

# ANQ CONGRESS BENGALURU 2025

Hosted by Indian Society for Quality



Dates  
**November 3<sup>rd</sup> to 7<sup>th</sup> 2025**

Venue

**M S Ramaiah University  
of Applied Sciences,**  
M S R Nagar, Bengaluru  
560054, India



# INDIA



Theme  
**Quality  
Innovation  
forging a path  
to a  
Sustainable  
Future**

**“Powered by  
Asian Synergy”**

**Congress Secretariat Indian Society for Quality**

Prabhakar Shettigar

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709, Vipul Business Park, Main Sohna Road, Sector 48, Gurgaon -122018

**Professional Conference Manager**

Mr. Gaurav Sinha

[anqcongress2025@gmail.com](mailto:anqcongress2025@gmail.com)



## About ANQ Congress

The ANQ Congress serves as a unique platform that unites individuals from diverse backgrounds, fostering open dialogue, knowledge-sharing, and mutual respect, while collaboratively creating new value. This prestigious event brings together experts, scholars, and practitioners from various countries and industries to exchange fresh perspectives and innovative ideas through pioneering research and practical case studies in quality.

A highlight of the Congress is the presentation of esteemed awards, including the Ishikawa-Kano Award (IKA), the ANQ Recognition for Excellence in Quality Practice (ARE-QP), and the Asian Service Award (ASA). These honors celebrate individuals and organizations for exemplary achievements in the field of quality. They not only recognize excellence in applying global best practices but also embody an inspiring vision for the future of quality in Asia. By participating in the Congress, you'll have the opportunity to showcase your accomplishments, learn from others' experiences, and gain renewed motivation to elevate your own quality initiatives.

## ANQ Congress Bengaluru 2025

The 23rd Asian Network for Quality (ANQ) Congress will be held from November 3rd to 7th, 2025, in Bengaluru, India and being organized by Indian Society for Quality, a board member of ANQ. This is the third time ANQ Congress is being held in India (Previous ones were in the years 2004, 2010).

We are pleased to invite industry leaders, quality practitioners, quality management experts and researchers to participate and present papers at the ANQ.

Individuals interested in presenting a paper are required to submit an abstract first. Upon acceptance, they must complete the registration process, including payment of the registration fees, and submit the full paper. Additionally, registration will be open for those wishing to participate as delegates. For a detailed overview of the process, please visit <https://www.anq2025.in/>



## Welcome Messages

### From Chairperson, ANQ 2025



Dear ANQ Members, Distinguished Guests, and Quality Professionals,

It is with great honor and pleasure that I warmly welcome you all to the 2025 Asian Network for Quality (ANQ) Congress. This year, the congress will be held from November 3rd to 7th in Bengaluru, India, hosted by Indian Society for Quality (ISQ) at MS Ramaiah University of Applied Sciences.

The theme of this year's congress, "Quality Innovations Forging a Path to Sustainable Future – Powered by Asian Synergy", highlights the vision of achieving sustainable development in the Asian region through collaboration and innovation. In today's world, quality is no longer just a tool to improve products, services, and processes—it is a powerful force driving global and regional socio-economic development. The collaborative efforts of Asia exemplify ANQ's unwavering commitment to its mission.

Since its establishment in 2002, ANQ, guided by the philosophy of "Quality for Prosperity and Integration" has consistently promoted academic exchange and technological sharing, enhanced organizational competitiveness, and improved the well-being of people throughout Asia. As the hosting organization of the 23rd ANQ Congress, ISQ is dedicated to providing a diverse and innovative platform for participants to explore the latest advancements and achievements in the field of quality management.

*contd.....* **To read the complete the message** <https://www.anq2025.in/greetings.html>

Warm regards,

#### **Dr. Duan Yonggang**

Chairperson of Asian Network for Quality (ANQ)  
Executive Vice President and  
Secretary General of China  
Association for Quality (CAQ)

### From Chief Guest, ANQ 2025



The Asian Network for Quality (ANQ) Congress will be held in Bengaluru, southern India, from November 3 to 7, 2025. The Indian Society for Quality (ISQ) is hosting the event. We sincerely welcome the participation of members from the 20 ANQ organizations. The theme of this congress is as follows:

**Quality Innovations Forging a Path to a Sustainable Future:**

**"Powered by Asian Synergy."**

In today's business environment, driven by the rapid development and widespread adoption of AI, it is necessary to pursue **Quality Innovations** under new paradigms (frameworks/mechanisms) in addition to **Quality Improvement** based on the causal relationship model. Additionally, activities aimed at achieving a Sustainable Future are essential to addressing the urgent issue of global warming. In recognition of these business challenges, I believe this theme must be established, and I anticipate that the Congress will explore how **Asian Synergy** can contribute to these efforts.

Previous congresses were held **twice in Delhi**, India (in 2005 and 2012), but this time, the congress will take place **in Bengaluru**, a beautiful IT city in southern India. Unlike Delhi, which exudes a sense of history, Bengaluru offers a modern, urban image. I hope you enjoy the congress and the city.

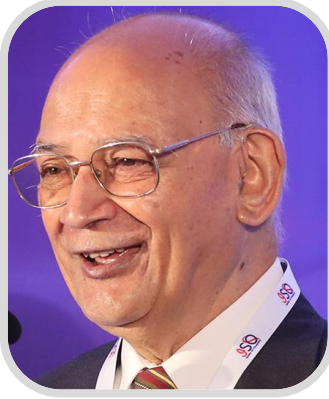
#### **Dr. Noriaki Kano**

Honorary Chairperson, ANQ



## Welcome Messages

### From Conference Chair 2025



Welcome to a unique Quality Conference that is designed for a great learning experience while contributing to harmony amongst various constituents of ANQ, the participants, and the nature. After learning from various world class presentations for 2 days, the participants from various regions of Asia present unique cultural experience on November 7, demonstrating

**Harmony in Diversity' an attribute of the Asian Way a subset of the ANQ Way.**

'This is defined as

*"Working in harmony with nature and amongst each other, sharing common interests; while respecting the diversity of language, culture, beliefs and living habits of different people. Creating a balance between the needs of the various stakeholders and ecological systems."*

**Contributing to the Human Life, the Goal of ANQ.**

#### Janak Mehta

Chairman Indian Society for Quality (ISQ)  
Honorary Chairperson ANQ

### From the ANQ Congress Chair 2025



Wishing success and happiness to all reading this column.

The 23rd Asian Network for Quality (ANQ) Congress will be held from November 3rd to 7th, 2025, in Bengaluru, India. ANQ, founded in 2002, comprises 20 quality-related organizations across Asia. Visit the ANQ website for more details.

Dr. Duan Yonggang (China Association for Quality) will serve as ANQ Chairperson (2025-26), alongside Honorary Chairpersons Dr. Kano Noriaki and Mr. Janak Kumar Mehta. Their messages will soon be published.

Hosted by the Indian Society for Quality (ISQ), this is India's third time hosting. I am honoured to serve as Program Chair.

The theme, "Quality Innovations Forging a Path to a Sustainable Future – Powered by Asian Synergy," invites deep studies, research, and practical applications in Quality Innovations, SDGs, and problem-solving tools across manufacturing, healthcare, education, services, and society.

The Congress welcomes 1,000+ global participants, including academicians, professionals, and students. Expect keynotes, panel discussions, networking, awards, and information kiosks, along with India's renowned hospitality and cuisine.

Our team is committed to an enriching experience. Save the dates and register soon!

