

AUTONEWS

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Bi-Monthly Newsletter of Automotive Component Manufacturers Association of India



ACMA Organises 7th Edition of i-AutoConnect, 2022



**INSIDE:
ACMA PARTICIPATED IN
APEX SHOW 2022,
AUTOMECHANIKA FRANKFURT**

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Editor's Note

The current edition of Auto News provides comprehensive coverage of industry trends, analysis, and technological advancements in the automotive industry, which were showcased in the 7th edition of 'i-AutoConnect 2022.' This flagship reverse buyers and sellers meet was held at the India Expo Centre & Mart for two days, aimed at providing ACMA member companies with a platform to exhibit their aftermarket products & capabilities for exports.

Internationally, ACMA participated in two globally recognized automotive aftermarket events - AAPEX show 2022 and Automechanika Frankfurt. These shows included new product introductions, technical & business management training, and numerous networking opportunities.

Domestically, ACMA organized an important Town-hall event with Past Presidents on the theme of 'Disruption as an Engine of Growth.' This was the second edition of the event.

That apart, various training events, sports competitions and quiz competitions held during the duration. All of these activities worked to enhance the technical, collaborative, and cohesive efforts of the industry to become a global manufacturing powerhouse.

We hope you enjoy reading about the full coverage of ACMA activities!!

Vinnie Mehta
Director General, ACMA
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ACMA AUTONEWS

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ACMA Successfully Organises 7th Edition of i-AutoConnect, 2022

- Over 120 domestic aftermarket component manufacturers exhibited
- International Buyers from over 50+ countries visited
- Several Start-Ups also took part in the expo

ACMA, organised the 7th edition of 'i-AutoConnect 2022, its flagship reverse buyers & sellers meet on October 03rd & 04th, 2022. The two-day exhibition was held at India Expo Centre & Mart, Greater Noida, India. The objective of the event was to provide ACMA member companies a platform to showcase their aftermarket products and capabilities for purposes of exports.

Speaking at the event, **Mr. Sunjay J Kapur, President, ACMA & Chairman Sona Comstar** said, "With the mantra to 'Go global & produce Local', the i-AutoConnect is ACMA's premiere reverse buyers-sellers meet to promote exports of India-made aftermarket components and technologies. With the event hosting over 150 focused international dealers and distributors, it gives our local components manufacturers a

first-hand understanding of the requirements of the global buyers and markets. The highly interactive event also helps in developing long-term relationships with the international customers attending the show."

Expressing satisfaction on the success of the event, **Mr. Vinnie Mehta, Director General, ACMA** said, "We are indeed very excited to have organized iAutoConnect 2022. This is first of our shows post-the pandemic, entirely focused on aftermarket exports. I am delighted that the response has been phenomenal from both the exhibitors as well as the buyers from several countries including the Middle-East, Africa, Latin America and South-East Asia. The enthusiastic participation is also indicative of the fact that the world today is placing greater trust on India-made products."

Apart from the participation by reputed component manufacturers, several start-ups working in the domains of market aggregation, software solutions, material sourcing & procurement also



participated at the show. and understanding of the requirements of the global buyers and markets. The highly interactive event also helps in developing long-term relationships with the international customers attending the show.”

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Apart from the participation by reputed component manufacturers, several start-ups working in the domains of market aggregation, software solutions, material sourcing & procurement also participated at the show.

The premier show witnessed participation by over 120 domestic manufacturers including Anand Automotive, Amalgamation Group, Bharat Forge, Lumax Auto Technologies, Spark Minda NBC Bearings, Abilities India Pistons, Mahale, NRB Bearings and Pricol Limited, among others. Start-ups such as LAMI Advances Solutions (a platform for auto component after-market), CapGrid (working in the domain of reimagining strategic sourcing) and NAKAD 360 (Revolutionizing ledger reconciliation process) also enthusiastically participated at the show.









ACMA's PARTICIPATION AT AAPEX SHOW 2022

ACMA, in its effort to take India Component Manufacturers to go Global, organized group participation of component manufacturers at the AAPEX show 2022 on November 1st to 3rd, 2022 at Las Vegas. The show is a globally recognized automotive aftermarket show, with new product introductions, technical and business management training and endless opportunities to network with the best of the best.



The India pavilion at the show was spread across 3600 sq. ft. with presence of 34 Indian companies. The show features over 2,500 exhibiting companies representing 40+ countries. Exhibitors display



their latest products, services and technologies that keep the world's 1.5 billion vehicles on the road.

This was the sixth time ACMA, along with component manufacturers are representing nation's manufacturing prowess. The response at the stall from India was phenomenal. Companies not just renewed connect with the old customers but were able to make new connects with new buyers.

Participants got valuable leads also took full advantage of the new networking and b2b opportunities to finally meet in person to take forward discussions with new business contacts. Companies termed the trade show as a resounding success, as they were able to generate business and new business leads.

ACMA PARTICIPATES IN AUTOMECHANIKA FRANKFURT

ACMA, in its effort to take India Component Manufacturers to go Global, organized group participation of component manufacturers at the Automechanika Frankfurt in October, 2022. The show is a vital trade platform that connected leading manufacturers, suppliers,

brands and industry experts from across the region and around the world.

ACMA, India Pavilion was located in Hall No 6.2 and showcased the capabilities of 45 leading Indian auto component manufacturers. It was inaugurated by Dr. Amit Telang - Consulate General of India, Frankfurt, Germany. The India pavilion also witnessed the august presence of by Shri Bhagwant Mann, Honourable Chief Minister of Punjab. An MOU was also signed between ACMA and Punjab Bureau of Investment Promotion (Invest Punjab) to boost industrialization and investment in Punjab.



