent Quality Management in Promoting the Sustainable Development of Steel Enterprises	Accepted for Paper Presentation
180	185	Compliance to Performance - Digital Transformation	Accepted for Poster Presentation

179	183	Enhancing Reliability through AI/ML-Driven Early Failure Mode Detection for Vehicle Engine Mounts	Accepted for Paper Presentation
178	184	Impact of Financial Literacy on Management of Personal Finances: Empirical Evidence From Private Sector Employees in Colombo District	Accepted for Paper Presentation
177	90	Hydrogen Mobility for Heavy Commercial Vehicles Sustainability driven by Quality	Accepted for Paper Presentation
176	182	The Impact of Environmental, Social and Governance (ESG) Factors on Financial Performance – Evidence from Licensed Banks in Sri Lanka	Accepted for Paper Presentation
174	178	Digital Quality Management Information System for Real-Time Analytics	Accepted for Paper Presentation
173	177	BQMM: A BHEL Quality Maturity Measurement Model to Evaluate and Enhance Effectiveness of Quality Management Systems	Accepted for Paper Presentation
172	174	Enhancing Six Sigma DMAIC Methodology with Industry 4.0 Technologies: A Strategic Approach for Digital Quality Transformation	Accepted for Paper Presentation
171	176	Tracking Digital Quality: A Power BI-Driven Approach to Project Performance and Process Optimization	Accepted for Paper Presentation
170	173	Bayesian reliability acceptance sampling plan sampling plans under adaptive accelerated type-II censored competing risk data	Accepted for Paper Presentation
169	172	Building An All-Employee AI Entities in the Era of Large Models	Accepted for Paper Presentation
168	171	Exploration of Intelligent Services Based on the Xingrui AI Large Model	Accepted for Paper Presentation
167	171	Research on automotive after-sales quality improvement and closed loop management driven by digital intelligence ——Active service and accurate analysis of the whole process from R&D to after-sales	Accepted for Paper Presentation
166	170	Hil test study of new energy commercial vehicle Transmission control unit	Accepted for Paper Presentation
165	170	Feasibility Study on the Appearance Morphology Evaluation of Automotive Coatings Before and After Each Process	Accepted for Paper Presentation
164	169	Digital Employees in Intelligent Office Systems: Innovative Practices of Human Machine Collaboration	Accepted for Paper Presentation
163	169	Application and Practice of Automotive Quality Management Based on the 'One Number, Three Presences' Intelligent Agent Approach	Accepted for Paper Presentation
162	168	Research on the Corrosion and Leakage of Copper Tubes in Shell-and-Tube Heat Exchangers and Discussion on Product Reliability Improvement Schemes	Accepted for Paper Presentation
161	167	Exploration of Intelligent Decision-Making for Automatic Regeneration of AI-driven DPF	Accepted for Paper Presentation
160	166	Two Ills That Suppliers Want To Get Rid Of	Accepted for Paper Presentation

159	165	Research on Quality Improvement and Closed loop Management of Automotive Aftersales Driven by Digitization —Proactive service and precise analysis throughout the entire process from research and development to after-sales service	Accepted for Paper Presentation
158	162	ADVANCED ANALYTICS MODEL For BLAST FURNACE CHARGING	Accepted for Poster Presentation
157	161	Building a Sustainable Problem-Solving Ecosystem: Systematic Approaches with People Involvement	Accepted for Paper Presentation
156	99	Underwriting 4.0 – New Age Life Insurance Underwriting for enhancing Agility and Quality of business	Accepted for Paper Presentation
155	160	Zero Defect Pro – A Smarter PFMEA Solution	Accepted for Paper Presentation
154	158	Increase in Lead Capture & Sales Conversion in Tiscon Retail through Digitization of Channel (Sampoorna)	Accepted for Poster Presentation
153	160	SOP Maturity Assessment Framework: A Practical Tool to Drive Adherence and a Defect-Free Culture	Accepted for Paper Presentation
152	159	Enhancing Waste Management through Digital Integration and QR-based Classification in a Medium-Sized Manufacturing Factory in Vietnam	Accepted for Paper Presentation
151	157	Intelligent Surface Defect Identification using Deep Learning and Image Processing	Accepted for Paper Presentation
149	140	PCPF- a New Approach to Redesigning Burner Ports in Sinter Plant	Accepted for Paper Presentation
