

Newsletter

Indian Society for Quality

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Dear Readers ,

Greetings from ISQ!

Once , again , we are immensely pleased to bring 1st Quarter 2023 ISQ Newsletter to you.

Firsts of all, wishing all our readers a very prosperous and happy 2023 !

Just as normalcy was returning in our daily life after pandemic Corona is back again to haunt us

Being cautious and following the protocol is the best option as the adage goes " Prevention is better than cure". I hope the severity of infections remains under control and we do not see our loved ones falling prey to the virus.

I am pleased to inform you that we have a new addition to our Editorial Committee, our representative from Jamshedpur Chapter , Ms Santoshi R. She comes with rich



Ved Parkash

experience from HR and Quality background and I am sure , she will help enrich our Newsletter content. Please join me to welcome Ms Santoshi R to the team. You can find more details about her in the Newsletter.

ISQ activities continue with the momentum gained last year and many activities are planned for the benefit of the members and nonmembers. Details are enclosed in the Newsletter.

Our awards committee is planning to add some more categories of awards / recognitions and I request you to share information about people or organizations who have done exemplary work to promote Quality , Business Excellence. The same can be shared to Mr. Prabhakar Shettigar e-mail ID : prabhakar@isqnet.org.

Members are also requested to volunteer and join various committees and be an active contributor in achieving the noble vision of ISQ for benefit of society.

Once again wishing you all a very happy and prosperous 2023.

Happy reading !

Ved Parkash

ISQ Newsletter team: Ved Parkash – Editor in chief,
Members: Sarika V. Joshi, B. Sundara Rajan, Pandu Ranga B., R. Santoshi



Vignettes from Ram

Hiring – The Quality Way

In the Greek myth, Sisyphus was cursed to roll a boulder uphill only for it to roll back down every time it neared the top. HR managers are similarly fated. They hire forever, as employees keep leaving. Meanwhile, the organization bleeds, for it costs to recruit, train, say farewell, control the damage that newcomers cause, and cope with unfilled vacancies. As consolation, HR managers show graphs of improving 'turnaround time' (TAT) for appointing employees.

Managing people is a complex discipline, and hiring is but one facet of it. Still, it deserves coverage all for itself.

Hiring for a step-up: 1) Many factories hire diploma-holders from Polytechnic colleges as workers, respectably titled 'associates.' To justify this, managers claim that the new associates would become part of 'self-managed teams' (SMT) who don't need supervisors anymore. Is that true? What in their training gives them such ability?

2) Industrial Training Institutes (ITI), of which there are some 15,000 now, had first been set up in 1950, soon after Independence, to supply skilled workers to industry. They remain an important source of new workers. Unfortunately, ITIs are thought to have fallen off in their standards, especially regarding industrial discipline.

3) A third and widespread practice has been to employ school-pass students and training them from scratch to the company's needs.

As with factories, a similar tale is played out with call centres which are part of business process services (BPS). The hirers insist on graduates. The job is tough – having to listen to angry customers too often. Naturally, it is not a much-liked job.

Another case is about salespersons working with distribution channels. Some engage MBA graduates from lesser colleges to do it. Would the MBA find the job attractive?

The common feature in all these situations is that you are employing overqualified people for the job. Soon, the exodus begins. I have seen the same 50 percent resignations in factories run with diploma-holders, though outstanding efforts to foster participation can bring the percentage down to 20. Compare this with traditional hiring – workers taken from schools or ITI rarely leave. And they can be trained in autonomous maintenance, step seven of which is to attain *real* self-management. In call centres turnover is typically 50 percent each year, which means that a centre with 50,000 employees will need to hire and train 25,000 each year just to stay put. And do you think the MBA salespersons will stay on?

A capital reason why first line employees leave factories, call centres and sales positions is that they see the job as a step down in life. It is a position they felt compelled to take while still seeking better careers. A school graduate with no possibility of a university education would find a factory job, with its training programs, a step up in life. Similarly, for call centres, school graduates and those from poor families or small towns might find the job a boon. Sure, they will need more training, but HR might just be spared the treadmill of hiring replacements.

Moral: Recruit people for whom the job is a step up in life, not a step down.

