

Newsletter

Indian Society for Quality

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Dear Readers ,

Greetings from ISQ!

We are pleased to bring you this 3rd Qtr. 2023 , ISQ Newsletter.

It is a matter of great pride for the country, more specifically for the Quality fraternity to know that Prof C.R Rao is awarded "International Prize in Statistics" for 2023. It is considered as "Noble Prize of Statistics" , that is the recognition and respect it commands.

Sadly , he left us on Aug 23rd,2023 just two weeks short of his 103rd birth anniversary. We pray to God Almighty to grant peace to his soul.

This was a mixed day for the country as on one hand we lost a genius while the country celebrated successful landing of Chandrayan`s Vikram on the surface of the moon.



I am sure you would be familiar with his achievements in the field of Statistics. He led the great institute ISI (Indian Statical Institute) and his contributions revolutionized the realm of Quality and , in fact, all businesses world over. Refer article from Dr. Ashis Chakraborty (Page 10).

As you know the "Quality Month" i.e., November is round the corner and we request you to benefit from a host of activities planned. Stay tuned !

Preparations for our flagship event Annual Conference are in full swing at Jamshedpur, where The Conference will be held this time, Nov 30th to Dec 2nd,2023 This time round its longer as we have "Pre-Conference" seminars on Nov 30th, 2023 followed by regular format on Dec 1st and 2nd, 2023.

Do not miss this opportunity and register ASAP ! Check out the details on the web.

We have had your patronage since we started this initiative 4 years back, we are ever grateful for the encouragement.

Please do share with your friends , who are not ISQ members.

We welcome articles from our readership to make the Newsletter a vibrant platform for knowledge sharing and keeping up to date on ISQ activities.

Happy Reading !

Warm Regards

Ved Parkash



Vignettes from Ram

Documenting Our Work

Good companies document their work well. Others think this is avoidable exertion. Yet, it is the difference between companies that maintain continuity in their standards, work methods, and past data, and those who start each time from scratch, too often for the worse.

In my vocation, I have to frequently ask to see original documents that were used in decision-making, investment or development projects, improvement activities, and plain scheduling or maintenance. I get to see lots of unprocessed data in extra-large Excel tables. When I want to see such data summarized, I am forced to look at PowerPoint slides.

PowerPoint must be the most abused software tool in Indian industry. Policy statements, improvement projects, product or process development work, designed experiments, and even procedures are all seen in PowerPoint. Perhaps, their originals don't exist or are not accessible. Even minutes of vision and strategic planning meetings are encapsulated as bullet points. It is as if companies have given up on authorized documents in narrative form. It is said that Jeff Bozos of Amazon prohibited the use of PowerPoint presentations in executive meetings. No wonder.

Here is a litany of troubles with document management that I have seen recurrently

1. Orphan documents – in Excel, or Word, or PPT – lack the name of their creator, the date of creation, or the names of persons who may have checked it or approved it. Headers and footers are rarely used.
2. Absent – are revision-histories of standards over the years in each function – detailing the nature of changes made to each standard.
3. Missing linkages - even important documents, such as Board approvals of investment decisions, reside in PPTs, and the approved targets cannot be found. At the end of the project, there is nothing to compare actual results against plan, even for large investments.
4. Structures - organizational changes made are not explained with reasons, nor histories maintained.
5. A3 sheets - created at the end of improvement projects but too often unsigned and without dates or names. A3 sheets are seldom created as part of work-in-progress, and they are almost never seen in backups.
6. Levels of standards - distinction is not made between system level standards and procedural ones. Often the standard ends with a so-called Process Flow Diagram (PFD), with no further elaboration. Designed formats are seldom used in writing procedures, using running text instead. The results to be achieved by following the procedure are rarely captured.
7. Technical systems - Process manuals are not elaborated and technical standards like FMEA or control plans are not linked. Engineers make do with the equipment makers' manuals even when improvements based on TPM are executed, and a new manual is called for.
8. Improvement projects - as well as other projects in development, manufacture, marketing, or IT, are managed digitally, but it is hard to find important documents to complete the PDCA within the system itself, as these are scattered in many different places.