148	155	Uninterrupted coke oven gas supply to customer during shut down	Accepted for Paper Presentation
147	154	Lime Quality Improvement	Accepted for Poster Presentation
146	152	The Deming Journey: Strengthening Total Employee Involvement for Sustainable Quality Improvement	Accepted for Poster Presentation
145	153	Preventing Longitudinal Cracks and Breakouts in Peritectic Steel During Continuous Casting	Accepted for Paper Presentation
144	151	Resolving Chronic Issue of Reducing Rake Unloading Delay on Account of Material Stickiness in Iron Ore Fines	Accepted for Paper Presentation
143	149	A comprehensive study to increase sinter productivity using vertical permeability bars	Accepted for Poster Presentation
142	148	Modeling and Optimization of AWJM parameters using integrated Machine Learning and Evolutionary Algorithms	Accepted for Paper Presentation
141	147	High Turn-Around Time for Invoice Processing - A Case Study Using Statistical Modelling and Machine Learning	Accepted for Paper Presentation
140	142	Increased productivity of wire patenting line at Tarapur plant from 2384 to 2674 MT/Month	Accepted for Paper Presentation
139	146	A Novel Superior Corrosion Resistant Polymer Coated Cold Rolled Steel for Ready-to-Paint Application	Accepted for Paper Presentation

138	145	Data-Driven Optimization of Coal Injection: A Six Sigma Framework for Blast Furnace Efficiency	Accepted for Poster Presentation
137	144	Condition Based Monitoring and Innovation for Reducing Motor Failure in EOT Cranes	Accepted for Paper Presentation
136	143	Digital Transformation – Change Management Leadership Case-study in PET Dream Vietnam Company	Accepted for Paper Presentation
135	127	Fractional Order Entropy-Based Decision-Making Models under Risk	Accepted for Paper Presentation
134	141	Sales Acceleration of YST 210 TS Black (Excluding Aashiyana Sales) Through Channel Augmentation	Accepted for Paper Presentation
133	139	Application of Asymmetry Measures in Process Control Systems	Accepted for Paper Presentation
132	137	Goal Based Motivations and Eco-friendly Behavior based on Goal Framing Theory	Accepted for Paper Presentation
131	138	Driving Continuous Improvement in Higher Education through ISO 9001:2015: A Case Study of the Department of Finance, University of Kelaniya	Accepted for Paper Presentation
130	134	Enhancing ISO 9001:2015 Documentation Through AI Simulation: A Case Study of the Department of Finance, University of Kelaniya	Accepted for Paper Presentation
129	135	Evaluating Financial Sustainability of World Vision Lanka: A Six-Year Trend Analysis of Revenue Sources and Expenditure Patterns	Accepted for Paper Presentation
128	135	Impact of Implementation of Teaching Excellence Quality Awards for Improving Program and Individual Quality: Evidence from Sri Lankan Case Study	Accepted for Paper Presentation
127	136	Order-Restricted Inference in Multi-Level Step-Stress Life Testing via Generalized Isotonic Regression	Accepted for Paper Presentation
126	133	A Novel Criteria-Driven Framework for Selecting the Right Problem-Solving Tool to Streamline Manufacturing Process Improvements	Accepted for Paper Presentation
125	132	Marriage between Quality and Morality: Inculcating Moral Capacities in the Workforce for Sustainable Quality Assurance	Accepted for Paper Presentation
124	130	Integrating Design Thinking with AI and Digital Transformation	Accepted for Paper Presentation
123	129	The Journey of Innovation: Developing a First of its kind Mechanical Whistle Counter for Domestic Pressure Cookers	Accepted for Paper Presentation
122	128	AI-Driven Quality Management: Transforming Operational Excellence in the Digital Era	Accepted for Paper Presentation
121	126	Immersing Outcome-Based Education Practices to Enhance Student Engagement and Academic Quality in Engineering Education	Accepted for Paper Presentation
120	124	Leveraging Generative AI for Quality by Design: An Exploratory Study in Product Development	Accepted for Paper Presentation
119	121	Evaluating the Effectiveness of Using New Media in Public Relations at Small and Medium Enterprises in Ho Chi Minh City	Accepted for Paper Presentation

117	117	An Empirical Study on Vietnamese Chocolate Consumers' Behaviors and Purchasing Paradigms: A New Approach with Innovation Resistance Theory (IRT) for Downstream Chocolate Businesses in Vietnam	Accepted for Paper Presentation