Hiring only at Entry Levels: Ideally, all intake – workers or professionals – should be at the entry level – except for specialists and growth requirements. Automatically, this policy would provide greater opportunities for promotions. You will need a surplus at this level. Companies would protest about increased cost. But the buffer is necessary to manage spikes in attrition or growth and to create teams for innovation and resilience. Companies need both efficiency and redundancy.

But many fresh graduates – engineers or MBAs – tend to leave soon, for higher studies overseas or simply for experiencing other organizations. To counter this problem, avoid appointing graduates from the high end – like IITs or the IIMs. There are many bright people out there from less reputed universities. You can also decide to appoint only those with at least a couple of years' experience– they might be less prone to wander away.

A side benefit could be lower salaries. If you are a great company, why do you have to pay the highest salaries? You can, instead, test your greatness by attracting great talent at median salary levels.

Moral: Engage fresh young people, promote them early, and curtail lateral appointments.

Hiring for Diversity: People in most companies look like clones. Every newcomer is picked from a pool of 'people like us.' Diversity is essential for resilience and innovativeness. We have to get 'people who are *not* like us.' Can we look for men and women who come from stressed economic backgrounds, even slum-dwellers? Or Adivasis? Or education in arts, sciences, journalism, anthropology, sociology, ecology, and so on? Or varied religious, linguistic, regional, rural backgrounds? Or people with special abilities?

When your people have diverse upbringings, you are not sure any more about how things will unfold. But that is good for promoting innovation.

Moral: Hire for diversity, though you fear to lose control

The Art of Transfers and Promotions: If you are advanced in practicing TQM, you may find lateral recruits wreaking havoc on your carefully cultivated way of working – unless you train newcomers for months before you hand them responsibility. Of course, this costs money. But not doing so might cost more. Therefore, answer demands for lateral recruitments through internal placements. Ask if your first line workers can become group leaders, and then supervisors? Even managers? If not, why not? Can they be moved to sales, service, or purchasing? Can professionals in operations with no HR experience lead HR? Can a HR person run a plant? Can you switch from marketing to production or vice versa? My experience in each case is: yes, they can. And when many experience growth, the organization sparkles.

Moral: Look within. Organizations usually have enough good people for most jobs.

The Quality Way turns recruitment practices upside down. But you get energy and creativity, and yet a settled way of working. You cut your costs too.

About the author:

Mr. N. Ramanathan is a senior counsellor and advisor of TQM. He is a Mechanical Engineer with Masters from IIM, Ahmedabad(1969) with 50 years of experience in industry, and in teaching and counselling. He is the recipient of the Edwards Medal 2021 for outstanding leadership from American Society for Quality (ASQ). Mr. Ram has received the Dronacharya Award in 2018 by ISQ for his contributions to teaching and counselling on quality. Mr. Ram has been associated with twelve successful Deming Prize challenges, and has taught and advised Ashok Leyland, CEAT, SRF, Indus Towers, JSW, Mahindra group of companies, Tata Quality management Services, Tata Steel, and other organizations.

New Addition to Editorial Team–Introduction Ms R Sathoshi

Ms R Santoshi has over 25 years of experience with JAMIPOL and currently holds the position of Head of Business Excellence. She previously served as the Head of Human Resources (HR) and was responsible for managing the organization's HR function, including overseeing recruitment, employee training and development, compensation and benefits, and compliance with labor laws. Played a critical role in shaping the organization's culture and employee engagement initiatives.

Additionally, served as an External Assessor for the Tata Business Excellence Model and conducted over 10 external assessments for various Tata Group companies. Has also worked as an Assessor for the Confederation of Indian Industry (CII) and assessed the HR practices of various companies.