9. Documentation system – there is usually none at the company level. What is more, a lot of data and materials reside in individual laptops, without a common system of classification and storage. There are no spot checks on laptops.

10. Newcomers – have no easy basis to retrieve either past work or existing standards, leading to unintended changes and consequences. Even long-term employees may struggle to find the right documents within reasonable time.

India has had a tradition of memorizing chanted lines (Shruti), but not a great one of writing them down. The most well known evidence of early writing is of Ashoka's inscriptions in 3rd century BCE, for the most part in Pali, using Brahmi script. Inscriptions, smritis, mythologies, religious works, and Sangam poetry notwithstanding, our first history would seem to be the 12th century Rajatarangini by Kalhana. For early Indian history, we have to turn to Megasthenes and other Greeks, the Chinese Fa Xian and Hsuan Tsang, or the Persian Al-Biruni.

In today's business place, I have heard that the difference between Indian and foreign software engineers is often about documentation – Indians seem to resist it. So, their software becomes harder to revise, or improve. Our undergraduate courses lack report-writing as a subject.

Even Indian companies that have existed for a century or more seem to lack a well drafted history, with exceptions like Tata Steel. Many Deming Prize winning companies lack a written story of their journey. The power of such documents to inform and educate cannot be overestimated.

A comprehensive document system should include organization structure and roles; standards – technical and process – as well as rules and regulations; plans – strategic and role-based – along with results, analyses; records (not only statutory, but including currently used forms like log books, travel plans); improvement stories, kaizens, QC circles; cross-functional committee proceedings; all tests and development work; customer or channel partner interactions; training materials, including books, videos, journals; and reports – both internal and external, including proposals, project completion reports, market analyses, survey results, vendor evaluation etc. All of these should be in easily retrievable form.

In organizations of some size, a sound documentation system can be the hard ground on which improvements can happen. In short, knowledge has to be externalized, preserved, and transmitted by being frequently referred to. Otherwise, organizational capabilities keep evaporating, instead of accumulating. With the kind of employee turnovers we are witnessing, even old companies with venerable histories are in the danger of acting as though they are new to their business.

There may be a lesson in this even for non-profits like ISQ, where we need to not just have accounting and membership records, but also all the programs and materials used in every program since inception.

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. He is an Academician in the International Academy for Quality (IAQ) and serves on its Board as Vice President, and as Chair of its Examination Committee. 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.

eLearning programs

Date	Place/ Chapter	eLearning program	Faculty
12 08 2023	Chennai Chapter	Benchmarking	Devraj Chattaraj, GM -Tata Business Excellence group
02 09 2023	Pune Chapter	From Compliance to Excellence: From 'Have to...' to 'Want to...'	Paul Grizzell, President Core Values Partners, Inc
09 09 2023	Pune Chapter	ESG for Industries	Dr Nikhil Tambe – CEO Energy Consortium at IIT Madras
30 09 2023	Pune Chapter	Design thinking workshop	Niket Karajagi – Design Thinking Facilitator

Programs in Q2 and upcoming programs 2023

Date	Program	Speaker	Hosted by	Venue
6/7 to 8/7 2023	Error free manufacturing	Mahesh Hegde	Bengaluru chapter	Taj Yeshwantpur, Bengaluru
21/07/2023	TOPS Convention 2023	Contestants from organisations	Bengaluru Chapter	Ramaiah University of Applied Sciences, Bengaluru
05/10/2023	TOPS Convention 2023	Contestants from organisations	Pune Chapter	IICMR MBA Institute Pune
13/10/2023	TOPS Convention 2023	Contestants from organisations	NCR Chapter	TPDDL Learning Centre – Rohini New Delhi
26 /10 /2023 to 28 /10/ 2023	CEO through TQM - 2.5-day program for Sr. Managers	N Ramanathan	NCR Chapter	India Habitat Centre – New Delhi
16 /12/2023	TOPS Convention 2023	Contestants from organisations	Chennai Chapter	SRM University, Chennai
4, 11, 18, 25 of 11 /2023	Quality Month Lectures by eminent speakers Saturdays of November	will be announced soon	ISQ Governing Council	online
30 /11/ 2023 to 02 /12 /2023	ISQ Annual Conference 2023	Invited speakers, Award winners	Jamshedpur Chapter	Beldih Club and United Club, Jamshedpur

