

ACMA

Automotive Component Manufacturers Association of India

June - July 2019

AUTONEWS

Vol 12 No 79

ACMA

Automotive Component Manufacturers Association of India

1st Automotive Raw Materials Conclave & Exhibition New Age Automotive Raw Materials - Challenges & Opportunities

2nd July, 2019

New Delhi



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1st Automotive Raw
Materials Conclave
& Exhibition

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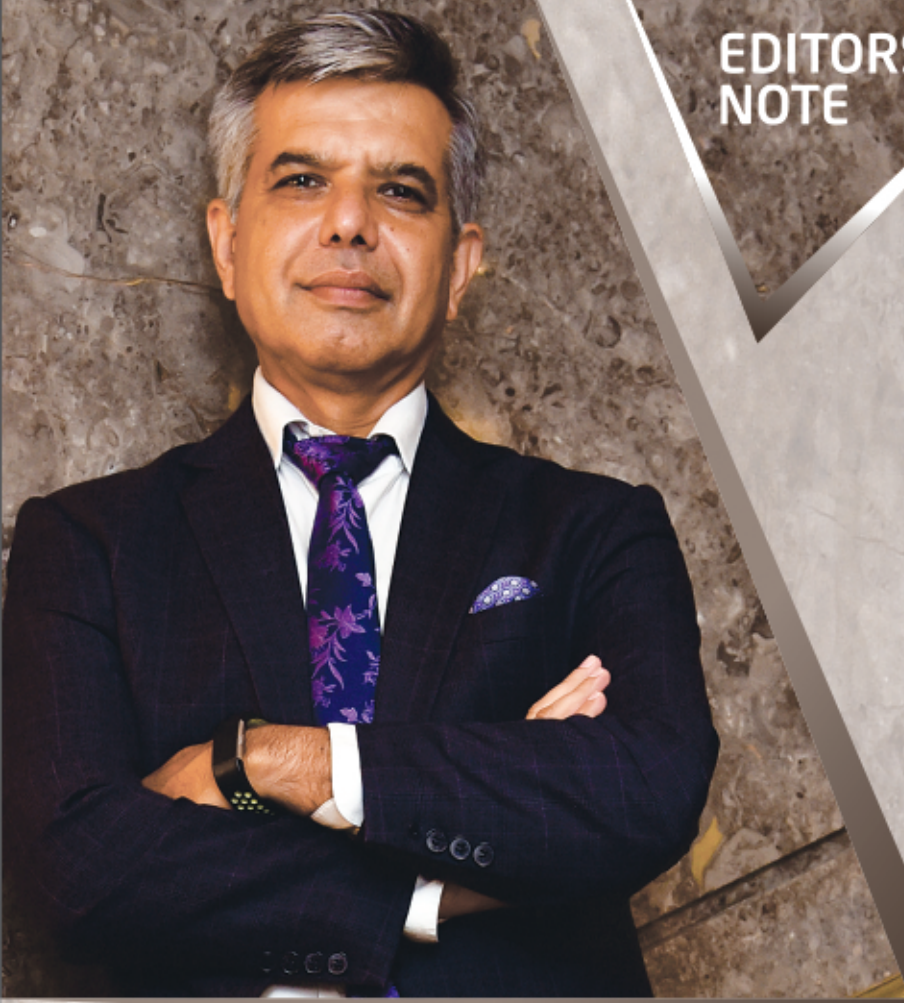
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EDITORS'S NOTE



The year gone by witnessed a modest upswing in the overall performance of the vehicle industry, despite it facing several regulatory challenges. The component industry, in tandem, posted satisfactory performance with significant growth of 14.5 percent over the previous fiscal, registering a turnover of Rs. 3,95,902 crore (USD 57 billion). Further exports, grew by 17.1 per cent in FY 2018-19 to Rs. 1,06,048 crore (USD 15.16 billion).

The dynamics of the automotive market is undergoing a significant transformation as the industry strives to become compliant with various regulations related to emissions, safety and environment, including the transition from BSIV to BSVI. That apart, key trends such as vehicle connectivity, electrification of vehicles, shared mobility, Industry 4.0 among others are also redefining mobility. To support the changing customer needs and to stay relevant, the auto component sector needs to be encouraged with supportive government policies.

One of the key demands of the industry has been a uniform 18% GST rate across the auto component sector;

currently 60 per cent of the auto components attract 18 per cent GST rate, while the rest 40 per cent, majority of which are two-wheelers and tractor components, attract 28 per cent. The latter high rate has led to flourishing grey operations in the aftermarket. A benign rate of 18 per cent will not only ensure better compliance, but will also ensure a larger tax base. Further, considering the significant technological changes that the industry is undergoing, there is a critical need for creating a fund to support indigenous R&D and technology creation in the component industry as also for technology acquisition from other parts of the world. Lastly, as we prepare for the introduction of electric mobility in the country, a well-defined, technology agnostic road-map with clear responsibilities of each stakeholder will go a long way in ensuring a smooth roll out as also leading to creation of a local supply base for the same

Vinnie Mehta
Director General, ACMA
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NO 79 / JUNE - JULY, 2019

ACMA AUTONEWS

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Editorial Content:
The Publisher makes every effort to ensure that the contents in the magazine are correct. However, he can accept no responsibility for any effects from errors or omissions. Any unauthorised reproduction of Auto News content is strictly forbidden.

Design & Production: Ashes Design Studio, New Delhi |
ashesdesignstudio@gmail.com | 9999114295



1st Automotive Raw Materials Conclave & Exhibition

New Age Automotive Raw Materials - Challenges & Opportunities

2nd July, 2019

New Delhi



1 BUSINESS DEVELOPMENT

NORTHERN REGION

1st ACMA Automotive Conclave & Exhibition

ACMA, Northern Region, organised first ever 'Raw Material Conclave & Exhibition' on 2nd July, 2019 in New Delhi. The conclave was organised in line with the Government's vision of 'Make in India'. The first-of-its-kind conclave provided a platform to select ferrous & non-ferrous material suppliers catering to the automotive industry's requirement. Alongside, a conference on raw material was also planned on the sidelines at the same venue.

The Conclave provided a unique opportunity for networking and understanding the product portfolio of automotive materials under one roof. The event enabled to best bridge gap with regard to specific requirements. Also with the implementation of BS VI norms, upcoming CAFÉ norms, accelerated EV adoption and other Regulatory changes, the auto component industry is in dire need of technologically advanced and lightweight materials to match the requirement of the future.

Welcoming the gathering of industry stalwarts Mr. Ramchandra Rao, Chairman – ACMA CFT on Raw Materials, informed that ACMA has taken interest in enlightening its membership about Raw Materials - as this is a challenge, as well as an opportunity for the industry. The import rates are increasing, it's becoming imperative for Auto component manufacturers to find means to eliminate the custom duty to set the right equation in today's recession period, he added.

Addressing the participants – The Chief Guest, Mr. N. Sivasailam, Special Secretary, Dept. of Commerce, Ministry of Commerce & Industry, GOI welcomed ACMA's initiative and praised its efforts. He



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emphasized that Cost of doing the business needs to be reduced, Contracting has to be minimized, Focus on developing localization for EV set-up to bring-in import substitutes. He informed that there is a major need to support and value the 'Indian Testing Standards' and the component industry should aim to become a part of global ecosystem of raw materials & confront the problem of steel directly, by bringing-in all stake-holders a part of the ecosystem.

Thanking the speakers, delegates and invitees, Mr. Vinnie Mehta, ACMA Director General mentioned that a lot of insight and foresight about raw materials, would be provided by the various session speakers that would be useful for all the member companies to understand the utilization of Raw Materials in the Auto component Industry.

The discussion during the conference put focus on suggesting all stakeholders viz., the Component Manufacturers, OEM's and Steel suppliers, to work for the common goal of maximizing the profit, during the challenging times of short recession & BS VI regulation; investing in R&D expenses as on date to address the expected enhanced demand for BS VI regime to achieve the ensuing targets; include Lithium, Cobalt Suppliers to two/three/four wheelers in the next conclave to deliberate on the Raw Materials related problems; Resource security at competitive prices has been a critical success factor for steel.

The companies that participated in the display were:-

1	ARJAS STEEL PRIVATE LIMITED
2	CENTURY METAL RECYCLING LIMITED
3	ESSAR STEEL INDIA LTD.
4	FIRST METAL TRADING PVT. LTD.
5	G R METALLOYS PVT. LTD.
6	HITACHI METALS (INDIA) PVT. LTD.
7	JINA SPECIAL STEEL WORKS PVT. LTD
8	JSW STEEL LIMITED
9	SCHMOLZ + BICKENBACH INDIA PVT. LTD.
10	SUNFLAG IRON AND STEEL CO. LTD.
11	TARINI STEEL CO. PVT. LTD.
12	VARDHMAN SPECIAL STEELS LTD.

New Age Automotive Raw Materials - Challenges & Opportunities

July, 2019



ACMA

1st BUYERS-SELLERS BUSINESS MEET 2019

3rd & 4th June, 2019 Chennai



SOUTHERN REGION

1st BUYER SELLER BUSINESS MEET

ACMA, Southern Region & Supply Chain CFT of Business Development organized the first Buyer Seller Business Meet (BSM) on 3rd & 4th June, 2019 at Chennai Institute of Technology, Kundrathur, Chennai. The BSM was aimed at connecting the value chain of the automotive sector from OEMs to Tier-3 companies.