116	116	Research and Guidance on Applying Lean Manufacturing Method (LEAN) for Natural Rubber Processing and Wood Product Processing Enterprises	Accepted for Paper Presentation
115	119	The Influence of Key Opinion Consumers (KOCs) on Online Shopping Intention - The Case of Generation Z in Vietnam	Accepted for Paper Presentation
114	115	An Empirical 9-P Model for the Professional's Path to Success	Accepted for Paper Presentation
113	115	Re-imagining Quality Management in the Digital Era: Impact, Evolution, and Future Skillsets	Accepted for Paper Presentation
112	30	From Data to Decisions: Real-Time Quality Dashboard	Accepted for Poster Presentation
111	112	SDCA Cycle – A perpetual Source of Continuous Improvement	Accepted for Paper Presentation
110	83	The EFQM 2025 model as a tool for evaluating quality assurance systems in education	Accepted for Paper Presentation
109	55	Resilience in Quality Assurance leveraging Total Quality Management	Accepted for Paper Presentation
108	109	INSTITUTIONAL BEST PRACTICES for QUALITY ENHANCEMENT	Accepted for Paper Presentation
107	110	Digitalized	Accepted for Paper Presentation
106	107	A framework for Supply Chain Performance Measurement using Agentic AI approach	Accepted for Paper Presentation
105	104	Automotive Lightweight Composites Based on an Industrial Waste	Accepted for Paper Presentation
104	108	ESG Framework implementation and quality excellence: a comprehensive review of industry performance across Sri Lankan manufacturing and service sectors	Accepted for Paper Presentation
100	103	Clean energy using AI:Generative AI	Accepted for Paper Presentation
99	102	Risk Management and Supply Chain Resilience in Heavy Commercial Engines	Accepted for Paper Presentation
98	101	“HARMONICS” ATTRIBUTE To PREMATURE FAILURE Of DISTRIBUTION TRANSFORMERS In LARGE COMPLEXES	Accepted for Paper Presentation
97	100	Enhancing Asset Utilization through TQM: A Case Study of Tata Power Delhi Distribution Ltd.	Accepted for Paper Presentation
96	95	Reduction in Power Quality Complaints through TQM: A Case Study of Tata Power Delhi Distribution Ltd.	Accepted for Poster Presentation
95	13	Smart DT Planning- A Standardized Approach for Sustainable Future	Accepted for Poster Presentation
94	97	Leveraging RPA for Customer On-Boarding process in Power Distribution Utility - Tata Power Delhi Distribution Limited	Accepted for Paper Presentation
93	98	Enhancing Material Quality Assurance through AI-Based Inspection	Accepted for Paper Presentation

92	96	Advancing Product and Process Maturity through QG15: A Structured Approach to Capability Assurance and Ramp-Up Readiness	Accepted for Paper Presentation
90	94	ENSURING QUALITY In VEHICLE DRAWING DATA RELEASE: A COMPREHENSIVE ASSESSMENT APPROACH	Accepted for Poster Presentation
89	93	Effective Implementation of Daily Work Management in Manufacturing Organizations	Accepted for Paper Presentation
88	92	ENHANCING QUALITY ASSURANCE THROUGH PRODUCTIVITY TOOLS IN SMES: A CASE STUDY FROM GAMPAHA DISTRICT, SRI LANKA	Accepted for Paper Presentation
87	91	COMMUNITY EMPOWERMENT: A CASESTUDY OF DEHIWALA WEST - DE ALWIS PLACE COMMUNITY-LED SUSTAINABLE ENVIRONMENTAL PRACTICES	Accepted for Paper Presentation
86	90	Driving Sustainable Quality: Integrating TQM and FMA in R&D at Tata Motors – Commercial Vehicles	Accepted for Paper Presentation
85	89	Implementation Approach of Artificial Intelligence Innovation Management System (AIIMS)	Accepted for Paper Presentation
84	88	A renewed approach to Zero Design Defect through Engineering World Class Quality Level 4.	Accepted for Paper Presentation
83	77	Driving Organizational Excellence through TQM: The Spectra Journey	Accepted for Paper Presentation
82	87	Comparison of Similarities and Differences of QC Activities in Manufacturing Companies: Case Study from Sri Lanka	Accepted for Paper Presentation
81	86	Secure Electricity Distribution Network: A specialized tool was developed for making cradles	Accepted for Paper Presentation
80	47	Theory: Proposal of the T Matrix for Problem Solving in New Product Development (Revisiting and recreating: N. Kano, "Problem Solving in New Product Development: Application of the T-type Matrix," in EOQC/IAQ World Quality Congress '84 Proceedings)	Accepted for Paper Presentation
79	47	Application of T-Typed Matrix for Problem Solving in New Product Development (NPD) of Commercial Vehicles	Accepted for Paper Presentation