#### Chandra Mouli S

Vice President – Quality Head – India, New Business  
Program Chair – ANQ Congress Bengaluru 2025  
SEG Automotive India Private Limited, Bengaluru, India



**ANQ CONGRESS**  
BENGALURU 2025



November 3<sup>rd</sup> to 7<sup>th</sup> 2025

M S Ramaiah University of Applied Sciences

*Thank you!*

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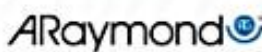
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## Steering Committee



**Janak Mehta**  
Chairman - ISQ  
Honorary Chairperson ANQ  
Chairman & MD TQMI  
Honorary Member and Past President IAQ



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President - ISQ  
Former Director : Mahindra Institute of Quality.  
Chief of Mfg Operations -  
Mahindra Auto and ED & CEO - MVML



**Kaniappan P**  
Vice President - ISQ  
MD, ZF Commercial Vehicle  
Control Systems India Ltd.



**Dr. Subramanya K N**  
Vice President - ISQ  
Principal, R V College of Engineering,



**Prabhakar Shettigar**  
Executive Director - ISQ



**N Ramanathan**  
Independent TQM counsellor,  
Academician, IAQ



**Dr. N Ravichandran**  
Ex-President of Lucas TVS , Consultant



**Dr. Duan Yonggang**  
Vice President & Secretary General  
of China Association for Quality (CAQ)  
ANQ Chairperson 2025-26



**J. Ravikant**  
Sr. VP & Head - Corporate TQM SRF Ltd,  
G C member



**Chandra Mouli S**  
Program Chair - ANQ Congress Bengaluru 2025  
Honorary Secretary - ISQ  
Vice President - Quality  
Head - India, New Business  
SEG Automotive India Private Limited, Bengaluru, India



# ANQ Congress Bengaluru 2025 (Schedule)

	DAY 1 - TUESDAY (NOVEMBER 4, 2025)	DAY 2 - WEDNESDAY (NOVEMBER 5, 2025)	DAY 3 - THURSDAY (NOVEMBER 6, 2025)	DAY 4 - FRIDAY (NOVEMBER 7, 2025)
	<b>Preconference Workshops</b> Complimentary for registered delegates/ speakers; limited seats (80), first come, first served.	<b>ANQ Congress 2025</b>		<b>Industry Visits</b>
	<b>08:30 - 09:00</b> - Registration	<b>08:30 - 09:15</b> - Registration	<b>08:30 - 09:00</b> - Registration	<b>09:00-17:00</b>
<b>Morning</b>	<b>09:00 - 13:00</b> (coffee break included) <b>Preconference workshop - I</b> <b>Topic:</b> "Managing People, The Quality Way" <b>Faculty: Mr. N Ramanathan</b> Quality is grounded on the principle of respect for people. This one principle stands all the standard HR textbook methods adopted by business schools and consultants on their head. Come, revolutionize the way people are led, nurtured, and enabled to do great deeds. Create an extraordinary and happy organization.	<b>09:15 - 12:15</b> (coffee break included) <b>Opening Plenary Part 1</b> Welcome addresses, Chief Guest's address Keynote speeches and ANQ Awards	<b>09:00 - 12:05</b> 6 to 8 parallel paper presentation sessions (coffee break included)	<b>Industry Visits</b>  Ather Energy Ltd Carl Zeiss India Ace Micromatic
	<b>Lunch (13:00 - 13:45)</b>	<b>Lunch (12:15 - 13:15)</b>	<b>Lunch &amp; Visit to poster presentations (12:05 - 13:20)</b>	
<b>Afternoon</b>	<b>14:00 - 17:00</b> (with inbetween break) <b>Preconference Workshop - II</b> <b>Topic:</b> Why do we need "Policy Management" in addition to "Daily Management"? <b>Faculty: Prof. Yukihiko Ando</b> Let us examine the distinctions between Policy Management (PM) and Daily Management (DM). Many organizations execute these systems in a mechanical manner rather than with meaningful intent. They generate a vast number of documents, making it harder to implement the strategies. Let us review some ineffective examples – and thus learn to do PM and DM really well.	<b>13:30 - 18:10</b> (coffee break included) 6 to 8 parallel paper presentation sessions (coffee break included)	<b>13:35 - 14:35</b> 6 to 8 parallel paper presentation sessions (coffee break included)  <b>14:50 - 17:30</b> <b>Closing Plenary</b> Keynote speech, Best Paper Awards & Closing  <b>17:30 - 18:30</b> Move to Gala Dinner at Sheraton Grand, Brigade Gateway	
<b>Evening</b>			<b>18:30 - 21:00</b> Cultural event & Gala Dinner at Sheraton Grand	



## Opening Plenary

SR#	TIME	EVENT
1	9:25 AM – 9:35 AM	Welcome by ISQ President: Mr Vijay Kalra
2	9:35 AM – 9:40 AM	Program Schedule & Guidelines
3	9:40 AM – 9:50 AM	Greetings from ANQ Chairperson 2025–2026 Dr. Duan Yonggang
4	9:50 AM – 10:05 AM	Message from ANQ Honorary Chairperson Mr. Janak Kumar Mehta
5	10:05 AM – 10:35 AM	Message from Chief Guest and ANQ Honorary Chairperson- Dr. Noriaki Kano,
6	11:25 AM - 11:45 AM	Keynote Address 1:Dr. Wan-Seon Shin, Hon Director ANQ and Dr. Yeongkong Ko, VP - HRD Institute, K-water, Korea
7	11:45 AM – 12:05 PM	Keynote Address 2: Dr. Shu Yamada, Hon. Director - ANQ
8	12:05 PM – 12:25 PM	Keynote Address 3: Ms. Wang Lin, Vice President of China Association for Quality (CAQ)

## RMC Auditorium

3rd Floor

M S Ramaiah University of Applied Sciences  
M S R Nagar, Bengaluru 560054, India





## Closing Plenary

SR#	TIME	EVENT
1	2:15 PM – 2:35 PM	Keynote Address 4: Dr. Pedro Saraiva, Director of PLANAPP, Centre for Planning & Evaluation of Public Policies, Govt of Portugal
2	2:35 PM - 2:55 PM	Keynote Address 5: Dr Ayed Al Amri, President, Saudi Quality Council
3	3:35 PM - 3:55 PM	Keynote Address 6: Dr Miroslav Drljača, President of Croatian Quality Managers Society
4	3:55 PM - 4:15 PM	Keynote Address 7: Mr. Kiran Deshmukh – Former CTO, Sona BLW Precision Forgings Ltd
5		ASA and AREQP Awards announced by Johnson Tan Swan San – SQI, Singapore
6	4:15 PM - 4:55 PM	Felicitation of Prof. Prem Motwani with IAQ Masing Book Prize
7		Ishikawa-Kano Silver Medal – announced by Mr. Janak Mehta,
8		ANQ best paper awards- announced by Mr. Chandra Mouli
9	4:55 PM - 5:00 PM	Announcement of ANQ Congress 2026 by CAQ
10	5:00 PM - 5:20 PM	Sponsors Felicitation
11	5:20 PM - 5:30 PM	Congress Summary & Closing remarks

### ANQ Medal and Award Winners

Description	Winner
<b>Ishikawa-Kano Silver Medal</b>	Mr. Qian Huang, Chairman of CNNP Nuclear Power Operations Management Co., Ltd.
<b>Asian Service Award (ASA)</b>	CSG Shenzhen Power Supply Co., Ltd.
<b>ANQ Recognition for Excellence in Quality Practice (ARE-QP Awards)</b>	<ol style="list-style-type: none"> <li>1. State Grid Hangzhou Xiaoshan Power Supply Company,</li> <li>2. CNNP Nuclear Power Operations Management Co., Ltd.</li> <li>3. WALRUS PUMP CO., LTD.</li> <li>4. National Research University "Moscow Power Engineering institute" (MPEI), Center of Expert Programs</li> </ol>

**6:05 PM onwards Cultural Event and Gala Dinner at Sheraton Grand Bangalore Hotel at Brigade Gateway**



## ANQ Best Paper Awards

The ANQ Best Paper Awards ceremony recognized paper contributions from across Asia, celebrating excellence in quality management and innovation. Papers from 10 countries—including India, Japan, Nepal, Singapore, South Korea, Sri Lanka, and Vietnam—were honored for their work spanning diverse topics across industries across industries and regions throughout Asia.

