

Venue	Day 1: 05 Nov			Day 2: 06 Nov			Total
	S1	S2	S3	S4	S5	S6	
	02:15 to 03:15 PM	03:30 to 04:30 PM	04:55 to 05:55 PM	09:00 to 10:00 AM	10:30 to 11:30 AM	11:45 to 12:45 PM	
Hall 1: MDP 02 Category 1: Sustainable quality and innovation Category 8: Multidisciplinary Quality Insights	14	105	198	6	32	127	18
	54	120	204	28	43	170	
	74	152	222	31	58	225	
Hall 2: F19 Category 2: Digital transformation and smart quality Category 6: Quality in education, governance, and social impact	16	29	106	179	236	121	18
	21	57	113	220	238	128	
	24	61	122	221	239	129	
Hall 3: F20 Category 2: Digital transformation and smart quality Category 8: Multidisciplinary Quality Insights	124	137	151	110	202	8	18
	133	141	171	117	206	30	
	135	142	172	156	157	34	
Hall 4: F21 Category 3: Testing, certification, and global quality standards Category 4: Healthcare & life sciences quality: Asia’s role Category 8: Multidisciplinary Quality Insights	7	23	153	25	41	51	18
	9	94	229	35	215	82	
	17	95	237	37	205	107	
Hall 5: Councill Hall Category 5: Quality leadership & excellence strategies Category 8: Multidisciplinary Quality Insights	46	40	72	134	173	186	17
	49	80	75	138	180	189	
	63		79	146	190	230	
Hall 6: F23 Category 5: Quality leadership & excellence strategies Category 8: Multidisciplinary Quality Insights	86	92	109	192	233	234	17
	88	104	111	211	235	240	
	89	108	119	219	73		
Hall 7: F24 Category 7: Manufacturing excellence and customer focus	20	39	123				9
	27	53	126				
	36	96	144				
Updated as on 01 November 2025, 11:50 PM							115

Abstract ID	Abstract Title	Category	Region	Presenter Name
6	Comparison of Average Treatment Effects Using Multiple Causal Inference Methods	Category 8: Multidisciplinary Quality Insights	Japan	Sogo Sakaguchi
7	ISO Standards for the Semiconductor Intellectual Property (IP) Solutions for Complex Systems-on-Chip (SoC) Design in Road Vehicles	Category 3: Testing, certification, and global quality standards	India	Vijay Sardana
8	Evaluation of Type I and Type II Errors in Screening Using Plackett-Burman Designs	Category 8: Multidisciplinary Quality Insights	Japan	Airi Shiba
9	Transforming Grid Planning with Solar Energy	Category 3: Testing, certification, and global quality standards	India	Ayush Kumar Pathak
14	Environmental Sustainability through Industry 4.0: Evidence from the Manufacturing Sector in a Developing Country Context	Category 1: Sustainable quality and innovation	Sri Lanka	Chandana Perera
16	Advancing Automotive Software Quality Assurance Through a Traceability-Driven Stage-Gate Framework	Category 2: Digital transformation and smart quality	India	Isha Pathak, Bhushan Kothari and Preetam Merchant
17	Proposal for Standard Component Selection Guidelines Using Workload Surveys to Promote Standardization in Document Preparation	Category 3: Testing, certification, and global quality standards	Japan	Kaito Ishii
20	Productivity Improvement in Logistics Industry Through Lean Six Sigma Methodology	Category 7: Manufacturing excellence and customer focus	Singapore	Meng Ken TOO
21	Proposal of a Zero-Shot Segmentation Method with Boundary Quality Consideration via Weighted Residual Connections	Category 2: Digital transformation and smart quality	Japan	Haruki Nagami
23	Proposal of a Risk Analysis Framework for Identifying Company-Specific and Industry-Level Risks in Securities Reports	Category 3: Testing, certification, and global quality standards	Japan	Yusei Karino
24	Node Distribution-Aware Hierarchical Reinforcement Learning for Large-Scale Traveling Salesman Problems	Category 2: Digital transformation and smart quality	Japan	Suwa Haruya
25	A Study on the Update Method of the Blood Collection Difficulty Decision Flow to Improve Outpatient Blood Collection Operations	Category 4: Healthcare & life sciences quality: Asia's role	Japan	Ayuto Sakamoto