Special training programs 2023

TQM for Error free manufacturing



Faculty: Mr. Mahesh Hegde, Counsellor and trainer of TQM practices with 22 years of experience as a TQM practitioner and trainer, consultant in the field of quality

Venue: Taj Yeshwantpur, Bengaluru **Dates:** 6th to 8th July 2023

Thanks to Mr. Mahesh Hegde who came forward to conduct this essential and excellent program on the subject pro-bono, for the benefit of the professionals and ISQ. The program was conducted by Bengaluru Chapter of ISQ with Mr. Chandra Mouli, President of the chapter leading organising of the event.

Objectives: To learn from an experienced campaigner of TQM on doing first time right. Take your existing manufacturing process to zero defect level by learning and applying best in class approaches.

The program witnessed the participation of enthusiastic professionals from different cities and organisations. It was inspiring to see how everyone actively engaged in demonstrations, exercises, videos, role plays, and the unique element of magic incorporated into the learning process.

It was a fantastic experience to witness the participants sharing their knowledge and learning from one another. The interactive sessions created a collaborative environment that fostered growth and improvement for all involved.



About the Faculty

Education: BE in Mechanical Engineering from Sir M Visvesvaraya Institute of Technology (1997-2001)

Experience: 22 years of experience, 19 years of it has been dedicated to training and consulting in the field of quality.

Trained by Japanese and Indian TQM Sensei Prof. Hitoshi Kume and Mr. N. Ramanathan. Trained in "Production System" by Renault-Nissan Institute in France.

Expertise: Specialized in TQM, Lean, and Six Sigma. Daily shop floor management, World Class FMEA, SPC, Best in class SOP, MSA, human error prevention, structured problem-solving tools.

Research and Publications: Presented papers at international conferences including ICQ in Tokyo, Asian Network for Quality, Alucast, NIQR, QCI, and ISQ.

Project Experience: Successfully facilitated more than 2500 problem-solving projects both basic & advanced level problem-solving projects, with participants winning awards at national levels such as CII, ACMA, and ISQ and helped to implement best-in-class manufacturing practices to achieve zero defects

Training Experience: Trained more than 15,000 people, including senior management, in the journey of excellence in India and overseas.

Strengths: Possesses in-depth subject knowledge, impactful training delivery, practical facilitation experience, and skills along with mesmerizing magic.

Clientele: Served more than 100 companies, including large and medium-sized organizations, in the automotive OEMs, Tier 1, process industry, service industry, and pharmaceutical industry sectors.

1st Governing Council meeting in the year 23-24 in-person was conducted on 27th July 2023 in The Oterra Hotel, Electronic City, Bengaluru

It was refreshing to have in person GC meeting after December 2022. Dr.Kano's presence and inspiring words made it all the more special.

Thanks to Dr.Noriaki Kano for being a special guest at the Governing Council Meeting of ISQ.

The first meeting for FY23-24, just got concluded under the leadership of the president Mr. Janak Mehta with in-person presence of most GC members, invitees including Anil Sachdev, Amit J. Sharma, Chandra Mouli, Dr. Rajkumar, Ved Parkash, Prakash Gadhar, Dr. Subrahmanya KN, MS.Teena Bopaiah and digital presence of others including Ravikant J, Vijay Kalra, Avneesh Gupta, Dr. Pankaj Kumar, Ms. Sarika Joshi, Prabhakar Shettigar.