78	85	Upscaling of Rooftop Solar Systems ... Powering the Plant	Accepted for Poster Presentation
77	84	Test Before Touch: Safety Assurance Through Smart Technology	Accepted for Paper Presentation
76	80	The Role of Smart Quality in Digitally Transformed Factories	Accepted for Paper Presentation
75	82	Does People's Skill Development for Quality Enhancement Drive Organization Productivity and Sustainability?	Accepted for Paper Presentation
74	61	BarricadeX: An Innovative and Sustainable Alternative to Single-Use Plastic Barricading Tape	Accepted for Paper Presentation
73	81	Solving Defects in Materials and Installation through the Process of QRN	Accepted for Poster Presentation
72	26	Sustainable Business Growth through TQM Application in an Auto Component Company	Accepted for Paper Presentation
71	75	Setting the Standard for Smart Grid Quality: Tata Power-DDL's Digital Transformation for Asia's Energy Future	Accepted for Paper Presentation

70	9	GYAN SANGAM 2.0 – A Structured Knowledge Management Framework	Accepted for Paper Presentation
69	76	Empowering Safety Through AI Innovation	Accepted for Poster Presentation
68	74	Scheme Quality Index : Enhancing Estimation Quality and Accuracy	Accepted for Poster Presentation
67	73	Application and Exploration of Digital and Intelligent Quality Management in Promoting the Sustainable Development of Steel Enterprises	Accepted for Paper Presentation
66	72	Leverage Level#2 Automation to run multiple kilns with fluctuating demand	Accepted for Paper Presentation
65	71	AI-based SOS (SMRD-OCR-SPOOF) meter reading solution.	Accepted for Poster Presentation
64	70	Automated Feedback Platform Service Excellence through Real Time Insights	Accepted for Poster Presentation
63	69	Digital Transformation of Smart Metering rollout in Power Distribution Company	Accepted for Paper Presentation
62	67	Integrated Asset Performance Management and Anomaly Detection using Digital Twin Technology in Hot Strip Mill	Accepted for Paper Presentation
61	67	Automating Coil Defect Detection and Process Optimization in Compact Strip Production Line Using Machine learning	Accepted for Poster Presentation
60	67	Digital Twin for Real-Time Monitoring and Prediction of Layer Wise Pellet Quality in Induration Furnace	Accepted for Poster Presentation
59	67	Cultivating Excellence_How a Deeply Rooted TQM Culture Transformed JSW Steel Dolvi Works	Accepted for Paper Presentation
57	68	Causal Modeling of TQM Program Impact on Cost of Quality in Manufacturing	Accepted for Paper Presentation
56	66	Auto Processing of TD cases through RPA	Accepted for Paper Presentation
55	65	Secure Electricity Distribution Network: A specialized tool was developed for making cradles	Accepted for Poster Presentation
54	64	Sustainable Iron Making in Mini Blast Furnaces: Process Optimization for Carbon Footprint reduction	Accepted for Paper Presentation
53	64	Process Innovations for Managing High-Mn and High-P Hot Metal in EOF Steelmaking for SBQ grade steel production	Accepted for Paper Presentation
52	58	Automation in Smart Meters: Enhancing Operational Efficiency Through Remote Disconnection	Accepted for Paper Presentation
51	63	Empirical Modelling of Truck Payload Variance as a Driver of Freight Costs, Efficiency, and Environmental Impact on the Transportation Networks	Accepted for Paper Presentation
49	60	BEMI as a Technique to Gauge Effectiveness of TQM	Accepted for Paper Presentation
48	59	CEG GRID - Visual Representation of Electricity Theft Cases	Accepted for Paper Presentation
46	55	Identification of business opportunities through TQM, leveraging Dr. Kano's Model of Sales	Accepted for Paper Presentation
43	51	Modeling the Mechanism of Serious Injuries in Childcare Facilities -Focusing on the Characteristics of Children's Activities-	Accepted for Paper Presentation
42	15	Bosch India's Zero Defect: Elevating Quality for Customer Trust and Sustainability	Accepted for Poster Presentation

41	43	Development of an Information-Sharing Tool for the Effective Implementation of Advance Care Planning	Accepted for Paper Presentation
40	52	Development of a Method for Reducing Design Time by Reusing Empirical Knowledge: Elaboration in Estimation of Design Person-Hour Using Point Of Person-Hour (POPH)	Accepted for Paper Presentation
39	50	Defect Risk Identification of Multilayer Printed Wiring Board Using 3-dimensional Window Index	Accepted for Paper Presentation
