



# Q-ZINE

Bimonthly Newsletter

National Institution for Quality & Reliability  
Chennai Branch

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MARCH - APRIL 2018

## National President Speaks...



Dear Quality Professionals,

The current financial year (2017-18) has been very eventful with various new initiatives undertaken by all of us at NIQR to drive the quality culture across the country.

Our awareness drive "Quality for Industry 4.0 (QFI4.0)" has been accelerating continuously and has touched over 11000 minds across the industries as well as institutions. As a next step towards implementation of Digital Quality practices, we have signed MOU with Samarth Udyog Technical Forum (SUTF), Pune to conduct pilots with some select MSMEs in Chennai. This will pave way for us to join the digital revolution for quality promotion throughout the nation.

Our core activities viz. Six Sigma training & competitions, evening lectures, seminars are going full swing. We had recently invited a senior member from the American Society of Quality to deliver Suzuki Endowment lecture and

share his experiences with Reliability.

Our branches at Chennai, Bangalore, Delhi NCR, Pune, Trivandrum etc. are actively engaged in quality promotion across the country in line with the vision & mission of NIQR. Recently our Puducherry branch too has joined the mainstream.

We are now preparing for our Global convention on 10<sup>th</sup> & 11<sup>th</sup> August 2018 at Chennai Trade Center. Theme of this convention "Digital Quality for Disruptive Future" is apt, to help in preparing ourselves to meet challenges put forth by the rapid transformation happening across our country in the technical and commercial space.

I am confident that team NIQR is steadily moving in right direction to support the "Make in India" mission.

With best wishes!

**P. K. Aggarwal**

## Chairman's Message

Dear NIQRians,

Hope all you did very well in the last Financial Year which ended just a few days back! I wish the new financial year brings you more prosperity.

We have a huge task ahead of us in this new financial year. Our 16<sup>th</sup> Global Quality Convention; this convention will become the first in NIQR History in many ways; 1000+ participants, 100+ Exhibitors and very prominent speakers. We are also planning to take the visibility of our NIQR to greater heights through Digital Marketing. We are creating a will be posted in Facebook, LinkedIn, Twitter, etc.

With all our efforts, we will make sure that our convention will shake the Indian Industry, especially, shake the minds of the Participants and make sure that our NIQR name will be engraved forever in their minds.

Big things require Big Efforts, Collective and Voluntary efforts from all of you.

Request all your Support...

**K. Manikandan**

**From Secretary....**

We have organised six evening lectures in the first quarter of 2018; they were well received by the members and guests.

On the education front, we organised a National Conference on "Electric Mobility – Opportunities and Challenges" in SRM University, Vadapalani on 22<sup>nd</sup> February 2018. Sixty-four papers were submitted from 19 institutions. We organised three guest lectures for our student chapters in Dr MGR University (2) and Rajalakshmi Engineering College.

In the premiere program of NIQR, we take pride that we have so far sensitised 11500+ minds

with our awareness program on Industry 4.0 in industries and institutions.

Now we have a huge task on our hands, the 16<sup>th</sup> Global Quality Convention with 1000+ delegates and 100 exhibitors. Considering the mammoth preparatory work needed for this mega international event to pool all our thoughts and energies, it is decided to give a break for our regular activities.

We are sure that we will make it a grand success with all your participation and support.

with regards

**C. V. Gowri Sankar**

# WELCOME

**NIQR welcomes the new members who joined during March April 2018**

## Individual Life Members

Mr. V. Kamesh - Manager Quality Whirlpool of India Ltd.

Mr. V. Rajasekaran - Partner - Hi Tech Engineers

Mr. Venkatakrishna - Head Operations - Lucas TVS

Mr. K. P. Vivekanandan - Consultant

## Individual Annual Members

6 Members

## Company Members

Whirlpool of India Ltd.  
Unicorn (Bangalore) Pvt. Ltd.

## **Chennai Branch Activities**

### **Monthly Evening Lecture Programs February 2018**

On 21<sup>st</sup> February 2018, Mr. N. Sankara Narayana Pillai, Former Head -Information Security and Risk Management, Ashok Leyland Ltd. delivered a lecture on "Information Security" at NIQR Conference Hall.

