

## Report on TOPS Convention 2023 – Pune Chapter

**Venue:** IICMR MBA Institute, Pune

**Date:** 5<sup>th</sup> October 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 Pune Chapter, the ISQ Pune chapter hosted another successful event TOPS - 2023 on 5<sup>th</sup> October 2023. The event took place at IICMR MBA Institute, Nigdi, Pune. ISQ expresses its gratitude to Dr. Abhay Kulkarni, Director – IICMR, Head – Centre of Excellence, IICMR for being co-organizer, sponsoring the venue, facilities and outstanding and energetic cooperation by his team of faculties and students.

The event was inaugurated by the Chief Guest Mr Prem Prakash Gajpal (Director Operation, Advik Hi Tech Pvt Ltd), Guest of Honour Dr. Abhay Kulkarni in the presence of Program Chair Mr. Parag Auty, and ISQ Pune office bearers Sarika Joshi, Devraj Chattaraj along with Prabhakar Shettigar from ISQ.

ISQ recognizes the voluntary service of the well experienced and expert Jury members Laxmikant Natu, Akancha Shukla, Shreyas Srivatsan, Sudhir Laturkar, Ranjeet Jadhav, Rajendra Mhalgi, Pravin Kholam, and Shrikrishna Joshi.

The concluding session was presided by the Chief Guest Mr Manoj Phutane (Managing Director, Kala Group of Companies), Guest of Honour Mr Mahesh Hegde (Former President, Pune Chapter) in the presence of Dr. Abhay Kulkarni, Dr. Manisha Kulkarni, HOD, MBA @ IICMR and others.

It is a delight to know that 54 projects participated in the contest with delegates touching 230+ count, a highest for any TOPS Convention so far.

### The Winners of TOPS 2023- Pune

#### Category: Basic problem-solving projects

Results	Organisation	Project
Winner	Ashok Leyland Ltd, Bhandara	MTBF improvement in Continuous gas carburizing furnace at Heat Treatment to address internal customer concerns
Winner	IAC International Automotive India Pvt. Ltd, Khed	To Reduce Hot Plat Rejection from 7.26% to 0.726%
Winner	Tata Toyo Radiator Ltd. Chakan	Reduction in In-Process Rejection and Customer Complaint on Radiator line
1 <sup>st</sup> Runner Up	VE Commercial Vehicles (Unit: VE ETB), Pithampur	Safety Issue Resolution & Consumable Cost Reduction
1 <sup>st</sup> Runner Up	TATA Motors Ltd. , Pimpri	Wet look improvement in Commercial vehicle
1 <sup>st</sup> Runner Up	Tata Motors, Pimpri	Elimination of power steering suction hose assembly failure issues, to address safety & driving concerns

2 <sup>nd</sup> Runner Up	Tata Motors, Pimpri	Poor Performance and legal emission issues addressal in Light Commercial Vehicles (LCV)
2 <sup>nd</sup> Runner Up	Lear Automotive India Pvt Ltd. Tal Khed, Pune	Reduction of Seat Noise level from 80 dB to 50 dB Max in XYZ Co driver seat track assembly
Special Jury Award	TATA Motors Ltd. , Pimpri	Structured Problem Solving for Assembly Conveyor Line stoppages
Special Jury Award	VE Commercial Vehicles, Pithampur	Elimination of Engine Black Smoke
Special Jury Award	IAC International Automotive India Pvt. Ltd, Nashik	To reduced final inspection concerns

### Category: Advanced problem-solving projects

Results	Organisation	Project
<b>Winner</b>	TVS Motors Company Ltd, Krishnagiri	Eliminate Vehicle Switching off complaint in an electric vehicle
<b>1<sup>st</sup> Runner Up</b>	Tata Motors CVBU unit, Dharwad	Reduction in Power consumption of BIW shop by 20% till March 2023
<b>1<sup>st</sup> Runner Up</b>	JSW Steel Limited, Raigad	Increase Sinter Mean Particle Size at Sinter Plant-1
<b>2<sup>nd</sup> Runner Up</b>	Gabriel India Limited, Hosur	Reduce customer Noise defect ppm in Inverted Front Fork
<b>2<sup>nd</sup> Runner Up</b>	Tata Metaliks Limited, Paschim	Data Driven Maintenance
<b>Special Jury Award</b>	Force Motors Ltd. Pithampur	Reduction of flow marks in CED coated JD Parts from 6.35 % to 1.9 %
<b>Special Jury Award</b>	Ashok Leyland Ltd, Bhandara	Resolution of internal customer concern of rejection of slow group assembly in MIG welding process at Heat Treatment





