

ACMA

Automotive Component Manufacturers Association of India

February - March 2020

AUTONEWS

Vol 12 No 83



ACMA

Automotive Component
Manufacturers Association of India

CII

Confederation of Indian Industry
Business and Beyond
125 Years: 1895-2020

SIAM

Society of Indian
Automobile Manufacturers

15th AUTO EXPO 2020
COMPONENTS

15th AUTO EXPO 2020

COMPONENTS

6-9 FEBRUARY 2020

Pragati Maidan, New Delhi, India

inside:
Glimpse of

**AUTOEXPO
2020**

FIND US ON



ACMA India



facebook.com/
india.acma



@ACMAIndia



48
mph

Self-Driving





EDITORS'S NOTE

Dear Readers,
in this issue we bring to you a comprehensive coverage of the 15th Auto Expo-2020 Components. The event, in the backdrop of the downturn of the automotive industry, was a harbinger of hope. It witnessed many firsts, a never before participation by component manufacturers, several new product launches and the highest numbers of footfalls ever.

The Expo was organised jointly by Automotive Component Manufacturers Association of India (ACMA), Confederation of Indian Industry (CII) and Society of Indian Automobile Manufacturers (SIAM), from 6th to 9th February 2020 at Pragati Maidan, New Delhi. Over 1,500 companies, of which 200 were international exhibitors from 20 countries, participated in the event.

With 'Technovation: Discover Innovations for Future', as its theme, the event was a 4-days of extravaganza of technological prowess and capabilities of the auto component industry. Further, top leadership from most OEMs and IPOs showed active interest in the products and technologies displayed at the expo.

To set the tone of the 15th Auto Expo - Components, ACMA, organised a CEOs' Roundtable Meet themed 'Global Trends Impacting the Indian Automotive Industry' on 4th February, 2020 in New Delhi. The meet was a congregation of automotive leaders from ACMA's counterparts in USA, Europe, Germany, Japan, Brazil and UK. They shared their perspective on the dynamics of industry in their countries and what the future beholds for it.

We are pleased to bring to you this special edition of our Auto News dedicated to the huge success of the Auto Expo Components Show 2020. I hope you will enjoy reading the details about this grand event.

Vinnie Mehta
Director General, ACMA
dg@acma.in

CONTENTS

AWARENESS SESSION E-INVOICING, E-WAY BILL AND NEW GST RETURNS

1 BUSINESS DEVELOPMENT

- 05 Technological Extravaganza at Galore in Auto Expo 2020 Components
- 10 CEOs' Roundtable Meet - Global Trends Impacting the Indian Automotive Industry
- 11 Technovation Pavilion - EV, Innovation and Start-Ups
- 12 Region-Wise Activities

2 GOVERNMENT ADVOCACY/ REGULATIONS/ RESEARCH

- 13 Awareness Session E-Invoicing, E-Way Bill and New GST Returns

3 EDUCATION/SKILLING/ TRAINING MENTORSHIP

- 14 Region-Wise Activities

5 FUTURE READY INITIATIVES

- 26 YBLF (Young Business Leaders Forum)

NO 83 / FEBRUARY-MARCH, 2020

ACMA AUTONEWS

Editor: Vinnie Mehta, Director General, ACMA |
Associate Editor: Upender Singh, Dy Director, ACMA

Editorial Delhi Office:
Automotive Component Manufacturers Association of India,
The Capital Court, 6th Floor, Olof Palme Marg, Munirka,
New Delhi - 110 067
For Advertisement enquiries, contact Upendra Singh,
upendra.singh@acma.in | 9990125916

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





1

BUSINESS DEVELOPMENT



NORTHERN REGION

TECHNOLOGICAL EXTRAVAGANZA AT GALORE IN AUTO EXPO 2020 COMPONENTS

- 400 companies launched 1200 new products
- The four-day expo witnessed record footfall of over 1.15 lakh visitors
- Leading OEMs like Maruti, Tata, Kia Motors, Ashok Leyland marked their presence at Auto Expo: 2020 Components
- Start-ups, EV component players alongside traditional component manufacturers demonstrate tech capabilities

The 15th edition of Auto Expo 2020 Components organised jointly by Automotive Component Manufacturers Association of India (ACMA), Confederation of Indian Industry (CII) and Society of Indian Automobile Manufacturers (SIAM), was held from 6th to 9th February, 2020 at Pragati Maidan in New Delhi. The Auto Expo 2020 – Components saw over 1,500 companies exhibiting their latest products & solutions, of which 200 are international exhibitors from over 20 countries. There are pavilions dedicated for countries like Japan, South Korea, UK, Germany, Turkey and Canada at the expo.

