Greetings from Indian Society for Quality

We saw overwhelming response for its eLearning program on "Daily Management and Breakthrough Management", designed and delivered by Mr. Mahesh Hegde on 13th April 2020. Because of capacity constraints, we had to restrict the number of participants to 100.

ISQ brings the second eLearning opportunity for the quality fraternity as mentioned below.

Subject: Importance and Use of Problem-Solving tools
Faculty: Mrs. Sarika V. Joshi
Date : 21 04 2020 **Duration:** 3 PM to 5 PM
Who Should Attend: Engineers, QC/ QA personnel, decision makers and those who are interested in quality as an engineering profession.

Those who want to participate are requested to register by filling and submitting details in the link below.

https://forms.gle/K6NowsHGLoJ7h65L9

You may forward the link to interested colleagues whom you think this eLearning program will be beneficial.

Note: This program is free for participants.
The registrations will be limited to 100 in order to ensure quality of communication.

The acceptance of registration will be on **first come first serve** basis. A separate link will be sent to join the training program for the first 100 registrations.

Overview of the program:

Cost of Poor-Quality reduction has been always focused as one of the priorities in automotive manufacturing. Stringent Quality requirements/ tough competition/Global participation make manufacturer to keep strict checks on inspection, rework, rejection etc. It has therefore become imperative to continue minimizing rejection and variations in the processes. Especially after coming out of unprecedented situation it will be even more challenging to deal with variations or rejections. It has been proven time and again that data driven approach supported by technological knowledge help in achieving sustained quality. This training is to reemphasis use of simple to complex quality tools to help improving Quality in manufacturing. Real life examples of use of selected tools will be discussed during the training to demonstrate how use of tools can be beneficial to the manufacturers. How to use these tools using Excel or Minitab will also discussed.

Program Contents:

- Stratification
- Concentration Diagram
- P Diagram
- Hypothesis test** examples
- Cause and effect diagram

- Cause analysis Table
- DOE** for optimization

** Theory of these tools is out of scope of this training and hence will not be discussed.

Profile of the faculty:

Mrs. Sarika Vivek Joshi has a bachelor's degree in Electronics and Telecommunication from India and Master of Science (MS) in Industrial and Systems Engineering from the Ohio State University (OSU), USA. As a Graduate Research Associate at OSU, she worked on a research project of study and after graduation, Sarika joined Ryobi Die Casting Ltd as a product quality engineer and eventually moved into technical training on topics like SPC, die casting defect analysis, customer complaint handling, Quality Systems etc. She was also instrumental in successful installation, implementation and training of CMM SPC software which helped their engineering team in many ways. She worked closely with Japanese mentors and American team in Quality during implementation of proven Quality tools and operating systems. She also completed Six Sigma Black Belt by ASQ in USA.

After living for ten years in USA, she joined Force Motors Ltd (FML), India in Supplier Technical Assistance (STA) department. She is a certified Lead Auditor for IATF 16949 and has herself audited more than two hundred supplier processes. As a part of supplier handholding, customized supplier training program developed by Sarika was introduced for FML Suppliers. She has delivered more than 2500 mandays of training in and out of Pune on topics like PPAP, MSA, SPC, APQP, 8D,7 QC tools etc. As Head of STA; she started several initiatives for enhancement of Suppliers' Quality Systems strengthening OEM-Supplier relationship.

To institutionalize data driven culture, Sarika has been driving problem solving in FML for past eight years and has so far facilitated more than 200 Six Sigma projects. The projects include warranty problems, PPM reduction, DOE process optimization, productivity improvement, cycle time reduction etc.

Sarika has published and presented technical papers and articles in Aluminum Caster's Association of India (Alucast) India. She is an editorial team member of Indian Society for Quality Pune chapter and was core team member to organize ISQ's flagship event in Pune. Sarika is a strong believer in Quality tools and aspires to India's progress in the best possible manner through continual learning and sharing of the learnings.

About Indian Society for Quality (ISQ)

ISQ was established as a Not-for-Profit Society with the objective of providing a national forum for interaction among quality professionals. The society acts as a catalyst and facilitation body for exchange of information and experience regarding Quality Management principles, technology and practices. Its mission is to pursue quality for prosperity. (Visit **www.isqnet.org** for more details). For details and applying for membership, download the application form here.

For more details about the eLearning program, please write to info@isqnet.org or call 8012580850.

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