Mr. C. V. Gowri Sankar welcomed the gathering and introduced the speaker.

Mr. NSN Pillai, as he is fondly called, emphasized that Information is a vital asset and need to be protected appropriately. He elaborated how Risk is part of any business activity and how IT Risk has become very important in today's digitalized world.



He presented in simple terms how to preserve confidentiality, integrity and availability of information, while complying with all applicable requirements.

Human resources are one of the strongest and strangely at the same time, weakest links in the security chain. Achievement of security through technology is limited. He focused on select cyber attacks and preventive steps like malwares, viruses and worms. According to him, the best management procedural controls include: Building any system from original clean master copies and not pirated versions of software. He concluded that: Information security is no more a choice, but an imperative. Mr. K. Manikandan, Chennai Branch Chairman, NIQR summed up the proceedings and appreciated the speaker's passion in coaching aspirants of CIA and CISA using his vast experience.

Mr. Daniel, Office manager, NIQR honoured the speaker with a shawl, Mr. K. Manikandan, honoured the speaker with a memento and Mr. Adithya and Mr. Sayam speakers of the next program honoured the speaker with a laminated memento.

NIQR Chennai Branch Newsletter was released on the occasion by the speaker and Mr. N. Muthiah, Sr. manager, Ashok Leyland Ltd. received the first copy.

Mr. Gowri Sankar thanked the participants.



**Mr. NSN Pillai, ACA (ICAI, India), DISA-(ICAI), CISA, CISM, & CRISC (ISACA, USA), CIA (IIA, USA) has a professional career of 10 years in internal audit, 10 years in Finance and 15 years in Information Security and Risk Management with Ashok Leyland. Lead a team to get coveted ISO 27001 for Ashok Leyland Ltd. the first among all automobile industries in India.**

**Post retirement, he is coaching regularly aspirants of CIA and CISA & other global certifications conducted by IIA and ISACA.**



## Monthly Evening Lecture Programs March 2018

On 8<sup>th</sup> March 2018, Mr. A. Adithya & Mr. S. Sayam, B.Tech students of SRM Institute of Science and Technology, Ramapuram delivered a lecture on "Introduction to Crypto Currencies" at NIQR Conference Hall.

Mr. C. V. Gowri Sankar welcomed the gathering and introduced the speakers focusing on their ambitions.

Mr. Adithya started the session comparing virtual currency and crypto currency; he focused on the genesis of bitcoin the first and most popular cryptocurrency. Mr. Sayam explained the need for it as the conventional ones were counterfeitable and had the risk of inflation. The students then explained the concept of blockchain and the secure-data sharing possible in blockchain and the reliability of data security in this technology. The use of Ethereum for payment to vendors for parts supply was explained well.

They also shared the security challenges in crypto currencies and the current legality scenario without proper regulatory frameworks across the world.

Mr. C. V. Gowri Sankar summed up the proceedings and applauded the students using simple language and increasing the participants' urge to learn more about the new technology.

Col K S Chakravarthi (Retd) honoured the speakers with shawls, Mr. K. Manikandan, Chennai Branch Chairman, NIQR honoured the speakers with mementos and Ms. Chamundeshwari honoured the speakers with laminated mementos.

Mr. Gowri Sankar thanked the participants.



### Ambition of Mr. A. Adithya:

To complete and establish open platform in every industrial sector & an expert scientist in electronics, material science and computer science.

### Ambition of Mr. S. Sayam:

To become a Robotic Engineer and build a company which manufactures robots for national defense as well as build home appliance based products.



## Monthly Evening Lecture Programmes March 2018



On 26<sup>th</sup> March 2018, Mr. T. M. Venkatesan, Mentor and Trainer for ([www.focus5.in](http://www.focus5.in)) delivered a lecture on "Kaizen 70 years Vs Thirukkural 1700 years" at NIQR Conference Hall.

Mr. C. V. Gowri Sankar welcomed the gathering and introduced the speaker and expressed his gratitude to Dr. V. M. Gunasekaran for suggesting the speaker. He pointed out the novelties introduced by NIQR in the last six months in respect of identifying speakers with varied experiences for the evening lectures i.e, young engineers, Engineering Students and now a couple, Ms & Mr. Venkatesan.