The four-day trade show witnessed the presence of Ministers like Shri Arjun Ram Meghwal, Union Minister of State, Heavy Industries & Public Enterprises and Parliamentary Affairs, Shri Goutham Reddy, Minister for Industries & Commerce and Information Technology, Government of Andhra Pradesh and Senior Government officials like Shri Arun Goel, Secretary, Department of Heavy Industries, Ministry of Heavy Industries & Public Enterprises. In addition top representatives from Maruti, Tata Motors, Kia Motors, Ashok Leyland and various others also came to experience the advancements in the auto component sector.

Expressing satisfaction on the success of the Show, **Mr. Deepak Jain, President, ACMA** said, "It is indeed a pleasure to have organised such an extravagant show, the confidence shown by component industry and the trade visitors alike is reassuring. The show truly reflects the confidence in the Indian auto component industry and its readiness for the future of mobility. It is noteworthy that the exhibitors displayed world class, generation next products, which is conforming with the theme 'Technovation'. The show also portrays the capability and the willingness of the Component industries in India to align itself with the Government's vision of making India a USD 5 trillion-dollar economy by 2025, of which Auto component industries contribution will be USD 250 billion."

Speaking at event, **Vipin Sondhi, Chairman CII, Trade Fair**

Council and MD and CEO, Ashok Leyland, said "I want to congratulate ACMA, SIAM and CII for organizing a world class exhibition in a phase which is going through a disruption and discontinuities. The footfall at the exhibition itself is resounding proof of confidence in the component industries. The display of innovative & advanced technologies, EV components and emphasis on import substitution for electric vehicles is of a great importance. It holds key to the future of mobility, as well as promise to become successful internationally."

Another key aspect of the expo was that around 400 companies launched over 1200 new products, which exhibits component industry preparedness to support the transformation in automotive space. It also underlines their focus on R&D & innovations. With over 1500 exhibitors and 1.15 lakh visitors, the 15th edition of the Auto Expo 2020 Components stays as the biggest auto component expo held till date.

The expo themed 'Technovation - Discover Innovations for Future' reflected the potential of Indian Auto Component Industry to adopt the latest advancements in BSVI & Emissions, EVs, Safety, and e-mobility. There were 16 companies participated in the Technovation pavilion, out of which around 10 companies showcased latest electric vehicles components like Lithium Battery Packs & Chargers, Power-train components and software application etc. The pavilion also had 8 Start-up who showcased their innovative products and solution across segments for the very first time.

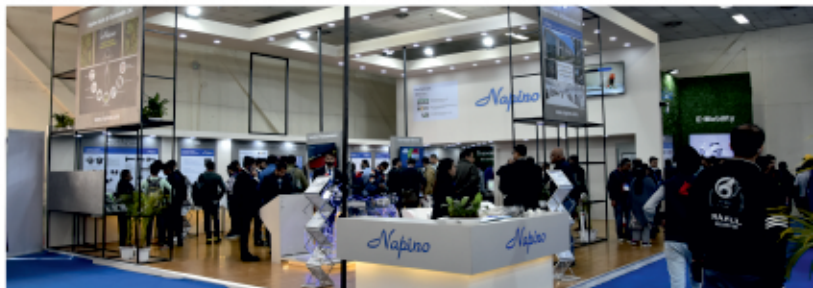
Glimpse of AutoExpo Component Show 2020



Association of India

125 Years: 1895-2020











CEOs' ROUNDTABLE MEET - GLOBAL TRENDS IMPACTING THE INDIAN AUTOMOTIVE INDUSTRY

ACMA, organised CEOs' Roundtable Meet themed 'Global Trends Impacting the Indian Automotive Industry' on 4th February, 2020 in New Delhi. The conference was aimed at encouraging business models across the industry from OEs to Auto component Manufacturers and Automotive Dealers to relook the way they currently operate, assess their level of preparedness to face disruption & build capabilities in order to stay relevant and competitive.

Leaders of similar Associations from USA, Europe, Germany, Japan, Brazil and UK graced the roundtable meet. They shared their perspective on the dynamics of industry in their countries and what the future beholds for the industry globally.

CEO of NITI Aayog Mr. Amitabh Kant, was the Chief Guest of the Event. He urged the industry to not only be ready for the inevitable disruption but also work towards being a global supplier of electric vehicle components. He on behalf of NITI Aayog assured the full support to ACMA in handholding suppliers to move towards this disruption.

During the meet interactive sessions were held on 'Market Trends & Outlook' which provided a perspective on Automotive markets in North America, South East Asia, Europe, Brazil. It was followed by a session on 'Trade & Technology Disruptions' which shed light on the US-China Trade War, Brexit, Mobility 2.0 in a V2X World and Aftermarket adapting to technology disruption.