India	89	Effective Implementation of Daily Work Management in Manufacturing Organizations	Dr. Shrihari Mandaogane
India	16	Advancing Automotive Software Quality Assurance Through a Traceability-Driven Stage-Gate Framework	Isha Pathak, Bhushan Kothari and Preetam Merchant
India	46	Identification of Business Opportunities Through TQM, Leveraging Dr. Kano's Model of Sales	Mr. Amit Kumar Das , Mr. Shriram Sindgi , Mr. Nishant Devnani , Dr. Aswini Mishra
India	170	Bayesian Reliability Acceptance Sampling Plans under Adaptive Accelerated Type-II Censored Competing Risks Data	Rathin Das Soumya Roy Biswabrata Pradhan
India	34	A review and implementation of Digitalization (IoT) and CTQ Parameters Traceability in Automotive Electric Two-wheeler Chassis Welding Line	Sudhagar S, Subin Thomas, Sabari Sathyan, Rajesh Budashetty and Varunkumar C
Japan	25	A Study on the Update Method of the Blood Collection Difficulty. Decision Flow to Improve Outpatient Blood Collection Operations	Ayuto Sakamoto, Ryoko Shimono, Taichi Abe, Emi Inumaru, Masahiko Munechika
Japan	28	Optimal Maintenance and Component Reallocation Policies for Cold Standby Systems under a Markov Decision Framework	Tatsuya Fukuda, Lu Jin
Nepal	206	Empirical Investigation of Digital Transformation in Nepalese Banks: A Customer Centric Quality Management Perspective	Ayush Lataula, Sanjeeb Sangroula, Bijay Lal Pradhan
Singapore	20	Productivity Improvement in Logistics Industry Through Lean Six Sigma Methodology	Meng Ken TOO
South Korea	107	Digitalized Spatial Quality (DSQ) in the Open Quality Paradigm: Concept and Implementation Framework	Malikah, Yoon Jiyoung, Go JaeYou, Shin Wan Seon
Sri Lanka	126	A Novel criteria driven frame working for selecting in appropriate problem solving tool to stream line manufacturing process evaluation.	Tharanga Nanayakkara
Vietnam	117	A New Approach with Innovation Resistance Theory (IRT) for Downstream Chocolate Businesses in Vietnam.	TRAN VAN LIENG



## Our Speakers



### **N. Ramanathan**

Independent counsellor  
Quality based Management  
Trustee, VP Examining - IAQ

**N. Ramanathan** is a prominent figure in the field of Total Quality Management (TQM). He is a founder member and past President of the Indian Society for Quality (ISQ). Ramanathan is also an Academician and board member of the International Academy for Quality (IAQ). He is known for his work in promoting quality management in India and internationally, including his role in the Deming Prize challenges and his contributions to the IAQ's think tanks on quality.

Ramanathan has received several awards:

Edwards Medal from the American Society for Quality (ASQ) for outstanding leadership, Dronacharya Award from ISQ for leadership in guiding Indian organizations, Ishikawa-Kano Award - Silver Medal of ANQ for long-term contributions to quality and many more.

#### **Synopsis of Speech:**

#### **Managing People, The Quality Way**

Quality is grounded on the principle of respect for people.

This one principle stands all the standard HR textbook methods adopted by business schools and consultants on their head.

Come, revolutionize the way people are led, nurtured, and enabled to do great deeds. Create an extraordinary and happy organization!



### **N. Ramanathan**

Independent counsellor  
Quality based Management  
Trustee, VP Examining - IAQ

**Yukihiro Ando** is a leading expert in Total Quality Management with extensive experience in improving organizational performance. He is a Trusty and an Academician for the International Academy for Quality (IAQ), a QC Instructor for JUSE, a lead examiner of Deming Prize committee. He has been consulting for corporations, independently and as a member of a consulting team led by quality gurus like Prof. Noriaki Kano and others.

He guided many Indian Industries like Ashok Leyland, Elgi Equipment, Tata Steel etc. to get the Deming Prize. He published a book "Daily Management The TQM Way"

He is the recipient of many prestigious awards like Ishikawa Kano Silver Medal, JSQC Fellow, IAQ Masing Book Medal and many more.

#### **Synopsis of Speech:**

#### **Why do we need "Policy Management" in addition to "Daily Management"?**

Let us examine the distinctions between Policy Management (PM) and Daily Management (DM).

Many organizations execute these systems in a mechanical manner rather than with meaningful intent.

They generate a vast number of documents, making it harder to implement the strategies.

Let us review some ineffective examples - and thus learn to do PM and DM really well.



## Our Speakers



**Dr. Noriaki Kano** is well known across the world as creator of the Kano Model, a groundbreaking framework for understanding customer. He evolutionized Total Quality Management with a focus on customer delight. He is a PhD in Engineering from the University of Tokyo; Professor Emeritus at Tokyo University of Science.

He has contributed to quality improvement initiatives in around 60 countries; held leadership roles in JUSE, JSQC, ANQ, AOTS and more. For his great contribution, he is the recipient of the Deming Prize for Individuals, IAQ Quality Laureate Award, ASQ Medals and many others.

Dr. Kano has authored Guide to TQM in Service Industries (1996), widely used in service and manufacturing sectors.

### Dr. Noriaki Kano

Hon. Chairperson – ANQ  
Hon. Member – IAQ, ASQ & JSQC  
Professor Emeritus at Tokyo  
University of Science



**Dr. Duan Yonggang** is Executive Vice President of China Association for Quality (CAQ), Companion of International Academy for Quality (IAQ), and the current Chairperson of Asian Network for Quality (ANQ).

He has long focused on quality management and brand development, contributing to progress in quality improvement and brand building in China while fostering international exchange and collaboration. Under his leadership, CAQ delivers professional services that enable enterprises to improve quality performance and build stronger brands, empowering Chinese companies to achieve breakthroughs, sharpen their competitiveness, and enhance resilience for long-term growth

### Dr. Duan Yonggang

Chairperson – ANQ  
Executive Vice President – CAQ  
Companion Member of IAQ



**Janak Mehta** brings over six decades of leadership in business and Total Quality Management, including 25 years as a Chief Executive and 35 years as a global consultant. He was instrumental in developing India's quality infrastructure and has advised other nations on similar initiatives.

Internationally, he has championed the quality movement as President and Chair of the International Academy for Quality (IAQ), Chairperson of the Asian Network for Quality (ANQ), and collaborations with ASQ, EOQ, JUSE, MEQA, and APQO. He also served as the founding President of the Indian Society for Quality

### Janak Mehta

CMD- TQMI, Chairman – ISQ  
Honorary Chairperson – ANQ  
Honorary member – IAQ



## Our Speakers: Key Note 1



**Dr. Shin**, an IAQ academician and professor at Sungkyunkwan University, specializes in Systems Management Engineering. He has led major organizations including ANQ, KSQM, and the Korean Society for Public Enterprises, and served on the board of Samsung Engineering. His work spans quality management, leadership, and technology commercialization, with over 200 organizations benefiting from his consulting and educational initiatives.

### **Dr. Yeongkong Ko**

Vice President of HRD Institute K-water



**Dr. Ko** is Vice President of the HRD Institute at K-water, Korea's national agency for water resources. He has led major initiatives in AI-driven competency development, HR system transformation, and international education consulting—including programs in Uganda, Mozambique, Central America, and Lao PDR. His work bridges innovation, capacity building, and global collaboration in water management.