38	49	Engineering Quality in New part Development	Accepted for Paper Presentation
37	31	Designing an ADL Acquisition Process Corresponding to the Functional Independence Measure (FIM) in Rehabilitation after Cerebrovascular Disease	Accepted for Paper Presentation
36	48	Prediction of Nuclear Receptor Activation Using Statistical Methods and Machine Learning	Accepted for Paper Presentation
35	24	Designing the Mechanism of Serious Injury Accidents in Childcare Facilities - Detailed Mechanism Based on Children's Play and Motion –	Accepted for Paper Presentation
34	45	A review and implementation of Digitalization (IoT) and CTQ Parameters Traceability in Automotive Electric Two-wheeler Chassis Welding Line	Accepted for Paper Presentation
33	46	Research on Planning Considerations in Manufacturing Operations	Accepted for Paper Presentation
32	39	A Study on Evaluation of Printed Design Considering KANSEI Quality	Accepted for Paper Presentation
31	37	Designing Human Resource Systems in a Construction Startup: A Case Study of a Multinational BPO Company	Accepted for Paper Presentation
30	44	TiSASRec-Based Recommendation Model Considering Multiple User Behaviors and Its Application to Customer Behavior Analysis	Accepted for Paper Presentation
29	42	Proposal of an Off-Policy Evaluation Method Considering the Entire Reward Distribution in Large Action Spaces	Accepted for Paper Presentation
28	25	Optimal Maintenance and Component Reallocation Policies for Cold Standby Systems under a Markov Decision Framework	Accepted for Paper Presentation
27	41	A Proposal for Visualizing and Improving Product-Level Labor Costs in Small-Scale Food Manufacturing	Accepted for Paper Presentation
26	40	Online SPC (Statistical Process control) For Critical-To-Quality Parameters	Accepted for Poster Presentation
25	28	A Study on the Update Method of the Blood Collection Difficulty Decision Flow to Improve Outpatient Blood Collection Operations	Accepted for Paper Presentation
24	36	Node Distribution-Aware Hierarchical Reinforcement Learning for Large-Scale Traveling Salesman Problems	Accepted for Paper Presentation
23	34	Proposal of a Risk Analysis Framework for Identifying Company-Specific and Industry-Level Risks in Securities Reports	Accepted for Paper Presentation

22	35	Product Premiumization: Leveraging Customer Value and Innovation	Accepted for Paper Presentation
21	18	Proposal of a Zero-Shot Segmentation Method with Boundary Quality Consideration via Weighted Residual Connections	Accepted for Paper Presentation
20	33	Productivity Improvement in Logistics Industry Through Lean Six Sigma Methodology	Accepted for Paper Presentation
19	12	"Redefining Quality Management: The Role of Agents, AI, Generative AI, and Agentic AI in Next-Generation Quality Management (QMAI4.0)"	Accepted for Poster Presentation
18	30	From Data to Decisions: Real-Time Quality Dashboard	Accepted for Paper Presentation
17	29	Proposal for Standard Component Selection Guidelines Using Workload Surveys to Promote Standardization in Document Preparation	Accepted for Paper Presentation
16	27	A Structured Software Quality Gate Process for Software-Centric Vehicles	Accepted for Paper Presentation
15	27	A Quality-Driven Approach to Engineering Sign-Off for Software and Robust Product Development	Accepted for Paper Presentation
14	7	Environmental Sustainability through Industry 4.0: Evidence from the Manufacturing Sector in a Developing Country Context	Accepted for Paper Presentation
13	23	Manufacturing excellence and customer focus- Structured problem solving	Accepted for Paper Presentation
12	22	Simulation Based EV Range Estimation of Different Payload of Vehicle for Quality Improvement	Accepted for Paper Presentation
10	20	Integrating Chinese Cultural Values in Sustainable Quality Management: Insights from Singapore's CPF Model	Accepted for Paper Presentation
9	19	Transforming Grid Planning with Solar Energy	Accepted for Paper Presentation
8	17	Evaluation of Type I and Type II Errors in Screening Using Plackett-Burman Designs	Accepted for Paper Presentation
7	10	ISO Standards for the Semiconductor Intellectual Property (IP) Solutions for Complex Systems-on-Chip (SoC) Design in Road Vehicles	Accepted for Paper Presentation
6	14	Comparison of Average Treatment Effects Using Multiple Causal Inference Methods	Accepted for Paper Presentation