27	A Proposal for Visualizing and Improving Product-Level Labor Costs in Small-Scale Food Manufacturing	Category 7: Manufacturing excellence and customer focus	Japan	Kotaro Kobayashi
28	Optimal Maintenance and Component Reallocation Policies for Cold Standby Systems under a Markov Decision Framework	Category 8: Multidisciplinary Quality Insights	Japan	Tatsuya Fukuda

Abstract ID	Abstract Title	Category	Region	Presenter Name
29	Proposal of an Off-Policy Evaluation Method Considering the Entire Reward Distribution in Large Action Spaces	Category 2: Digital transformation and smart quality	Japan	Taishiro Takashi
30	TiSASRec-Based Recommendation Model Considering Multiple User Behaviors and Its Application to Customer Behavior Analysis	Category 2: Digital transformation and smart quality	Japan	Taichi Kanie
31	Designing Human Resource Systems in a Construction Startup: A Case Study of a Multinational BPO Company	Category 8: Multidisciplinary Quality Insights	Japan	Erika Shigeeda
32	A Study on Evaluation of Printed Design Considering KANSEI Quality	Category 8: Multidisciplinary Quality Insights	Japan	Kosuke Miyazawa
34	A review and implementation of Digitalization (IoT) and CTQ Parameters Traceability in Automotive Electric Two-wheeler Chassis Welding Line	Category 8: Multidisciplinary Quality Insights	India	Sudhagar S
35	Designing the Mechanism of Serious Injury Accidents in Childcare Facilities - Detailed Mechanism Based on Children's Play and Motion –	Category 4: Healthcare & life sciences quality: Asia's role	Japan	Shunsuke Hirano
36	Prediction of Nuclear Receptor Activation Using Statistical Methods and Machine Learning	Category 7: Manufacturing excellence and customer focus	Japan	Yuki Suzuki
37	Designing an ADL Acquisition Process Corresponding to the Functional Independence Measure (FIM) in Rehabilitation after Cerebrovascular Disease	Category 4: Healthcare & life sciences quality: Asia's role	Japan	Soya Chino
39	Defect Risk Identification of Multilayer Printed Wiring Board Using 3-dimensional Window Index	Category 7: Manufacturing excellence and customer focus	Japan	Yoichi Seki
40	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)	Category 5: Quality leadership & excellence strategies	Japan	Keita Kurihara
41	Development of an Information-Sharing Tool for the Effective Implementation of Advance Care Planning	Category 4: Healthcare & life sciences quality: Asia's role	Japan	Ryoma Tamura
43	Modeling the Mechanism of Serious Injuries in Childcare Facilities -Focusing on the Characteristics of Children's Activities-	Category 8: Multidisciplinary Quality Insights	Japan	Kazunari Nakayama
46	Identification of business opportunities through TQM, leveraging Dr. Kano's Model of Sales	Category 5: Quality leadership & excellence strategies	India	AMIT KUMAR DAS
49	BEMI as a Technique to Gauge Effectiveness of TQM	Category 5: Quality leadership & excellence strategies	India	Gurpreet Kaur

Abstract ID	Abstract Title	Category	Region	Presenter Name
51	Empirical Modelling of Truck Payload Variance as a Driver of Freight Costs, Efficiency, and Environmental Impact on the Transportation Networks	Category 8: Multidisciplinary Quality Insights	India	Nitish Rai
53	Process Innovations for Managing High-Mn and High-P Hot Metal in EOF Steelmaking for SBQ grade steel production	Category 7: Manufacturing excellence and customer focus	India	Kirubanand G
54	Sustainable Iron Making in Mini Blast Furnaces: Process Optimization for Carbon Footprint reduction	Category 1: Sustainable quality and innovation	India	Kalidhasan S K
57	Causal Modeling of TQM Program Impact on Cost of Quality in Manufacturing	Category 2: Digital transformation and smart quality	India	Kiran Deshmukh