At the show the Indian component manufacturers were able to reconnect with markets, meet & network face-to-face with suppliers, customers and business partners, and witnessed latest market trends and new innovations.

The show was exhibited by 2,804 companies from 70 countries around the globe, and 78,000 thousand visitors from 175 countries visited the show.

ACMA - HYUNDAI TECH SHOW ON SUSTAINABLE MOBILITY

ACMA, Southern Region organized the 3rd edition of the Potential Vendors' Meet with Hyundai Motors India Ltd. from November 2 to 3, 2022, at the R&D Center, Hyundai Motors, Sriperumbudur. The show, themed "Tech Show on Sustainable Mobility," focused on localization, additional vendor empanelment, and potential vendors for new Hyundai projects. Hyundai shortlisted 26 companies to showcase their products in the categories of electric vehicles (EVs), hydrogen cells, compressed natural gas (CNG), fuel cells, battery recycling, and other sustainable mobility technologies.



The Tech Show was inaugurated by Mr. Un Soo Kim, Managing Director, Hyundai Motor India Ltd., along with Mr. Daeick Kim, Executive Director of Procurement, Mr. Gopala Krishnan C S, Unit Head of Production, and Mr. Sundar, Unit Head of Procurement, from the company. The ACMA management was led by Mr. Vinnie Mehta, Director General, ACMA; Ms. Shraddha Suri Marwah, Vice President of ACMA and Managing Director of Subros Ltd.; and Ms. Shuba Kumar, Chairperson of ACMA Southern Region and Managing Director of Natesan Synchrocones Ltd.



In his inaugural address, Mr. Un Soo Kim mentioned that a similar tech show was organized jointly by Hyundai Motor India Ltd. and ACMA in June, 2022. He also said that being associated with ACMA



for such supplier development drives strengthens the bond between the two organizations. He further mentioned that this tech show was organized with the similar intent of bringing in more local vendors who could cater to their requirements in the EV and alternate fuel space. He also detailed the process and requirements to become a vendor to HMIL.

The Hyundai senior management then went around all the stands and spent some quality time with the exhibitors. Over 400 visitors, from Purchase, R&D, Engineering, Production, and existing vendors of Hyundai, visited the two-day Tech Show.



The senior management from the procurement division of HMIL also presented mementoes to all the exhibiting companies and ACMA secretariats.

The feedback from visitors was very encouraging, with comments on the Tech Show being good and a request to organise more such shows.



2 | GOVERNMENT ADVOCACY, REGULATION & RESEARCH

EASTERN REGION

ACMA DELEGATION TO TATA MOTORS LTD. JAMSHEDPUR

ACMA, Eastern Region, in an effort to continue interaction with OEMs and sharing best practices organized a Supervisors' delegation to Tata Motors Ltd., Jamshedpur on October 27th, 2022.

The delegation was led by Mr. Divesh Debuka, Regional Committee member, and ACMA (ER) and Mr. Saurav Das, Regional Committee member, ACMA (ER) which was attended by 22 delegates from 12 ACMA 1 members companies.

Mr. Kumar Satyam, DGM and Mr Sanjay Sarkar,

Executive, TML welcomed ACMA members, and informed about Tata Motors structure both in Jamshedpur and outside.

Mr. Sarkar highlighted that Mr. Vishal Badshah, Plant head, TML has been attending ACMA programs regularly and it had always been a wonderful experience noticing the progress of various ACMA members companies.

The objective of this visit was:

- Bring an awareness, amongst the members, of the Quality drive in TML
- Sharing the best practices to bring a positive change in the mind set of vendors; and finally
- Bring positive changes in the relationship between the members and the customer, TML, JSR

Earlier, in his welcome address, Mr. Divesh Debuka thanked TML and his team for providing the opportunity of visiting Tata Motors Ltd. and expressed that the opportunity to see



the factory is something we look forward to.

The visit was an enriching and rewarding experience and the entire delegation appreciated umpteen number of small kaizen done at the shop floor by the employees of Tata Motors Ltd.

The delegation also had the opportunity of visiting TML Driveline, Rain Water Harvesting sight, Test Drive Area and the assembly plant. Mr. Divesh Debuka. ACMA (ER) thanked Mr. Venkat Rao and his team for the excellent arrangements and hosting lunch for ACMA members.

The Delegation was attended by 22 delegates from 12 Companies. Feedback received was encouraging.

2ND TOWN-HALL WITH ACMA PAST PRESIDENTS THEMED 'DISRUPTION AS AN ENGINE OF GROWTH'

ACMA, Northern Region, organised Town-hall with ACMA Past Presidents, on the pertinent issue of 'Disruption as an Engine of Growth'. This was the second edition of the important event was held on October 14th, 2022.

The ACMA Past Presidents who were a part of the panel discussions were:

- Mr. Srivats Ram, Past President, ACMA & Managing Director, Wheels India Ltd.
- Mr. Harish Lakshman, Past President, ACMA & Vice Chairman, Rane Group
- Mr. Deepak Jain, Immediate Past President, ACMA & CMD, Lumax Industries Ltd.

While the eminent industry leaders who joined the town hall included:

- Mr. Sunjay J Kapur, President, ACMA & Chairman, Sona Comstar
- Ms. Shradha Suri Marwah, Vice President & CMD, Subros Ltd.
- Mr. Vikrampati Singhania, Chairman, Northern Region, ACMA & MD, J.K. Fenner (India) Ltd.
- Mr. Anmol Jain, Co-chairman, Northern Region, ACMA & MD, Lumax Auto Technologies Ltd.