The meet was inaugurated by Mr. Ram Venkataramani, President, ACMA & Director, India Pistons Ltd. The event was graced by Mr. P Kaniappan, Chairman- Southern Region, ACMA & Managing Director, WABCO India Ltd, Mr. J S Rangar, Chairman, ACMA CFT on MSME & Supply Chain Management and Managing Director, Stork Rubber and Mr. Vinnie Mehta, Director General, ACMA.

In his address Mr. Venkataramani, shared the industry performance review among the audience and also talked about the growing heft of the Indian component industry and the vital role played by the Tamil Nadu Government, to become a hub for automotive manufacturing. He further mentioned that such platforms for business development are appreciated by the customers across the tiers and OEMs.

Mr. Kaniappan, thanked the Supply Chain Committee CFT of ACMA for their support to ensure that the BSM was a success. He also thanked the Chennai Institute of Technology for hosting the 1st BSM at Chennai. Speaking on the choice of venue, Mr. Kaniappan mentioned that it was a conscious decision and part of the Region's strategy to bridge the Gap between Industry and academia. He spoke about the Annual Exhibition organised by ACMA, wherein



Institutions are invited to show case projects to Industry members.

Mr Kaniappan also encouraged members to visit the lab facility of the CIT and understand all the students' projects.

The BSM also hosted the meeting of the International Purchasing Offices of Global OEMs and Tier-1s, who also visited and interacted with the exhibitors & visitors during the show the Show. The Raw Materials CFT also had its meeting coinciding the BSM, members of who, got a chance to visit.

Over 100 students also got an opportunity to visit, witness and interact with the exhibiting companies and learn about their products, applicability and engineering aspects which was highly appreciated both by the institution and the participating companies and visitors.

A guided tour to the Lab facilities of CIT was also arranged for the interested visitors and exhibitors.

The highly successful event witnessed healthy footfall, the visitor included leading OEMs like Hyundai, Renault Nissan, Isuzu, Ashok Leyland, Royal Enfield, Volkswagen, Meritor, Navistar, Alstom, Yamaha Motors to name a few.

The following companies participated in the event:

ALFA RUBBER
MK AUTO COMPONENTS INDIA LTD
RADIANT POLYMERS PVT LTD
PRELIALP PRECISION INDIA PRIVATE LIMITED
LUCAS INDIAN SERVICE LTD
DAEJUNG MOPARTS PVT LTD
PRECISION AUTOWARES (P) LTD
NANDHINI RUBBER PRIVATE LIMITED
BECHEM LUBRICATION TECHNOLOGY
JAY SWITCHES INDIA PRIVATE LIMITED
BESOTO SYSTEMS PRIVATE LIMITED
JAI NIDHI AUTOMATION
SEP INDIA PRIVATE LIMITED
RENATA PRECISION
KAVIA ENGINEERING PRIVATE LTD.
TEXELQ ENGINEERING INDIA PVT LTD
SRI KAILASH LOGISTICS (CHENNAI) LIMITED
PKM AUTOCOM PVT LTD
MIDAS SAFETY PRIVATE LIMITED

CNH MOULDS PRIVATE LIMITED
BESMAK COMPONENTS PVT LTD
ABLE SPRING MANUFACTURERS
TKW FASTNERS PVT LTD
INTEGRA AUTOMATION PRIVATE LIMITED
K R INDUSTRIES
ESSAE GEARS & TRANSMISSIONS PVT LTD
AMALGAMATIONS - COMPONENT DIVISION
JK FENNER (INDIA) LTD
MAINI PLASTICS AND COMPOSITES PVT LTD
NEW SWAN AUTOCOMP PVT LTD
MACHINO PLASTICS LIMITED
STORK RUBBER PRODUCTS PVT LTD
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SELLOWRAP INDUSTRIES PVT LTD
KEMS AUTO COMPONENTS LIMITED
BONY POLYMERS PRIVATE LIMITED
INDO-MIM PVT LTD
SANKAR SEALING SYSTEMS PVT LTD
SRI SARAVANAA FABRS
JESONS TECHNOLOGIES PVT. LTD.
RIGHT TIGHT FASTENERS PVT LTD
DEVENDRA AUTOCOMP PVT LTD
ROOTS INDUSTRIES INDIA LTD
POLYPLASTICS INDUSTRIES INDIA PVT LTD
GOLDSEAL SAARGUMMI INDIA PRIVATE LIMITED



VISIT KIA MOTORS

ACMA, Southern Region, was invited for the Product Review Seminar of SELTOS, a newly launched product by Kia Motors. ACMA, was invited to share information on the industry and its services to OEM's key suppliers, and how they could benefit / leverage from the services of the Association.



Mr. J. Sridhar, Zonal Coordinator, Chennai along with Mr. Anil Kumar Unni, Regional Secretary, ACMA, represented the Association and gave an overview of the industry and ACMA and its services.

Vendors of KIA showed interest to know more about the Association during the interactive session after the presentation.

WESTERN REGION

2nd ACMA VALUE CHAIN SUMMIT

ACMA, Western Region, organised the 2nd edition of ACMA Value Chain Summit on 26th – 27th July, 2019 in Ahmedabad, Gujarat. The summit which aimed at OEMs in Gujarat, showcased the strength, capability and readiness of the auto component manufacturers to support OEMs housed in Gujarat.

Apart, the Summit also focused on connecting Tier-2 suppliers with Tier-1 suppliers and supporting ACMA members in business development.

The Summit was inaugurated by Mr. Kenichi Ayukawa, Managing Director & CEO, Maruti Suzuki India.

Speaking on the occasion, Mr. Ram Venkataramani, President, ACMA said Gujarat has been successful in attracting investments from leading vehicle manufacturers including Maruti Suzuki. It is in this context that we organised for the second time, this unique joint event between the OEMs and the auto Component industry. The Value Chain Summit will create forum that will enable auto component investments in the state. It is indeed a great honour to have Mr. Kenichi Ayukawa, Managing Director & CEO, Maruti Suzuki India, to inaugurate the summit.

In his address, Mr. Ayukawa, said the initiative by ACMA to organize such an event is win-win for both OEMs and auto component manufacturers. This collaboration will certainly help the automotive industry in Gujarat to grow faster, emphasizing on skilled manpower in the state.

Mr Ayukawa added that Maruti Suzuki has established institutions where vocational training and auto related training is being provided.

Senior officials from sourcing and purchase teams from all key OEMs such as Atul Auto, Ford India, HMSI, Honda Cars, Mahindra & Mahindra, MSIL, MG Motors, Hero MotoCorp and Tata Motors visited the show and interacted with the exhibitors.

The Summit was support by Japan External Trade Organization (JETRO).

Altogether the summit witnessed pan India participation from 45 auto component manufacturers.

WORKSHOP ON "HOW TO MANAGE BUSINESS DURING VUCA TIME"

ACMA, Western Region, organized session on 'How to Manage Business during VUCA (Volatility, uncertainty, complexity and ambiguity) time on 28th June, 2019 in Indore, Madhya Pradesh.

Mr. Pradeep Mishra, Senior VP- Purchase & Supply Chain Eicher Trucks and Buses, VE Commercial Vehicles Ltd. was the keynote speaker. While Mr. M S Shankar, President – Technology & Innovation, ANAND Automotive Private Limited, conducted the session for the participants.

Addressing the participants, Mr. Mishra said we need to pay greater attention to the rapidly changing business models. Sighting the examples of fast changing regulations and technology, he said the industry need to adapt new way of doing things. Understanding the generation next and take them along would be the key to manage business during VUCA, he added.

The members based in Indore appreciated the initiative taken by ACMA and showed interest in future activities to be organized.

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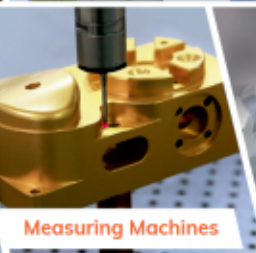
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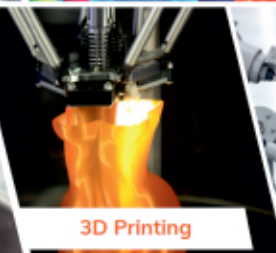
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Automation



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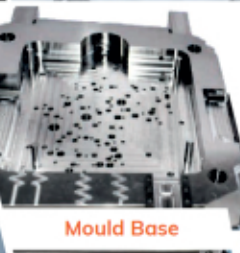
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SOUTHERN REGION

MEETING WITH PRINCIPAL SECRETARY & CEO APEDB

ACMA, Southern Region, meet with Mr. P.V. Ramesh, Special Principal Secretary to the Chief Minister & CEO, APEDB, Govt. of Andhra Pradesh, on 9th July, 2019 at A P Secretariat. ACMA was invited in the meeting to provide inputs on Electric Vehicle Policy & new Automotive Policy for the State.

ACMA Director General Vinnie Mehta along with and Mr. Anil Kumar Unni, Regional Secretary, ACMA attended the meeting at the Secretariat.