58	Digital Twin Framework for Real-Time Prediction of Pellet Quality in Straight-Grate Induration Furnaces	Category 8: Multidisciplinary Quality Insights	India	Mrigandra Singhai
61	Automating Coil Defect Detection and Process Optimization in Compact Strip Production Line Using Machine learning	Category 2: Digital transformation and smart quality	India	Prathamesh Pawar
63	Digital Transformation of Smart Metering rollout in Power Distribution Company	Category 5: Quality leadership & excellence strategies	India	Sanjeev Kumar Rana
72	Sustainable Business Growth through TQM Application in an Auto Component Company	Category 5: Quality leadership & excellence strategies	India	Akancha Shukla and Jitendra Masarguppi
73	Solving Defects in Materials and Installation through the Process of QRN	Category 7: Manufacturing excellence and customer focus	India	Akshay
74	BarricadeX: An Innovative and Sustainable Alternative to Single-Use Plastic Barricading Tape	Category 1: Sustainable quality and innovation	India	Ravi Kumar
75	Does People's Skill Development for Quality Enhancement Drive Organization Productivity and Sustainability?	Category 5: Quality leadership & excellence strategies	Sri Lanka	Dinushi Abeysinghe
79	Application of T-Typed Matrix for Problem Solving in New Product Development (NPD) of Commercial Vehicles	Category 5: Quality leadership & excellence strategies	India	Kaushik Biswas
80	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)	Category 5: Quality leadership & excellence strategies	Japan	Dr. Noriaki Kano
82	Comparison of Similarities and Differences of QC Activities in Manufacturing Companies: Case Study from Sri Lanka	Category 8: Multidisciplinary Quality Insights	Sri Lanka	Dr Nirmali de Silva
86	Driving Sustainable Quality: Integrating TQM and FMA in R&D at Tata Motors – Commercial Vehicles	Category 5: Quality leadership & excellence strategies	India	Dr. Debabrata Giri

Abstract ID	Abstract Title	Category	Region	Presenter Name
88	ENHANCING QUALITY ASSURANCE THROUGH PRODUCTIVITY TOOLS IN SMES: A CASE STUDY FROM GAMPAHA DISTRICT, SRI LANKA	Category 5: Quality leadership & excellence strategies	Sri Lanka	Kaushalya Anurasiri
89	Effective Implementation of Daily Work Management in Manufacturing Organizations	Category 5: Quality leadership & excellence strategies	India	Dr.S.P.Mandaogane
92	Advancing Product and Process Maturity through QG15: A Structured Approach to Capability Assurance and Ramp-Up Readiness	Category 5: Quality leadership & excellence strategies	India	Kunal Krushnat Ghodake
94	Leveraging RPA for Customer On-Boarding process in Power Distribution Utility - Tata Power Delhi Distribution Limited	Category 3: Testing, certification, and global quality standards	India	Neeraj Kumar
95	Smart DT Planning- A Standardized Approach for Sustainable Future	Category 3: Testing, certification, and global quality standards	India	Gaurav Kumar
96	Reduction in Power Quality Complaints through TQM: A Case Study of Tata Power Delhi Distribution Ltd.	Category 7: Manufacturing excellence and customer focus	India	Sudhanshu Ranjan
104	ESG Framework implementation and quality excellence: a comprehensive review of industry performance across Sri Lankan manufacturing and service sectors	Category 5: Quality leadership & excellence strategies	Sri Lanka	Hemanthi Ranasinghe
105	Automotive Lightweight Composites Based on an Industrial Waste	Category 1: Sustainable quality and innovation	India	Dr. Aswini Kumar Mishra
106	A framework for Supply Chain Performance Measurement using Agentic AI approach	Category 2: Digital transformation and smart quality	India	Dr Ramaa A
107	Digitalized	Category 8: Multidisciplinary Quality Insights	Korea, South	Malikah
108	INSTITUTIONAL BEST PRACTICES for QUALITY ENHANCEMENT	Category 5: Quality leadership & excellence strategies	India	Dr. K. N. Subramanya