Setting the context for the Panel discussion, Mr. Singhania, welcomed all the distinguished panelists and attendees to the discussion. The Indian automotive industry has always been resilient by nature. However, with frequent disruption we have to move the industry towards CASE (Connected, Autonomous, Shared, and Electric), he said.

The Theme Presentation was made by Mr. Kavan Mukhtyar, Partner & Leader – Automotive, PwC. He in his presentation mentioned the themes of disruptions, shake-ups that would present short & long term risks to the Automotive & Component Industry. **The six key areas that he highlighted were:**

- Connected
- Electric
- ESG
- Electronified
- Smart Mobility
- Autonomous

Technology and business model are at risk for the automotive & component industry, as the industry is moving towards the digitization, it is important to find out new business models and supporting technology, he stated. It's very important for all the organizations to become a robust enterprise, risk management framework is very important to identify the risk by collecting & sharing the information which should be reviewed by the top leadership/management and take action to drive better performance, he further added.

The panel discussion on the pertinent topic like; fast changing business environment, changing technology, policy implication, investment by industry and Government, Electric vehicle and future of automotive industry was also held between the industry leaders:

- Mr. Srivats Ram, Past President, ACMA & Managing Director, Wheels India Ltd.
- Mr. Harish Lakshman, Past President, ACMA & Vice Chairman, Rane Group
- Mr. Deepak Jain, Immediate Past President, ACMA and CMD, Lumax Industries Ltd.
- Mr. Sanjay Kapur, President, ACMA & Chairman, Sona Comstar

The town-hall was concluded by Mr. Anmol Jain Co-Chairman, ACMA NR with a Vote of Thanks to all the Panellists & participants.





EASTERN REGION

QUIZ COMPETITION ON SAFETY

ACMA, Eastern Region, organized Quiz Competition on Safety on November 4th, 2023 at Centre for Excellence in Jamshedpur, Jharkhand. The objective was to focus on safety at workplace, the session was targeted at middle level executives, supervisors, and people dealing in safety.

Welcoming the participants Mr. Shivam Kamani, Regional Committee member, ACMA (Eastern Region) introduced Mr. Alok Ghoshal, the quiz master, a Mechanical Engineer and a retired Tata Steel Ltd employee. He is an expert in Lean manufacturing, Six Sigma, Total Productive Maintenance, Daily Management, IMS etc.

The quiz was conducted in two round:

1) Preliminary round - Where the questions asked from all the teams separately. Out of the number of teams only five teams will be selected for the final round.

2) Final round - Where questions was asked to each team individually.

A total of six teams from as many companies participated in the quiz competition. The following team members remained:

Team 1 - Mr. Abhijit Dey & Mr. Hemant Patasani from RSB Transmissions (I) Ltd

Team 2 - Mr. Manoj Kumar Mahto & Mr. Ashish Kumar from Brakes India p Ltd

Team 3 - Mr. Akash Karmakar & Mr. Ravi Shankar Poddar from Emdet Jamshedpur p Ltd.

Team 4 - Mr. Subhadip Sarkar & Ms. Supriya Mondal from Kiswok Industries P Ltd

Team 5 - Mr. Anujee Sahay & Ms. Shiny Acharjee from Metaldyne Industries Ltd

Team 6 - Mr. Amrender Kumar Mishra & Mr. Chandan Chaudhary from ZF Commercial Vehicle Control Systems India Limited

A total of six round were held on the topic of QC tool knowledge, quality, simple calculations & problem solving methodologies.

The final result remained:

POSITION	COMPANY NAME	WINNERS
1st	RSB Transmissions (I) Ltd.	Mr. Abhijit Dey & Mr. Hemant Patasani
2nd	Brakes India Pvt. Ltd.	Mr. Manoj Kumar Mahto & Mr. Ashish Kumar
3rd	Kiswok Industries Pvt. Ltd.	Mr. Subhadip Sarkar & Ms. Supriya Mondal

Feedback received remained excellent from all the participants.



TRAINING SESSION ON 8D PROBLEM SOLVING TECHNIQUES

ACMA, Eastern Region, organised virtual session on '8D Problem Solving Techniques' on November 25th, 2022. The 8D Problem Solving is a methodology designed to find the root cause of a problem, 8D is a first step to improving quality & reliability.

Mr. Arush Sabherwal, Regional Committee member of ACMA (ER) welcomed the participants and thanked the management for their support and nominating employees for the session. He also introduced Mr. V. Thiagarajan, a B.E (Mechanical Engineering), Madurai Kamaraj University, 1982, M. Tech (Mechanical Engineering), Indian Institute of Technology, the faculty for the training session.

Mr. Thiagarajan, started the session with the introduction and the expectations, he further explained following key points like:



- Introduction and history of 8D problem solving technique
- Explanation of disciplines of 8D problem solving technique

1. Define the team
2. Define Problem / Failure
3. Choose and verify Interim Containment Action (ICA)



4. Define and Verify Root Causes
5. Choose and Verify Permanent Corrective Actions (PCA)
6. Implement and Validate PCA
7. System Prevention Actions to Prevent Recurrence
8. Team Recognition / Celebration

- Review of problem solving tools employed in Discipline 4, Define and verify root causes
- Explanation of 8D case study
- Quiz on 8D concepts and tools for problem solving

He further mentioned, 8D approach is used to solve major, critical, chronic and recurring problems, team formation an important discipline of 8D, team for solving the problem using 8D methods, form, norm, and storm & perform as model in 8D process.

