Indian Society for Quality

QUALITY SUSTAINABILITY



2023

Indian Society for Quality is happy to announce that in the global contest of IAQ Quality Sustainability Award 2023, following project from India was selected as one of the winners. 4 teams from India who were Gold Winners at national level participated in the contest.

IoT enabled, digitally integrated air conservation using predictive analytics from CEAT Limited.

Congratulations to the team from CEAT Limited.

The result of global contest is given below.





The winners of the IAQ Quality Sustainability Award 2023 are

- · Qingdao Haier Air Conditioner Ltd. China
 - Research and Industrial Application of Efficient Cooling and Heating Technology for Air Conditioning Based on Variable Frequency Drive Technology
- CEAT Ltd India
 - · IoT enabled, digitally integrated air conservation using predictive analytics
- TECNOFIL S.A. Peru
 - · Reduction of liquid wastes generated in copper transformation process

Congratulations to the winners and to all participants. You all contributed to spreading the knowledge of quality and applying it to increase the sustainability of your organizations.



The final session with all presentations and the keynote speech by Mr Mukundan of Tata Chemicals can be seen here

https://excellencecenter.se/iaq-sustainability-award-2023/

NATIONAL CONTEST – QSA 2023

Congratulations to the following winners at the national level.

National Winners (Gold) from India who were eligible to contest in global competition.

SI No	Organisation	Project title
	Tata Steel Mining Limited,	
1	Nayapalli, Bhubaneswar Digital and Sustainable transformation of transportation in Mines	
2	BOSCH Jaipur Ltd, Jaipur	Autonomous working of air compressor bank (no manual intervention in selecting compressor) as per real time demand scenario using deep learning
3	Ashok Leyland Ltd- Pantnagar, Uttrakhand	Steel coil width reduction of 'Frame Side Member' through product parameter optimization
4	CEAT Ltd, Halol, Dist : Panchmahal, Gujarat	IoT enabled, digitally integrated air conservation using predictive analytics
5	ICICI FOUNDATION FOR INCLUSIVE GROWTH , Bandra East, Mumbai	An Environmentally Sustainable Approach of Waste to Wealth





Teams from Ashok Leyland, CEAT and Tata Steel Mining receiving the QSA 2023 National Awards from Mr. Janak Mehta, President-ISQ during Annual Conference 2023 at Jamshedpur on 2nd December 2023.

National Winners Silver category

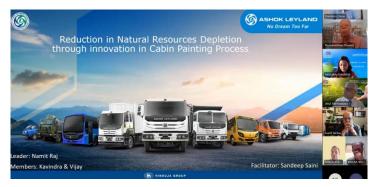
1	Ashok Leyland Ltd- Pantnagar, Uttrakhand	Reduction in Natural Resources depletion through innovation in Cabin painting process		
	Maithon Power Limited, , Dist:			
2	Dhanbad, Jharkhand	IMPROVEMENT OF NET STATION HEAT RATE		
	National Engineering Industries	Reduce carbon emissions through problem solving tools to prevent		
3	Limited, Jaipur, Rajasthan	CTRB cone honing losses in manufacturing.		
		A Big Sustainability Swing through change in the cable & cable		
4	Tata Power DDL	drum design		
	Joda East Iron Mine, Tata Steel Limited,	Remote Wireless Operation of moving machineries i.e., Stacker		
5	Joda, Odisha	and Reclaimer from Yard Control Room.		

Merit Winners

1	Tata Steel Limited, Jharkhand	Surge in recovery and quality	
2	PPAP Automotive Ltd, Noida UP	REDUCTION OF ENERGY CONSUMPTION	
3	Khonbond Iron Mines, Tata Steel, Orissa	To Minimise the Toppling of HEMMs in Raw Material Division	
4	SRF Limited, Manali Industrial Area, Manali, Chennai	Development of high tenacity olive green coloured industrial yarn with zero effluent discharge	
5	Tata Motors Ltd. Pimpri, Mumbai Road, Near KSB Chowk, Pune	Best from waste	

Indian Society for Quality, in its third year of partnership with International Academy for Quality and Quality in Plant Earth Concerns Think Tank called for applications for Quality Sustainability Award 2023 (QSA 2023) from India. The award recognizes projects that have led to positive results in sustainability in line with the UN Sustainable Development Goals, using quality management principles and methodologies.

For Indian contestants, ISQ held a domestic contest towards the Quality Sustainability Award. Assessment was done using the laid down process by IAQ by the trained assessors at three levels. Top 10 projects selected from two level of assessments went to presentation round. Top 5 projects were declared as National Winners (Gold). The next 5 projects were declared as Winners (Silver).



Presentation Round of National QSA 2023

The National Winners (Gold) were eligible to contest at the international level.



Participation in last three years.

Year	No of applications	No. of organisations	No of national winners	Winners in Global Contest
2021	44	17	6	SRF Limited
2022	49	21	6	Ashok Leyland Limited, SRF Limited

Increase in number of organisations participating in the contest.

Five projects from India were awarded The Global IAQ Quality Sustainability award.



Phosphate Sludge Reduction in Cabin Pre-treatment Line at Carbon emission

2022

Transformation to Sustainability through Ashok Leyland in India reduction in Paint shop by Ashok Leyland, India 2021

The Conversion of non-usable metalized capability to produce BOPET film waste into BOPET films using up raw material by unique to 90% of RPET by SRF de-metallization and Limited, Packaging recycling process

Build technical

Films Business, India



IoT enabled, digitally integrated air conservation using predictive analytics