C. R. Rao – A journey of a profound Mathematician to a ‘Nobel’ winner in Statistics

Dr. Ashis Kumar Chakraborty

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Initial days – Mathematician to Statistician

Dr. Rao, as he was popularly known in Indian Statistical Institute (ISI), was born on 10 September 1920. In the following 100 odd years nobody knew that one day his name will be encrypted as a ‘Nobel’ winner in Statistics, a subject which was unknown to most Indians when Rao completed his Masters equivalent degree in Mathematics from Andhra University in 1940. He was the eighth children in a family of 10 children. As a young boy he won the Chandrasekara Iyer scholarship in Physics, named after C. V. Raman’s father, in the intermediate. But destiny brought him to field of Mathematics and he obtained the equivalent of a masters degree in Mathematics even before he was 20. The connection between Mathematics and Statistics is much stronger than that between Physics and Statistics, though those days the development of Statistics in India was brewing in the Physics laboratory of the Presidency college in Calcutta, now known as Kolkata. Professor Prasanta Chandra Mahalanobis, himself a Physicist, was then cultivating Statistical research with a few selected students sitting in the Physics lab of Presidency college, Calcutta.

As destiny would have it, Rao came to Calcutta in search of a job and came in contact with one Mr. Subramanian in a south Indian hotel in Calcutta. It was through Mr. Subramanian, Rao came in contact with ISI, which was still operating from the Presidency college Physics lab.

Rao’s Statistical works under the guidance of world renowned statisticians

Professor Mahalanobis, a Physicist by training and a professor of Physics at the Presidency college, Calcutta, was himself an accidental Statistician. An avid reader, Mahalanobis was brought into Statistics because the ship from Cambridge started late on the day he was supposed to come to India. Mahalanobis had an uncanny knack to identify potential researchers.

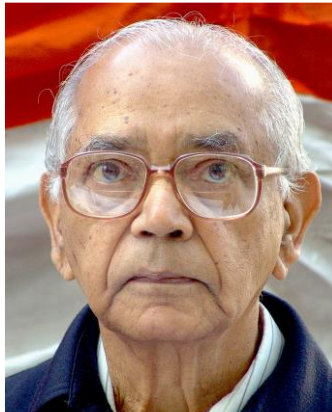
He was already with the company of many stalwarts like Raj Chandra Bose, Samarendra Nath Roy and Keshavan Raghavan Nair. Rao initially joined a training programme in ISI in 1941 in order to enhance his chances of getting a job later. His father had just passed away and a job was a necessity.

Meanwhile, a Master’s programme in Statistics, the first in India, was started in Calcutta University, with Mahalanobis as the head of the Statistics department. Rao joined the Master’s programme and graduated in 1943 with a first rank, obtaining 87.5% marks which is still a record in the university. After getting his MA in Statistics with record marks, Mahalanobis offered Rao a job in ISI as a technical apprentice in November 1943. Rao himself confessed that the period from January 1944 to July 1946 was probably his most eventful period as a Statistician.

A paper by Rao was published in 1945 in the Bulletin of the Calcutta Mathematical Society with the title ‘Information and accuracy attainable in the estimation of statistical parameters’. This article was subsequently included in the book, ‘Breakthroughs in Statistics’. He was around 25 then. The impact of this paper was felt much later in the works on various subjects like economics, genetics, anthropology, geology, national planning, demography, biometry, and medicine. The American Statistical Association considers Rao as a ‘living legend’.

The impact of this paper was so much that the world recognized this and the Indian-American statistician, Calyampudi Radhakrishna Rao, was awarded the 2023 International Prize in Statistics, which is statistics' equivalent of the Nobel Prize. It was established in 2016 and is awarded once every two years to an individual or team "for major achievements using statistics to advance science, technology and human welfare". The citation for his new award reads: "C.R. Rao, a professor whose work more than 75 years ago continues to exert a profound influence on science, has been awarded the 2023 International Prize in Statistics". A work at the young age of 25 brought a 'Nobel' prize in Statistics when he has crossed 102.