He utilized the audio-visual aids and case studies extensively to involve and engage the delegates throughout. He ended the session with the benefits of 8D Problem solving and the summary of 8D.

A total 65 participants from 12 companies, attended the session. The feedback received remained excellent.



NORTHERN REGION

CONFERENCE ON 'THE MANUFACTURING AND OTHER OPERATIONS IN WAREHOUSE REGULATIONS'

ACMA, Northern Region, organised virtual conference on 'The manufacture and other Operations in Warehouse Regulation' on October 17th, 2022. The conference was held on MOOWR scheme, passed in 2019. The scheme is one of the initiative which provides for duty deferment/ savings in case of imports, subject to various compliances & procedures.

The scheme specifically is formulated to facilitate programmes which allows manufacturing and other operations in a customs warehouse without payment of duty for a certain period.

Mr Sanjay Malhotra, Chairman – ACMA's Working Group on Trade and Finance & NR CFO Forum and MD, Jumps Auto Industries Ltd welcomed the Speakers from EY India and greeted the participants for joining in large number.

EY presentation was given by Mr. Saurabh Agarwal, Partner, Indirect Taxation; Mr. Pankaj Jain, Director, Indirect Taxation and Ms. Minal Agarwal, Senior Manager, Indirect Taxation. Following topics were covered during the conference:

- Business Issue
- Benefits to the users
- Salient feature of this scheme
- Eligibility

The event was attended by 70 delegates from ACMA membership & overall a very good feedback was received.



JOB INSTRUCTION PROGRAM – IN HOUSE, LUCAS TVS

ACMA, Southern Region organized an in-house training program on Job Instruction at Lucas TVS from October 13 to 15 and from 17 to 19, 2022. The training was attended by over 56 participants.



The faculty for the training was Mr. Nagesh N V, Lead Facilitator at Toyota Kirloskar Motor. He is certified in Fundamental Skill Training (FST) by TMC – Japan, Toyota Job Instruction by TMC – Japan, Toyota Production System by TMC – Japan, and Group Leader and Team Leader Role by TMC – Japan.

The objective of this 4-day workshop was to enable the participants to plan and schedule routine jobs, which would help them to better understand shop floor practices and improve their performance.

The program covered the following topics:

- Job breakdown into simple steps
- Development of job instructions
- 4-step approach to job instruction

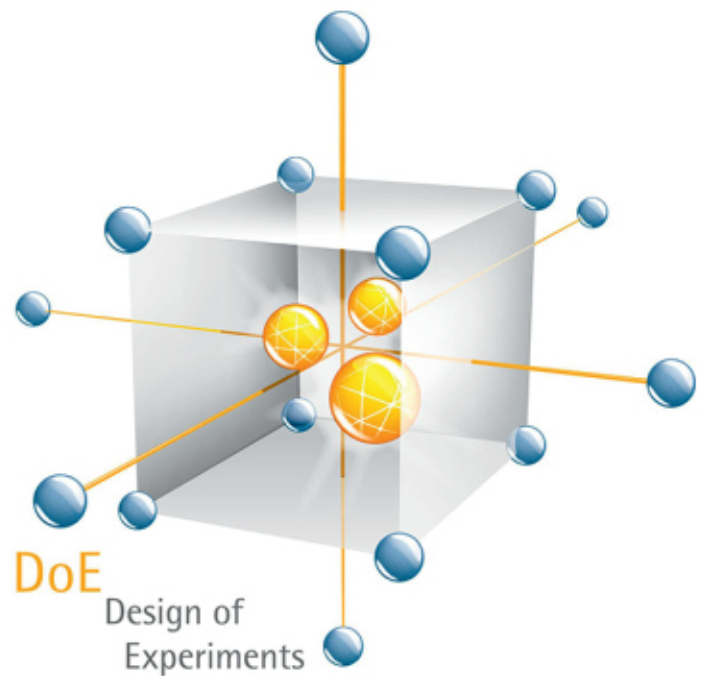
Mr. Nagesh used case studies, technical videos, and practical exercises in the training. The training included sessions, including pre- and post-quizzes on the topics covered to gauge the level of understanding. Participants were also asked questions individually. The training was found to be very useful and received positive feedback from the participants.

PHYSICAL TRAINING PROGRAM ON DESIGN OF EXPERIMENTS (DoE)

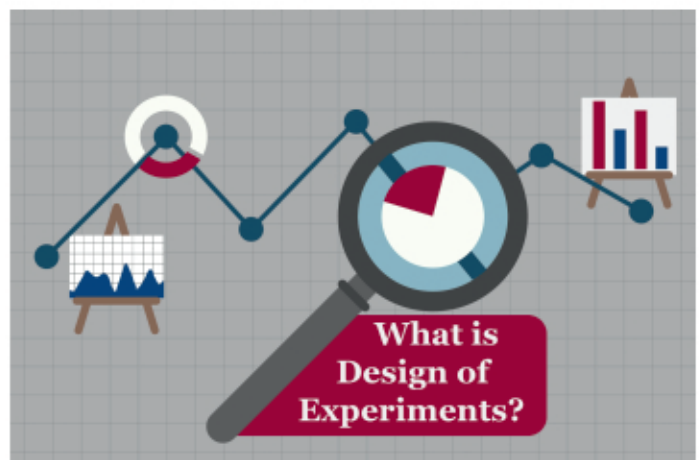
ACMA, Southern Region organized a training program on Design of Experiments (DoE) on October 19, 2022, at the ACMA office in Chennai.