Mr. Venkatesan showed lot of Kaizens implemented in various industries and service organisations; He also explained the seven Principles and Values for Kaizen

1. Maintain and improve standards
2. Focus on process
3. Gemba improvement management
4. People's Participation
5. Top management commitment
6. Discipline and constancy
7. Experimentation and observation skill

Ancient Indian literatures possess huge wisdom. "Thirukkural" is one such profound literature packed with values. The speaker showed various examples from Thirukkural by way of illustrating his point.

The speaker showed how the principles of Kaizen are easily learnable from Thirukkural. At the end he conducted a quiz on knowledge on Kural and rewarded the winners with some books and CDs as prizes.

Mr. Kothandaraman, ECM, NIQR Chennai Branch summed up the proceedings and appreciated Mr Venkatesan's methodology of conducting the lecture. He and the audience appreciated his research of Thirukkural to relate the verses in it to Kaizen principles

Mrs. and Mr. C. V. Gowri Sankar honoured the speaker and his spouse with a shawl, Mr. K. Manikandan, honoured the speaker with a memento and Mr. Noor M. Saied, CMD, Fortran Circuit Electronics Pvt. Ltd., Chennai honoured the speaker with a laminated memento.

Mr. Gowri Sankar thanked the participants.

**Mr. T. M. Venkatesan** is a Mechanical Engineer (AMIE) from Institution of Engineers. After 30 years of service in TVS Sundaram Clayton Ltd and IAEC Pumps Ltd (Chennai), he became an entrepreneur for the next 20 years running an Auto parts unit at Hyderabad as an OEM for Bajaj Auto Limited. Now he is a Mentor and Trainer for a training Organization ([www.focus5.in](http://www.focus5.in)).



SRM – IQR National Conference

NIQR Chennai Branch and SRM University, Vadapalani organised a one day National Conference NCEM2K18 on 22<sup>nd</sup> February 2018 at SRM University Vadapalani Campus. The theme of the Conference was “Electric Mobility – Opportunities and Challenges”.

The seeds for the conference were put from the inspiring speech by Mr. P. K. Aggarwal, NIQR National President during the LSN Gupta Memorial Lecture by Mr. Manikandan, Chairman NIQR Chennai Branch on ‘Electric Mobility’.

64 papers were received from 19 Institutions and they were scrutinised by Mr. C. V. Gowri Sankar, Secretary - NIQR Chennai Branch and Mr. N. Muthaiah, Senior Manager, Electric Vehicle Division, Ashok Leyland and 40 papers were selected for final presentation on the conference day.

The Chief Guest for the inaugural function was Mr. P. K. Aggarwal, Vice President – Corp. Quality, TAFE Ltd. During his inaugural address, he highlighted the importance of “Electric Mobility” and its future. He also highlighted the recent initiatives taken by the leading auto manufactures and their migration towards EVs. He projected the challenges for the

end users if Electric Vehicles completely replace the IC Engine based cars. He congratulated and motivated the student community for showing interest in the field of Electric Vehicles.

Mr. K. Manikandan, Head – Sourcing Development, Ashok Leyland delivered an invited talk on the “Opportunities and Challenges” in automotive industries with the implementation of EVs. He took the audience in his stride with his presentation about the features of Tesla Electric Cars which had only 20 moving parts against 20,000 in an IC Engine based car; and the scope of using lubricant becomes virtually zero. He also did mention about the latest policy of Europe in stopping the new investment in IC engine based vehicles.

The main proceedings started with paper presentations in four halls. Dr. G. Saravanan, Facility Manager, Products Support and Logistics, Caterpillar India, Mr. A. Nandakumar, Divisional Manager, Sourcing and Supply Chain, Ashok Leyland, Mr. K.M. Veeramani, Deputy General Manager, Sourcing and Supply Chain, Ashok Leyland, Mr. N. Muthaiah, Senior Manager, Electric Vehicle Division, Ashok Leyland were the juries.