109	Resilience in Quality Assurance leveraging Total Quality Management	Category 5: Quality leadership & excellence strategies	India	AMIT KUMAR DAS
110	The EFQM 2025 model as a tool for evaluating quality assurance systems in education	Category 6: Quality in education, governance, and social impact	Russia	Ilya Rusakov
111	SDCA Cycle – A perpetual Source of Continuous Improvement	Category 5: Quality leadership & excellence strategies	India	Laxmikant Natu
113	Re-imagining Quality Management in the Digital Era: Impact, Evolution, and Future Skillsets	Category 2: Digital transformation and smart quality	India	Dr M A Narasimha Murthy

Abstract ID	Abstract Title	Category	Region	Presenter Name
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	Category 1: Sustainable quality and innovation	Vietnam	TRAN VAN LIENG
119	Evaluating the Effectiveness of Using New Media in Public Relations at Small and Medium Enterprises in Ho Chi Minh City	Category 5: Quality leadership & excellence strategies	Vietnam	Pham Xuan Thu
120	Leveraging Generative AI for Quality by Design: An Exploratory Study in Product Development	Category 1: Sustainable quality and innovation	India	Dr N S Narahari
121	Immersing Outcome-Based Education Practices to Enhance Student Engagement and Academic Quality in Engineering Education	Category 6: Quality in education, governance, and social impact	India	RAMYA R
122	AI-Driven Quality Management:Transforming Operational Excellence in the Digital Era	Category 2: Digital transformation and smart quality	India	N S NARAHARI
123	The Journey of Innovation: Developing a First of its kind Mechanical Whistle Counter for Domestic Pressure Cookers	Category 7: Manufacturing excellence and customer focus	India	Rana Chanda ,Natarajan Balamurugan ,Rajesh Raman
124	Integrating Design Thinking with AI and Digital Transformation	Category 2: Digital transformation and smart quality	Korea, South	Chang Hwa Baek
126	A Novel Criteria-Driven Framework for Selecting the Right Problem-Solving Tool to Streamline Manufacturing Process Improvements	Category 7: Manufacturing excellence and customer focus	Sri Lanka	Tharanga Nanayakkara
127	Order-Restricted Inference in Multi-Level Step-Stress Life Testing via Generalized Isotonic Regression	Category 8: Multidisciplinary Quality Insights	India	Sarat Sindhu Mukhopadhyay
128	Impact of Implementation of Teaching Excellence Quality Awards for Improving Program and Individual Quality: Evidence from Sri Lankan Case Study	Category 6: Quality in education, governance, and social impact	Sri Lanka	Susima Weligamage
129	Evaluating Financial Sustainability of World Vision Lanka: A Six-Year Trend Analysis of Revenue Sources and Expenditure Patterns	Category 6: Quality in education, governance, and social impact	Sri Lanka	C Dineshkanth/Ruwan Perera/Dinesh Fernando
133	Application of Asymmetry Measures in Process Control Systems	Category 2: Digital transformation and smart quality	Korea, South	SungUk Lim
134	Sales Acceleration of YST 210 TS Black (Excluding Aashiyana Sales) Through Channel Augmentation	Category 5: Quality leadership & excellence strategies	India	Sayandeb Mukherjee
135	Fractional Order Entropy-Based Decision-Making Models under Risk	Category 2: Digital transformation and smart quality	India	Poulami Paul

Abstract ID	Abstract Title	Category	Region	Presenter Name
137	Condition Based Monitoring and Innovation for Reducing Motor Failure in EOT Cranes	Category 2: Digital transformation and smart quality	India	Siddharth Prasad Panigrahi
138	Data-Driven Optimization of Coal Injection: A Six Sigma Framework for Blast Furnace Efficiency	Category 5: Quality leadership & excellence strategies	India	Saziya Ahasan