Played a key role in implementing ISO-9000, 14000, 45001, and 27001 at JAMIPOL, resulting in the company receiving various awards and certifications, including the 'Active Promotion Award' in 2010 and the 'Serious Adoption Award' in 2013 in the Tata Business Excellence Model.



eLearning programs so far

Sl no	Date	Place/ Chapter	eLearning program	Faculty
1	21 01 2023	Jamshedpur Chapter	Employee involvement in improvement activities	Mrityunjay Kumar, Tata Steel Ltd
2	25 02 2023	Chennai Chapter	Statistics beyond the shop floor	Prof. V. V, Iyer
3	25 03 2023	NCR Chapter	Quality for academia and small industries – part I	Atul Shrivastava, Kunal Pareek
4	01 04 2023	NCR Chapter	Quality for academia and small industries – part II	Maharshi Badheka, Amit J. Sharma

Upcoming programs 2023

Date	Program	Speaker	Hosted by	Venue
06 ~08 04 2023	CEO through TQM	N Ramanathan	Pune Chapter	TMTC, Pune
25~26, 05 2023	Quality 4.0 Seminar jointly organized by R V College of Engineering & ISQ	Invited speakers	Bengaluru chapter	R V College of Engineering, Bengaluru
07~09, 06 2023	Error free manufacturing	Mahesh Hegde	Bengaluru chapter	Will be announced soon
16 June 2023	ESG as a dimension of Quality'	From the best practitioners	NCR Chapter	Will be finalized soon
08-10, September 2023	CEO through TQM – a 2.5 day program for Sr Management	N Ramanathan	NCR Chapter	Venue will be announced soon
June 2023 to Nov 2023	TOPS Convention 2023		All chapters	Dates & Venue will be announced
November 2023	Quality Month Lectures by eminent speakers every Saturday of November	will be announced by September		Online
08~09, 12 2023	ISQ Annual Conference 2023	Invited speakers	Jamshedpur Chapter	Tube Makers Club
As decided by chapters	eLearning sessions		As and when announced by divisions of ISQ	Online

ISQ ANNUAL CONFERENCE 2023

Date: 08-09, December 2023 **Place:** Tube Makers Club, Jamshedpur
Theme: Making Indian Manufacturing a Hallmark of Quality in the World
Mode: Physical

- ❖ 8th December Full day (09:30 AM – 17:30 PM)
- ❖ 8th December Evening dinner with Awards Ceremony (18:30 – 20:00 PM followed by Cocktail & Dinner)
- ❖ 9th December First Half (09:30 AM – 13:00 PM followed by Lunch)
- ❖ 9th December afternoon – Factory visit



For updates, stay in touch with www.isqnet.org or write to info@isqnet.org

Quality 4.0 Seminar

Date: 25-26, May 2023
Venue: R V College of Engineering, Mysore Road, Bengaluru



Bengaluru chapter of Indian Society for Quality (ISQ) in association with R V College of Engineering Bengaluru invite registrations for the seminar on Quality 4.0

Eminent Speakers from industry, academia and facilitators will share their experience and insight to related to Evolution of Quality 4.0, Quality 4.0 tools, Quality 4.0 value propositions, Case studies on implementing Quality 4.0, ASQ and BCG Quality 4.0

A half day visit to an industry, one of the pioneers to internalise Quality 4.0, is planned on the second day of the seminar for an implementation experience.

The core concept of Quality 4.0 is about aligning the practice of quality management with the emerging capabilities of Industry 4.0; to help drive organizations toward operational excellence.

Who Can Register:

The faculty members, research scholars, PG students and industry executives interested in enhancing knowledge and application of Quality 4.0. The seats are limited to 100 members.

Individual participants can register using the link below.

For individual registration you may register using the link <https://rzp.io/l/g7cM7sVNo>

ESG as a dimension of Quality – a best practice sharing seminar on ESG

Date: 16, June 2023 **Venue** is being finalised at NCR region

NCR Chapter of ISQ is holding a seminar on Best practices with respect to ESG, at NCR region. Mr. Arun Bharat Ram, Chairman, SRF Limited will be the Chief Guest. Some of the benchmark companies will make presentations on their best practices regarding ESG. It will be half day event in the afternoon followed by interaction dinner.

ESG, or Environment, Social and Governance or Sustainability as it is commonly known is an emerging area of importance in the corporate community. You will soon hear from us on the details and registration process. Please block your calendar.