<b>1<sup>st</sup> Prize</b>	Mr. Aloysius K Mr. Vignesh S Mr. Shyam Kannan C	Hybrid Battery thermal management system using thermoelectric generator	Valliammai Engineering College
<b>2<sup>nd</sup> Prize:</b>	Mr. Ravi Manish Mr. Lakshmi Narashiman	Electric Semi Truck	SRM University Vadapalani Campus
<b>3<sup>rd</sup> Prize (Two Teams)</b>	Mr. Lakshmi K Mr. Ranjith Kumar Mr. Velmurugan N	Electromagnetic Reciprocating Engine	R M K Engineering College
	Mr. Monish Kumar M R Mr. Ranjith Kumar V R Mr. Karthiekeyan S	Hydrogen fuel celled electric vehicle with regenerative braking	SRM University Vadapalani Campus
<b>Memento</b>	Mr. Sayan Dasgupta Mr. Sunil Kumar G	Curtain Raiser	SRM University Vadapalani Campus

Top two teams from the 4 streams were selected for final presentations in the auditorium in front of a full house. The details about winning teams are given in a separate box.

Dr. Mani Karthik, Senior Scientist, Center for Nano Materials, ARCI – Hyderabad, delivered an invited talk during which he mentioned about the launch of Asia's first super-capacitor powered Electric Buses in India and related research work carried out in Electric Vehicles at ARCI under Government of India missions.

Mr. S. Rajasekaran, National Vice President NIQR was the Chief Guest for the Valedictory Function. In his address to the audience, he encouraged the participants to come up with start-ups and become the entrepreneurs in the field of Electric Mobility as this could generate more opportunities in future.

The Chief Guest distributed the awards to the winning teams and also mementos to the students who have donned the curtain raiser.



### Industry - 4.0 Awareness Programs

In the last two months, Chennai Branch conducted five programs in the following institutions and we have sensitised 11500+ minds so far.

1. Kalasalingam University, Srivilliputhur on 17<sup>th</sup> February 2018
2. Easwari engineering College, Chennai on 19<sup>th</sup> February 2018
3. PSG Institute of Tech & Advanced research, Neelambur, Coimbatore on 27<sup>th</sup> February 2018
4. Karunya University, Coimbatore on 28<sup>th</sup> February 2018
5. Ramakrishna Engineering College, Coimbatore on 1<sup>st</sup> March 2018





10<sup>th</sup> & 11<sup>th</sup>  
August 2018

# Digital Quality for Disruptive Future



16<sup>th</sup> Global Quality Convention,  
Chennai Trade Centre, Chennai

## About the Convention:

- NIQR is a Premier Institution, infusing Knowledge, Skill and Competency into Indian Industry in the areas of Business Excellence, Quality and Reliability for over five decades
- We have been serving the Indian Industry in enhancing their competitiveness on a continuous basis
- We envision the future and the trends for our Nation's Businesses and collate the collective wisdom of Industry Captains to adapt to the changes and deliver it to our Industry in various forms and forums
- Our Bi-Annual Quality Conventions serve as a platform to impart knowledge on a massive scale, roping in "Thought Leaders" of the entire spectrum of Indian Industry
- The 16th Global Quality Convention focuses on the disruptive future trends in the Global Scenario in line with the future that is approaching our Industry at a Rapid Pace
- This convention will throw certain insights on the possible disruptions and the required preparations
- Besides lectures, the Convention offers many practical solutions

### NIQR's Vision

Be a World class professional Institution  
Dedicated for promotion of Excellence in Quality

## Convention at a Glance



Thought Leaders  
20+



Delegates  
1000+



Exhibitors  
200+



Exhibition Visitors  
5000+





### Takeaways from the Convention:

- Smart Factory experience
- Tips to make your own factory smarter
- Electric Mobility's disruptions
- Challenges & Opportunities in the Electric Mobility Era
- Future of the Industry in the Digital Era
- Skill-sets required in the Digital Future
- Networking with 200+ exhibitors

Answers and Solutions to the above ...From the Industry Captains, Thought Leaders, Policy Makers, Educationists, Solution Providers etc...