141	High Turn-Around Time for Invoice Processing - A Case Study Using Statistical Modelling and Machine Learning	Category 2: Digital transformation and smart quality	India	Dr. Moutushi Chatterjee
142	Modeling and Optimization of AWJM parameters using integrated Machine Learning and Evolutionary Algorithms	Category 2: Digital transformation and smart quality	India	Jagadish
144	Resolving Chronic Issue of Reducing Rake Unloading Delay on Account of Material Stickiness in Iron Ore Fines	Category 7: Manufacturing excellence and customer focus	India	Narayan Sharma
146	The Deming Journey: Strengthening Total Employee Involvement for Sustainable Quality Improvement	Category 5: Quality leadership & excellence strategies	India	S Anantha Ramakrishnan
151	Intelligent Surface Defect Identification using Deep Learning and Image Processing	Category 2: Digital transformation and smart quality	India	RIYA JAISWAL
152	Enhancing Waste Management through Digital Integration and QR-based Classification in a Medium-Sized Manufacturing Factory in Vietnam	Category 1: Sustainable quality and innovation	Vietnam	Thao Nguyen Luu
153	SOP Maturity Assessment Framework: A Practical Tool to Drive Adherence and a Defect-Free Culture	Category 3: Testing, certification, and global quality standards	India	Mahesh Hegde
156	Underwriting 4.0 – New Age Life Insurance Underwriting for enhancing Agility and Quality of business	Category 2: Digital transformation and smart quality	India	Srinivas Gajula
157	Building a Sustainable Problem-Solving Ecosystem: Systematic Approaches with People Involvement	Category 7: Manufacturing excellence and customer focus	India	Gunjesh Kumar
170	Bayesian reliability acceptance sampling plan sampling plans under adaptive accelerated type-II censored competing risk data	Category 8: Multidisciplinary Quality Insights	India	Rathin Das
171	Tracking Digital Quality: A Power BI-Driven Approach to Project Performance and Process Optimization	Category 2: Digital transformation and smart quality	India	Nikhitha Sunil
172	Enhancing Six Sigma DMAIC Methodology with Industry 4.0 Technologies: A Strategic Approach for Digital Quality Transformation	Category 2: Digital transformation and smart quality	India	Dr. E V Gijo
173	BQMM: A BHEL Quality Maturity Measurement Model to Evaluate and Enhance Effectiveness of Quality Management Systems	Category 5: Quality leadership & excellence strategies	India	Dr Durgesh Chandra Gupta
179	Enhancing Reliability through AI/ML-Driven Early Failure Mode Detection for Vehicle Engine Mounts	Category 2: Digital transformation and smart quality	India	Dr. Sandip Hazra

Abstract ID	Abstract Title	Category	Region	Presenter Name
180	Compliance to Performance - Digital Transformation	Category 5: Quality leadership & excellence strategies	India	SVN Narasimha Kumar
186	A Study on Improving the Quality of Online and Offline Work Environments for Employees with Disabilities	Category 5: Quality leadership & excellence strategies	Korea, South	Seungbeom Kim
189	Agile Quality Evolution in AI Products: Mapping Customer-Centric Ethics via the Kano Model Perspective	Category 8: Multidisciplinary Quality Insights	India	Dileesh Onniyil
190	PRAGMATIC APPROACH TO TQM IMPLEMENTATION FOR SUSTAINABLE GROWTH	Category 5: Quality leadership & excellence strategies	India	Venkatesan Swaminathan
192	A Quality-Driven Risk Analysis Approach Integrating Cybersecurity into DFMEA for AEB System Robustness	Category 7: Manufacturing excellence and customer focus	India	Rakesh Burde
198	Intelligent Interface Rule Digitization for Predictive Quality Management	Category 1: Sustainable quality and innovation	India	Sandip Borkar,Prasad Tare
202	Strengthening Food Safety and Market Access for Nepal's Food Businesses through FSMS	Category 3: Testing, certification, and global quality standards	Nepal	Sanil Joshi
