



**RV College of
Engineering®**



Seminar on **Quality** 4.0

Date: 25~26, May 2023

Venue: R V College of Engineering, Mysore Rd,
Bengaluru, 560059, 080 6818 8100, 9663699299

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RV College of Engineering

RV College of Engineering ® (RVCE) established in 1963. The institution is run by Rashtreeya Sikshana Samithi Trust (RSST). RVCE is an Autonomous college. The institution offers 15 Bachelors & 14 Master Programs. All the departments have Research Centres, affiliated to VTU-Belagavi. The institution has set itself a Vision "Leadership in Quality Technical Education, Interdisciplinary Research & Innovation, With a Focus on Sustainable and Inclusive Technology". Recent awards and achievements include - Ranked 89th in the Country by National Institutional Ranking Framework (NIRF: 2020-21), QS-IGUAGE -Diamond University Rating (2021-2024), Ranked 1501+ in Times Higher Education World University Rankings-2023. Ranked 801+ in Computer Science and 1001+ Rank in Engineering category in THE World University Rankings-2023. 11 UG programs and eligible M.Tech, MCA programs have been accredited by NBA multiple times.

Department of Industrial Engineering & Management

The Department is offering Undergraduate Program in Industrial Engineering and Management with an autonomous status affiliated to VTU and accredited by National Board of Accreditation. The department also houses a research center and offers MS and Doctoral Program. The faculty, technical staff and the students continuously interact with the industries in order to assimilate the current trends and prevailing practices. The Department houses a professional association of students, IDEA aimed at enhancing the overall personality of the students. The Department organizes continuous improvement programs, technical lectures, seminars, and workshops on contemporary areas to bridge the gap between the syllabi and current Industry practices and developments.

Indian Society for Quality (ISQ)

Indian Society for Quality is being promoted as a 'Not-for-Profit' Society by Quality Professionals with the objective of providing a National Forum for Quality Education and for advisory role. The society will act as a catalyst and facilitation body for exchange of information and experience regarding Quality Management principles, technology and practices. It has been registered as a society under Societies Registration Act of 1860.

Relevance of the Seminar:

"Quality 4.0" is a term that references the future of quality and organizational excellence within the context of Industry 4.0. Quality professionals can play a vital role in leading their organizations to apply proven quality disciplines to new, digital, and disruptive technologies. To achieve excellence through quality is to embrace the future of quality. It is paramount that quality professionals help their organizations make the vital connection between quality excellence and their ability to thrive in disruption, using quality principles to enable transformation and growth. 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.

Seminar Outline:

The topics covered in the seminar includes: 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

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.

DAY 1

Program Structure:

Registration begins at 9 AM on 25 05 2023

Inaugural Session from 9 30 AM to 10 30 AM

Welcome address and introduction to ISQ	Chandra Mouli, President, Bengaluru Chapter - ISQ
Inauguration & lighting the lamp	Guests of honour
Address by Chief Guest	N. Ramanathan, Senior Quality Counsellor and Advisor
Evolution of Quality 4.0	Dr. K. N. Subramanya, Principal, RV College of Engineering
Tea break	10.30 AM to 11 00 AM

Technical session II (11 00 AM to 1 PM)

Quality 4.0 tools (11AM to 11 40 AM)	Sreekanta Aradhya. B, Global Head of Practice -Bosch (Industry 4.0)
Digital transformation 11 40AM to 12 20 PM	Chandra Mouli A. N. Chief Executive Officer at ANCM MANAGEMENT CONSULTANTS
Implementation Case study 12 20 PM to 1 00 PM	Narayan R & Raghudeep Madinani Ather Energy

Lunch (1 PM to 2 PM)

Technical session III (2 PM to 3. 30PM)

Establishing and implementing Q 4.0 principles (2 to 2 45 PM)	Madhusudhan Kestur - Director AmiT
Quiz – Round 1	2 45 PM to 3 00 PM
Tea break	3PM to 3 30 PM
Establishing & Implementing Q 4.0 3 30PM to 4 15 PM	Keshava Murthy – Technical Engineering Function – Bosch, Bidadi Plant
Dr. Nicole Radziwill, SVP & Chief Data Scientist USA	4 15 PM to 5 00 PM

DAY 2

Program Structure:

Industry visit

Q 4.0 Experience sharing , Lunch (8 30 AM to 2 30 PM)	Bosch Limited, Bidadi plant
Quiz – Round 2	2 30 to 3 00 PM
Tea break (3 00PM to 3 15PM)	
Panel discussion (Hype vs Reality) (3 15 PM to 4 30 PM)	<ol style="list-style-type: none">1. T.R. Parasuraman, Past President, BCIC and External Affairs & Govt Connect, Toyota Group2. Uma Balakrishnan – Director AXCEND Automation & Software Solutions3. Ved Parkash – Advisor Ather Energy
Feedback from Participants (4 30 PM to 4 50 PM)	
Concluding remarks (4 50 PM to 5 00 PM)	Dr.Gijo E V – Indian Statistical Institute