In 1946, Mahalanobis sent Rao to Cambridge where he registered for a Ph.D. under Ronald A. Fisher, known as the father of modern Statistical Science. The Fisherian way of Ph.D. was to find one's own problems for the thesis and solve them, though at times of difficulty Fisher would help him. During this time, Fisher was working on mouse to find out which genes are on which chromosomes in the mouse. Rao proposed a method which became famous as Rao's score Test, to find out how physically close two genes are. Post Ph.D., Rao returned to ISI as a Professor and spent his days in ISI, Calcutta till he retired as the Director of ISI in 1979.



Calyampudi Radhakrishna Rao (C.R. Rao)

Some personal traits

The author entered ISI as a student of B.Stat(Hons.) when Dr. Rao was the Director of ISI, but did not have any interaction with him then. Later I had some opportunity to listen to Dr. Rao in a couple of his popular talks and spent time with him along with my wife on a couple of occasions. While the Statistics community is attracted to Rao's works, Rao used to be attracted to beautiful ladies. My wife still cherishes one such event when Rao handed over a balloon to her in an informal get-together organized at ISI Chennai. He also had an uncanny and a subtle sense of humour. After a popular talk at ISI Kolkata on the occasion of celebration of Diamond Jubilee of ISI in 2008, when he was marching towards 90 and still active, a student asked him what makes him active even at that age. Prompt came the reply with a mischievous smile, 'I keep away from my wife'.

In a talk at the Anna University in Chennai, Rao asked all those present to tell the number of brothers and sisters each had. Then he added those numbers and showed that the number of brothers was by far much greater compared to the number of sisters and then introduced the importance of randomization in sampling. Since the sample (those present in the talk) was full of boys (who were future Statisticians), it was a biased sample and hence any inference based on this sample needs to be adjusted for bias, to get a good estimate of the population proportion of girls and boys.

Rao's significant contributions

As a student of Statistics, it is very difficult to judge Rao's contribution, since till the very end of his life (22.08.2023) he kept enhancing his contribution to the subject which some people call as 'invisible Science'. Apart from the publication in 1945 which brought him the International prize in Statistics and whose applications went far beyond the subject of Statistics; he has written 14 books. One of his books titled Linear Statistical Inference and its Applications, more popularly known as LSI, published in 1965, has been translated into six different languages and has remained as one of the most cited books in science. He has also contributed to the development of Orthogonal Arrays (OA), which at a later part, was made hugely popular in industrial applications by a Quality Guru, Genichi Taguchi, of Japan. Applications of OA has solved many intricate problems of Industries all over the world, including India. Rao's contributions to the 'invisible science' have become part of graduate and post graduate courses in Statistics, Econometrics, Electrical Engineering, and many other disciplines at universities throughout the world. National planning, Social Sciences, Psychology, Biology, Geology and Anthropology are the other diverse subjects where he has left his imprint. Apart from these, a recent article also showed that his work on multivariate Statistics is used to improve weather prediction, medical diagnosis, tracking the movements of spy planes, and monitoring the path of spacecraft.

Long back when I happened to see his publication list, I also learned how to document the publications and I started following the same, though by the mere number, he is much ahead with more than 500 publications. After a long stint at ISI Kolkata, Dr. Rao went to United States and joined the university of Pittsburg. Subsequently, he joined the Pennsylvania State University and remained there supervising dozens of Ph.D. Scholars. Recently, the author borrowed one of concepts Rao used to solve an anthropological problem in 1978, to estimate the reliability of a very critical software of ISRO. Following the foot steps of Mahalanobis, Rao has consistently developed new Statistical methods to solve real life problems. As Lehmann, a world renowned Statistician himself wrote, Rao was "the person who did the most to continue Mahalanobis's work as a leader of statistics in India."

Some Personal Achievements

In his long academic journey, Rao received several honors from all over the world. In 1967 Rao received the Fellowship of The Royal Society (FRS) in recognition of his contributions to Statistics. He has been honored with Padma Vibhushan in 2001 and was given the India Science Award in 2010. While presenting the National Medal of Science by the then US President George W. Bush in 2002, Rao was honored for his pioneering contributions to the foundation of Statistical theory and multivariate Statistical methodology, and their applications, enriching the physical, biological, mathematical, economic and engineering sciences. President Bush called him 'A prophet of new age'.