### **Dr. Wan Seon shin**

Professor, Systems Management Engineering  
Sungkyunkwan University Former Chairperson – ANQ

#### Synopsis of Speech:

### **K-Water's Digital Transformation Journey and Korea National Survey**

K-water's digital transformation demonstrates how strategic use of AI and smart technologies can elevate quality management and sustainability in the water sector. This keynote highlights K-water's journey from traditional operations to global leadership, featuring AI-powered water treatment, smart network management, and digital twin platforms. These innovations have improved operational efficiency, water quality, and resilience against climate risks, while delivering measurable environmental and economic benefits. K-water's success underscores how quality professionals can drive impactful change by integrating technology with continuous improvement. The presentation offers insights and inspiration for leveraging AI to achieve sustainable quality excellence in critical infrastructure sectors. Along with the K-Water case study, a Korea national survey for Digital Quality Management (DQM) will be also presented. The national survey study was conducted last year for 508 manufacturing companies and 216 service companies. The overall survey results and key findings will be disclosed here to help the global practitioners enhance diverse DQM initiatives in the digital era.



## Our Speakers: Key Note 2



**Prof. Shu Yamada** is a distinguished expert in industrial and systems engineering, currently serving as Professor at Keio University. With over three decades of academic leadership across institutions including the University of Tsukuba and Tokyo University of Science, he has advanced research in quality management, data science, and social infrastructure. He holds a doctorate in engineering and has authored influential books and numerous papers on statistical design and analysis. Prof. Yamada is a two-time recipient of the Nikkei QC Literature Prize and has earned national honors for his contributions to industrial standardization. His work continues to shape the future of engineering education and applied statistics in Japan.

### **Prof. Shu Yamada**

Professor  
Faculty of Science & Technology,  
Dept of Industrial & Systems Engg (Yagami)  
Keio University  
Hon. Director - ANQ

### **Synopsis of Speech:**

#### **Total Quality Management in the AI and DX Era**

#### **Keep the principles the same, change the implementation methods**

Advances in AI and DX hold the potential to become a driving force for more effective Total Quality Management (TQM). While maintaining fundamental principles such as customer-oriented management objectives, total employee involvement, and the process approach, it is desirable to evolve TQM practices using AI and DX to effectively achieve Management objectives. For example, the application of AI and DX to improvement activities and utilization in exploring latent customer needs are expected. Additionally, AI and DX can enhance daily management, such as through anomaly detection and reporting. This speech will explain key activities of TQM based on Deming Prize criteria. It will then describe how the same fundamental principles can be utilized to achieve business objective by using AI and DX across the key activities: determining and deploying customer-oriented management objectives, exploring latent requirements, daily management, improvement, and quality assurance systems. Finally, we will summarize TQM from the perspective of What must remain unchanged in the AI and DX era and what should be changed precisely because of the AI and DX era.



## Our Speakers: Key Note 3



### **Wang Lin**

Vice President  
China Association for Quality (CAQ)

**Ms. Wang Lin**, Vice President of China Association for Quality (CAQ), leads CAQ's branding efforts. With longstanding expertise in branding and quality management, she has authored "Mirror: Decoding the Success of World-Class Brands," "Leading the Era of Intelligent Manufacturing," and "Total Brand Management," and has published hundreds of papers in Chinese journals.

She has led multiple research projects on brand theory and practice for Chinese enterprises, advancing high-quality development in manufacturing and the building of world-class brands..



## Our Speakers: Key Note 4



Since August 2024, **Dr. Pedro Saraiva** has served as Director of PLANAPP, Portugal's Centre for Planning and Evaluation of Public Policies, reporting to the Minister of the Presidency. A globally recognized leader in quality management, he has received prestigious honors including the Feigenbaum Award (ASQ), Yoshio Kondo Award (IAQ), Grant Medal (ASQ), and Georges Boreal Award (EOQ).

Dr. Saraiva is a Fellow of ASQ and the Portuguese Charter of Engineers, Honorary Associate of APQ, and Member of the Portuguese Academy of Engineering. He has held leadership roles in IAQ, APQ, EOQ, and ASQ, including President of APQ and First Vice-President of EOQ.

He has led quality and excellence initiatives across sectors and regions, including collaborations with OECD, the European Commission, and accreditation agencies in Oman and Mauritius.

### **Dr. Pedro Saraiva**

Director of PLANAPP, Centre for Planning & Evaluation of Public Policies  
Govt of Portugal  
Academician, IAQ

### **Synopsis of Speech:**

"In an era shaped by digital transformation, data abundance, and societal challenges, the concept of QUALITY 5.0 emerges as a strategic framework which can namely guide public policy toward sustainable impact, societal excellence and macroquality.

After the introduction of such main concepts, we will explore the pioneering experience of PLANAPP – Portugal's Centre for Planning and Evaluation of Public Policies, highlighting how quality principles are being embedded into the formulation, foresight, planning, monitoring, evaluation and impact assessment of public policies for Portugal, under the core of the PLANAPP purpose (Good Public Policies, Better Society).

Drawing from over 100 active initiatives, including AI roadmaps, foresight exercises, green budgeting, and impact narratives, the presentation will showcase how PLANAPP fosters coherence, alignment, and innovation across multiscale p horizons—from short-term budgetary cycles to long-term national strategies. Emphasis will be placed on the integration of data-driven methodologies, stakeholder engagement, and sustainability goals aligned with the UN SDGs.

By connecting the evolution from QUALITY 4.0 to QUALITY 5.0, this keynote invites reflection on how public institutions can leverage quality to build inclusive, resilient, and future-ready societies. The PLANAPP journey offers valuable insights for quality professionals worldwide, especially in the context of Society 5.0."



## Our Speakers: Key Note 5



Dr. Ayed Alamri is a seasoned expert in quality and business excellence with over 30 years of experience across industry, academia, and national initiatives. He is an Academician Member of the International Academy for Quality (IAQ), a Senior Member of ASQ, and former Chairman of Middle East Quality Associates (MEQA).

He led the development of Saudi Arabia's National Quality Strategy under SASO and has played a key role in shaping and judging regional excellence awards, including serving as Jury Chairman for two cycles of the King Abdulaziz Quality Award (KAQA).

He spent 27 years in the aviation sector, culminating as General Manager of Bilateral & Commercial Agreements at Saudi Airlines. He holds a Ph.D. in Business Process Re-engineering from the University of Huddersfield and is trained as an industrial engineer.

### **Dr. Ayed Alamri**

Consultant – Quality & BE  
President, Saudi Quality Council (SQC)  
Academician, IAQ

### **Synopsis of Speech:**

Saudi Arabia is embarking on its ambitious vision 2030 to be a leading country in the Middle East and worldwide. The national quality movement in Saudi Arabia is an integral part of this journey and one of the key enablers to achieve vision 2030. In this presentation, Dr. Alamri, who has been involved in the quality movement in Saudi Arabia for more than 30 years will shed light on the Saudi government efforts to build a strong national quality infrastructure supported by a lot of quality initiatives on a nationwide such as the national quality award, national quality conference, and establishment of national quality strategy which consider one of the unique and ambitious initiative in the field of quality worldwide. Also, Dr. Alamri will present the leadership role played by Saudi Quality Council (SQC) in promoting the quality culture in the society and advancing the continuous learning and professional development and networking among the quality community in Saudi Arabia.



## Our Speakers: Key Note 6



**Dr. Miroslav Drljača** is a leading authority in quality management and civil aviation, with 40 years of professional experience and over 30 years dedicated to quality systems. He has lectured at nine universities across Croatia and the U.S., published 230 papers, and participated in 127 international conferences.

He served on the Scientific Council for Transport at the Croatian Academy of Sciences and Arts (2013–2019) and holds distinguished memberships in EOQ, ASQ, and IAQ (Academician, Board Member). He founded and led the Middle and South-East European Countries Quality Initiative and currently presides over the Croatian Quality Managers Society. He has contributed to numerous scientific boards and led the national project for implementing quality management in Croatian public administration. His work has earned multiple honors, including two lifetime achievement awards.