### Spectra of Exhibitors:

- Artificial Intelligence in Industry ecosystem
- IoT in manufacturing space
- Digitising in Quality space
- Smart Factory - display of critical architecture
- Electric Vehicle - related developments in the industry ecosystem
- 3D Printers - live demonstration of making of parts
- And much more related to Industry 4.0

### You Can...

Participate in our Sponsorship Program as per the details given below.

Principal Sponsor - Rs 15 Lakhs (9 Sq.m of Free Exhibition Space + 10 Free Participants)

Platinum Sponsor - Rs 10 Lakhs (10 Free Participants)

Diamond Sponsor - Rs 7 Lakhs (8 Free Participants)

Gold Sponsor - Rs 5 Lakhs (7 Free Participants)

Silver Sponsor - Rs 3 Lakhs (5 Free Participants)

### Participants Fee:

Rs 10000/ Participant

### Exhibition Space Tariff:

Rs 12000/ Sq.M

(All figures inclusive of GST)

*Let us Disrupt Ourselves NOW...  
Rather than in the Future...*

10<sup>th</sup> & 11<sup>th</sup>  
August 2018

## NIQR Student Chapter, Rajalakshmi Engineering College

### Lecture on "5S & Kaizen"



The NIQR Student Chapter of Rajalakshmi Engineering College, Thandalam, Chennai organised a guest lecture on "5S & Kaizen" by Mr. S. Murugan on 12<sup>th</sup> February 2018 from 9.30am to 1.00pm.

Program started with the welcome & inaugural address by Dr. S. P. Srinivasan, Professor & HOD – Mechanical Engineering.

The speaker explained in detail 5S & Kaizen giving lot of practical examples. Case study examples from various industries were shown along with videos insisting the importance of 5S. Kaizen done by Mechanical Department staff was presented as a case study to propagate the need and the effectiveness of the same. The program was well received by all the participants with lot of interactions.

Totally 66 non-management staff and seven students attended this program.

The entire program was coordinated by Mr. Devanathan, Professor of Mechanical Engineering Department who proposed the vote of thanks.

## NIQR Student Chapter, Dr MGR University

### Lecture on "Additive Manufacturing"

The NIQR Student Chapter of Dr MGR University - Educational and Research Institute organised a guest lecture on "Additive Manufacturing" by Mr. R. Abilash Chakaravarthy, Special Director Projects, Infant Engineers Pvt. Ltd. on 14<sup>th</sup> March 2018 from 10.00 am to 12.00 noon.

Dr. K. Rajan, Professor Mechanical coordinator of the programme introduced the speaker to the students.

Mr. Abilash started the session by explaining the difference between conventional manufacturing and additive manufacturing especially in material requirement. He detailed the process of 3D printing and the major three types, namely, FDM (filament spools) SL`S (powder cartridge) and SLA (resin cartridge).

His explanation of the process flow of 3D printing from conceptualizing to printing and infill % (the amount material that is actually needed to withstand a specific load) were well received by the audience.

There were 250 students from Mechanical Engineering Department; the students showed keen interest in the topic and the Q&A session was very lively.



## NIQR Student Chapter, Dr MGR University

### Lecture on "Materials and Inventory Management"

The NIQR Student Chapter of Dr MGR University - Educational and Research Institute organised a guest lecture on "Materials and Inventory Management" by Mr. D. Sekhar, Joint Secretary, NIQR Puducherry Branch on 11<sup>th</sup> April 2018 from 10.30am to 1.00pm.

Dr M Ganesan HOD, Mech., Engg. presided over Program and Introduced the Speaker to the Students.

The speaker explained the importance and share of Raw Materials in Manufacturing and also its effective conversion storage. Basic Concept and method of Red tag /DOL /JIT /Kanban /3C /SMED were explained with photos/videos. Importance of Inventory, ABC analysis and KPI Calculation for Inventory control and Monitoring were explained graphically.

Totally 210 students of Final & Pre-final year Mechanical Engineering attended this program. The entire program was coordinated by Dr. R Ganesan, Professor of Mechanical Engineering Department. Dr. Mano Bala, AP of Mech Engg Dept proposed the vote of thanks.