The faculty for the program was Mr. V Thiagarajan, he has over 35 years of experience in the automotive industry and have worked with Hindustan Aeronautics Ltd., Sundaram Clayton Limited, and WABCO India Ltd.

This training program covered the following topics:



- Introduction to Design of Experiments (DoE)
- Basic principles of DoE
- Objectives and importance of DoE
- Process flow of conducting DoE
- Factors
- Levels
- Treatment
- Response
- Effect
- Interaction
- Randomization, Replication, and Local control
- Full factorial DoE
- Fractional factorial DoE
- Orthogonal arrays for conducting DoE



The training program was made interactive, with participants given case studies and activities to understand and practice DoE in their organizations.

PROCESS DESIGN OF EXPERIMENTS (DOE)



DESCRIBE



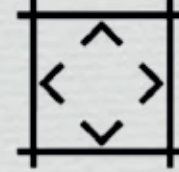
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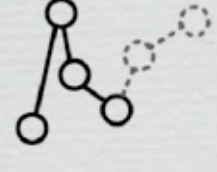
DESIGN



COLLECT



FIT



PREDICT

The program was attended by 24 delegates from 9 companies. The participants found the trainer's explanations to be good and the case studies to be very useful. A quiz was conducted to evaluate the participants' understanding of the subject.

The overall feedback from the program was very good. The feedback has been noted for future programs.

TRAINING PROGRAM ON FAILURE MODE AND EFFECTS ANALYSIS (FMEA)

ACMA, Southern Region organized training on 'Failure Mode and Effects Analysis' (FMEA) on November 25, 2022. The training program was attended by 11 participants from 6 companies.

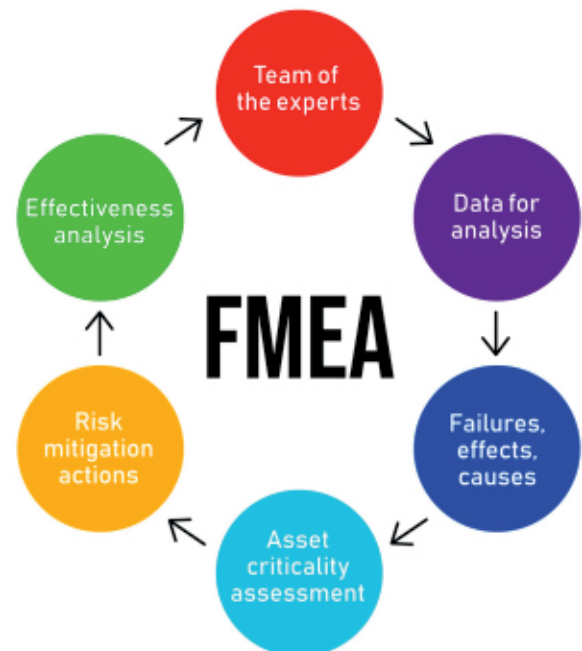
The faculty for the training was Mr. V Thiagarajan, who has over 35 years of experience in the automotive industry, having worked with Hindustan Aeronautics Ltd., Sundaram Clayton Limited, and WABCO India Ltd.

Mr. Thiagarajan mentioned that FMEA tools can be broadly categorized into two categories:

1. Knowledge/thinking based
2. Data based

He then further dwell in the various aspects of the FMEA:

- FMEA lifecycle
- Product structure tree diagram
- Boundary diagram
- P-diagram
- Identification of SCs and CCs using FMEA
- RPN approach
- Building DVP (Design Verification Plan)
- Risks are identified on designs, which if left unattended, could result in failure. FMEA is applied when:
 - There is a new design with new content
 - There is a current design with modifications, which may also include changes due to past failures



- There is a current design being used in a new environment or change in duty cycle (no physical change made to design)

Mr. Thiagarajan explained topic with case studies, to further understand the level of understanding, he organized quiz contests for the participants. He also encouraged questions and clarified all doubts pertaining to particular topics covered.

The session was found very useful and received positive feedback from the participants.



1 DAY CERTIFICATE PROGRAM ON COMMUNICATION SKILLS AT GEMBA

ACMA, Southern Region along with Toyota Kirloskar Motors organised one Day Certificate Program on Communication Skills at Gemba, on November 25th, 2022 at TKM, Bangalore. The training was attended by over 14 participants.

The faculty for the training was Mr Ashwin D Souza, , Assistant Manager Toyota Learning & Development India.



The objective of certification program was to enhance communication techniques that are used to build the good relationship & create cheerful workplace.

The program covered the following topics:

- What is the cheerful Workplace?
- What is the one way & two ways Communication
- Communication Techniques
- Fundamental Knowledge to make Good Human Relations
- Occurrence of Problem
- 4-step approach

Mr. Ashwin also included case studies, technical videos and practical exercises in the training. Pre and post quiz were held to gauge the level of understanding. The training was found useful and received positive feedback from the participants.

ASSESSMENT & CERTIFICATION CEREMONY OF 21st BATCH OF SIX SIGMA BLACK BELT CERTIFICATION PROGRAM

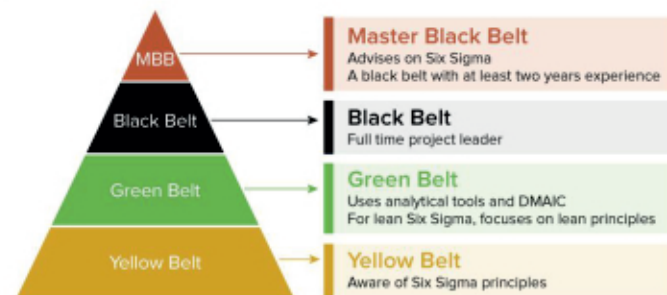
ACMA, Northern Region, held Assessment & Certification Ceremony of 21st Batch of Six Sigma Black Belt Certification Program on the October 13th, 2022. Thirteen participants from seven Northern region member companies were certified as the 'Six Sigma Black Belts' for successfully completing their final assessment.