204	A Framework for Sustainable Quality in Electric Vehicle Battery Durability	Category 1: Sustainable quality and innovation	India	Varun Khadake
205	Community-Driven Quality Initiatives – Nara De “Nara De Jivanta Hadigau Heritage Walk (Her Walk)”: A Significant Identity of Golden Civilizations – A Qualitative Perspective	Category 6: Quality in education, governance, and social impact	Nepal	Sanziev Sangroula , Bijay Lal Pradhan, Bijay Karmacharya ,
206	Empirical Investigation of Digital Transformation in Nepalese Banks: A Customer-Centric Quality Management Perspective	Category 8: Multidisciplinary Quality Insights	Nepal	Ayush Lataula, Sanziev Sangroula, Bijay Lal Pradhan
211	Diagnosing Organizational Effectiveness - A Roadmap toward Corporate Sustainability	Category 5: Quality leadership & excellence strategies	India	Venkatesan Swaminathan
215	Bridging the Gap: A Study of Maturity of Lean Awareness and Implementation in Mid Sized Hospitals in India	Category 4: Healthcare & life sciences quality: Asia’s role	India	Sarika Joshi and Shambhavi Joshi
219	Zero Defect Station Approach for Built In Quality	Category 5: Quality leadership & excellence strategies	India	Basavaraju H M
220	Clustering Commercial Vehicle Usage Patterns Using Telematics Data and Unsupervised Learning	Category 2: Digital transformation and smart quality	India	Indhirajith Radhakrishnan
221	Countershaft failure hypothesis creation and validation using telematics data	Category 2: Digital transformation and smart quality	India	TG Kishore
222	Sustainable product & Process innovation	Category 1: Sustainable quality and innovation	India	Thiyagarajan K
225	AREQP_Deepening Quality, Leaping Innovation: Creating an Outstanding Model in the Pump Industry	Category 8: Multidisciplinary Quality Insights	China	Andy Chen(CHEN YUNG CHI)

Abstract ID	Abstract Title	Category	Region	Presenter Name
229	Quality Models in the Function of Strengthening the Resilience of Supply Chains	Category 3: Testing, certification, and global quality standards	Croatia	Miroslav Drljača
230	AI-DRIVEN SUSTAINABLE QUALITY MANAGEMENT FOR INCLUSIVE CREATIVE CITIES: LEGAL AND POLICY PERSPECTIVES FROM ASIA WITHIN THE UNESCO CREATIVE CITIES NETWORK	Category 8: Multidisciplinary Quality Insights	Sri Lanka	Medha Sudaththa de Alwis
233	Upskilling of Woman Ready Made Garment (RMG) Workers for Sustainable Future: A Case Study of Sarathi Project of SWISSCONTACT Implemented by Rajesh Bheda Consulting	Category 5: Quality leadership & excellence strategies	India	Dr. Rajesh Bheda
234	Enhancing Quality through Daily Work Management	Category 8: Multidisciplinary Quality Insights	India	Ramachandra Reddy Chinnsani
235	Institutionalising a Structured & Systematic Education & Training Management System on TQM - CENQUEx Certification Course	Category 5: Quality leadership & excellence strategies	India	Pradeep Kumar Sharma
236	Human Eyes to AI – Cosmetic Inspection Journey of Tata Electronics	Category 2: Digital transformation and smart quality	India	Nagasubramanian Kothandaraman
237	ISO STANDARDS And QUALITY COMPLIANCE IN EMERGING SECTORS	Category 3: Testing, certification, and global quality standards	India	Madhavi Shrivastava
238	Empower Child parts by improving and monitoring SPC parameters through Real-Time AI based Process Quality Performance Prediction and Statistical Methods	Category 2: Digital transformation and smart quality	India	JEYARANI CHELLASWAMY
239	AI Powered - Computer Vision-Based Defect Detection and Configuration Verification in Manufacturing Systems	Category 2: Digital transformation and smart quality	India	Varun Bharti
240	Digitalized Spatial Quality (DSQ) in the Open Quality Paradigm: Concept and Implementation Framework	Category 8: Multidisciplinary Quality Insights	South korea	Wan Seon Shin