## Head Quarters Activities

### Above NIQR sign MOU with SUTF

NIQR has signed a Memorandum of Understanding with M/s Samarth Udyog Technical Forum (SUTF) to support and participate through the C4i4 initiative (Centre for learning in Industry 4.0) to drive the implementation of industry 4.0 practices at MSMEs.

The Pune City Centre of C4i4 was launched on 11<sup>th</sup> December 2017 under the SAMARTH Udyog Programme (Smart and Advanced Manufacturing And Rapid Transformation Hubs). This is an initiative of the Department of Heavy Industries, Government of India.

Four such centres are started by Government of India and the Pune centre is mentored by M/S Kirloskar Pneumatic Company Limited.

The MOU was signed on 3<sup>rd</sup> March'2018 at Pune by Mr. P. K. Aggarwal, National President NIQR and Mr. Dattatraya Navalgundkar, Director SUTF in the presence of Mr. Rahul Kirloskar, Chairman, Kirloskar Pneumatics and the senior members of NIQR from Chennai & Pune. This MOU will help in conducting a joint pilot project with 5 Chennai companies out of 50 MSMEs planned by SUTF under their commitment with DHI. Based on the learnings from these pilots, NIQR will take a decision to establish a demo center at Chennai with the help of SUTF to support other MSMEs. Based on success of this initiative at Chennai, other branches of NIQR will subsequently join this movement.



**Felicitations Function for Deming Prize Winners**

NIQR takes pleasure in felicitating eminent personalities and organisations which have contributed much for the promotion of quality and TQM. Over the years, NIQR has felicitated both Individuals and Organisations for winning the coveted Deming Prize.

On 6<sup>th</sup> April 2018 it organised a Felicitations Function at Hotel Hilton Chennai for Ashok Leyland Limited Hosur Plant II and CEAT Limited for having won the Deming Prize for the year 2017.

Mr. S. Muralishankar, National Treasurer, NIQR welcomed the august gathering which included Industry Heads apart from NIQR Members and congratulated the winners.

Mr. S. Rajasekaran, National Vice President, NIQR spoke about the achievements of Ashok Leyland in growing from 17<sup>th</sup> position in 2010 to 12<sup>th</sup> position in 2017, in commercial truck manufacturing globally.

Mr. K. Manikandan, Chairman, NIQR Chennai Branch in his address, mentioned about CEAT Limited's strong R&D capability, in designing one of the safest tyres in the country and QBM – the CEAT way of management.

Mr. P. K. Aggarwal, National President, NIQR felicitated Ashok Leyland Limited represented by Mr. R. Sivanesan, Sr. Vice

President, Quality, Sourcing & Supply Chain, Mr. P. Harihar, Sr. Vice President, Manufacturing & Project Planning and Mr. Unnikrishnan Vice President-Mfg., Hosur-2 and CEAT Limited represented by Mr. Shekhar Ajaonkar, Senior Vice President – TQM, CEAT Limited with mementos.

In his Presidential Address, he made a mention that during the last 10 years globally 28 organizations have received the Deming Prizes and our country is on Top of the list with 10 winners. In 2017 only these two organisations have won Deming Prize and NIQR is happy to felicitate them.

In his acceptance speech, Mr. Unnikrishnan thanked NIQR for the felicitations function arranged in a grand manner. He then made a presentation highlighting the DM & PM processes, making 40% of the plant area Green, adopting schools in Krishnagiri village as part of CSR initiatives.

Mr. Shekhar Ajaonkar of CEAT Limited in his acceptance speech elaborated on the QBM, the CEAT way of management combining all TQM initiatives, long term effect of TQM in a crisis ridden factory way back in 2008 and Eye testing of one lakh drivers every year & Bubble heads for reducing speed as part of CSR initiatives.

Mr. K. Sridharan Balaji, National Secretary, NIQR proposed the vote of thanks.



The Deming Prize is a Global Quality Award, the oldest and mostly recognised Quality Award in the world that recognises both Individuals for their contributions in the field of Total Quality Management and Businesses that have successfully implemented TQM.



## NIQR Fellowship Award Function



National Institution for Quality and Reliability confers NIQR Fellowship on Quality Professionals in recognition of the outstanding services rendered by them for the Quality Movement and NIQR.