The world Statistics community in particular and the Research community in general have lost a 'Guru', whose work has influenced the developments of almost all modern fields of science. India, in general, and ISI, in particular, lost one of its most renowned legend in contemporary history.

About the author:

Dr. Ashis Kumar Chakraborty is one of the senior most faculties at Indian Statistical Institute, Kolkata and a recipient of P. C. Mahalanobis Award. He is with ISI since his student days in mid-seventies. Dr. Chakraborty also has a long association with industries as a consultant and has guided several Ph.Ds. in ISI and other Universities. He has written several books related to Quality Management, Statistics and Process Capability Indices. He served in the Board of several organizations and served in the ISI council for two terms. He also served as the project leader for a "Quality Mission Project" under the aegis of Government of India.



Indian Society For Quality Annual Conference 2023



30th Nov to 2nd Dec 2023



Jamshedpur

Theme: Making Indian Manufacturing a Hallmark of Quality in the World

The three-day event will cover

Pre-conference seminars on 30th November-23 ([Venue: Beldih Club](#))

1

Seminar 1 facilitated by Mr. Ramanathan

(10:00– 13:00)

Theme: Creating and Assuring Quality
(Quality is not given, it has to be created and nurtured – Everyday)

2

Seminar 2 facilitated by Mr. Anil Sachdev/ Mr. Pankaj Kumar (14:30 – 17:30)

Theme: TQM Implementation in Service
functions (including Implemented case
studies)

Annual Conference on December 1st-2nd, 2023 (1.5 days)

1st December Full day (09:30 – 17:30) **2nd December** (09:00 – 13:00)

3

Chief Guest:

Soumitra Bhattacharya

CEO & Director

**Indian Foundation for Quality
Management (IFQM),**

Chairman and Director

Bosch Limited

4

ISQ Awards Night:

Chief Guest:

T. V. Narendran, CEO & MD

Tata Steel Limited

Six ISQ awards to be presented to the
eminent business leaders, executives &
professionals.

5

Guest Speakers:

Business executives from around the world
and at home who have guided their firms
via quality-focused management

6

Panel Discussion/ Coffee chat :

Quality leaders from Industry & academia

7

Case study Presentations

8

Opportunity to network with the industry leaders & cross learn.

Plant Visits to Tata Steel/Tata Motors 2nd December (15:00 – 18:00)

(2 batches of 30 persons each on first-come-first served basis. Priority will be given to the outstation delegates. No separate registration fee is charged for the plant visits)

Note: The registration to the pre-conference seminars on 30th November 2023 would be with nominal charges. Delegates will have a choice of registering for either of the two or both the seminars.

Annual Conference 2023 – Download [brochure here](#)

Indian Society for Quality invites registration from professionals, academia, independent consultants and entrepreneurs and students for the Pre-conference Seminars and Annual Conference 2023.

Registration and participation in annual conference.

Early Bird (closes on 31 st October 2023)	Regular:
Members of ISQ: ₹ 10,000/- + 18% GST (Total ₹ 11,800/-)	Members of ISQ: ₹ 11,000/- + 18% GST (Total ₹ 12,980/-)
Non-members: ₹ 11,000/- + 18% GST (Total ₹ 12,980/-)	Non-members: ₹ 12,000/- + 18% GST (Total ₹ 14,160/-)
Organisations registering 3 more delegates: ₹ 10,000/- + 18% GST (Total ₹ 11,800/-) per person	Organisations registering 3 more delegates: ₹ 11,000/- + 18% GST (Total ₹ 12,980/-) per person
Students: ₹ 4000/- + 18% GST (Total ₹ 4,720/- Rupees four thousand seven hundred and twenty only)	

