

Report on TOPS Convention 2023 – Bengaluru Chapter

Venue: Ramaiah University of Applied Sciences, Peenya, Bengaluru

Date: 21st July 2023

ISQ has been conducting the contest of Team Oriented Problem-Solving projects for executives from OEMs, tier 1 and tier 2 manufacturing companies, process industry, academia and service sector every year since 2019. The objective of the program is 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.

Following the successful TOPS Convention 2022 organized by the ISQ Bengaluru chapter in September 2022, the ISQ Bengaluru chapter hosted another successful event TOPS - 2023 on 21st July 2023. The event took place at M S Ramaiah University of Applied Sciences, located in Ramaiah Technology Campus, Peenya, Bengaluru. ISQ expresses its gratitude to Dr. Govind R Kadambi, Pro Vice Chancellor — Research, and Dr. B S Dayanada, Head of Mechanical and Manufacturing Engineering Dept., for sponsoring the venue for TOPS - 2023.



The event was inaugurated by Dr. Govind R Kadambi and was graced by ISQ Bengaluru Chapter Executive Committee, Mr. Chandra Mouli - President, Mr. Prakash G - Vice President, Mr. Ameet Gaonkar - Honorary Secretary, Dr. E V Gijo - Executive Member, Mr. Lokesh Venkataswamy- executive member. Mr. Seenivasan – member of ISQ Bengaluru chapter was the Program Chair for TOPS 2023 in Bengaluru.

Dr. Govind R Kadambi explained the fundamental expectations from quality professionals and shared his experiences on quality engineering. He stressed the commitment of professionals to set proper directions and also ensure execution of actions – the importance of knowing, planning and doing.

Mr. Chandra Mouli introduced the vision and mission of ISQ, events conducted in 2022, 2023 and further events planned in 2023. He placed on record the wonderful support from GC and Mr. Ramanathan. He expressed happiness on the start of Student Chapter in Chennai and informed that ISQ Bengaluru chapter also would launch Students Chapter to improve industry – academia collaboration. He also thanked RUAS for being the venue partner which gave a different flavor for the TOPS convention.

It is a delight to know that 51 projects with 171 participants were registered in TOPS convention. The event was also attended by delegates, faculty members, students and ISQ members. In all, the event had 250 plus participants. Dr. E V Gijo was the Grand Jury and had a team of eight juries. The projects were classified as basic and advanced problem-solving categories. Alongside, there was a student poster competition organized on quality paradigms. ISQ EC team had an interaction session with students and gave inputs through Q and A. Students who asked questions were felicitated with a book “knowing is not same as doing”

Dr. Kovaichelvan delivered the keynote address and highlighted the need to realize the difference among delivery quality, manufactured quality, and design quality. The importance of building a performance team with specialization was emphasized. Why organizations should invest in training of white and blue collared employees and match the current day automation, digital transformation was lucidly explained. The TOPS Convention in Bengaluru was conducted in association with Ramaiah University of Applied Sciences, Peenya, Bengaluru who provided the venue and supported the event by active participation of the staff and students at the college.

The Winners of TOPS 2023- Bengaluru

Category: Basic problem-solving projects

Results	Organization	Project
Winner	M/s JSW Energy Limited	0.5 % APC Optimization during Flexible Operation through Digitalization
1st Runner Up	M/S Musashi Auto Parts India Pvt Ltd	Forging Setup Time Reduction
2nd Runner Up	M/S. Uno Minda Limited	To Reduce Customer End Rejection Ppm In Apda Body
Special Jury Award	M/s Toyota Kirloskar Auto parts Pvt Ltd	Reduction Of Rejections In Hybrid Transmission Line
Special Jury Award	M/S Exide Industries Ltd	Reduction of Grid Cutting Defect
Special Jury Award	M/S J K Tyre & Industries Ltd	Reduction Of Air Trap Defect In Cured Tyre From 0.62% To 0.3%
Special Jury Award	Ace Designers Ltd	Process optimization and Quality enhancement of Encoder mounting bracket of CNC turning center
Special Jury Award	M/s SEG Automotive India Pvt Ltd	IDC reduction and elimination of customer incidents from Impregnation process

Category: Advanced problem-solving projects

Results	Organization	Project
Winner	M/s Bosch Ltd	Stability issue in 140 hp engine
1st Runner Up -	M/s JBM Ogihara Automotive India Limited	Innovation and Technology
2nd Runner Up	M/s JSW Steel Ltd, Salem	Reducing Fuel Rate in Blast Furnace#2

TOPS 2023 Convention Bengaluru



Inauguration of TOPS 2023



ISQ President addressing the delegates



Delegates presenting their Case Study



Winners of Student Poster Competition



ISQ EC team interacting with Students



TOPS 2023 -@ Bengaluru - Volunteers



Prof Gijo handing over gift to Student during Interaction session with ISQ EC team



Felicitation to Dr. Kovaichelvan



**Winner : Basic Category
M/s JSW Energy Limited**



**Winner: Advanced Category
M/s Bosch Ltd**