Instituted in the year 2014, so far 22 of leading Quality Professionals have been conferred the NIQR Fellowship Award.

On 6<sup>th</sup> April 2018, NIQR Head Quarters organised the NIQR Fellowship Award Function at Hotel Hilton Chennai.

Dr. V. Swaminathan, National Vice President, NIQR briefed about the NIQR Fellowship Award and introduced Mr. T. Eapen Koshy, the Past National President (1991-1993) to the audience and mentioned about his roles in erstwhile NIQA and starting of NIQR.

Mr. P. K. Aggarwal, National President, NIQR conferred the NIQR Fellowship on Mr. Koshy and spoke about the growth of NIQR with contributions from stalwarts like Mr. Koshy.

In his acceptance speech, Mr. Koshy thanked NIQR for the honour and expressed his confidence that NIQR will grow more in years to come.

Mr. K. Sridharan Balaji, National Secretary, NIQR proposed the vote of thanks.



## Bangalore Branch Activities

### Meeting with NIQR Bangalore Branch Executive Committee

A team from Chennai, led by Mr. P. K. Aggarwal, National President NIQR, along with Mr. S. Rajasekaran, National Vice President and Mr. G. Rangarajan, Past National Secretary, visited Bangalore on 23<sup>rd</sup> February 2018 to meet the executive committee members of NIQR Bangalore branch. Mr. Sarathy, Chairman of the branch, along with other senior members of the EC, explained about major initiatives undertaken by the branch. Based on recommendations from the National President, five senior members from manufacturing industry - M/s Ashok Leyland Hosur, Volvo, Mahindra Electric & IFB Automotives Bangalore, were inducted into the Executive Committee as co-opted members.

Mr. Rajasekaran made a detailed presentation about the theme and various activities being planned for the forthcoming Global Convention on 10<sup>th</sup> & 11<sup>th</sup> August 2018 at Chennai. Bangalore team has shown enthusiasm to participate and support various activities in a big way.

Mr. G. Rangarajan made a presentation to reiterate the roles & responsibilities of the branches towards membership, promoting quality activities through evening lectures, seminars etc. He also explained about the new bye laws of NIQR and also the expectations w.r.t. improved financial and accounting activities.



## Pune Branch Activities

### Meeting with NIQR Pune Branch Executive Committee



A team from Chennai, led by Mr. P. K. Aggarwal, National President NIQR, along with Mr. S. Rajasekaran, National Vice President, Mr. K. Manikandan, Chairman Chennai branch and Mr. C. V. Gowri Sankar, Secretary Chennai Branch, visited Pune on 3<sup>rd</sup> March 2018 to meet the Executive Committee of NIQR Pune Branch. Mr. Vikram Salunkhe, Vice Chairman NIQR Pune Branch, along with other senior members of the EC, explained about major initiatives and other activities undertaken by the branch.

Mr. K. Manikandan made a detailed presentation about the theme and various activities being planned for the forthcoming Global Convention on 10<sup>th</sup> & 11<sup>th</sup> August 2018 at Chennai. Pune team will conduct a brain storming and share their inputs with the convention committee.

## Puducherry Branch Activities

### Relaunch of NIQR Puducherry Branch

The Puducherry Branch of NIQR was relaunched in a glittering function at Hotel Jayaram, Puducherry on 3<sup>rd</sup> March 2018. Shri. O. M. H. F. Shahjahan, Honourable Minister for Revenue, Industries and Commerce, Govt. of Puducherry was the Chief Guest for the function.

- Mr. V. Venkatakrishnan, Plant Head, LUCAS TVS, Puducherry and Chairman-elect of the Branch welcomed the Chief Guest, senior members of NIQR HQ, members of Puducherry NIQR and special guests.
- Mr. K. SridharanBalaji, National Secretary - NIQR briefed about NIQR and its activities and the role of Branches.
- Mr. K. N. Krishnanamurthy, Past National President – NIQR delivered a Special Address.
- Dr. V. Swaminathan, National Vice President – NIQR delivered the Presidential address.
- Hon'ble Shri. Shahjahan in his address explained about Quality and Reliability, their importance and role in today's business to sustain in the global market. His way of deliverance was very much appreciated by one and all present and especially his deliverance in TAMIL.
- He handed over the symbolic Key to the newly elected Chairman Mr. V. Venkatakrishnan
- Mr. G. Rangarajan, Past National Secretary – NIQR was the Master of Ceremonies .
- Mr. K. P. Vivekanandan, Secretary of the branch delivered the vote of thanks.



