Indian Society for Quality

Bengaluru Chapter Presents

TOPS
Convention
2024

A one-day contest on **T**eam **O**riented **P**roblem **S**olving / improvementcase studies / projects

24th May 2024 -Friday

B.M.S. College of Engineering,
Bull Temple Rd, Basavanagudi,
Bengaluru - 560019

Scan for Location

ISQ in association with Department of IEM, B.M.S. College of Engineering, Bengaluru is happy to announce a oneday contest on Team Oriented Problem Solving for executives from OEMs, Tier-1 and Tier-2 manufacturing companies, process industry, academia and service sector.

Co - Organisers
Department of Industrial Engineering and Management, B.M.S. college of engineering
Basavanagudi, Bengaluru, Karnataka

Objective

To promote scientific approach towards problem solving and teamwork, customer centric approach,technical and soft skills capability enhancement by sharing/learning through some of the best case studies from organisations of repute.

About Us

Indian Society for Quality (ISQ) is a not-for-profit society established in 1996 to fill the need for a national forum for interaction among quality professionals, leaders, practitioners and academicians. ISQ is a non-partisan, independent body that attracts and invites individual members from business organizations, health care,and educational institutions, government agencies and NGOs. Members share their knowledge and learn from each other. ISQ is thus engaged in both creating and disseminating
knowledge.

The mission of ISQ is to **"Contribute to the thriving of humanity in a Healthy Planet"** ISQ is well linked to similar national quality bodies in other countries. It is a board member from its very inception and has represented India in the Asian Network for Quality (ANQ). ISQ is a national partner to International Quality Innovation Award initiated by Laatukeskus Excellence, Finland and Quality Sustainability Award promoted by IAQ (International Academy for Quality). ISQ is the face of India in the world of quality.

To know more, please visit **www.isqnet.org**

Who can participate?

The competition is open to **Executives/ Supervisors** from OEMs, Tier 1 & Tier 2 companies, process and service organisations applicable to diverse areas of problem solving and it is methodology agnostic. Some suggested area for the Case Studies are New Product Development, Six Sigma, Customer Concern Resolution, Quality 4.0 DOE, CSI, 8D methodology, VSM, Life Cycle Assessment and TRIZ etc.

The program details

The competition is subdivided based on the methods/ tools employed during the problem solving.

Basic Problem-solving

Methods include 7 QC Tools, Why Why analysis, 8D Methods, 4M, QC Story etc. Project has moderate level of scope and complexity such as single defect on specific model or single station. Project has made impact on department or section level KPI.

Advanced problem-solving

Usage of advanced level tools such as design of experiments, hypothesis testing, Multi-Variate analysis, Good Bad Analysis, Innovation, TRIZ, Lean, TPM or Six Sigma Tools. Project has made impact on company level KPI or department level KPI. Project scope can be one product with multiple defects or multiple products with single defect, multiple process under consideration for analysis.

Awards & Recognition

3 best case studies will be awarded for "Basic" and "Advanced" problem-solving projects. These may be further subdivided into manufacturing and service sectors depending upon the applications received.
All the participants are eligible for the "Certificate of Participation".

How to apply?

- Participants may fill the attached registration form complete in all respects and send it to ISQ email ID mentioned in the application.
- The last date for submission of registration form with fee is 29th April 2024.
- Last date for sending your final presentation is 10th May 2024. Case studies should be from FY 2022- 23 and later.
- Presentations will have the following duration
    a. Basic problem-solving projects, 15 mins presentation plus 5 mins for Q&A
    b. Advanced problem-solving projects, 20 mins presentation and 10 mins Q&A

Tentative Agenda for 24ᵗʰ May 2024

Sessions Timings	Event
8:30 am to 9:00 am	Registration and Networking
9:00 am to 9:45 am	Welcome, Inauguration, Keynote Address
9:45 am to 10:00 am	Division of teams for parallel sessions and sequence of presentation
10:00 am to 11:30 am	Team presentations
11:30 am to 11:45 am	Coffee break
11:45 am to 1:00 PM	Team presentations continues
1:00 pm to 2:00 pm	Lunch break
2:00 pm to 3:30 pm	Team presentations continues
3:30 pm to 3:45 pm	Coffee break
3:45 pm to 4:45 pm	Keynote Address, Special Lecture on Quality 4.0
5:00 pm to 5:30 pm	Jury feedback, Awards ceremony, close

Seenivasan K,

Program chair
Head TQM
Indian Nippon Electricals Ltd

Dr. K N Subramanya

President-Bengaluru
Chapter
Principal, Professor
RVCE, Bengaluru

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For more information
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