International News

ANQ CONGRESS 2023

Date: 18-20, October 2023 **Place:** Ho Chi Minh City, Vietnam
Theme: Quality transform with AI booming
Host organisation: Vietnam Quality Association of Ho Chi Minh City (VQAH)
Mode: Physical



Important key dates – Submission of technical papers

15 April 2023	Call for Abstract Papers
12 June 2023	Last date for Abstract Submission to ISQ for Indian Nationals
01 July 2023	Notification of 1 st level of Acceptance of Abstracts by ISQ to ANQ and authors
15 July 2023	Confirmation of final Acceptance of Abstract by ANQ and submission of full paper begins
17 July 2023	Early Bird Registration Due Date
15 Aug 2023	Deadline for Full Paper Submission

ANQ announce the following awards

AREQP Award – This award provides recognition to the organization performing excellent work in the field of Quality Management and Practices.

Refer https://anforq.org/wp-content/uploads/2023/04/ARE_QP_Process_2023.pdf for the purpose, criteria and the process.

Asian Service Awards – Recognise organisations who inspire a culture of service excellence and who can serve as role models to catalyse a transformation in service within the Asia Region.

Refer https://anforq.org/wp-content/uploads/2023/03/Asian_Service_Award_to_ANQ_website.pdf

Please write to info@isqnet.org for more information on submission of technical papers and the awards.

ISQ, a board member of ANQ since inception, calls for technical papers from Indian professionals and academicians. Write to info@isqnet.org

Quality Sustainability Award 2023



The Quality Sustainability Award recognizes **projects** with positive results in sustainability corresponding to the UN 17 Sustainable Development Goals, through the use of quality management principles, methodologies & techniques.

Advantages of participating include demonstrate project contribution to sustainability, inspire others to integrate quality and sustainability, be recognized for your achievements.

ISQ a national partner for the award from India, will call for applications for the award soon. Please be ready to apply. Last date for receipt of the application is **30th June 2023**

Quality Innovation Award 2023

The Quality Innovation Award is an annual, international competition that enables innovators to get professional assessment for their innovation, benchmark their innovation against others, increase the visibility of their innovation



All together this helps to increase the competitiveness of each participating country

ISQ a national partner for the award from India, will call for applications for the award soon

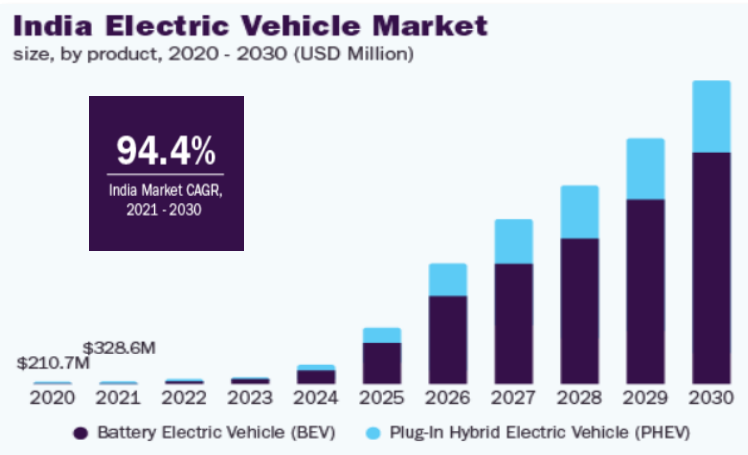
Strategies for Quality Management in e-mobility

by- Balaji GN



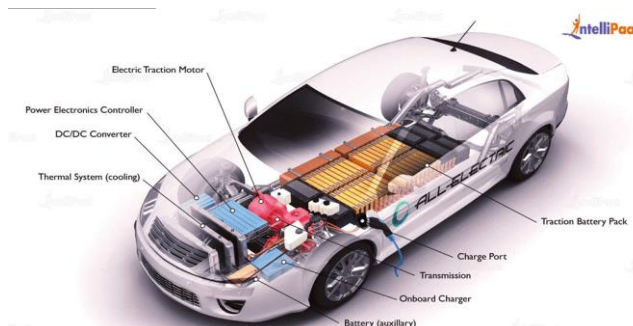
Due to global warming, air pollution & shortage of fossil fuels, Electric vehicles (EV) are firmly seen as one of the cleanest transportation means in the future. Environmental sustainability is primary reason for its growth globally. With Zero tailpipe emissions, reduced air pollution, combat climate change, energy efficiency, renewable energy integration, EV's are the forefront technological advancements in the Automotive Industry & Economic benefits. It is expected growth of Electric mobility technology will play a crucial role in shaping the future of transportation globally.