Sharing his suggestions on developing the automotive cluster, Mr. Mehta suggested to invite investor who are scouting for new manufacturing locations in the country and the south in particular.

Speaking of the State's policy, which is considered to be the best in the country. He suggested, what investors looks for is welcoming policy regime, which are consistent and designed with long term perspective. This makes the State investor friendly and helps in enhancing ease of doing business.

ACMA, as part of its MoU with the State, has also invited the State to be the State Partner for the 2020 edition of Auto Expo, to be held in Delhi.

RESEARCH



EASTERN REGION

DAY LONG SESSION ON 8 DIMENSIONS OF QUALITY & PROBLEM SOLVING

ACMA, Eastern Region organised a one day Session on eight dimensions of Quality & how Problem solving tools help in Quality improvement on 5th June, 2019 at the Centre for excellence, Jubilee road, Jamshedpur. The objective to organize the program was to help the delegates appreciate the various dimensions of Quality and relate it to real life scenario. Also, to help them to know how different problem solving tools help in quality improvement.



Mr. Subir Ganguly, a Mechanical Engineer from IIT BHU and a Senior Tata Group Executive, was the faculty for the program. He dwelt about "The Eight Disciplines of Problem Solving (8D)", and added that problem solving methodology is designed to find the root cause of a problem, devise a short-term fix first and then implement a long-term solution to prevent recurring problems.

Ford Motor Company developed this problem solving methodology, then known as TOPS: Team Oriented Problem Solving. The early



usage of 8D proved so effective that it was adopted by Ford as the primary method of documenting problem solving efforts, and the company continues to use 8D even today added Mr. Ganguly.

Mr. Ganguly discussed 8D of Quality in detail and explained why and when the 8D is required? He also discussed the Problems & problem solving tools like:

- 5W's (what, where, when, why and who) and 1H(How)
- 5W and 2 H(How many)
- Stream Mapping
- 7 QC Tools
- Pareto Charts
- Affinity Diagram
- Brainstorming Session
- 5-Whys Process
- Fishbone Diagram
- Fault Tree Analysis
- Statistical Analysis
- ANOVA
- DOE
- Regression Analysis
- Hypothesis Testing
- GR&R
- Flow Charts
- FMEA
- Audits

He concluded the session by citing the famous Ice-cream problem and said-"The accurate diagnosis of the symptoms backed by a logical thinking process, can lead to the root cause analysis and preventing of future problems".

In total 28 delegates was attended the program and the feedback received was encouraging.

IN-HOUSE TRAINING PROGRAM AT STEEL STRIPS WHEEL

ACMA, Eastern Region, organized an in house training on Analytical thinking, Problem solving & Decision making on 13th July, 2019 at Jamshedpur plant of Steel Strips wheels ltd. The objective of the training was to improve analytical thinking skills & various approaches to solving problems and making the correct decision.



Mr. Ashish Tripathi, took the session, which was specifically designed for the middle management level employees, ready to take the leadership roles.

The program was well attended by twenty five participants and feedback received was encouraging.

NORTHERN REGION

19th BATCH OF SIX SIGMA BLACK BELT CERTIFICATION PROGRAM

ACMA, Northern Region, launched its 19th batch of Six Sigma Black Belt Certification Program also the Module I of this 6 Module Certification Program was held from 20th to 22nd June 2019 in New Delhi.



Mr. Ram Narayan, a Mechanical Engineer and a Post Graduate Diploma holder in Business Administration was the faculty.

The Six Sigma training is imparted with an objective to inculcate an Improvement culture in the organisation. Systematic thought process with specific tools in Six Sigma helps organization to Solve Problems, Reduce Costs and Increase Productivity.

There were 18 personnel from eight NR membership companies, have joined prestigious training program who will undergo training for another six months, spending 2 to 3 days of class room training every month, till November 2019. During this period, the participants will undertake two shop-floor improvement projects on which they would be guided by the faculty.

The program so far have received an excellent response from the ACMA Members and Northern Region has successfully completed 18 batches and created 304 Black belt personnel out of 557 personnel.

WORKSHOP WITH TEC ALLIANCE ON AFTERMARKET OPEN CATALOGUE

ACMA, Northern Region, organised a workshop with Tec-Alliance on Digital Aftermarket for Building Independent Aftermarket Open Catalogue on 25th June 2019 in New Delhi.

The Aftermarket Catalogue would be a standard catalogue conforming to International Tec Doc - Cataloguing Standards. The catalogue will be hosted in cloud with full security & functionalities such as: multiple search options, multiple view options, with the ability to integrate this with PoS (Point of Sales) systems.



ACMA, has been working on industry accepted standard system for Parts catalogue that the 'Aftermarket Trading Partners' could use to enable data consistency at all levels in the demand chain and to make it more transparent and efficient.

As it is a major challenge faced by the growing Indian aftermarket segment. As lot of opportunities are lost, due to highly unorganised part manufacture in the aftermarket trade. We are intensively working in this direction for over 12-18 months, and have finalised on the Common Catalogue System through the services of Tec-Alliance.

The first list would contain web catalogue for PVs/LCVs.

Progressively, the catalogue will expand for the rest of segments in a phased manner.

Tec-Alliance, is a consortium of Tec Doc from Europe and Pitzo, an Indian start-up to provide this service.

IN – HOUSE TRAINING PROGRAM ON FAILURE MODE EFFECT ANALYSIS

ACMA, Northern Region, organized a day-long in-house training program on FMEA on 3rd July, 2019 in Rudrapur. The training was specifically organized for the employees of Uma Shakti Steels Pvt. Ltd.



Mr. Neeraj Shukla, with an experience of more than a decade in Corporate Training was the faculty for the training program. The objective of the program was to:-

- Identify and fully understand potential failure modes and their causes, and the effects of failure on the system or end users, for a given product or process.
- Assess the risk associated with the identified failure modes, effects and causes, and prioritize issues for corrective action.
- Identify and carry out corrective actions to address the most serious concerns.
- For Design FMEAs is to improve the design and for Process FMEAs the objective is to improve the manufacture process.
- Develop Preventive Maintenance plans for in-service machinery and equipment
- Develop online diagnostic techniques

Following topics were covered during the training:

Benefit of FMEA, Types of FMEA, Elements of FMEA, Steps in FMEA, Linkage between PFD & PFMEA, Overview of IATF 16949: 2016

Requirements & 5 Core Tools; Overview of 5 Core Tools & Interrelationship (APQP, PPAP, FMEA, SPC, MSA);

DFMEA- Detailed Understanding of DFMEA; DFMEA- Practical Approach to perform DFMEA; PFMEA- Detailed Understanding of PFMEA; Severity Occurrence & Detection ranking criteria, recommended action for RPN and PFMEA- Practical Approach to perform PFMEA.

SECOND SIX SIGMA COMPETITION

ACMA, Northern Region, successfully conducted the 2nd Regional Six Sigma Competition on 22nd July, 2019. A total of 10 teams with 30 members from seven companies, from North Zone, participated in the competition.



The two member jury consisted of Mr. Ram Narayan, Founder, World Class Manufacturing Solutions and Mr. Yash Paul Khetrpal, General Manager, Maruti, Centre for Excellence.

The participants and the dignitaries were welcomed by Mr. Arvind Gupta, Member of ACMA Northern Regional Council and Director, Rockman Industries Ltd.

He in his address highlighted the benefits of 'Black Belt Six Sigma training program, which was started back in 2003-04, as a set of techniques & tools for process improvement and acts as a successful tool for problem solving & team building.

He further stated that Quality should be the main lifeline of the production instead of Quantity. Every official dealing in Six Sigma should independently learn to take the ownership. He insisted increased emphasis on strong and passionate management leadership and support.

While addressing the Chief Guest, Jury team members and participants during the valedictory session, Mr. Deepak Chopra, Chairman ACMA (NR) and Group CEO Anand Automotive Pvt. Ltd., said ACMA's initiative to organize the competition is highly appreciated by the all the membership.

The winners of the Second Sigma Competition are:

1 st Position	Ecocat India Pvt. Ltd.
2 nd Position	Subros Ltd.
3 rd Position	Anand Cy Myutec Automotive Pvt. Ltd.

TRAINING PROGRAM ON INVENTORY TURN RATIO

ACMA, Northern Region, organised training program on Inventory Turn Ratio for its members on 26th June, 2019 at Minda Corporation Limited, Uttar Pradesh. The training was organised to equip participants with the knowledge and understanding, of how to implement 'Inventory Turn Ratio', to assess business performance, to know how fast inventory sells, how effectively it meets the market demand and how its sales stack up to other products in its class category.

Mr. Ranjan Vasishtha, ex-DGM, Maruti Suzuki India was the faculty

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CIS Region:	Russia, Ukraine, Kazakhstan, Uzbekistan, etc.
Eastern Europe:	Czech Republic, Poland, Hungary, Sweden, Germany, Italy, United Kingdom, etc
Latin America:	Mexico, Peru, Columbia, Brazil, Argentina, Panama, etc
SAARC and Iran:	Bangladesh, Sri Lanka, Nepal, Iran, etc
West Asia:	Israel, Kuwait, Turkey, Saudi Arabia, United Arab Emirates, etc

Do Not Miss!!

iAutoConnect is a one of its kind event which provides a platform for the Indian Component Industry to showcase its growing capabilities to the visiting international delegations (large aftermarket distributors/ dealers). It will be a unique opportunity for ACMA members to meet around top 150 Buyers from the following regions under one roof.