### **Dr. sc. Miroslav Drljača**

President of Croatian Quality Managers Society  
ASQ member, EOQ member  
IAQ – Academician (Board member)  
City of Velika Gorica, Croatia, EU gs Ltd.

### **Synopsis of Speech:**

Supply chains operate at multiple levels local, national, international or global. All levels of supply chains are affected by contextual circumstances, especially global ones. In recent years, several circumstances have significantly changed the context of supply chains. This has shown that supply chains are highly exposed to risks and vulnerabilities and that continuous work is needed to strengthen their resilience. Circumstances such as the COVID-19 pandemic, the blockade of the Suez Canal, and the war in Ukraine have caused disruptions in supply chains. As a result of the disruptions, there have also been disruptions in the world market for most goods. Disruptions in the supply chains of strategic products such as food, medicines and medical equipment, and energy represent a major problem, as they significantly affect the quality of life of everyone on the planet. The purpose of this paper is to design three original models, the implementation of which should significantly reduce the damage caused by supply chain disruptions in future crises: a model for organizations, a national economy model, and a global model. By applying scientific methods of cognition, the author comes to the research results, that by applying a quality model with four components (methods, measures, quality tools and indicators), the resilience of supply chains increases, which can significantly reduce damage in future crises and prevent a decline in the quality of life of everyone on the planet.



## Our Speakers: Key Note 7



**Kiran Deshmukh** is a visionary in automotive technology and quality management with nearly 50 years of leadership in R&D, manufacturing excellence, and strategic transformation. Former CTO of Sona Comstar, driving global EV innovation and operational excellence. He is a B.Tech, Metallurgical Engineering from IIT Bombay (1975)

He is an expert in Machine Learning & Causal Inference, TPS, TQM, TPM & Deming Prize (2003), EV Strategy & Product Innovation, Board Governance & ESG, Capability Development (VLFM, Sona Skill Centre)

He was in several leadership positions as CTO, Sona Comstar, Executive Vice Chairman, Sona Koyo, Governing Council, FITT IIT Delhi, Faculty, VLFM Program.

He was honored with Ashoka Award (2006), Ishikawa-Kano Silver Medal (2022), Dr. Krishan Kumar Award (2022–23)

His publications include - Conceptual Thinking in Daily Life (JICA-CII, 2017)

### **Kiran Deshmukh**

Former CTO,  
Sona BLW Precision Forgings Ltd.

### **Synopsis of Speech:**

Artificial Intelligence has achieved remarkable success in predicting outcomes from data, yet it often lacks the ability to explain why those outcomes occur. This keynote introduces the emerging field of Causal AI—an approach that goes beyond correlation to uncover the true cause-and-effect relationships behind observed patterns. The speaker explores how causal reasoning, grounded in modern graphical models and counterfactual logic, empowers AI systems to simulate interventions, test “what-if” scenarios, and yield deeper insights for informed decision-making. The session highlights how these advances are transforming fields as diverse as healthcare, policy, and manufacturing quality improvement. The address concludes with a call for a new paradigm in AI—one that moves from predicting the future to understanding it.



# Presentation Schedule

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: F19 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	239	
Hall 2: F20 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	237	129	
Hall 3: F21 Category 2: Digital transformation and smart quality Category 8: Multidisciplinary Quality Insights	124	137	151	59	202	8	18
	133	141	171	117	206	30	
	135	142	172	156	157	34	
Hall 4: F23 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	17
	9	94	229	35	215	82	
	17	95	239	37	205	107	
Hall 5: MDP02 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: F24 Category 5: Quality leadership & excellence strategies Category 8: Multidisciplinary Quality Insights	86	92	109	192	233	234	18
	88	104	111	211	235	240	
	89	108	119	219	73	199	
Hall 7: F25 Category 7: Manufacturing excellence and customer focus	20	39	123				9
	27	53	126				
	36	96	144				
<b>Updated as on 01 November 2025, 11:50PM</b>							<b>115</b>



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## Session 1 Schedule

Session 1, 05 Nov 2025, 02:15 to 03:15 PM					
Hall	Time	ID	Presenter	Country	Title
Hall 1 Category 1: Sustainable quality and innovation	02:15 to 02:35	14	Chandana Perera	Sri Lanka	Environmental Sustainability through Industry 4.0: Evidence from the Manufacturing Sector in a Developing Country Context
	02:35 to 02:55	54	Kalidhasan S K	India	Sustainable Iron Making in Mini Blast Furnaces: Process Optimization for Carbon Footprint reduction
	02:55 to 03:15	74	Ravi Kumar	India	BarricadeX: An Innovative and Sustainable Alternative to Single-Use Plastic Barricading Tape
Hall 2 Category 2: Digital transformation and smart quality	02:15 to 02:35	16	Isha Pathak	India	Advancing Automotive Software Quality Assurance Through a Traceability-Driven Stage-Gate Framework
	02:35 to 02:55	21	Haruki Nagami	Japan	Proposal of a Zero-Shot Segmentation Method with Boundary Quality Consideration via Weighted Residual Connections
	02:55 to 03:15	24	Suwa Haruya	Japan	Node Distribution-Aware Hierarchical Reinforcement Learning for Large-Scale Traveling Salesman Problems
Hall 3 Category 2: Digital transformation and smart quality	02:15 to 02:35	124	Chang Hwa Baek	South Korea	Integrating Design Thinking with AI and Digital Transformation
	02:35 to 02:55	133	SungUk Lim	South Korea	Application of Asymmetry Measures in Process Control Systems
	02:55 to 03:15	135	Poulami Paul	India	Fractional Order Entropy-Based Decision-Making Models under Risk
Hall 4 Category 3: Testing, certification, and global quality standards	02:15 to 02:35	7	Vijay Sardana	India	ISO Standards for the Semiconductor Intellectual Property (IP) Solutions for Complex Systems-on-Chip (SoC) Design in Road Vehicles
	02:35 to 02:55	9	Ayush Kumar Pathak	India	Transforming Grid Planning with Solar Energy
	02:55 to 03:15	17	Kaito Ishii	Japan	Proposal for Standard Component Selection Guidelines Using Workload Surveys to Promote Standardization in Document Preparation
Hall 5 Category 5: Quality leadership & excellence strategies	02:15 to 02:35	46	AMIT KUMAR DAS	India	Identification of business opportunities through TQM, leveraging Dr. Kano's Model of Sales
	02:35 to 02:55	49	Gurpreet Kaur	India	BEMI as a Technique to Gauge Effectiveness of TQM
	02:55 to 03:15	63	Sanjeev Kumar Rana	India	Digital Transformation of Smart Metering rollout in Power Distribution Company
Hall 6 Category 5: Quality leadership & excellence strategies	02:15 to 02:35	86	Dr. Debabrata Giri	India	Driving Sustainable Quality: Integrating TQM and FMA in R&D at Tata Motors – Commercial Vehicles
	02:35 to 02:55	88	Kaushalya Anurasiri	Sri Lanka	ENHANCING QUALITY ASSURANCE THROUGH PRODUCTIVITY TOOLS IN SMES: A CASE STUDY FROM GAMPAHA DISTRICT, SRI LANKA
	02:55 to 03:15	89	Dr.S.P.Mandao gane	India	Effective Implementation of Daily Work Management in Manufacturing Organizations
Hall 7 Category 7: Manufacturing excellence and customer focus	02:15 to 02:35	20	Meng Ken TOO	Singapore	Productivity Improvement in Logistics Industry Through Lean Six Sigma Methodology
	02:35 to 02:55	27	Kotaro Kobayashi	Japan	A Proposal for Visualizing and Improving Product-Level Labor Costs in Small-Scale Food Manufacturing
	02:55 to 03:15	36	Yuki Suzuki	Japan	Prediction of Nuclear Receptor Activation Using Statistical Methods and Machine Learning