The meet witnessed participation from over 150 delegates and garnered positive feedback from members with over 70% participants rating the program as excellent.



ACMA SME TECHNOLOGY PARTNERSHIP MEET 2020

ACMA, organised SME Technology Partnership Meet on 7th February, 2020 coinciding with 15th Auto Expo 2020. This event provided an opportunity for the visiting international delegation to collaborate with the Indian Auto Component Industry for JV/ TA/ Partnership on Auto-electronics, vehicle safety, infotainment, emission control, anti-collision intelligence etc. as well as for EV components.

The meet was inaugurated by Mr. Sunjay Kapur, Vice President, ACMA. A presentation was made by Frost & Sullivan on the Indian Automotive Industry followed by a perspective on India Japan

Partnership by JETRO and a perspective on India Spanish Partnership by Indversis Management Consulting.

Chief Guest Mr. C S Kim, Global Purchasing Head, Hyundai Motors Ltd. also made a presentation on Hyundai/ Kia's global sourcing strategy.

The partnership meet witnessed participation by 21 international companies from 13 countries and over 50 Indian delegates. Over 80 pre-fixed meetings were held with support of software where the international delegates and Indian companies chose to meet on their interests.

The overall response from the International delegates and Indian companies stayed positive with fruitful engagements.

TECHNOVATION PAVILION - EV, INNOVATION AND START-UPS

ACMA, in its effort to promote localization of EV Components, put a special display showcasing EV, Innovation and Startups at a dedicated 'Technovation pavilion' at the Auto Expo Components 2020 held from 6th to 9th February, 2020.



The pavilion was inaugurated by Hon'ble Minister of State Mr. Arjun Ram Meghwal, Mr. Pravin Agarwal, Joint Secretary, Ministry of Heavy Industries; Mr. Deepak Jain, President, ACMA and Mr. Vinnie Mehta, DG, ACMA. A compendium was also released about xEV Component manufacturers, having details of around 45 companies who are manufacturing xEV Components in India. Ministry of Heavy industries appreciated the effort by the association.



A total of Sixteen companies showcased components & services like (Cables & Cable harnessing; Software for charging; Electric Vehicle Powertrain Components like BMS, Motor Drives, Chargers, Telematics Modules; Lithium Battery Packs; IoT- EMobility Technology Platform; OBC DC- DC Converter, PDU, VCU &

Chargers; Web Design; Lightweight trims, Acoustic insulations for EV; 3D Printed components; App Based - Financing SMEs using Digital Data and distribution; Industrial IoT Platform; Digital Audit, TPM and Employee Engagement; Organic LED - Digital Speedometer & navigation systems; Smart Factories & Industry 4.0 etc). The pavilion provided a platform to many Start-ups to represent their product. The themed pavilion received excellent response from the OEMs, Tier -1 & 2, overseas customers etc. From OEMs Maruti, Mahindra, Tata, Renault, PSA, Piaggio, MG Motors, Skoda, JBM, Olectra, to name a few; some EV 2W manufacturers, Tier -1s also visited the pavilion.

Excellent feedback was received from the exhibitors and was appreciated by all.





WESTERN REGION

INTERACTIVE SESSION WITH MR. R. VEERARAGHAVAN

ACMA, Western Region, in its efforts to promote business development activities, organized Interactive session with Mr. R. Veeraraghavan, Head - Strategic Sourcing Unit, Mahindra & Mahindra Ltd., on 5th March, 2020.

Welcoming the guests and the audience Mr. Piyush Tamboli, Chairman, WR, ACMA & Chairman & Managing Director, Investment & Precision Castings Ltd. said "The objective of the interaction is to provide an opportunity to the membership and the entire community of component manufacturer, is to understand and learn the key indicators that are going to dominate the industry in the years to come.

Addressing the participants, Mr. Deepak Jain, President, ACMA and Chairman & Managing Director, Lumax Industries Ltd. said ACMA community do not engage with the customers only for business, it's beyond business. Our association with Mahindra's is very long and we shall continue to support each other for the time to come.

During the interaction Mr. Veeraraghavan, said the industry is passing through very tough time. In the current competitive world the technology will play a key role to survive. Speaking on localization "Mahindra always looks for localization, wherever possible. Quality, technology & competitive cost is key for localization" he added.





Apart from Mr. Veeraraghavan, following team members also joined the interaction:

1. Mr. Ritesh Agrawal (Sr. GM – Trims & Polymer, MIS & Budgeting)
2. Mr. Pankaj Shah (Sr. GM – Engine Proprietary)
3. Mr. Mahendra Apte (GM – Vehicle Proprietary & FOS)
4. Mr. Rahul Chemburkar (GM – Trims & Polymer)

The highly successful event witnessed the participation by over 50 CEOs from ACMA member companies.