Key highlights of iAutoConnect 2019 will be:

- 2 Days of Exhibition for better networking / B2B meetings opportunities.
- Around 160 new buyers from developed and emerging countries.
- 9 sq. mtrs. fully furnished Booth at the iAutoConnect for component display and meetings.
- Online Pre-fixed B-02-B meetings as per Buyers and Seller Interest,.
- Buyers Profile Directory.
- Sellers Profile Directory.
- Regular update is available on website: <http://iautoconnect-acma.in/>

For further information you may visit the website
www.iautoconnect-acma.in

The participation fee per member company would be Rs. 50,000/- +18% GST (One delegate per company), Additional Delegate fees of Rs. 10,000/- +18% GST per delegate would be charged (Maximum 2 additional delegates allowed per booth)

The participation fee per Non-Member company would be Rs. 60,000/- +18% GST (One delegate per company), Additional Delegate fees of Rs. 10,000/- +18% GST per delegate would be charged (Maximum 2 additional delegates allowed per booth)



For any clarifications, please feel free to contact:

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for the training program.

The objective of the program was:

- Higher the Inventory Turnover Ratio, More efficient and Profitable the firm
- To identify Sales and inventory are in balance
- For proper calculation of Inventory Turnover Management
- To Understand a Company's liquidity

The faculty covered the following topics during the training :-

Definition of ITR, Importance of ITR, Requirement for Effective Inventory Control, Just in Time; Advantages of Achieving High ITR; Benchmark for ITR for Various Industries.

The Training was attended by 24 participants from 10 companies of Northern Region membership.

16th QUALITY CIRCLE COMPETITION

ACMA, Northern Region, organized the 16th QC Competition on 31st July, 2019 in New Delhi. 78 teams from Northern Region member companies, participated in the competition, with more than 500 delegates.



Welcoming the Jury members, participating teams and delegates **Ms. Shradha Suri Marwah, Co Chairman, NR** emphasised on the benefits of Quality Circles which had been a successful tool for problem solving and team building in many companies. With an intent to bring-in a high level of bonding and confidence amongst the team members and in turn with the management too, she further mentioned that the basic objectives of QC is to develop and utilise human resources effectively.

The twelve members Jury team consisted of Quality heads from leading Vehicle manufacturing Companies from Northern Region.

The Jury Team consisted of:

Name	Designation	Company
Mr. Nitin Bhatia	Sr. Manager (Internal Purchasing Office-IPO BMW India)	BMW India Pvt. Ltd.
Mr. Lovneesh Valecha	Quality Manager at BMW IPO India for Cars components	BMW India Pvt. Ltd.
Dr. Shashi Bhushan Purohit	Deputy GM - Business Excellence	Hero MotCorp Ltd.
Mr. Rajiv Mathur	Sec. Head-Robotic Cell (New AI. Phase)	Hero MotCorp Ltd.
Mr. Monto Phillips	Head Business Excellence	Hero MotCorp Ltd.
Mr. Dheeraj Arora	Assistant GM-Quality Assurance	Maruti Suzuki India Ltd.
Mr. Ashish Gandhi	Assistant General Manager	Maruti Suzuki India Ltd.
Mr. Pankaj Khera	Assistant GM - Quality Assurance	Maruti Suzuki India Ltd.
Mr. Yogesh Kumar Dinkar	Manager Quality Control	Suzuki Motorcycle India Pvt. Ltd.
Mr. Prateek Dubey	Manager - Vehicle Assembly	Yamaha Motor India Pvt. Ltd.
Mr. Amit Kumar	Manager - Plant Utility & Maintenance	Yamaha Motor India Pvt. Ltd.
Mr. Bishnu Tripathi	Manager - QC Weld & Press	Yamaha Motor India Pvt. Ltd.

Welcoming the Chief Guest and the participating teams Mr. Deepak Jain, Chairman, ACMA (NR) expressed that it is heartening to see overwhelming participation by the NR membership at QC competition.

Addressing the participants at the Valedictory session Chief Guest Mr. M M Singh Executive Advisor – MACE, Maruti Suzuki India Ltd. appreciated the energy levels of the participating teams and mentioned that the involvement should be such that it benefits mutually the customer and the vendor. He also congratulated ACMA NR efforts to organise such a event.

Winners of the 16th Northern Regional QC Competition were:
OVERALL QC Competition

Position	Organisation Name	QC Circle Name	Presentation Category
1 st	Imperial Auto Industries Ltd.	PARIVARTAN	Customer Complaint
2 nd	Subros Ltd., Manesar	UDAY	Productivity Improvement
3 rd	Minda Industries Ltd. (Switch Division) Manesar	SAKSHAM	Quality Improvement

Category Winners: Safety

Position	Organisation Name	QC Circle Name	Presentation Category
1 st	Mindarika Pvt. Ltd.	ICHIBAN	Safety

Category Winners: Customer Complaint

Position	Organisation Name	QC Circle Name	Presentation Category
1 st	Lumax Manno Allied Technologies Ltd.	PRAYAS	Customer Complaint
2 nd	Sanden Vikas India Pvt. Ltd.	TALENT POOL-1	Customer Complaint
3 rd	Mahle Anand Filter Systems Pvt. Ltd., Parwanoo	AARYABHATT	Customer Complaint

Category Winners: Cost Reduction

Position	Organisation Name	QC Circle Name	Presentation Category
1 st	Musashi Auto Parts Pvt. Ltd.	DOMINAR	Cost Reduction
2 nd	Asahi India Glass Ltd. (Bawal, Haryana)	SANKAT MOCHAN	Cost Reduction
3 rd	Wabco India Ltd. Barabanki (Lucknow)	VIRAT	Cost Reduction

Category Winners: Productivity Improvement

Position	Organisation Name	QC Circle Name	Presentation Category
1 st	Sandhar Technologies Ltd. (Bawal)	GARV	Productivity Improvement
2 nd	Rockman Industries Ltd. Mangli, Ludhiana	PARIVARTAN	Productivity Improvement
3 rd	Krishna Maruti Ltd.	DARPAN	Productivity Improvement

Facility Improvement - Certification of Recognition

Sl. No.	Organisation Name	QC Circle Name	Presentation Category
1	Pranav Vikas (India) Pvt. Ltd.	EAGLE'S EYE	Facility Improvement

SOUTHERN REGION

1st ZONAL KAIZEN CONTEST AT RAJALAKSHMI ENGINEERING COLLEGE

ACMA, Southern Region, organised the 1st Zonal Kaizen Contest on 22nd June, 2019 at Rajalakshmi Engineering College, Chennai. The introductory edition saw 47 teams contesting in different categories. The competition was organised at an Engineering institution with an aim to bridge the industry and academia gap.



The Jury Panel for the contest included OEMs and experts like; Mr Somanathan M K, Head - Quality Management Systems, Ashok Leyland Ltd, Mr. M. Muthukayarokanam, formerly working with Caterpillar India, Mr N Brahmaniah formerly working with Fiat Chrysler India Ltd and Mr. S Srinivasan, UNIDO.

Welcoming the Jury and participants at the inaugural session, Mr Anil Kumar Unni, Regional Secretary spoke about impact of 'Kaizen' on the organisation. Kaizen culture helps to improve at every stage. Encouraging the participants for the 1st Zonal Kaizen Contest, he

also placed on record appreciation of the management of member companies for sending teams to participate in the contest.

Motivating the participants Mr. Somanathan, spoke about how all 47 teams present are already winners, as the best team from their organization has been selected. He encouraged teams to do their best, as they are the best people to talk about their project. He emphasized on the Kaizen theme selection and how it has to be SMART. He encouraged teams to come-out with innovative ideas. He also spoke about his journey as QC and Kaizen leader and how it impacts the organization.

Jury wished best to all the participants in this Kaizen journey and encouraged more teams to participate for the next edition.