The project led to the savings of INR. 719 Lacs (7.6 million), highest of all the 44 batches certified, so far.



The 21st batch of Six Sigma Black Belt Certification Program Level 1, was launched on April 11th - 13th, 2022 and reached its concluding Module VI from October 10th - 13th, 2022. As a laid down procedure, the faculty visited the shop-floors of the participating companies to validate the potency of the projects. It was followed by the project presentation, final assessment and written examination on 13th October. Subsequently, the eligible participants were conferred with the Black Belt Certificates same day.

Six Sigma Certification Structure

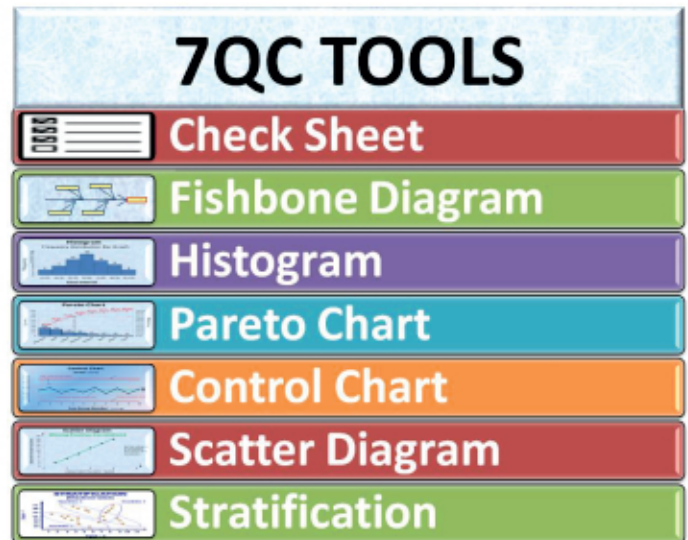


Mr. Ram Narayan, a Six Sigma Black Belt Person himself was the faculty for the training. With this batch of Six Sigma Black Belt Certification, ACMA (NR) has reached a figure of 347 Six Sigma Black Belts and have 583 projects with a saving of INR. 3030 Lacs (303 million).

Congratulating all the participants on their becoming the Black Belts, Ms. Meenakshi Narayanan, Regional Secretary ACMA Northern Region urged the participants to take maximum advantage of the training. She also urged them to guide more people within their companies to establish that Six Sigma process.

ONE DAY TRAINING ON ADVANCE 7 QC TOOLS

ACMA, Northern Region, organised one day training program on 'Advance 7 QC Tools' on November 22nd, 2022. The focus of the training was to guide the appropriate action, required for improving the quality of the product.



The In process control involves these seven tools: Histogram, Check Sheet, Parato Chart, Cause and Effect Diagram, Defect Concentration Diagram, Scatter Diagram, and Control Chart. These tools often called 'The Seven QC tools.' Most of the tools help us to identify a problem in the process.

The faculty for the training was Mr. Akash Batra, a corporate trainer and is a Certified Auditor, Consultant and trainer for Business Excellence, Lean Manufacturing, TPM, ZED, QMS, EMS, H&S, Energy, carbon footprint, etc.

The trainer covered the following topics during the course of the training, which included:-

- Problem definition
- Building up Quality Circle
- QC approach to Problem solving
- Actual QC implementation process
- Seven QC tools explanation
- PDCA cycle
- Practical QC Problem solving approach
- Benefits of QC Tools
- Matrix Diagram
- Matrix Data Analysis
- Relationship Diagram

- Affinity Diagram
- Tree Diagram
- Arrow Diagram
- Process Decision Program Chart

The session was concluded with case studies and practical exercises, the participants also carried out group activity by undertaking one problem related to their work profile.

2 DAYS TRAINING PROGRAM ON “ISO 14001:2015 EMS INTERNAL AUDITOR TRAINING”

ACMA, Northern Region, organized a 2 days training program on ‘ISO 14001:2015 EMS internal auditor training’ on November 14th & 15th, 2023 at Senior India Pvt. Ltd. The QMS & EMS are document-driven ISO standards control and management systems for organisations.



The objective of the program was to:

1. Identifying and controlling the environmental impact of unit activities, products and services. Continually improving its environmental performance.
2. EMS helps an organization address its regulatory requirements in a systematic and cost-effective manner.
3. To provide value for the environment, the organization and interested parties.
4. Determine the environmental management systems and equipment are performing.
5. Verify compliance (based on National, Local and other Laws & Regulations).
6. Minimize human exposure to risks from environmental, health and safety problems.

The faculty of the training was Dr. Virender Narula, an alumnus of, JC Bose YMCA University of Science & Technology Faridabad and PhD in Six Sigma Methodologies.