Electric machines are a key part of the EV propulsion system. High performance & low-cost electric machines are desirable in mass production system. The economic survey 2023 predicts that India's domestic electric vehicle market will be 50 percent compound annual growth rate (CAGR) between 2022 & 2030, with 10 million annual sales by 2030. The market size of India's electric vehicle industry projected to grow from USD 3.21 billion in 2022 to USD 113.99 billion by 2030



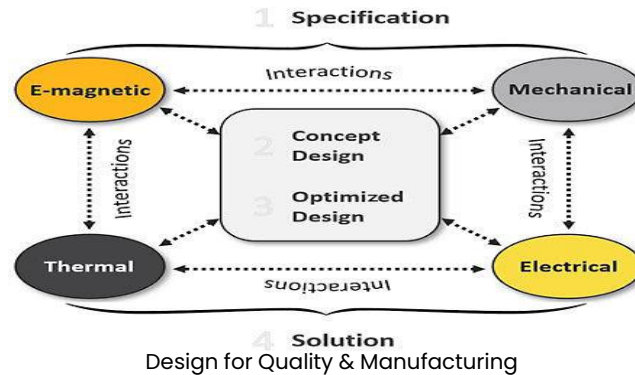
Source: Grand view research (www.grandviewreasearch.com)

A comprehensive Quality Management Strategy that encompasses all the aspects of EV Production, design, manufacturing, testing, supplier management, customer feedback & continuous improvement is essential for Industry to ensure that EVs are manufactured, assembled, and delivered to customers with high standards of quality and reliability. Some key strategies for quality management in the EV industry:



Components of All-Electric Vehicle

Design for Quality & Manufacturing : Implementing design for quality (DFQ&M) principles during the product development phase is essential to prevent quality issues from arising later in the production process. Focus on designing products that are easy to manufacture, assemble, and maintain, while ensuring that they meet the required quality standards and customer expectations.



Design for Quality & Manufacturing

Robust Quality Control Processes: Implementing robust quality control processes throughout the entire EV manufacturing process is critical. This includes strict adherence to quality standards and specifications, comprehensive inspection and testing procedures at various stages of production, and effective monitoring and measurement of key Quality.

Supplier sustainability management & collaboration and establishing strong supplier quality management processes is crucial. Ensuring that suppliers meet the required quality standards for components and materials used in EV manufacturing is essential to maintain overall product quality.

EV production involves a complex supply chain with multiple suppliers providing various components and subsystems. Quality control measures include evaluating and selecting reliable suppliers, establishing quality requirements, conducting regular audits, and ensuring that all supplied components meet the specified quality standard.



Regulatory Compliance: Ensuring compliance with relevant regulations and standards, such as safety regulations, environmental regulations, and industry standards, is critical for quality management in the EV industry. Adhering to these regulations and standards helps ensure that EVs are manufactured to meet required quality and safety standards.

Continuous Improvement Program: Implementing a culture of continuous improvement is vital for quality management in the EV industry. This includes regularly reviewing and analyzing quality data, identifying areas for improvement, and implementing corrective and preventive actions to address quality issues proactively.

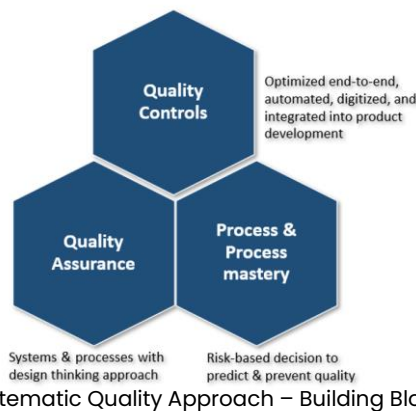
Customer Feedback and Satisfaction: Listening to customer feedback, addressing customer complaints, and continuously monitoring customer satisfaction is vital for quality management. Feedback from customers can provide valuable insights into potential quality issues and areas for improvement, helping to enhance overall product quality and customer satisfaction.

Employee Training and Competence: Providing adequate training and development opportunities for employees is crucial for maintaining high-quality standards. Ensuring that employees are well-trained and competent in their roles, including in the operation of EV-specific technologies and processes, is essential for consistent quality performance.