The following teams were announced winners in the different categories:

SSI Companies

Position	Organisation Name	Theme Name	Team Members
1 st	Besmak Components Pvt. Ltd.	Eliminate the Internal Customer Compliant	Mr. Valiyulla Mohammed & Mr. Elangeeran
2 nd	Besmak Components Pvt. Ltd.	Arrest side code movement for ejection time	Mr. Sivvanthikumar & Mr. Diyo Baby
3 rd	Stork Rubber Products Pvt. Ltd.	To increase the productivity and reducing the cycle time	Mr. Senthilkumar & Mr. Loyd Duckson

Winners - Safety Category

S.No.	Organisation Name	Theme Name	Team Members
1	Rane TRW Steering Systems Pvt. Ltd.	To enhance safety feature in Testing Lab	Mr. G Venkataraman
2	Besmak Components Pvt. Ltd.	Arrest side code movement for ejection time	Mr. Sivvanthikumar & Mr. Diyo Baby
3	Tube Investment of India - Unit of Tube Products of India	To eliminate unsafe Condition on at Scrap Winder Tubes in Tube Mil - 1	Mr. D SIBI Francis & Mr. S Sathish

Winners - Productivity Category

S.No.	Organisation Name	Theme Name	Team Members
1	Comstar Automotive Technologies Pvt. Ltd.	Low Cost Automation through improve productivity	Mr. V Prabakaran & Mr R Kirubakaran
2	USUI Susira International Pvt. Ltd.	Productivity Improvement by reducing the no. of operation in Value Spring Retainer	Mr. R Kishore Kumar & Mr. M Lawrence
3	Rane TRW Steering Systems Pvt. Ltd., (OSD) S P Koil	To increase the productivity & Line Balancing of SPR 4.1 Black Box Line	Mr. S Viswa

Winners - Quality Category

S.No.	Organisation Name	Theme Name	Team Members
1	Tube Investment of India - Unit of Tube Products of India	To Eliminate scoring mark on tubes in mil - 4	Mr. N Karthikaiselven & Mr R Balasubramani
2	Rane TRW Steering Systems Pvt. Ltd., (OSD) SPK Oil	To reduce rejection of Snake Assembly	Mr. A Anbarasan
3	Sundaram Fasteners Ltd., Padi	Elimination of Process Scarp in Stainless Steel Turbine Housing	Mr. S Muralidaran & Mr. S Saravanan

Winners - Cost Category

S.No.	Organisation Name	Theme Name	Team Members
1	DELPHI-TVS Technologies Ltd, Mannur	Cost Reduction through elimination of Ball and Screw assembly in common rail	Mr. N Suhail Ahamed & Mr. S Santhosh Kumar
2	Yazaki India Pvt. Ltd.	Scarp Reduction	Mr. C Marimuthu
3	Yazadi India Pvt. Ltd.	Setup time reduction	Mr. K C Nandhakumar

Winners - Delivery Category

S.No.	Organisation Name	Theme Name	Team Members
1	MR Rane TRW Steering Systems Pvt. Ltd.	To improve the delivery performance of Buckle Line 2	Mr. K C Nandhakumar
2	Turbo Energy Pvt. Ltd., Pulivalam	To reduce manufacturing lead time in Bearing Housing Assembly	Mr. S Sankar & Ms K Maheshwari
3	WABCO India Ltd.	Eliminating partial delivery of Spare parts to customers	Mr. K Senthamizh & Ms. Vellina

2nd EDITION ZONAL KAIZEN CONTEST

ACMA, Southern Region, organised 2nd Edition of the Zonal Kaizen Contest on 7th June, 2019 at Bangalore. The edition saw 26 teams, contesting in the categories of Quality, Productivity, Cost, Delivery and Safety.

Sharing the impressions of the jury during the valedictory sessions, Mr Vasu congratulated all the participants for the presentations, which were made with lot of enthusiasm, he added that he felt very much motivated. He was impressed with all the Kaizens and also mentioned that he would like to visit few companies to understand better.

The Juries felt that the level of Kaizens were good, however as areas of improvement, a few suggestions were made which included:



- Selection of Kaizens should be linked to company objective
- Data after implementation of kaizens should be shown
- Trials should also be shown and mapped
- In case a kaizen project involves multiple kaizens to be implemented, the clear link should be demonstrated.
- It was also suggested not to make same kaizen in different categories.

They wished the best to all the participants in this Kaizen journey and encouraged more teams to participate for the next edition.

Juries also appreciated the efforts of the SSI Company, by participating and contesting amongst large and medium companies.

The following teams were announced winners in the different categories:

Winners - Productivity

S.No.	Organisation Name	Position	Team Members
1	Lumax Industries Ltd.	1st	Mr. Golak Bihari Das & Mr Safee Ansari
2	Lumax Industries Ltd.	2nd	Mr. Saurabh B Shetty & Mr Dileep B V
3	Sogefi Engine Systems India Pvt. Ltd.	3rd	Mr Akash & Mr Naresh S
4	Nexteer Automotive India Pvt Ltd	3rd	Mr Suraj N & Mr Shankar M



Winners - Delivery

S.No.	Organisation Name	Position	Team Members
1	Sansera Engineering Ltd	1st	Mr. Yathish S
2	Aditya Auto Products & Engineering (I) Pvt Ltd	2nd	Mr. Shivakumar & Mr. Rama
3	SJS Enterprises Pvt Ltd	3rd	Mr. Shivakumar & Mr. Rama

14th QUALITY CIRCLE COMPETITION

ACMA, Southern Region, organised 14th Quality Circle Competition on 20th July, 2019 in Bengaluru. The mega competition saw 50 teams participating in different categories.



The eminent jury panel consist of OEMs like; Hyundai Motor India Ltd, Honda Motorcycle & Scooter India Pvt. Ltd, Mahindra Electric Mobility Ltd, Toyota Kirloskar Motor Pvt. Ltd., TVS Motor Company and senior members from QCFI.

Winners - Quality

S.No.	Organisation Name	Position	Team Members
1	Lumax Industries Ltd.	1st	Mr. Shruthi PS & Ms. Varalakshmi K
2	Faurecia Emissions Control Technologies India Pvt Ltd	2nd	Ms Sahana S G
3	Continental Automotive Components (India) Pvt Ltd	3rd	Mr Viswanatha Ramesh & Mr. Gangadhara

Winners - Cost

S.No.	Organisation Name	Position	Team Members
1	Lumax Industries Ltd.	1st	Mr. Shruthi PS & Ms. Varalakshmi K
2	Faurecia Emissions Control Technologies India Pvt Ltd	2nd	Ms Sahana S G
3	Continental Automotive Components (India) Pvt Ltd	3rd	Mr Viswanatha Ramesh & Mr. Gangadhara

Winners - Safety

S.No.	Organisation Name	Position	Team Members
1	SOGEFI Engine Systems India Pvt Ltd	1st	Mr. Mohan & Mr. Prashanth K
2	SJS Enterprises Pvt Ltd	2nd	Mr. Yuvraj & Mr. Aravindhan
3	AB Auto Brakes Private Limited	3rd	Mr. Umesh BR (SSI)



The event was held parallel in three halls to accommodate the number of teams. Top three winners were identified from each hall. Teams participated in two categories the Diploma and Shop floor category.

Mr. Y Gunaseelan, Jury Chairman and Deputy General Manager – PED/MSE, TVS Motor Company spoke about QC culture and its benefits to the organization. Addressing the participants, he asked them to be curious to learn. He also mentioned that every link in the chain is important. Mentioning that zero defect should be passed from next customer to end customer to ensure that the final customer is happy. He also mentioned that only QCC went into the depth of problem solving with very less investment and focuses on waste elimination.

During valedictory remarks, Mr. Baligar appreciated all the teams for their hard work and emphasized the need for Quality. He urged all the senior Industry members to contribute more and prepare the next generation.

The Juries highlighted the following points-

- Instead of only taking concepts like process flow, rejection & rework new concepts were taken by the participants
- Depth of analysis done were to the point
- Videos of before & after was clearly shown
- Models shown & explanation was very good

- Innovative ideas to improve quality were presented

Winners from the Halls and the teams which qualified for the National finals were presented with Trophies and certificates by the Jury along with Mr. Sadashiva Baligar.

The following teams were adjudicated winners at the competition, who qualified for the National QC scheduled on 13th August 2019 at Sonipat:

Overall Winners:

S.No.	Team Name	Company Name
1 st	Verbena QCC	Sundaram Auto Components Ltd.
2 nd	Trend Setters	Rane TRW Steering Systems Pvt. Ltd., Singaperumal Koil
3 rd	Pragathi	Sansera Engineering Ltd. - (D)

HALL WINNERS -

Blue Hall:

S.No.	Team Name	Company Name
1 st	Verbena QCC	Sundaram Auto Components Ltd.
2 nd	Power of Pentagon	Sundaram - Clayton Ltd., Padi
3 rd	Virat	Toyota Industries Engine India Pvt. Ltd.

Green Hall:

S.No.	Team Name	Company Name
1 st	Trend Setters	Rane TRW Steering Systems Pvt. Ltd., Singaperumal Koil
2 nd	Siddivinayaka	Rane (Madras) Ltd, Mysore
3 rd	Fine Finisher	Delphi - TVS Technologies Ltd.

24th ACMA WR REGIONAL HR FORUM MEETING

ACMA, Western Region, organised 24th edition of HR Forum Meeting on 20th June, 2019 at the Bosch Chassis Systems India Pvt. Ltd. Chakan, Pune. The meeting focussed on Mental Health.



Dr. Nutan Samdani, Academician & Counsellor from Vcan Foundation, was the Guest Speaker for the event. Touching upon, Mental health problems, she elaborate that, mental health is often used as a substitute for mental health conditions such as depression, bipolar disorder, anxiety disorders, stress, attention deficit hyperactivity disorder and many more adversely affect individuals. The effect of mental health issues translates to affect the individual's behaviour at the workplace, family and society at large.

Explaining on further Dr. Nutan mentioned that, Mental illnesses affect 19% of the adult population, 46 per cent of teenagers and 13 per cent of children each year. However, only half of those affected receive treatment, often because of the stigma attached to mental health. To make things a bit clearer, some experts have tried coming up with different terms to explain the difference between 'mental health' and 'mental health conditions'.