AWARENESS SESSION E-INVOICING, E-WAY BILL AND NEW GST RETURNS

ACMA, Western Region jointly with Digital Sub-pillar 2, organised 'Awareness session on E-Invoicing, E-Way Bill & New GST returns' on 9th March, 2020 in Pune. The session was held after newly introduced system of E-invoicing. These notifications reaffirms the Government's intention to implement the E-invoicing system. This is likely to disrupt the auto manufacturing business (including others).

The session was conducted by Mr. Amit Agarwal, Director- Tax and Regulatory, E & Y.

Mr. Amit Agarwal, Director- Tax and Regulatory, E&Y explained in depth about all Govt. Notifications in respect of E-Invoicing, E-Way Bill and New GST returns and its impact .

In addition to the awareness session on E-Invoicing, E-Way Bill and New GST returns experts from IBM were also invited to present about auto DX (EDI) – the common business document exchange platform.

Mr. Joseph Sundar, senior business manager, IBM presented the overview of auto-Dx (EDI), a common business document exchange platform and explained its benefits for the audience.

He explained that auto-Dx is a data exchange platform for Indian Auto Industry. auto-Dx is a cloud platform for exchanging data and has been developed by IBM in a collaborative partnership with industry bodies like Society of Indian Automobile Manufacturers (SIAM) and Automotive Components Manufacturers Association (ACMA).





EASTERN REGION

MEMBERS' INTERACTION & INTERACTIVE SESSION WITH WADHWANI FOUNDATION

ACMA, Eastern Region, organized a members' interaction & interactive session with Wadhvani foundation on 14th February, 2020 at the Centre for excellence in Jamshedpur.

Mr. Sanjay Sabharwal, Chairman ACMA (ER), Mr. Ranjot Singh, Dy. Chairman, ACMA (ER), Mr. Killol Kamani, Immediate Past Chairman, ACMA (ER), along with Ms. Barsha Chatterjee, Director, Wadhvani Foundation and Mr. Navneet Gautam, Principal Advisor at Gautam Manthan, were present during the interaction.



Mr. Sanjay Sabherwal, extended a warm welcome to all members present and emphasized that the downturn is the best time to grow. Citing an example of Motherson Sumi, he established that to grow big, one has to have belief in oneself and must have the requisite skill sets.



Mr. Singh, while welcoming the members explained the importance of interaction between ACMA members and Wadhvani Foundation. He introduced Ms. Barsha Chatterjee and Mr. Navneet Gautam to the audience and further explained how the interaction would be beneficial for the MSME of the region. He also gave a brief background and spoke about the Foundation's program & its advantages.

Ms. Barsha Chatterjee, in her presentation talked about Dr. Romesh Wadhvani, the founder of the foundation and shared the vision of the foundation is to create a largescale job ecosystem. There should be a desire and potential to grow in the company and that's the only criteria to choose a company. Anybody could download the Wadhvani advantages app from Google or Play store and fill the questions, she informed.

While, Mr. Navneet Gautam, talked about the benefits of being a network partners, capital investors and customers. He emphasized the aim of the foundation and spoke about how the Foundation has been instrumental in setting up the processes and creating framework for the companies attached to the foundation.

During the member's interaction, Mr. Sabharwal talked about the state of the industry and the road map to follow. He spoke in detail about; Auto Industry on growth path, The size of the market and the importance and timing to train the workforce.

In total 14 MDs attended the session. Both Chairman and the Co-chairman proposed vote of thanks and the program culminated with Hi-tea.

ACMA

apollo TYRES

INVITATIONAL GOLF TOURNAMENT



NORTHERN REGION

10th ACMA APOLLO TYRES INVITATIONAL GOLF TOURNAMENT

ACMA, Northern Region, organised the 10th edition of Invitational Golf Tournament on 9th February, 2020, at Jaypee Greens Golf Course Greater Noida, concurrent with the 15th AutoExpo 2020 with Apollo Tyres as the title sponsor. The event was graced by more than 110 golfers from OEMs, ACMA members, Senior Government officials and eminent Golfers.

Mr. R C Bhargava, Chairman, Maruti Suzuki India Ltd. was the Chief Guest to "tee-off" at the Tournament. The highly anticipated event has become hugely popular among the golfers across India. They look forward to meet their friends and build with new ones at this Regional event hosted by NR.