Registration and participation in two pre-conference seminars

Early Bird (closes on 31 st October 2023)	Regular:
Members of ISQ: For one seminar: ₹ 2,000/- + 18% GST (Total ₹ 2,360/-) For both seminars: ₹ 3,500/- + 18% GST (Total ₹ 4,130/-)	Members of ISQ: For one seminar: ₹ 2,500/- + 18% GST (Total ₹ 2,950/-) For both seminars: ₹ 4,000/- + 18% GST (Total ₹ 4,720/-)
Non-members: For one seminar: ₹ 2,500/- + 18% GST (Total ₹ 2,950/-) For both seminars: ₹ 4,000/- + 18% GST (Total ₹ 4,720/-)	Non-members: For one seminar: ₹ 3,000/- + 18% GST (Total ₹ 3,540/-) For both seminars: ₹ 4,500/- + 18% GST (Total ₹ 5,310/-)

Registration and payment methods

It is recommended that registration and payment of fee is made using the links below. For the organisations needing invoice for payment, the attached registration form may be filled and sent to office@isqnet.org. Payment is required to be made well before the event.

Registration link for the preconference seminars: (30, November 2023)

For members: <https://rzp.io/l/VvdYyW2Etk>

For non-members: <https://rzp.io/l/jTikCSKF>

To apply through organisation, download registration form [click here](#)

Registration links for the annual conference (1-2, December 2023)

For members <https://rzp.io/l/oEuhc5zBB>

For non-members <https://rzp.io/l/ILbQbFPP>

For students <https://rzp.io/l/IYILYtgV>

To apply through organisation, download registration form [click here](#)

Note:

- Early bird fees are applicable till 31st October 2023.
- We discourage cancellation of nomination; however, change in nomination can be made based on written request.
- Every delegate attending all the annual conference from 1st and 2nd December 2023 will receive free annual membership of ISQ for the period April 2024 to March 2025.

Annual Conference 2023 cont'd...

Be Our Sponsor

ISQ is thankful to the organisations who have been supporting us through Sponsorships during annual conferences. We look forward to your support through Sponsorship. We invite organizations committed to quality-based management of their enterprises/institutions to kindly consider supporting the ISQ Annual Conference 2023 through sponsorship. For details of sponsorship and the benefits, visit www.isqnet.org



International News

ANQ CONGRESS 2023



Date: 17-20, October 2023

Place: VABIS INTERNATIONAL COLLEGE, Phu My town, Ba Ria Vung Tau province, Vietnam

Host organisation: Vietnam Quality Association of Ho Chi Minh City (VQA)

Mode: Physical

ISQ as a board member of ANQ invited the papers from India. 16 paper presenters and delegates will be participating in the ANQ Congress.

For more details about the ANQ Congress 2023 visit <https://anq2023.org.vn/>

Quality Sustainability Award 2023



Quality
Sustainability
Award

International Academy for Quality



Visit <https://iaqaward.com/> to know more about the award.

In response to the call of applications from Indian professionals for the international Quality Sustainability Award 2023, ISQ received 37 applications from different organisations. After two rounds of assessment by trained assessors as per the guidelines by IAQ, top 10 projects were selected for the presentation round which will be held in October 2023 virtually. These 10 projects will contest to be one of six National Finalists (Gold winners) who will be eligible to apply for the contest at international level.

The assessors after the assessment have given the feedback that almost all of them were quality projects, value adding to sustainability initiative which are indicative of sustainability initiatives are catching up across industries in India.

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 of ISQ.

Welcome to the new Life Members

Name	Designation	Organisation
Virendra Atre	AGM	Motherson Ltd, Noida
Srinivas C N	VP - Technical operations	HLA and TI Lab Agilus Diagnostics, Chennai

Welcome to the new Annual Members

Name	Designation	Organisation
Balamurugan Mahendran	Senior Manager	HDFC Bank, Chennai
A Manikandan	Senior Manager	Rane Engine Valves Ltd, Chennai
L Karthikeyan	Head Centralized Operations	Unico Housing Finance Private Limited, Chennai
Shankar Padmanabhan	Vice President - Shared Services	Equitas Small Finance Bank, Chennai