The participants appreciated the programme organized by ACMA Western Region.

DAY LONG TRAINING ON '10 GOLDEN RULES OF WAREHOUSE MANAGEMENT'

ACMA, Western Region, organised a day long training session on '10 Golden Rules of Warehouse Management' on 25th June, 2019 in Pune. The training was aimed for senior managers and executives from store, purchase, production planning & control and accounts.



Mr. Vishal Singh, having master degree in production and materials management was the faculty. He covered following topics:

- 1) Warehouse functions in Supply Chain
- 2) Types of warehouse
- 3) Warehouse activities
- 4) Benefits of warehouse
- 5) Costs associated with warehouse
- 6) Framework of warehouse management

He further explained that, the warehouse management plays a vital role in supply chain management of any organization. A well-managed warehouse ensures on- time delivery to customers, keeping storage and transportation cost at optimum level.

The training was highly appreciated by the participants.

LAUNCH & MODULE- I OF SIX SIGMA GREEN BELT CERTIFICATION PROGRAMME

ACMA, Western Region, organized Six Sigma Green Belt Certification Program (Module I) on 8th – 9th July, 2019 in Pune.



Mr. Ram Narayan, from World Class Manufacturing Solutions was the faculty during the program.

The following topics were covered in module I:

- Introduction to improvement methodology in Six Sigma Initiative
- How to select and prioritize improvement projects
- Observation and data analysis
- Identification of suspected sources of variation for the problem
- Introduction to the data based techniques for improving cause(s)

Explaining improvement methodology in Six Sigma Initiative Mr. Narayan mentioned that, there are two types of process improvements; a) problem solving (defect reduction) & b) Process optimization (Cost reduction and cycle time reduction).

He further said that for improvement we need to understand the problem, pin-point the real reasons creating the problem, identify solutions, evaluate and implement, monitor and control the problem.

The program was appreciated by all and feedback received was excellent.

VISIT TO & INTERACTION WITH KRISHNA MARUTI LTD. & SKH Y-TEC

ACMA, Western Region, organized visit & interactive session with Krishna Maruti Ltd. and SKH Y-Tec India Pvt. Ltd., on 10th July, 2019 in Ahmedabad. The objective of the visit was to share and learn from the best practices.



A total of 14 delegates, from nine ACMA member companies participated in the event.

Mr. Manoj Aggarwal, Plant Head, Krishna Maruti Ltd, Plastic Division and Mr. Prosenjit Sircar, Plant Head, Krishna Maruti Ltd.- Plastic Division, led the Krishna team and presented an overview of the Krishna Maruti Group.

KML Seating Division is equipped with cutting-edge technology that includes state-of-the-art sequencing Assembly line, pick-to-light material feeding system, Robotic PU plants, Robotic Welding cells, Cold Metal Transfer weld technology.

The delegates visited the Shop floor comprising of raw material area, manufacturing area with molding and cutting process, assembly, storage and dispatch area. The participants also witnessed the 5 S Corner, safety corner and various Kaizens done at the shop floor.

While at SKH Y-TEC, a joint venture between SKH & Y-TEC Corporation of Japan. The plant supplies critical chassis and suspension assemblies to Suzuki Motors, Gujarat.

During the visit, delegates witnessed the robotic press line, all robotic MIG Welding, paint shop and best in class in house dedicated tool room and utilities set up.

TWO DAY WORKSHOP ON 'EXCEL YOURSELF IN MICROSOFT EXCEL'

ACMA, Western Region, organized two day long workshop on 'Excel Yourself in Microsoft Excel' on 12th to 13th July, 2019 in Pune.

Mr. Akshay Magre, Microsoft Office Specialist was the faculty for the two day workshop.

Maroon Hall:

S.No.	Team Name	Company Name
1 st	PRAGATHI	Sansera Engineering Ltd - (D)
2 nd	IMPACT	Lumax Industries Ltd.
3 rd	PEACOCK QCC	Sundaram - Clayton Ltd, Hosur (S)

3 DAY WORKSHOP ON KARAKURI

ACMA, Southern Region, organised three day long 5th ACMA-Toyota Kirloskar Auto Parts (TKAP) Karakuri workshop on 18th to 20th June, 2019 at facilities of TKAP.



TKAP, agreed to share its knowledge with the membership of ACMA through this training workshop at its facilities. Karakuri is a mechanical system that aims to increase efficiency. The low-cost, power-saving shortcuts that aim to eliminate waste & uneven workflow, while improving safety, quality, productivity and maintenance.

In total 0 delegates from 4 companies joined the Training. ACMA has requested more such training to be conducted jointly with TKAP.

TRAINING IN TAMIL ON HOLISTIC APPROACH TO QUALITY

ACMA (Southern Region) organized a Training in Tamil on Holistic Approach to Quality on July 29, 2019 at ACMA Office.

The faculty for the program was Dr N. Rangaswamy, Director, Institute for Knowledge Potential Management. The programme covered waste elimination as one of the most effective ways to increase the profitability of any business.

Dr. Rangaswamy mentioned that processes either add value or waste to the production of a good or service. 'The seven wastes' is a tool to further categorize "MUDA" and was originally developed by Toyota's Chief Engineer Taiichi Ohno, as the core of the Toyota

Production System, also known as Lean Manufacturing. This concept was dealt with in detail by Dr. Rangaswamy.

The Faculty also emphasized that to eliminate Quality, it is important to understand Quality.

The program was attended by 15 delegates from 6 companies. Feedback received from the participants was encouraging.

WESTERN REGION

TWO DAY WORKSHOP ON 'FAILSAFING'

ACMA, Western Region, organized two day long workshop on 'Failsafing' on 6th & 7th June, 2019 at ACMA Office, Pune. The workshop was aimed for quality engineers and managers, production line managers and supervisors, Process Engineers and managers and Support and service professionals.



Mr. B.K. Bose, CEO & Chief Consultant of AND Consultants was the faculty.

Explaining the "FAILSAFING" Mr. Bose mentioned , failsafing in many forms, has been part of our everyday lives, knowingly or unknowingly, for many years Failsafing' is something like protecting ourselves against some foreseen or unforeseen failure in the activity or process we are engaged in. Child lock on automobiles, Wash basin sensor to stop water wastage due to an open tap etc. are the best examples , Mr. Bose added.

Mr. Bose further explained Failsafing is also known by many names such as 'Poka-Yoke', 'Mistake proofing', 'Fool proofing'(no longer used) 'Failsafing' can be Designed-In , planned In-Process or act as a Detection. 'Failsafing' today is extensively used in the automotive and other engineering industries. It is today being widely deployed in

the service industry as well.

The key content that was covered during the workshop include:

- Methods and techniques of preventing defects from occurring or detecting them prior to defects reaching the customer.
- Various types of Failsafing approaches, the strategies to be adopted, the steps for implementation and benefits of Failsafing.
- Failsafing devices used in manufacturing through several examples and case studies. We will also discuss how to organize for Failsafing in your organization.
- Natural or Common-Cause Variation
- Special Cause Variation or Assignable-Cause Variation

Participants appreciated ACMA initiatives and feedback was encouraging.

5th ZONAL QUALITY CIRCLE COMPETITION IN GUJARAT ZONE

ACMA, Western Region, organized 5th edition of 'Zonal Quality Circle Competition' in Gujarat Zone on 15th June, 2019 in Ahmedabad. The competition saw 16 case study presentations on problem solving and improvements carried by ACMA member companies in Gujarat.



The eminent panel of jury included Mr. Ashish Bhatt- Manager, Vehicle Incoming Quality, Ford India and Mr. Pankoj K

Bhattacharyya- DGM & Head, Central Maintenance Services, Tata Motors.



In his inaugural address The Chief Guest Mr. Anil Patel, Site Plant Manager, Sanand Vehicle Assembly & Engine Plant, Ford India Pvt. Ltd., Sanand said today manufacturing industry demands supplying zero defect product to customers. Hence the focus should be on first time through (FTT). Quality should be integrated into the process from the beginning, rather than solving problems at a later stage.

Following companies participated in the competition; Asahi India Glass Ltd., Brakes India Pvt. Ltd., Endurance Technologies Ltd., Faurecia Automotive Seating India Pvt. Ltd., Flometallic India Pvt. Ltd., Krishna Maruti Ltd., Lumax Industries Ltd., Magna Automotive India Pvt. Ltd., Mahle Anand Thermal System Pvt. Ltd., Mindarika Pvt. Ltd., New Swan Enterprises, Polyplastics Industries India Pvt. Ltd., Subros Ltd., Supreme Treon Pvt Ltd., Tata Autocomp Systems Ltd-IPD and Yazaki India Pvt. Ltd.

The following were declared winners.