Location QR



## Session 2 Schedule

Session 2, 05 Nov 2025, 03:30 to 04:30 PM					
Hall	Time	ID	Presenter	Country	Title
Hall 1 Category 1: Sustainable quality and innovation	03:30 to 03:50	105	Dr. Aswini Kumar Mishra	India	Automotive Lightweight Composites Based on an Industrial Waste
	03:50 to 04:10	120	Dr N S Narahari	India	Leveraging Generative AI for Quality by Design: An Exploratory Study in Product Development
	04:10 to 04:30	152	Thao Nguyen Luu	Vietnam	Enhancing Waste Management through Digital Integration and QR-based Classification in a Medium-Sized Manufacturing Factory in Vietnam
Hall 2 Category 2: Digital transformation and smart quality	03:30 to 03:50	29	Taishiro Takashi	Japan	Proposal of an Off-Policy Evaluation Method Considering the Entire Reward Distribution in Large Action Spaces
	03:50 to 04:10	57	Kiran Deshmukh	India	Causal Modeling of TQM Program Impact on Cost of Quality in Manufacturing
	04:10 to 04:30	61	Prathamesh Pawar	India	Automating Coil Defect Detection and Process Optimization in Compact Strip Production Line Using Machine learning
Hall 3 Category 2: Digital transformation and smart quality	03:30 to 03:50	137	Siddharth Prasad Panigrahi	India	Condition Based Monitoring and Innovation for Reducing Motor Failure in EOT Cranes
	03:50 to 04:10	141	Dr. Moutushi Chatterjee	India	High Turn-Around Time for Invoice Processing - A Case Study Using Statistical Modelling and Machine Learning
	04:10 to 04:30	142	Jagadish	India	Modeling and Optimization of AWJM parameters using integrated Machine Learning and Evolutionary Algorithms
Hall 4 Category 3: Testing, certification, and global quality standards	03:30 to 03:50	23	Yusei Karino	Japan	Proposal of a Risk Analysis Framework for Identifying Company-Specific and Industry-Level Risks in Securities Reports
	03:50 to 04:10	94	Neeraj Kumar	India	Leveraging RPA for Customer On-Boarding process in Power Distribution Utility - Tata Power Delhi Distribution Limited
	04:10 to 04:30	95	Gaurav Kumar	India	Smart DT Planning- A Standardized Approach for Sustainable Future
Hall 5 Category 5: Quality leadership & excellence strategies	03:30 to 03:50	40	Keita Kurihara	Japan	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)
	03:50 to 04:10	80	Dr. Noriaki Kano	Japan	Theory: Proposal of the T Matrix for Problem Solving in New Product Development
	04:10 to 04:30				
Hall 6 Category 5: Quality leadership & excellence strategies	03:30 to 03:50	92	Kunal Krushnat Ghodake	India	Advancing Product and Process Maturity through QG15: A Structured Approach to Capability Assurance and Ramp-Up Readiness
	03:50 to 04:10	104	Hemanthi Ranasinghe	Sri Lanka	ESG Framework implementation and quality excellence: a comprehensive review of industry performance across Sri Lankan manufacturing and service sectors
	04:10 to 04:30	108	Dr. K. N. Subramanya	India	INSTITUTIONAL BEST PRACTICES for QUALITY ENHANCEMENT
Hall 7 Category 7: Manufacturing excellence and customer focus	03:30 to 03:50	39	Yoichi Seki	Japan	Defect Risk Identification of Multilayer Printed Wiring Board Using 3-dimensional Window Index
	03:50 to 04:10	53	Kirubanand G	India	Process Innovations for Managing High-Mn and High-P Hot Metal in EOF Steelmaking for SBQ grade steel production
	04:10 to 04:30	96	Sudhanshu Ranjan	India	Reduction in Power Quality Complaints through TQM: A Case Study of Tata Power Delhi Distribution Ltd.



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## Session 3 Schedule

Session 3, 05 Nov 2025, 04:55 to 05:55 PM					
Hall	Time	ID	Presenter	Country	Title
Hall 1 Category 1: Sustainable quality and innovation	04:55 to 05:15	198	Sandip Borkar, Prasad Tare	India	Intelligent Interface Rule Digitization for Predictive Quality Management
	05:15 to 05:35	204	Varun Khadake	India	A Framework for Sustainable Quality in Electric Vehicle Battery Durability
	05:35 to 05:55	222	Thiyagarajan K	India	Sustainable product & Process innovation
Hall 2 Category 2: Digital transformation and smart quality	04:55 to 05:15	106	Dr Ramaa A	India	A framework for Supply Chain Performance Measurement using Agentic AI approach
	05:15 to 05:35	113	Dr M A Narasimha Murthy	India	Re-imagining Quality Management in the Digital Era: Impact, Evolution, and Future Skillsets
	05:35 to 05:55	122	N S NARAHARI	India	AI-Driven Quality Management: Transforming Operational Excellence in the Digital Era
Hall 3 Category 2: Digital transformation and smart quality	04:55 to 05:15	151	RIYA JAISWAL	India	Intelligent Surface Defect Identification using Deep Learning and Image Processing
	05:15 to 05:35	171	Nikhitha Sunil	India	Tracking Digital Quality: A Power BI-Driven Approach to Project Performance and Process Optimization
	05:35 to 05:55	172	Dr. E V Gijo	India	Enhancing Six Sigma DMAIC Methodology with Industry 4.0 Technologies: A Strategic Approach for Digital Quality Transformation
Hall 4 Category 3: Testing, certification, and global quality standards	04:55 to 05:15	153	Mahesh Hegde	India	SOP Maturity Assessment Framework: A Practical Tool to Drive Adherence and a Defect-Free Culture
	05:15 to 05:35	229	Miroslav Drljača	Croatia	Quality Models in the Function of Strengthening the Resilience of Supply Chains
	05:35 to 05:55	239	Varun Bharti	India	AI Powered - Computer Vision-Based Defect Detection and Configuration Verification in Manufacturing Systems
Hall 5 Category 5: Quality leadership & excellence strategies	04:55 to 05:15	72	Akancha Shukla and Jitendra Masarguppi	India	Sustainable Business Growth through TQM Application in an Auto Component Company
	05:15 to 05:35	75	Dinushi Abeysinghe	Sri Lanka	Does People's Skill Development for Quality Enhancement Drive Organization Productivity and Sustainability?
	05:35 to 05:55	79	Kaushik Biswas	India	Application of T-Typed Matrix for Problem Solving in New Product Development (NPD) of Commercial Vehicles
Hall 6 Category 5: Quality leadership & excellence strategies	04:55 to 05:15	109	AMIT KUMAR DAS	India	Resilience in Quality Assurance leveraging Total Quality Management
	05:15 to 05:35	111	Laxmikant Natu	India	SDCA Cycle – A perpetual Source of Continuous Improvement
	05:35 to 05:55	119	Pham Xuan Thu	Vietnam	Evaluating the Effectiveness of Using New Media in Public Relations at Small and Medium Enterprises in Ho Chi Minh City
Hall 7 Category 7: Manufacturing excellence and customer focus	04:55 to 05:15	123	Rana Chanda, Natarajan Balamurugan, Rajesh Raman	India	The Journey of Innovation: Developing a First of its kind Mechanical Whistle Counter for Domestic Pressure Cookers
	05:15 to 05:35	126	Tharanga Nanayakkara	Sri Lanka	A Novel Criteria-Driven Framework for Selecting the Right Problem-Solving Tool to Streamline Manufacturing Process Improvements
	05:35 to 05:55	144	Narayan Sharma	India	Resolving Chronic Issue of Reducing Rake Unloading Delay on Account of Material Stickiness in Iron Ore Fines