Traceability and Recall Management: Establishing robust traceability processes for data storage, management and analysis, including proper identification, and tracking of components, materials, and products, is crucial for quality management in the EV industry. This enables effective recall management in case of any quality issues and helps identify and isolate the root causes of the problems.

Data-driven Decision Making: Utilizing data and analytics to drive decision making is essential for effective quality management. Collecting and analyzing data related to quality parameters, process performance, and customer feedback can provide valuable insights for identifying trends, patterns, and areas for improvement, leading to data-driven decision making for quality enhancement.

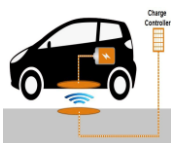
Systematic Quality Control & Sustained Quality assurance is a critical aspect of manufacturing EV's to ensure that they meet high standards of Safety, Performance & Reliability. Stringent quality control measures are essential in the production of EVs to ensure that they are safe, reliable, and perform as intended. This helps build customer confidence, ensures compliance with regulations, and promotes the continued growth and adoption of EVs as a sustainable mode of transportation, and the key areas include.



Battery performance & safety: Battery is a crucial component of an EV; its performance & safety are of at-most importance. Control measures includes, charge management, voltage, current, temperature tolerance & cycle life. Additionally, extensive safety testing is conducted to ensure that the battery is protected against overcharging, over heating & short circuiting, which could lead to safety hazards.



Battery performance & safety: Battery is a crucial component of an EV; it's performance & safety are of at-most importance. Control measures includes, capacity, voltage, temperature tolerance & cycle life. Additionally, extensive safety testing is conducted to ensure that the battery is against overcharging, over heating & short circuiting, which could lead to safety hazards.



Power Electronics & motor systems, which are responsible for converting & controlling the electrical energy from the battery to drive the wheels. Testing & calibration of inverter, motor and transmission performance testing are very critical to ensure optimal efficiency & reliability.

Charging systems for recharging batteries, compatibility with different charging standards, safety features such as, over current protection, temperature management, monitoring & reliable communication between the vehicle & charging station, this ensures the charging system, and the battery is safe, efficient & reliable for continuous use.

By implementing these quality management strategies, the EV industry can ensure that EVs are manufactured and delivered to customers with high levels of quality, reliability, and safety, thereby building customer trust and confidence in EVs as a viable and sustainable mode of transportation



Vehicle integration and Assembly: Quality control measures are applied throughout the vehicle assembly process, including checking for proper fit and finish of components, precise alignment of body panels, correct installation of electrical and mechanical components, and thorough testing of various vehicle systems such as brakes, suspension, and steering. This ensures that the final assembled vehicle meets quality standards and performs as intended.



Functional Testing: EVs undergo comprehensive functional testing during production to ensure that all systems and components are functioning as per specifications. This includes testing of electrical systems, software systems, safety features, communication systems, and other critical components to ensure that they are operating correctly and safely.

Regulatory Compliance: Manufacturers need to comply with various regulations and standards related to safety, emi/emc specifications and performance. Quality control measures include thorough testing and documentation to ensure compliance with relevant regulations and standards, such as crash testing, emi/emc testing, and safety certification.

By implementing these quality management strategies, the EV industry can ensure that EVs are manufactured and delivered to customers with high levels of quality, reliability, and safety, thereby building customer trust and confidence in EVs as a viable and sustainable mode of transportation.

In conclusion, the growth of the EV industry is driven by the need for sustainable transportation solutions to combat climate change and reduce air pollution. Implementing effective quality management strategies is essential for ensuring that EVs are manufactured, assembled, and delivered to customers with high levels of quality, reliability, and safety. Key strategies for quality management in the EV industry include design for quality and manufacturing, robust quality control processes, supplier sustainability management and collaboration, regulatory compliance, continuous improvement programs, customer feedback and satisfaction, employee training and competence, traceability and recall management, data-driven decision making, and thorough testing of components and systems. By adhering to these strategies, the EV industry can build customer trust and confidence, ensure compliance with regulations and standards, and promote the continued growth and adoption of EVs as a sustainable mode of transportation.

About the author:

Mr. Balaji GN is a Dy. Gen. Manager, with SEG Automotive India Ltd., heads the R&D for Light Electro Mobility.