The other Key participants for the day included Players: K. Ayukawa Managing Director & CEO - Maruti Suzuki India Ltd., Mr. K. Toyofuku, Director (Corp. Planning) - ; Mr. Toshiya Miki, Sr. Advisor - Maruti Suzuki India Ltd.; Mr. Thomas Flack, President & CPO - Tata Motors Ltd.; Mr. Saurabh Chopra, Royal Enfield, Project Management Office - Marketing (Unit of Eicher Motors Ltd.); Mr. Hemant Sikka, President - CPO, Powerol & Spare Business Mahindra & Mahindra Ltd.; Mr. Yasushi Ota; Supply Chain - MSIL; Mr. Yutaka Yamagami, Purchasing - Honda Cars India Ltd.

Lunch Attendees: Mr. Ashok Sharma, Supply Chain - Honda Cars India Ltd.; Mr. R. K. Seth, General Manager Purchasing - Honda Cars India Ltd.; from the ACMA Executive Committee included, Mr. Rattan Kapur, Past President, ACMA & Chairman & MD - Mark Exhaust Systems Ltd.; Mr. D K Jain, Past President, ACMA - Lumax Industries Ltd.; Mr. Jayant Davar Co-Chairman & MD, Sandhar Technologies Ltd.; Mr. Sanjay Labroo, Past President, ACMA - Managing Director & CEO - Asahi India Glass Ltd.; The Regional

Committee and other ACMA members who participated at the Tournament included: Mr. Anil Minda, MD, Anu Industries; Mr. V.K. Jayaswal, ED-Works, Shriram Pistons & Rings Ltd.; Batras of Magnum Industries; Tushar Arora from AIP; Mr. J S Rangar from





Stork Rubber. The Tournament was marked by the presence of officials from the Government departments included: Mr. Rajneesh Kumar - Jt. Secretary - Ministry of Commerce & Industry; Mr. Ravish Kumar, Ministry of Railways; Dr. Surajit Mitra, Advisor, GOI; Mr. Ajay Bisht – Commissioner DDA; Mr. P S Rathore, BSF.

The winners of the tournament were:

ACMA NR - APOLLO TYRES 10th INVITATIONAL GOLD TOURNAMENT WINNERS - 2000!

ACMA MEMBERS CATEGORY

Sl. No.	Company	Theme
1	Runner-Up CAT B (16-24)	Mr. Jayant Davar Past Presidnet ACMA Sandha Technologies
2	Winner CAT B (16-24)	Mr. Rohan Kapur Executive Director; Mark Exhaust Systems Ltd.
3	Runner-Up CAT A (Upto 15)	Mr. Hrithik Gandhi Head Business Development; Kamal Rubplast Pvt Ltd.
4	Winner CAT A (Upto 17)	Mr. Anil Minda Managing Director Anu Industries

GUESTS CATEGORY

Sl. No.	Company	Theme
1	Runner-Up CAT B (18-24)	Mr. Inderjit Singh Minister of State (Independent Charge) for Statistics and Programme Implementation Government of India
2	Winner CAT B (17-24)	Mr. Ashish Mittal
3	Runner-Up CAT A (Upto 16)	Mr. Mukesh Sharma
4	Winner CAT A (Upto 16)	Mr. Joydeep Nayar

The winners of the Tournament were awarded at the Valedictory Ceremony of the Golf Tournament by Mr. RC Bhargava, Chairman-Maruti Suzuki India Ltd.

IN – HOUSE - TRAINING PROGRAM ON PLANNING, ORGANIZING & GOAL SETTING

ACMA, Northern Region, organised an 'In-house training program on "Planning, Organizing & Goal Setting" on 18th February, 2020 at Minda Industries (Acoustics Division) – Naharpur. The motive of the training was to utilizing the time available effectively in order to get the task done with Proper Planning, Methodical Organizing and SMART Goal Setting.



The objective of the program was to understand; The meaning of Planning, Organizing and Goal Setting, The purpose of Planning, Organizing & Goal Setting; Preparation of Planning, Organizing & Goal Setting Charts; To identify the challenges in managing time and setting goals and to identify Improvement Opportunities

Dr. Balraj Saini, Business coach & Corporate Trainer, was the faculty for the training program, he covered topics which included; **Definition of Planning, Organizing, Goal Settings; Advantages of Planning, Organizing and Goal Setting; Identifying your greatest 'time stealers'** (Ice breaker exercise, small group and individual reflective exercise).

Guiding principles of time and Self-Management (Planning and controlling your workload, Keeping yourself motivated to achieve tasks, Reducing travel time and how to optimally use the time available to you, Managing communication, Small group exercise with presentation feedback and group discussion, Identifying and managing peak physiological performance time, Peak physiological performance and time, Importance of breaks and the negative effects of stress, Presentation followed by individual exercise and group discussion).