The faculty covered the following topics during the course of the training which included:-

Necessity of Environmental Management System ISO 14001:2015 Auditing, EMS and Auditing PDCA Structure, Terms and Definitions pertaining to Environment, Identification of Aspects, Application of PDCA cycle, Structure of ISO 14001:2015 with in the Process Model for Management System, Auditing requirements of ISO 14001:2015 (Clause 1 to-4), Auditing requirements of ISO 14001:2015 (Clause 5- Leadership), Auditing requirements of ISO 14001:2015 Planning & Review of Significant Environmental Aspects (Clause 6- Planning), Auditing requirements of ISO 14001:2015 (Clause 7- Support), Auditing requirements of ISO 14001:2015 (Clause 8- Operations), Auditing requirements of ISO 14001:2015 (Clause 9- Performance Evaluation), Auditing requirements of ISO 14001:2015 (Clause 10-Improvements), Attributes, Competence, Roles, and Responsibilities required of MS auditors, Facts & Inferences, Audit Preparation - Audit Program, Audit Preparation - Audit Checklist and Internal Auditor’s Exam.

WESTERN REGION

TRAINING ON ‘TESTING, CALIBRATION & ACCURACY MEASUREMENT OF CNC MACHINE TOOL’

ACMA, Western Region, organized virtual training on Testing, Calibration and Accuracy Measurement of CNC Machine Tool on October 12th, 14th & 15th, 2022.



The training was conducted by Mr. Padam Solanki, a machinist with more than 40 years of experience under his belt.

The training focused on the following key areas:

Day 1 :

- The need and benefits of Calibration
- Accuracy, Repeatability & Resolution
- Standards for determining Positional Accuracy & Repeatability of Machine tools

Day 2 :

- Linear measurements & Instruments

Skilling and Mentorship

- Rotary Measurement
- Setup for Calibration

Day 3:

- Bal bar Measurements
- Diagnosis of errors during calibration
- Rapid Machine Tool verification

The program was appreciated by all the participants, and a total of 17 participants attended with excellent feedback.

TRAINING SESSION ON 'EMOTIONAL INTELLIGENCE'

ACMA, Western Region, organized session on 'Emotional Intelligence' on October 13th, 2022. The emotional intelligence (EI) is the ability to recognize, understand, and manage your emotions and the emotions of others effectively. EI, affects how you manage behaviour and work through social complexities. It influences how you handle stress, make decisions, and achieve positive outcome.



The training was conducted by Ms. Trupti Shrimali, an independent facilitator consultant, Happiness coach, Mindfulness teacher and mentor to her participants.

Following key topics were covered during the training:

- Assess your EQ?
- Identify common triggers to EQ; Ways of responding, physical responses and assess individual EQ levels/scores
- What is emotional intelligence - Concept of emotional intelligence
- How is it different from IQ? IQ vs. EQ: benefits and differences.
- The Daniel Goleman model of emotional intelligence
- Understanding the science of thoughts "Feeling vs. cognitive thinking"
- The Emotional intelligence domains:
 1. Self-management
 2. Self-awareness

3. Self-regulation
4. Self-motivation and
5. Empathy

- Building Trust: Trust and EI
- Day to day Emotional Intelligence application
- Action Plan and Personal Effectiveness
- Concluding Remarks & Feed back



This training program was appreciated by all the participants, there were 20 participants and feedback stayed encouraging.

INTERACTIVE SESSION ON 'PURCHASE NEGOTIATION SKILLS'

ACMA, Western Region, organized interactive training on 'Purchase Negotiation Skills' on October 20th, 2022. The objective of the training was to develop the skills required during negotiations with Suppliers/vendors.



The workshop was conducted by Mr. Rajendra Ganpuley, who has a Master degree in Production & Materials Management.



Following key topics were covered during the training:

- Progress from My way or No way to Honorable way
- Key principles of Negotiable Skills will be to Find Options for resolution of differences / Confrontation / Dis inclination.
- C.F. Teams will be encouraged to take personal responsibilities for finding "Best Alternatives to A Negotiated Agreement" (BATNA) instead of "Worst Attitude to a Negotiated Agreement" (WATNA)
- Identify Differences of Opinion by using Gap Analysis
- How to align Positions & Stands, Anticipate Objections / Interruptions / Blockages
- How to deal with vendor/suppliers in worse situation with examples
- Document M.O.M.s
- Points of Stress & Strain

This training program was appreciated by all the participants, there were 48 participants and the feedback were encouraging.

9th KAIZEN COMPETITION IN GUJARAT ZONE



ACMA, Western Region, organized 9th edition of Annual Gujarat zonal Kaizen Competition on November 18th, 2022. The objective the competition was to provide a platform / opportunity to share/ showcase the breakthrough Kaizens and to learn from the best



Kaizens implemented within the industry.

The Chief Guest for the session was Mr. Bibhutosh Dutta, Deputy Plant Head, Suzuki Motor Gujarat Pvt Ltd. While the jury for the competition comprised of: Mr. Rutvik Joshi, Section Head - Plant Maintenance at Hero MotoCorp Ltd.; Mr. Ajay Sha, General Manager - Manufacturing, MG Motor India; and Mr. Dipak Chaudhari, Head Business Excellence, Tata Motors Passenger Vehicle.

The presentations left the jury members impressed, they appreciated the team work and efforts made for the continuous improvements by the participating companies & members.

The competition witnessed 37 presentations on improvements carried by ACMA member companies in their respective plants in Gujarat zone.

Skilling and Mentorship

Following teams were announced winners:

TOP 3:

POSITION	WINNERS
1st	Excellence - Yazaki India Ltd
2nd	Gabriel Ek Lakshya - Gabriel India Ltd.
3rd	Udaan - Jay Bharat Maruti Ltd.