Top Three Winners:

Position	Team Name	Company Name
1 st	Aavishkar	Yazaki India Pvt. Ltd., Bhayala
2 nd	Trend Setter	Supreme Treon Pvt. Ltd. Sanand Plant 2
3 rd	Sankalp	Krishna Maruti Ltd. - Seat Division Ahmedabad

Runner-Up:

Position	Team Name	Company Name
1 st	Marval	Magna Automotive India Pvt. Ltd., Sanand
2 nd	Curiosity	Flometallic India Pvt. Ltd., Jhagadia
3 rd	Sparkle	Lumax Industries Ltd., Sanand



The topics covered included:

- Working with Advance Charts Column
- Working with Advanced Functions
- Advance formulae (text & numeric)
- Creating and Working with Pivot Tables
- Enhancing Pivot Tables
- Creating VLOOKUP functions
- Protection and security
- Data Validation

The workshop was conducted through discussions, based on feedback, the participants got better understanding/learning of the covered topics.

The training program was highly appreciated.

14th ANNUAL REGIONAL QC COMPETITION

ACMA, Western Region, organised the highly coveted 14th edition of Annual Regional Quality Circle Competition on 17th July, 2019 in Pune.

Surpassing all previous records, the 14th edition of QC Competition saw participation from record 88 teams, who made the presentation at the competition. To accommodate such a large number of teams, the competition was organized in four parallel streams with four sets of eminent jury members from the OEMs.



Congratulating ACMA and winners at the valedictory ceremony, the Chief Guest Mr. Sunil Deshmukh, Head – Regional Sourcing India, Volkswagen India Private Ltd. said “The platform created by ACMA is amazing, it has created an opportunity to showcase experience and capability.

The eminent panel of Jury included:

- Mr. Amit Raval, Plant Quality Manager, Case New Holland
- Mr. Ameet Kavaiya, Process Quality Manager, Case New Holland
- Mr. Manikandan Sankaranarayanan, Head of Supplier Quality, Fiat India Automobiles Private
- Mr. Vaibhav Laad, DGM – Quality, General Motors

- Mr. Ravindra Borawake, Senior Manager (Plant Engg. Dept.), Mahindra & Mahindra Ltd. Pune
- Mr. Sharad Prabhudesai, Head, KAIZEN CVBU, Tata Motors
- Mr. Kiran Divate, Sr. Manger – Quality Operations Assembly , Quality Assurance, Volkswagen India

The following teams were announced as winners:

Top Three:

Position	Team Name	Company Name
1 st	Significant Feature	Watson & Chalin India Pvt. Ltd., Pune
2 nd	Achievers	Lumax Auto Technologies Ltd., Pune
3 rd	Aavishkar	Yazaki India Pvt. Ltd., Bhayla

Runner Up:

Position	Team Name	Company Name
1 st	Veerangana	Lucas TVS Ltd., Pune
2 nd	Agni	Varroc Engineering Ltd., Chakan
3 rd	Mission	Minda Industries Ltd., (Switch Div), Pune

2nd Runner Up:

Position	Team Name	Company Name
1 st	Pragati	Gabriel India Ltd., Nashik
2 nd	Timwood	Supreme Treon Pvt. Ltd., Shirur Pune
3 rd	Everybody Can Do (EBCD)	Mubea Automotive Components India Pvt. Ltd., Pune

Best Presentation: Companies presenting first time:

Position	Team Name	Company Name
1 st	Hanon Waves	Hanon Automotive Systems India Pvt. Ltd., Pune
2 nd	RPAL - Ring Forming	Ring Plus Aqua Ltd., Nashik
3 rd	Champion	Huf India Pvt. Ltd., Pune

Best Presentation under Cost reduction:

Position	Team Name	Company Name
1 st	Sparkle	Lumax Industries Ltd., Sanand
2 nd	Star	Wheels India Ltd., Pune
3 rd	Schaeffler Multipliers	Schaeffler India Limited, Pune

Best Presentation under Facility Improvement:

Position	Team Name	Company Name
1 st	Champions	Kores (India) Ltd., Foundry Division., Pune
2 nd	Dadra Daredevils	Abhijit Industries Pvt. Ltd., (Abhijit Industries), Dadra
3 rd	Sailor	Cummins Technologies India Pvt. Ltd., (Recon DTA), Phaltan

Best Presentation under Productivity Improvement:

Position	Team Name	Company Name
1 st	Abhang	Bharat Gas Ltd., Mumbra
2 nd	Elite	Watson & Chalin India Pvt. Ltd., Pune
3 rd	Dhrona	Varroc Engineering Ltd. - Plant VI, Pune

Best Presentation under Safety:

Position	Team Name	Company Name
1 st	Arms of Innovation	Bosch Chassis Systems India Pvt. Ltd., Pune
2 nd	The Achievers	AAM India Manufacturing Corp. India Pvt. Ltd., Ahmednagar
3 rd	Vision Safety	Shriram Foundry Private Limited, Kolhapur



ACMA
Automotive Component Manufacturers Association of India

HR Conclave

Preparing the Industry for Next Generation Mobility

23rd July 2019

New Delhi

Preparing the Industry for Next Generation Mobility

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HR & IR



ACMA HR CONCLAVE: Preparing The Industry For Next Generation Mobility

ACMA, Northern Region, Human Resource Forum, organized HR Conclave on 'Preparing the industry for next generation mobility' on 23rd July, 2019 in New Delhi.

Mr. C V Raman, Sr. Executive Director (Engg, Quality & Supply Chain), Maruti Suzuki India Ltd. Was the Chief Guest of the conclave. Various session during the event was addressed by leading faces from the industry like;

Attracting New Talent in the Automotive Sector

- Mr. Praveen Paranjape, Senior Vice President and Director, Honda Cars India Ltd.
- Mr. Rajiv Sahdev, Group CHRO, JBM Group
- Mr. Arunachalam Karthikeyan, Head, iMove – India
- Mr. Rajeev Bhattacharya, Advisor, Sandhar Technologies Ltd.

Skilling & Upgrading the Existing Workforce to stay relevant

- Mr. Harbhajan Singh, Director - General & Corporate Affairs; Honda Motorcycle and Scooter India Pvt. Ltd.
- Prof Randhir Singh Rathore, Dean Academics, Shri Vishwakarma Skill University
- Mr. Nikunj Sanghi, Chairman, Automotive Skills Development Council
- Ms. Pritanjali Nag, Founder, Kiki Centre For Technology

Relevance of IQ & EQ in Managing Change (Theory & Practical)



- Mr. Swadesh Chakrabarty, Founder, Life Energy Learning Systems

Conclusively, the conclave emphasised that, automotive industry in India and the world in general is undergoing rapid disruptive changes. On one hand, the automotive industry in India is facing challenges of implementing several new regulatory norms such as BS-VI and newer safety norms. On the other the government is keen to usher in electric mobility.

According to the Automotive Mission Plan of the Government of



Considering the huge growth potential of the Indian auto industry and to ensure that industry manages the disruptive changes well. It is urgent to update the existing skill of the employees and to attract new talent to stay relevant.

India, the auto industry is expected to contribute 12 per cent of India's GDP by 2026 and thus creating at least 65 million jobs.

4 STRATEGIC PARTNERSHIP

AWARENESS WORKSHOP ON 'ACMA CAPITAL RAISE': FACILITATION PLATFORM FOR RAISING CAPITAL FOR SMALL/ MID-SIZED COMPANIES

ACMA, in a first-of-its-kind initiative organised, region specific workshops in New Delhi, Pune and Chennai on 28th May to 3rd June, 2019 respectively. The workshop was themed on 'Capital Raise: Facilitating Platform for Raising Capital for Small/Mid-sized companies.

The initiative would enable small/mid-sized companies in attracting inward investments. ACMA engaged Price Waterhouse Coopers (PwC), the renowned international consultants, to help and guide small & mid-sized companies in preparing to make investment pitch(s) and subsequently meet up directly with potential investors, for purposes of raising capital.

The program included, interaction with knowledge partner PwC on the Capital Raise program. Case study presentation by Sandhar Technologies in New Delhi, RSB Transmissions in Pune and Bill Forge in Chennai, who made detailed presentations on their successful fund raising.

Members applauded the efforts made by ACMA in conducting unique program for its membership.

- **Workshop in New Delhi: 28th May, 2019**



Sharing his suggestions on developing the automotive cluster, Mr. Mehta suggested to invite investor who are scouting for new manufacturing locations in the country and the south in particular.

Speaking of the State's policy, which is considered to be the best in the country. He suggested, what investors look for is welcoming policy regime, which are consistent and designed with long term perspective. This makes the State investor friendly and helps in enhancing ease of doing business.

ACMA, as part of its MoU with the State, has also invited the State to be the State Partner for the 2020 edition of Auto Expo, to be held in Delhi.

- **Workshop in Pune: 30th May, 2019**



- **Workshop in Chennai: 3rd June, 2019**





FUTURE READY INITIATIVES:

ACoE:

WORKSHOPS AT ACMA 'CENTRE OF EXCELLENCE' (ACOE)

ACMA, Centre of Excellence (ACoE), conducted three-day-long workshop on Mechatronics (Factory Automation) from 27th to 29th June, 2019 at the Sonipat IIT Delhi satellite centre. The workshop focused on application of mechatronics in automation that meets the current needs of industries.

ACoE, which is situated amidst Rajiv Gandhi Education City (IITD) (ITECH TECHNO PARK) Sonipat, imparts world class Technical & Behavioural skills enabling automobile industries to provide best in class quality to their customer along with creating a safe and productive work environment.