Saying 'no' and negotiating solutions (Ways to say 'no' assertively, Identifying potential win-win solutions, Demonstration, group discussion, pairs practical exercise).

Prioritizing workload and key tasks (Need for task prioritization and 'Eating your frogs', Methods of task prioritization, Presentation, group discussion and individual exercises, Planning and prioritizing

your own workload, Templates for planning and prioritizing projects, goals, tasks, Planning essentials and practical, Presentation, individual practical activity and facilitated group discussion.



Delegating tasks (Defining delegation and identifying why we tend not to delegate, Benefits and art of effective delegation, Presentation, demonstration, group exercise and facilitated group review).

Assigning tasks to be delegated (Team skills matrix, Identifying best person for the task, Presentation, individual exercise with feedback and review solutions for managing time effectively, Finalizing our time management strategies to resolve time stealers, Individual reflective and action planning exercise with colleague support).

Case Studies, Videos, Activities and Question answer session were used to make the the training program highly interactive.

IN-HOUSE TRAINING ON "MSA & SPC" FOR SANDHAR TECHNOLOGIES LTD.

ACMA, Northern Region, organised an In-House training program on Measurement System Analysis (MSA-4th Edition-latest) and Statistical Process Control –SPC on 22nd and 23rd February, 2020 at Rudrapur for Sandhar Technologies Ltd.



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

Quality of Measurement Data, MSA Terminology, Summary of Standard and Basic equipment Terms, Location, Width & System Variation, Capability, Performance, Uncertainty, Standards & Traceability, Traceability chain, Calibration system, True value, Measurement System Process & Variability, Statistical Properties & Effects of Measurement System, Measurement Strategy & Planning, Gage source selection Process, Suggested Elements for a Measurement System Development checklist, Measurement issues, Relationship among various Standards, Measurement Problem Analysis & Results, General Concepts for Assessing Measurement Systems, Selecting & Developing Test Procedures, Preparation for a Measurement System Study, Variable Measurement System Study Guidelines, Conducting the Study – Case Study, Attribute Measurement System Study, Recognizing the Effect of Excessive Within Part Variation.



While in SPC, topics covered were:

The Need for Process Control, Prevention vs. Detection, Process Control System model, Variation: Common & Special Causes, Local Actions and Actions on the System, Process Control & Process Capability, Stages of Continual Process Improvement Cycle (PDCA), Control Charts – Tools for Process Control, Benefits of Control Chart, Control Chart Relative to the Process, Precision & Accuracy, Preparation for Use of Control Charts; Control charts for variables data (quantitative data, or measurements): X-bar and R charts, X-bar and s charts, median charts, and X-MR (individuals and moving range) charts; Average – Range Chart : Gather Data, Calculate Control Limits, Interpret for Process Control, Calculating Process Capability, Interpret for Process capability, Improve Process Capability, Chart and Analyze the Revised Process; Average – Standard Deviation Chart; Median Chart; Individual-Moving Range Chart – (Gather Data, Calculate Control Limits, Interpret for Process Control, Calculating Process Capability, Interpret for Process capability); Understanding Process capability and Process Performance for Variable data; Description of Conditions and Assumptions; Suggested Use of Process Measures – (The Loss Function Concept, Alignment of Process to Customer Requirement); The concept of process capability and commonly used indices and

ratios; Control charts for attributes data (qualitative data, or counts): the p chart, for Proportion Non-Conformity, np chart, for Number nonconforming (Defectives), c chart, for number of Nonconformities (Defects), u chart for Nonconformities per Unit/Inspection – (Gather Data, Calculate Control Limits, Interpret for Process Control, Calculating Process Capability, Interpret for Process capability); Process Measurement systems analysis (in brief)

ONE DAY SESSION ON “IN-HOUSE TRAINING ON FIRST AID” AT TACO GROUP

ACMA, Northern Region, organised an ‘In-house training program on First Aid’ for its member company, AAM India Mfg. Pvt. Ltd. of Uttrakhand zone on 27th and 28th February, 2020. The session was organised in collaboration with Indian Red Cross Society.



The focus of this training was to provide an opportunity to make public understand about the Emergency Medical Services (EMS) and disseminate the steps involved in First Aid to spread the safety norms amongst the public.

First Aid can be defined as an emergency aid or treatment given to



NATIONAL CONFERENCE ON “VALUE CREATION THROUGH THE OPTIMIZATION OF SUPPLY CHAIN”

ACMA, Northern Region, organised conference on ‘Value Creation through the Optimization of Supply Chain’ on 5th March, 2020 in New Delhi. The conclave provided an opportunity for networking and to understand the product portfolio of automotive materials under one roof.