## Members in News

### Mr. K. P. Vivekanandan in MITILENCE



**Mr. K. P. Vivekanandan, Secretary** of NIQR Puducherry Branch was the Chairman for paper presentation organised by Department of Mechanical Engineering in MITILENCE (National Level Technical Symposium) at Manakula Vinayagar Institute of Technology, Pondy on 9<sup>th</sup> February 2018.

### Mr. R. Sivanesan - WBR Best Quality Leader Award

World Business Review Corporation (WBR Corp), a leading Brand Management Consulting & Research firm in Asia evaluated more than 1500 Companies in different categories and awarded **Mr. R. Sivanesan, former National President**, NIQR & Senior Vice President, Quality, Sourcing and Supply Chain of Ashok Leyland, as the "Best Quality Leader Of The Year" in their Individual award category in "The Most Enterprising Brands & Leaders of Asia 2018" in their 77<sup>th</sup> International Award Function held at Mumbai on 28th February 2018.



### Dr R. Srinivasan in Hong Kong



**Mr. R. Srinivasan, Former Chairman**, NIQR Chennai Branch & Sr. GM – Operations, Matesan Synchrocones Pvt. Limited had a meeting with members of Hong Kong Society for Quality (HKSQ) at Hong Kong Science Park on 27<sup>th</sup> December 2017. During the meeting, he explained to them the background of National Institution for Quality & Reliability, its vision and mission; he detailed NIQR's activities and the ensuing Global Quality Convention in August.

### Mr. S. Murugan - Abdul Kalam gold award

**Mr. S. Murugan, Executive Committee Member**, NIQR Chennai Branch was awarded the Dr. A. P. J. ABDUL KALAM GOLD Award for his contribution to industries in implementing best practices for improving overall performance for the year 2018 by "Global Economic Progress and Research Association" on 8<sup>th</sup> March 2018 at Hotel Citadel, Bengaluru.



# 16<sup>th</sup> Global Quality Convention

## Digital Quality for Disruptive future



We are in the Era of Disruptions. There are disruptions occurring, in the way we Manufacture Products and Offer Services and also in the way we move and transport. The 4<sup>th</sup> Industrial Revolution focusing on connected digitally, seamless communication, reduced manual intervention and CASE – Intuitive Mobility will drastically change the Quality Landscape.

### Session 1: Transforming Indian Business – Challenges & Opportunities

Indian Industry needs to adapt to the disruptions to survive in the Business. The disruptions bring in plenty of new opportunities for the Businesses. We need to develop the skill of identifying those opportunities right in the beginning; it gives us plenty of advantages in terms of developing a new Business early in the market place.



### Session 2: Digital Quality



In the face of digitalization of all the Processes, Artificial Intelligence and Machine Learning, The Quality Management landscape needs to get changed drastically in terms of Quality Planning & Management. While the Quality Management System aligns to the Digital Transformation, we need to preserve the fundamentals of it. The challenges in preserving the fundamentals need to be understood and overcome.

### Session 3: Future of Mobility

The way we move and transport is getting changed across the globe. This need for the change stems from the fact that the conventional energy resources are getting depleted very fast and there is a huge environmental related issue. CASE - Intuitive Mobility (Connected, Autonomous, Shared and Electric Mobility) and usage of non-conventional energy for mobility are the focus areas across the Globe.



### Session 4: Smart Manufacturing



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### Session 5: Disruptive Transformation-MSME's perspective

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### Session 6: Feeling the Transformation



Transformation is happening not only in any particular industry but it is happening across all industries. It is very useful to know how each industry is predicting and developing solutions to face the transformation. It takes lots of thinking, idea generation and more importantly Innovation and Execution to transform any Industry or any Business.



## National Institution for Quality & Reliability

Chennai Branch Newsletter March - April 2018

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