He is an achievement-driven professional with 26 years of experience in Design Engineering, Product Development, Project Management and Benchmarking in Machine Building – Mechatronics and Control System Domain. He has specialized in design & development of Motors & Controllers and Transmission for Electric Vehicles, Starter Motors for Commercial and Passenger Vehicles. Developed motor for a major scooter and EV Transmission for Various 3-Wheelers. Demonstrated excellence in enhancing product design operations, performing design and process failure mode effects & analysis, escalating productivity and operational efficiencies. Proficient in leading full product lifecycle activities including concept maturation, design management, obsolescence management, engineering change management, issues control & resolution, cost management and various other cross-functional activities in designing and developing products.

Be a member of ISQ

[Download the membership form here](#)

ISQ look forward to you to introduce professionals with passion for quality, align with its objectives willing to contribute; as members.

Welcome to the new Life Members

Ramkumar Manickam	Global Warranty Manager	Tenneco Automotive India Private Limited, Hosur, TN
Rathanraj K. J.	Professor & Dean Student Affairs,	BMS College of Engineering, Bengaluru
Tripti Srivastava	Chief TQM & CQA designate	Tata Steel, Jamshedpur
Ashok Kumar	Director	Salem Gopi Hospital Pvt Ltd.
Chirag Devendra Mehta	Vice President - Operations	TM Automotive Seating Systems Pvt Ltd,
P. Kaniappan	Managing Director	Shinghan Tower, Bhusugaon
Ameet Anant Gaonkar	Manager	Toyota Kirloskar Auto Part Ltd, Bidadi, Bengaluru
Pradeep B Gargote	GM QA	Ceat Ltd,
Rohit Jaiswal	V.P. Manufacturing & Operations (SCB-B)	SRF Ltd. Bhiwadi (RJ)
Deepak Kumar	Chief Quality Officer	Delhi International Airport Limited, New Delhi
Swati Shirsat	Senior Manager	Tata AutoComp System Limited
Ganesan Nagaraj	Senior Director	Vestas wind Technology, Chennai
Chittarvu Sasun	HEAD-VEHICLE ENGINEERING	GREAVES ELECTRIC MOBILITY PVT. LTD., BENGALURU
Srikanth Rajamani Iyengar	AVP - Corporate Quality & Operation Excellence	Surin Automotive Pvt Ltd., Bengaluru
Praveen Singh	Head (Sr. Manager) – Academy	CEAT Limited
Manish Fale	Manager Academy	Ceat Limited
Asis Kumar Gupta	AGM	JSW Steel Limited
Santosh Sandbhor	Head – Quality	Taco Hendrickson
Mukesh Singh	General Manager	LPS Bossard Pvt. Ltd.
Pratyush Mandal	Quality Manager	Ryse Energy UK Ltd



Networking
(share & learn)



Volunteer/lead
Activities/events



Concessional fee
for conference, seminars
training, contests



Get Newsletters
Articles, update from experts
Enhance writing skills



Annual Conference

A flagship event of ISQ with Eminent invited speakers,
Best of case studies/ papers