RUNNER-UP 3 Nos:

POSITION	WINNERS
1st	GKN Challengers - GKN Driveline India Ltd
2nd	Rightway - Subros Ltd
3rd	Blue Collar Squad - Asahi India Glass Ltd

2nd RUNNER-UP 3 Nos:

POSITION	WINNERS
1st	Brass Gladiator - Harsha Engineers International Ltd
2nd	Achievers - Caparo Engineering India Ltd
3rd	Moflex Visioners - Moflex Suspension LLP

BEST PRESENTATION:

CATEGORY	WINNERS
Productivity	SMB Champion - Schaeffler India Ltd
Safety	Safety Warriors - Rane NSK Steering Systems Pvt Ltd
Cost	Narmada - JBM Auto Ltd

WORKSHOP ON 'DATA VISUALIZATION USING POWER BI'

ACMA, Western Region, organized workshop on 'Data Visualization using Power BI' on November 21st & 22nd, 2022.



The workshop was conducted by Mr. Akshay Magre, a Microsoft Office specialist (MOS) & Microsoft Certified Data Analyst corporate trainer.

Following topics were covered during the workshop:

Day 1:

Introduction to Power BI:

- Connecting to Database
- Different Products of Power BI
- What is Power BI

Introduction to Power Query:

- Import from Excel file, Csv, Text Files
- Import from Web, PDF, Exchange
- Loading from Power Query back to Excel Sheet
- Import from MS Access & PDF

Power Query- Data Transformation:

- Text Functions
- Number Functions
- Empty / duplicate rows, filter rows
- Perform Arithmetic

Power Query- Multiple Sources:

- No Manual Process
- Duplicate/reference a Power Query
- Inventory of all the files
- Sharing files

Append Data:

- Append Data from Multiple Table in a Sheet.
- Append Data from Multiple Files in a Folder
- Appending Multiple Excel Files
- Appending Csv Files

Day 2:

Merge Date:

- Merging Data
- Merging Data from Same Sheet
- Merging Data from Multiple Sheet
- Merging Data from Different Sheet in Same File

Dax Functions:

- Logical Functions
- Basic Arithmetic Functions
- Date Functions

Visualizations:

- Creating Projection
- Creating Dashboard
- Working with Various Visualization
- Importing visualization from Microsoft Store

Power View Visuals:

- Create Visuals
- Field Formatting
- Conditional Formatting
- Creating Tables
- Creating Matrix

Working with Hierarchy:

- Grouping & Binning with Fields
- Bin Size & Biz Limits
- Creating Hierarchies
- Drilldown Reports

Case Study:

- Creating Dynamic Calendar
- Cleaning Data
- Dashboard Preparation

This training program was appreciated by all the participants, and a total of 20 attended and provided encouraging feedback.

TRAINING ON ‘EFFECTIVELY DEALING WITH INDUSTRIAL RELATIONS & TRADE UNIONS IN CURRENT INDUSTRY SCENARIO’

ACMA, Western Region, organized training on ‘Effectively Dealing with Industrial Relations & Trade Unions in current Industry Scenario’ November on 25th, 2022.

The training was conducted by Mr. Dattatray Ambulkar, a qualified Lead Auditor having 40+ year of experience in HR & IR.

This training covered following key areas:

- Relevance of Industrial Relations and Dealing with Trade Unions to Managerial role.
- Holistic approach while dealing with IR and Trade Unions.
- Identifying Risk factors in IR and mitigating the risk proactively.
- Practicing Emotional Intelligence as a Manger’s Tool while dealing with Trade Unions.
- Regulating the emotions during stressful situations @ work.
- Role and responsibilities of Trade Unions and TU Leaders. Knowing ‘Them’ better.
- Manger to opt ETC (Educate, Train and Collaborate)
- Knowing changed and changed scenario in IR.
- Understanding the new trends in IR.
- ‘Involve2Resolve’ as responsive way of working and converting IR into individual relations.
- Mangers as Management Team to deliberate how to make union as the stakeholder in operations and business.



This training program was appreciated by all the participants, there were 24 participants and the feedback received remained encouraging.

FUTURE READY INITIATIVES

YBLF (YOUNG BUSINESS LEADERS FORUM)

VISIT TO Hero MotoCorp & INTERACTION WITH MR. RAM KUPPUSWAMY, CPO – Hero MotoCorp

ACMA, Young Business Leaders Forum (YBLF) organised a visit to Hero MotoCorp, Global Parts Centre & Garden Factory in Neemrana, Rajasthan, and interaction with Mr. Ram Kuppuswamy, Chief Purchasing Officer – Hero MotoCorp on November 9th, 2022 at Sector – 33 Plant in Gurugram, Haryana.

The visit and interaction was a part of exposure planned for YBLF members. The members visited the Garden Factory first and thereafter interacted with top officials of the factory. Later in the day interactive session was scheduled with Mr. Kuppuswamy.

At the factory and shop-floor the YBLF members was received by Mr. Ajay Kumar Jain, Sr. General Manager, & Head - GPC. He spoke about manufacturing capability of the plant. Subsequently, the delegation went on for plant visit and saw the state-of-the-art garden factory and visited hydroponic farm and the 2w manufacturing unit.


Interaction was also held with Mr. Mike Clark, COO & CHRO; Mr. Ravi Kumar Pisipaty, Head - Plant Operations, and Mr. Mahesh Kaikini, CQO of Hero MotoCorp alongside Mr. Kuppuswamy. .

The visit provided members to visit one of the world's largest motorcycle manufacturing plant, the delegate members were appreciative of the efforts put in by ACMA team to organise the visit. The feedback received remained excellent.





ACMA



**Automotive Components Manufacturers
Association of India**

AUTONEWS

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