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## Session 4 Schedule

Session 4, 06 Nov 2025, 09:00 to 10:00 AM					
Hall	Time	ID	Presenter	Country	Title
Hall 1 Category 8: Multidisciplinary Quality Insights	09:00 to 09:20	6	Sogo Sakaguchi	Japan	Comparison of Average Treatment Effects Using Multiple Causal Inference Methods
	09:20 to 09:40	28	Tatsuya Fukuda	Japan	Optimal Maintenance and Component Reallocation Policies for Cold Standby Systems under a Markov Decision Framework
	09:40 to 10:00	31	Erika Shigeeda	Japan	Designing Human Resource Systems in a Construction Startup: A Case Study of a Multinational BPO Company
Hall 2 Category 2: Digital transformation and smart quality	09:00 to 09:20	179	Dr. Sandip Hazra	India	Enhancing Reliability through AI/ML-Driven Early Failure Mode Detection for Vehicle Engine Mounts
	09:20 to 09:40	220	Indhirajith Radhakrishnan	India	Clustering Commercial Vehicle Usage Patterns Using Telematics Data and Unsupervised Learning
	09:40 to 10:00	221	TG Kishore	India	Countershaft failure hypothesis creation and validation using telematics data
Hall 3 Category 6: Quality in education, governance, and social impact	09:00 to 09:20	110	Ilya Rusakov	Russia	The EFQM 2025 model as a tool for evaluating quality assurance systems in education
	09:20 to 09:40	117	TRAN VAN LIENG	Vietnam	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
	09:40 to 10:00	156	Srinivas Gajula	India	Underwriting 4.0 – New Age Life Insurance Underwriting for enhancing Agility and Quality of business
Hall 4 Category 4: Healthcare & life sciences quality: Asia's role	09:00 to 09:20	25	Ayuto Sakamoto	Japan	A Study on the Update Method of the Blood Collection Difficulty Decision Flow to Improve Outpatient Blood Collection Operations
	09:20 to 09:40	35	Shunsuke Hirano	Japan	Designing the Mechanism of Serious Injury Accidents in Childcare Facilities - Detailed Mechanism Based on Children's Play and Motion –
	09:40 to 10:00	37	Soya Chino	Japan	Designing an ADL Acquisition Process Corresponding to the Functional Independence Measure (FIM) in Rehabilitation after Cerebrovascular Disease
Hall 5 Category 5: Quality leadership & excellence strategies	09:00 to 09:20	134	Sayandeb Mukherjee	India	Sales Acceleration of YST 210 TS Black (Excluding Aashiyana Sales) Through Channel Augmentation
	09:20 to 09:40	138	Saziya Ahasan	India	Data-Driven Optimization of Coal Injection: A Six Sigma Framework for Blast Furnace Efficiency
	09:40 to 10:00	146	S Anantha Ramakrishnan	India	The Deming Journey: Strengthening Total Employee Involvement for Sustainable Quality Improvement
Hall 6 Category 7: Manufacturing excellence and customer focus	09:00 to 09:20	192	Rakesh Burde	India	A Quality-Driven Risk Analysis Approach Integrating Cybersecurity into DFMEA for AEB System Robustness
	09:20 to 09:40	211	Venkatesan Swaminathan	India	Diagnosing Organizational Effectiveness - A Roadmap toward Corporate Sustainability
	09:40 to 10:00	219	Basavaraju H M	India	Zero Defect Station Approach for Built In Quality



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## Session 5 Schedule

Session 5, 06 Nov 2025, 10:30 to 11:30 AM					
Hall	Time	ID	Presenter	Country	Title
Hall 1 Category 8: Multidisciplinary Quality Insights	10:30 to 10:50	32	Kosuke Miyazawa	Japan	A Study on Evaluation of Printed Design Considering KANSEI Quality
	10:50 to 11:10	43	Kazunari Nakayama	Japan	Modeling the Mechanism of Serious Injuries in Childcare Facilities -Focusing on the Characteristics of Children's Activities-
	11:10 to 11:30	58	Mrigandra Singhai	India	Digital Twin Framework for Real-Time Prediction of Pellet Quality in Straight-Grate Induration Furnaces
Hall 2 Category 2: Digital transformation and smart quality	10:30 to 10:50	236	Nagasubramanian Kothandaraman	India	Human Eyes to AI – Cosmetic Inspection Journey of Tata Electronics
	10:50 to 11:10	238	JEYARANI CHELLASWAMY	India	Empower Child parts by improving and monitoring SPC parameters through Real-Time AI based Process Quality Performance Prediction and Statistical Methods
	11:10 to 11:30	237	Madhavi Shrivastava	India	ISO STANDARDS And QUALITY COMPLIANCE IN EMERGING SECTORS
Hall 3 Category 3 Category 8 Category 7	10:30 to 10:50	202	Sanil Joshi	Nepal	Strengthening Food Safety and Market Access for Nepal's Food Businesses through FSMS
	10:50 to 11:10	206	Ayush Lataula, Sanziev Sangroula, Bijay Lal Pradhan	Nepal	Empirical Investigation of Digital Transformation in Nepalese Banks: A Customer-Centric Quality Management Perspective
	11:10 to 11:30	157	Gunjesh Kumar	India	Building a Sustainable Problem-Solving Ecosystem: Systematic Approaches with People Involvement
Hall 4 Category 4 Category 4 Category 6	10:30 to 10:50	41	Ryoma Tamura	Japan	Development of an Information-Sharing Tool for the Effective Implementation of Advance Care Planning
	10:50 to 11:10	215	Sarika Joshi and Shambhavi Joshi	India	Bridging the Gap: A Study of Maturity of Lean Awareness and Implementation in Mid Sized Hospitals in India
	11:10 to 11:30	205	Sanziev Sangroula, Bijay Lal Pradhan, Bijay Karmacharya,	Nepal	Community-Driven Quality Initiatives – Nara De "Nara De Jivanta Hadigau Heritage Walk (Her Walk)": A Significant Identity of Golden Civilizations – A Qualitative Perspective
Hall 5 Category 5: Quality leadership & excellence strategies	10:30 to 10:50	173	Dr Durgesh Chandra Gupta	India	BQMM: A BHEL Quality Maturity Measurement Model to Evaluate and Enhance Effectiveness of Quality Management Systems
	10:50 to 11:10	180	SVN Narasimha Kumar	India	Compliance to Performance - Digital Transformation
	11:10 to 11:30	190	Venkatesan Swaminathan	India	PRAGMATIC APPROACH TO TQM IMPLEMENTATION FOR SUSTAINABLE GROWTH
Hall 6 Category 5 Category 5 Category 7	10:30 to 10:50	233	Dr. Rajesh Bheda	India	Upskilling of Woman Ready Made Garment (RMG) Workers for Sustainable Future: A Case Study of Sarathi Project of SWISSCONTACT Implemented by Rajesh Bheda Consulting
	10:50 to 11:10	235	Pradeep Kumar Sharma	India	Institutionalising a Structured & Systematic Education & Training Management System on TQM - CENQUEX Certification Course
	11:10 to 11:30	73	Akshay	India	Solving Defects in Materials and Installation through the Process of QRN