A Supply Chain is defined as the integration of key business processes from end users through the original suppliers that provide products, services and information which adds value for customers and other stake holders. A Supply Chain includes all the value chain processes from suppliers to end users.

Addressing the participants The Chief Guest, Mr. Anand Mohindroo welcomed ACMA’s initiative and praised its efforts. He emphasized that to focus on quality and cost & capacity, continuous monitoring of challenges and implementation of timely action is utmost requirement. At the same time for higher efficiency Research & Development is imperative, he added further.

Welcoming the ACMA leadership the members of Northern Region Mr. J S Rangar, Chairman, CFT on MSME & Supply Chain, informed that ACMA has taken a keen interest in enlightening its membership about Supply Chain, its challenges and opportunities. The current disruption in the supply chain is caused due to recession and situation arising out of CoVID pandemic, he stated further.

Thanking the speakers, delegates & invitees, Mr. Deepak Chopra, Chairman ACMA NR, mentioned that a lot of insight and foresight about Supply Chain, would be provided during the different sessions planned in the conclave. It would be useful for the member companies to understand the utilization of raw materials in the auto component industry.

The first session during the conclave was held on the topic of ‘Strategy, Technology & Capital Optimization’. The speaker for the session was Mr. Yugesh Aglawe, Partner Performance Improvement – Supply Chain & Operations, Ernst & Young, his presentation focused on the Transformation in Supply Chain with digitalization. He emphasized to aim at Strategic Planning (instead of forecasting), as also for providing the Blue print for transforming Supply Chain Agile, Cost Effective & Analytics.

The concluding speaker for the First Session was Mr. Imraan Shaikh, Consultant from Yagna World presented a topic on Cash Conservation: Managing Capital Expenditure and Working Capital – (Generating Cash) Theory of Constraints he urged all present to aim at having ‘Real Cash’.

While the 2nd session was on ‘How to Survive in an Uncertain Environment’. The participants were; Mr. A S Raju, Advisor MSIL – He mentioned to keep the focus on Clear Visibility, Preparation of Uncertainties and to Master the Art of Thriving during the Challenging Times. Mr. Abhishek Sahi, DGM – Purchasing, Honda Cars India Ltd. stated to follow ‘SoPs’ for creating a World Class Manufacturing Base, Mr. J K Menon, ED – UNO Minda Group,

someone injured, suddenly ill, etc., before regular medical services arrive or can be reached.

The objective of the Training was to:-

1. Save life and property
2. Minimise injuries to prevent them from happening.
3. Hasten recovery
4. Instigate the presence of mind during accidents amongst the public

The faculty for the training possessed more than seven years of experience in conducting First Aid trainings in many industries. The program was examined by a medical officer from Indian Red Cross Society at Rudrapur.

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

- Identifying the four vital sign for judging whether first aid is to be imparted or not
- CPR training –Cardiopulmonary Resuscitation
- Steps to be taken during any natural disasters – like Kedarnath tragedy
- Anaphylaxis treatment
- First aid for common medical conditions like Asthma, Chest pain, etc.

mentioned to Manage the Waste produced during Upturn Period and Mr. Manoj Kolhatkar, MD – Gabriel India Ltd. – ANAND Group informed to follow the basics of the Production.

The Program concluded with the 3rd and the final session on 'Focus on Supply Chain for e- Mobility in India' The speaker for the session was Mr. Nishant Arya, Executive Director, Jay Bharat Maurti Ltd. his comprehensive presentation covering Transition to Sustainable, Clean Mobility for Green India, with Localization of EV parts as also JBM Ecosystem was of great significance.

SOUTHERN REGION

AWARENESS SESSION E-INVOICING, E-WAY BILL & NEW GST RETURNS

ACMA, Southern Region, together with Digital Sub-pillar of ACMA, organized an Awareness session on E-Invoicing, E-Way Bill and New GST returns on 3rd February, 2020 at IBM, Bangalore. To enhance the reach of this knowledge session and as a new initiative, the session was webcast live to all members of the Region, who could not join in person.

The session was held in view of recent notifications issued by the Government to bring into effect the proposed new system of E



-invoicing, reaffirms the Government's intention to implement the E-invoicing system with effect from 1st April 2020. This is likely to disrupt the auto manufacturing business (including others).

New returns would require a robust ERP integration with the GSP-ASP service provider in order to ensure that the credit matching with the vendor is undertaken on a near real time basis in order to avoid any credit lapses or cash flow issue due to non-availment of input GST Credit

ACMA's knowledge partner E & Y took the participants, through the Govt. Notifications and its impact. Ms Jayashree Parthasarathy, Partner, Tax & Regulatory Services, E & Y, begin with a quick overview on the Union Budget and then spoke on the e-invoicing in detail about GST Compliance, e-invoicing process, Documents & legislations, IRN. Ms Jayashree also shared the changes in internal process and drew the difference between current and proposed processes.