So far the centre has successfully trained 80 companies, since its inaugural and would celebrate its first anniversary on 31st July, 2019. The inauguration was done by lighting of lamp by chief guest, Mr. H.K. Sharma – Plant Head – Metalman Micro Turner (Dharuhera), Mr. Dinesh Vedpathak – Head Pillar-3 (Skilling and Mentoring), ACMA, Mr. Ashok Kumar Verma, GM, Minda Group and Mr. Aneesh Kakkar, DGM- Minda Groups.

The workshop kicked off with pre-test, course book study, exercise materials, worksheet analysis and Q&A sessions as well as numerous lab exercises & group projects activities.

MECHATRONICS WORKSHOP GLIMPSE



WORKSHOPS AT ACMA 'CENTRE OF EXCELLENCE' (ACoE)

ACMA, Centre of Excellence (ACoE), conducted two-day-long workshop on 'Workplace Safety' from 3rd to 4th July, 2019 at ACoE's Sonipat, IITD Centre. The workshop helped participants in developing a conceptual clarity on safety management system, proactive identification of potential safety concern in workplace and develop traits to conduct self-audits.

Program was inaugurated by the ACMA's DuPONT trained Mr. Dinesh Rana along with participants from various ACMA member & Non-Member companies.

The session was equipped with various real-life scenarios discussion, Q&A session, field inspections, role plays, worksheets exercises and movie based illustrations.

Glimpses of the Workshop -



MEMBERS ROOM

NORTHERN REGION Ordinary Membership

Oswal Castings Private Limited
Plot No. 21-22-23, Sector-25,
Faridabad-121004, Haryana
SSI/Large & Medium/Etc.: Medium
Products Manufactured: Aluminium die casting parts.
Certification to ISO 9000 & QS 9000:
ISO 14001 by ASR
IATF 16949 by ASR
OHSAS 18001

EL-Chico Clutch Pvt. Ltd.
Plot # 252, Sector-24,
Faridabad-121005
Haryana
SSI/Large & Medium/Etc.: Medium
Products Manufactured: Clutches, Cover Assy's,
Flywheel, UJ Cross, Tractor Clutches & Assy's.
Certification to ISO 9000 & QS 9000:
ISO 9001:2015 by URS
IATF 16949:2016 by URS

Celestial Industries Pvt. Ltd.
Rajinder House BQ-13,
Shalimar Bagh (West),
Delhi - 110088
SSI/Large & Medium/Etc.: Medium
Products Manufactured: Manufacturing of Injection
Molded, Decorative- Electroplated &
Painted Plastic Automotive Components and
Assemblies, Emblems Grills, Garnishes Wheel Rim
Covers, Wheel Caps, Door Handles, Warning Triangles,
Molding Tools & Dies.
Certification to ISO 9000 & QS 9000: IATF
16949:2016 by ASR

Nifco India Pvt. Ltd.
Plot No-122, S5Sec-8, IMT Manesar,
Gurugram-122050, Haryana
SSI/Large & Medium/Etc.: Large
Products Manufactured: Plastic Injection Moulded
Component
Certification to ISO 9000 & QS 9000:
IATF 16949:2016 by DNV-GL
ISO 14001:2015 by DNV-GL
OHSAS 18001:2007 by DNV-GL

Moonlight Auto Pvt. Ltd.
C-102/105, Phase-V,
Focal Point, Ludhiana-141010
Punjab
SSI/Large & Medium/Etc.: SSI
Products Manufactured: Jack/Pedal Assembly, Sheet
Metal Components, And Pedal Assembly.
Certification to ISO 9000 & QS 9000:
ISO 9001:2015 by Quality Austria
IATF 16949:2016 by Quality Austria
OHSAS 18001:2007 by Quality Austria

S.M. International
22/3, Moti Lal Nehru Road,
Agra-282004
SSI/Large & Medium/Etc.: SSI
Products Manufactured: Rubber based components

**Toyotsu Ambika Automotive Safety Components
India Pvt. Ltd.**
Industrial Plot No. 35, Sector-6,
Industrial Estate IMT-Manesar,
Gurugram, Haryana - 122050
SSI/Large & Medium/Etc.: Medium
Products Manufactured: Air Bag Cushion
Certification to ISO 9000 & QS 9000:
IATF 16949 by TUV

Arun Associate
D-25, Sector A-2, Trans Delhi
Signature City,
Tronica City, Loni, Ghaziabad,
Uttar Pradesh - 201102
SSI/Large & Medium/Etc.: SSI
Products Manufactured: Automobile Filters
Certification to ISO 9000 & QS 9000:
ISO 9001:2015 by URS

Enco Engineering Combine P Ltd
GP 75, Maruti Industrial Area,
Sec-18, Gurgaon - 122015
SSI/Large & Medium/Etc.: Medium
Products Manufactured: BIW, Assembly Coated, Engine
Moulding Brackets, Brake Parts, Suspension.
Certification to ISO 9000 & QS 9000:
IATF 16949 by Vincotte
ISO 45000 by IQ Net
ISO 14001 by IQ Net

National Piston Rings (India)
11B/93, Nagla Kishan Lal,
Hathras Road, Agra - 282006
Uttar Pradesh
SSI/Large & Medium/Etc.: SSI
Products Manufactured: Piston Rings
Certification to ISO 9000 & QS 9000:
ISO 9001:2015 by BSCIC
Certifications Pvt. Ltd.

ARN Sealing Components
94/5, B-Block, Baba Colony,
Burari, Delhi-110084
SSI/Large & Medium/Etc.: SSI
Products Manufactured: Engine Gaskets

NORTHERN REGION Associate Membership

Marshall Machines Limited
C-86, Phase-V, Focal Point,
Ludhiana (Punjab) - 141010
Product / Services: CNC Machines, Tools &
Automations.
Certification to ISO 9000 & QS 9000:
ISO 9001:2015 by Intertek Certification Ltd.

SLR Metaliks Limited
V-31/1, DLF Phase - III,
Gurgaon-122022 (Haryana)
Products Manufactured: Manufacturing of Bilet, Bloom,
Rounds, RCS, Wire Road,
Flats in Alloy & Non Alloy Steel.
Certification to ISO 9000 & QS 9000:
ISO 9001:2015 by BSI Group India P Ltd
IATF 16949:2016 by BSI Group India P Ltd
OHSAS ISO 18001:2007 by
BSI Group India P Ltd
SO 14001:2015 by BSI Group India P Ltd

WESTERN REGION Ordinary Membership

CG Power and Industrial Solutions Limited
A-6/2, MIDC Industrial Area,
Ahmednagar - 414111
SSI/Large & Medium/Etc.: Large
Products Manufactured: Traction Motors
Certification to ISO 9000 & QS 9000: ISO 9001:2015 by
Bureau Veritas Certification
ISO 14001:2015 by Bureau Veritas Certification
BS OHSAS 18001:2007 by Bureau Veritas Certification

Excel Controlinkage Private Limited
W68(B), MIDC Industrial Area,
Hingna Road, Nagpur-440016
Maharashtra
SSI/Large & Medium/Etc.: Large
Products Manufactured: Cable & Lever Assembly
Certification to ISO 9000 & QS 9000:
IATF 16949 by DNV-GL

Rucha Engineers Pvt. Ltd.
K-249, MIDC Area, Waluj,
Aurangabad - 431136
SSI/Large & Medium/Etc.: Medium
Products Manufactured: Chassis, Silencer, BIW & Engine
Parts, Fuel Tank, Jacks.
Certification to ISO 9000 & QS 9000:
ISO 14001:2015 by Vincotte India
IATF 16949:2015 by BSI Group
OHSAS 18001:2007 by Vincotte India

Prospect Engineering Works
Plot No. 3, Survey No. 44, Opp. Abhilasha Estate,
Near Burmashell Petrol Pump, Vasai East - 401208
SSI/Large & Medium/Etc.: SSI
Products Manufactured: Manufacturing of all MS & SS
clamps
Certification to ISO 9000 & QS 9000:
IATF 16949 by TUV SUD Management
BH OHSAS 18001:2007 by DAS Certification
ISO 14001:2015 by DAS Certification

Shantdeep Metals Pvt. Ltd.
K-79, MIDC, Waluj,
Aurangabad - 431008
Maharashtra
SSI/Large & Medium/Etc.: Medium
Products Manufactured: Multi Axle Shafts, Transmission
Gears, Differential Gears.
Certification to ISO 9000 & QS 9000:
IATF 16949:2016 by TUV NORD
ISO 9001:2015 by TUV NORD

SOUTHERN REGION Ordinary Membership

Advance Cable Technologies Pvt. Ltd.
SW 32 & 33 (P1), AP II Phase, Kasba Hobli,
Doddaballapur, Industrial Area,
Doddaballapur-561203, Bangalore
SSI/Large & Medium/Etc.: Medium
Products Manufactured: Automotive Cabels
Certification to ISO 9000 & QS 9000:
ISO 9001:2015 by UL DQS Inc



TO ALL NEW MEMBERS



AUTONEWS

Edited & Published by the Director General, Automotive Component Manufacturers Association of India
The Capital Court, 6th Floor, Olof Palme Marg, Munirka, New Delhi - 110067 | Design by Ashes Design Studio, 9999114295