Welcome to the new Annual Members

Vinod Gupta	Head Of Quality	Altigreen Propulsion Labs Pvt Ltd. Bangalore
M N Srinivas	Plant manager	SEG Automotive
Pradipta Purkayastha	Sr. Manager, Quality & Be	BHEL Haridwar
Ganga Ram Yadav	Avp- Operations	Sona BLW Precision Forgings Ltd
Ravichandran S.	Executive Vice President	Delphi TVS Technologies Limited
Atul Shrivastava	Retired General Manager Bhel	Self employed
Rajesh Kumar	Managing Director and CEO	
Venkata Narayana. T	Dy. Divisional Manager (Quality)	Force Motors Ltd
Abhijit Sunil Shinde	Asst Manager	Track Components Ltd Pune
Monica Salunkhe	Senior Manager	NexdiGM Private Limited
Prashant Alekar	Director	Qlenpro Consulting & Training Llp
Akash Diwakarrao Somkuwar	GM Quality	VSt Tillers Tractors Ltd. Hosur
Sagar Ashok Ambekar	DGM Quality Assurance	Tata Autocomp Hendrickson Suspension Pvt Ltd
Natasekhar M. S.	National Manager - QEHS & Maintenance	Buhler India Pvt Ltd, Attibele Bangalore
Santosshi R.	Head Of Business Excellence	Jamipol Ltd., Jamshedpur
Krishnamurthy Nagesh Prakash	Consultant	Self Employed
Prakash Badiger	Manager - Quality	Macer Automotive Systems Pvt. Ltd.
Barathkumar Sekar	Quality Assurance Engineer	Squad Forging India Pvt. Ltd, Belgaum
Venugopal T	Head Quality	Kennametal India Limited
Ajay Kumar Rawat	General Manager - QA	Groz Engineering Tools Pvt. Ltd
Avinash Verma	DGM, Quality	M/S Tata Motors
Sagar Subhash Hongadu	DGM- BE Agri Sector - Mahindra	Mahindra Agri Solutions Ltd
Amit Sharma	A V P & Head - CQE (Mechatronics Division)	Minda Corporation Limited (Spark Minda) Noida
Dharmender Sharma	Manager (TQM)	D.C.M. Textiles Hisar
Nitin Bhopale	DGM QA	Msl Driveline Systems Ltd
P.Pranesh	Deputy Manager- TQM	J K Tyre and Industries Ltd, Sriperumbudur
Gokul H Shinde	Asst. Director, Customer Support & Planning	Samsonite South Asia Pvt. Ltd. Nashik
Loveleen Mishra	Relationship Manager	Tata Business Excellence Group Jamshedpur
Rohit Pathak	Dy. General Manager	Mahindra Institute Of Quality, M &M
Arijit Das	Senior Manager, Quality Assurance	Tata Motors Jamshedpur, Telco, Jamshedpur
Joydeep Chatterjee	Sr. GM Corp. Quality	Cummins India Ltd, Baner, Pune
Subrata Das	Sr. GM - Chief (Operations, Safety & Be & TQM)	Tata Power Delhi Distribution Ltd, Delhi
Dwijadas Basak	Sr. G M - Chief (Customer Exp., Commercial & Sig)	Tata Power Delhi Distribution Ltd, Delhi
Rajesh Bahl	G M - Chief (Network Services)	Tata Power Delhi Distribution Ltd, Delhi
Manprit Shrivastava	Be Head	Tinplate Company Of India Limited, , Jamshedpur
Mohua Sinhababu	Deputy Manager(R&D And Ts)	Tata Pigments Ltd, Jamshedpur
Suraj Kumar Dash	Engineer	Lucas-TVS, Pantnagar, Uttarakhand
K. V. S. S. Iyer	Sr. Consultant	Quality Evaluation and Systems Team Pvt Ltd, , Bengaluru
Deepak Girotra	Manager, Quality Excellence	Hero Motocorp Ltd
Umesh Kulkarni	Senior Manager	Tata Autocomp Hendrickson Suspensions Pvt. Ltd.Chakan Pune
Prasanna D	Assistant Manager	Toyota Kirloskar Auto Parts.Pvt Ltd. Bidadi Bengaluru



Local chapters

Organise events, Knowledge sharing sessions,
Bench mark factory visits, as member of local chapters



Showcase your talent

through case studies, papers, project presentations at member
concessions in Annual Conference, Symposium,
Contests and Asian Congress



Network with international community

like Asian Network for Quality,
Quality innovation award etc.

Welcome to the new Annual Members

Rahul Pachauri	Presales Manager	CMS It Services Pvt. Ltd. Gurgaon, Haryana
Suranjit Mishra	Addnl. G M – Chief Finance Officer	Tata Power Delhi Distribution Ltd, Delhi
Peyush Tandon	G M – Chief (Regulatory & Legal & Power MGMT.)	Tata Power Delhi Distribution Ltd, Delhi
Siddharth Singh	G M –Chief (Corp. Affairs, Comm, Admin & Security)	Tata Power Delhi Distribution Ltd, Delhi
H C Sharma	G M – Chief (Bd,C,Ts,S)	Tata Power Delhi Distribution Ltd, Delhi
Praveen Agrawal	G M – Chief (Hr & Ir)	Tata Power Delhi Distribution Ltd, Delhi
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