Location QR



## Session 6 Schedule

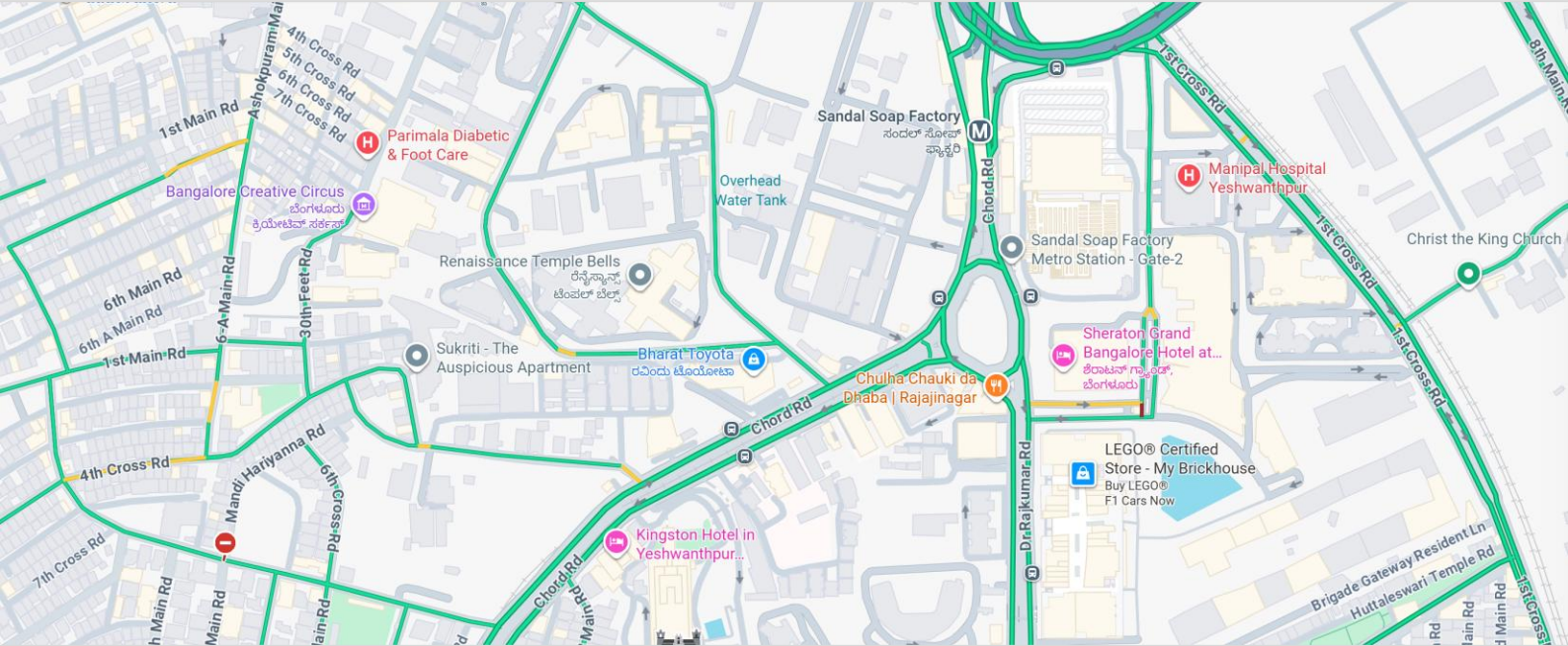
Session 6, 06 Nov 2025, 11:45 to 12:45 PM					
Hall	Time	ID	Presenter	Country	Title
Hall 1 Category 8: Multidisciplinary Quality Insights	11:45 to 12:05	127	Sarat Sindhu Mukhopadhyay	India	Order-Restricted Inference in Multi-Level Step-Stress Life Testing via Generalized Isotonic Regression
	12:05 to 12:25	170	Rathin Das	India	Bayesian reliability acceptance sampling plan sampling plans under adaptive accelerated type-II censored competing risk data
	12:25 to 12:45	225	Andy Chen(CHEN YUNG CHI)	China	AREQP_Deepening Quality, Leaping Innovation: Creating an Outstanding Model in the Pump Industry
Hall 2 Category 6: Quality in education, governance, and social impact	11:45 to 12:05	121	RAMYA R	India	Immersing Outcome-Based Education Practices to Enhance Student Engagement and Academic Quality in Engineering Education
	12:05 to 12:25	128	Susima Weligamage	Sri Lanka	Impact of Implementation of Teaching Excellence Quality Awards for Improving Program and Individual Quality: Evidence from Sri Lankan Case Study
	12:25 to 12:45	129	C Dineshkanth/Ruwan Perera/Dinesh Fernando	Sri Lanka	Evaluating Financial Sustainability of World Vision Lanka: A Six-Year Trend Analysis of Revenue Sources and Expenditure Patterns
Hall 3 Category 8: Multidisciplinary Quality Insights	11:45 to 12:05	8	Airi Shiba	Japan	Evaluation of Type I and Type II Errors in Screening Using Plackett-Burman Designs
	12:05 to 12:25	30	Taichi Kanie	Japan	TiSASRec-Based Recommendation Model Considering Multiple User Behaviors and Its Application to Customer Behavior Analysis
	12:25 to 12:45	34	Sudhagar S	India	A review and implementation of Digitalization (IoT) and CTQ Parameters Traceability in Automotive Electric Two-wheeler Chassis Welding Line
Hall 4 Category 8: Multidisciplinary Quality Insights	11:45 to 12:05	51	Nitish Rai	India	Empirical Modelling of Truck Payload Variance as a Driver of Freight Costs, Efficiency, and Environmental Impact on the Transportation Networks
	12:05 to 12:25	82	Dr Nirmali de Silva	Sri Lanka	Comparison of Similarities and Differences of QC Activities in Manufacturing Companies: Case Study from Sri Lanka
	12:25 to 12:45	107	Malikah	South Korea	Digitalized
Hall 5 Category 8: Multidisciplinary Quality Insights	11:45 to 12:05	186	Seungbeom Kim	South Korea	A Study on Improving the Quality of Online and Offline Work Environments for Employees with Disabilities
	12:05 to 12:25	189	Dileesh Onniyil	India	Agile Quality Evolution in AI Products: Mapping Customer-Centric Ethics via the Kano Model Perspective
	12:25 to 12:45	230	Medha Sudaththa de Alwis	Sri Lanka	AI-DRIVEN SUSTAINABLE QUALITY MANAGEMENT FOR INCLUSIVE CREATIVE CITIES: LEGAL AND POLICY PERSPECTIVES FROM ASIA WITHIN THE UNESCO CREATIVE CITIES NETWORK
Hall 6 Category 8: Multidisciplinary Quality Insights	11:45 to 12:05	234	Ramachandra Reddy Chinnnsani	India	Enhancing Quality through Daily Work Management
	12:05 to 12:25	240	Wan Seon Shin	South Korea	Digitalized Spatial Quality (DSQ) in the Open Quality Paradigm: Concept and Implementation Framework
	12:25 to 12:45	199	Anuradha Thirumalai	India	A Framework For Building And Implementing Competency-Based Human Resources Management Systems



Location QR



## Gala Dinner Venue Details



### **Sheraton Grand Bangalore Hotel at Brigade Gateway**

**Address:** 26/1 Dr. Rajkumar Road,  
Malleswaram, Rajajinagar,  
Bengaluru, Karnataka 560055  
**Phone:** 080 4252 1000



## About Venue

M. S. Ramaiah University of Applied Sciences (MSRUAS), also known as RUAS, is a private university located in Bangalore, India. Established in December 2013 by an act in the State of Karnataka, it is sponsored by the Gokula Education Foundation (Medical) trust. MSRUAS was created by integrating the M. S. Ramaiah College of Hotel Management (1993), the M. S. Ramaiah College of Pharmacy (1992), the M. S. Ramaiah Dental College (1991), the M. S. Ramaiah School of Advanced Studies (1999), and the M. S. Ramaiah Advanced Learning Centre (2012). The university has campuses at Mathikere and Peenya in Bengaluru.

RUAS is known for its focus on academic excellence, innovation, and international collaboration. A highlight of the campus is Dwarka Hall, a modern auditorium equipped with advanced audio-visual systems and spacious interiors, ideal for prestigious global events. It serves as the venue for the Asian Network for Quality Congress 2025, offering a professional atmosphere and top-notch amenities for engaging and seamless knowledge exchange among attendees.



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