Mr Ravi Banthia, Director, Indirect Tax Services, E & Y the elaborated on the New GST Returns, the current vis-à-vis New Returns. He explained in detail the New GST Return Forms. He focused more on how to prepare for the New GST Returns. Mr Ravi also made a presentation on E-Way Bill, the implementation, the functionality and the impact on E-Way bill by the introduction of e-invoicing.

This session was interactive and was well attended by 20 participants from 6 organisation.

The session was well appreciated by all participants including those who participated through WebEx.

REGIONAL COMPETITION ON 9th SMED 4th POKA YOKE

ACMA, Southern Region, organized 9th Regional SMED & 4th Poka Yoke competition on 15th February, 2020 at Hotel Radha Regent, Chennai. A total of 20 Poka Yoke & 10 SMED teams from 21 Companies participated in this Competition which included participation of 1 SSI Company.

The objective of the competition was to promote SMED & Poka Yoke as a culture in the Organization thereby helping them to improve their productivity without compromising the Quality.

Welcoming the Jury and the participants, Mr. Anil K Unni, Regional Secretary, thanked the management of the companies for nominating teams to this competition. He mentioned that this competition is a unique initiative by ACMA to help participants enhance their team building & also to witness real life case studies to reduce the nonvalue-added activities to a large extent.

The eminent juries for the 9th SMED & 4th Poka Yoke Competition included Mr. Raja Kumaran G, Deputy Manager-Process Excellence, Ashok Leyland, Mr. Kartheeban V, DGM, Turbo Energy Pvt. Ltd, Mr. Bhoopalan K R, Expert ACT-Cluster Programme & Mr. D Sekar, ACMA-UNIDO.

Addressing the participants at the valedictory session, Mr. Kumar Chandrasekar, Member Regional Committee, ACMA Southern Region and Director, CRP (India) Pvt Ltd, highlighted the need to practice and implement improvement tools. Mentioning that in view of the rapidly changing business scenarios, it is imperative for the industry to optimise their processes to ensure sustainability. Mentioning that "Method" in the 4 Ms was very crucial to ensure quality and productivity to minimise wastage and costs. Deskilling of engineering to process was inevitable with mistake proofing becoming an inherent part of the manufacturing system.

In total three winners each from SMED & Poka Yoke were awarded trophies based on the Juries score.

All participating teams were presented with a participation certificate.

The result of the Competition:

CATEGORY: SMED

Place	Company	Team Name
1 st	Comstar Automotive Technologies Pvt Ltd	Victory
2 nd	Sundaram Clayton Ltd, Padi	Shigeo Shingo
3 rd	RANE TRW Steering Systems Pvt Ltd	Gearheads

CATEGORY: POKA YOKE

Place	Company	Team Name
1 st	Hanon Automotive Systems India Pvt Ltd	Royal Cracker
2 nd	Sundaram Hydraulics Ltd	Axle Soldiers
3 rd	Rane TRW Steering Systems Pvt Ltd	Trendsetters



The feedback from the participants was positive & mentioned that the competition gave many implementable ideas with fairly high rate of learning that would help to improve.

THREE DAY KARAKURI WORKSHOP

ACMA, Southern Region, organised 6th batch of the 3-day long ACMA-Toyota Kirloskar Auto Parts (TKAP) Karakuri workshop from 18th to 20th February, 2020 at the facilities of TKAP.

Karakuri is a process to use mechanical gadgetry rather than electric, pneumatic, or hydraulic devices. Toyota group uses this method very effectively. TKAP in a special agreement with ACMA has been sharing its knowledge with the ACMA membership through the training workshop at its facilities.

In manufacturing, Karakuri is a mechanical system that aims to increase efficiency. The low-cost, power-saving shortcuts that aim to



eliminate waste and uneven workflow while improving safety, quality, productivity or maintenance.

During the Valedictory ceremony, Mr. Rajesha Babu K R, Asst. Manager, Production Engineering Dept. congratulated all the participants and distributed participation certificates to all and encouraged to spread the awareness of Karakuri at their workplace. 7 delegates from 4 companies joined the 6th Batch of Karakuri Training.

The feedback received stayed encouraging. Further requests were received for hosting more such training batches.

WESTERN REGION

ONE DAY TRAINING ON "INDUSTRIAL SAFETY"

ACMA, Western Region, organized a day long training session on 'Industrial Safety' on 4th February, 2020 at Pune. The objective of the training was to guide the participants in identifying & minimizing hazards, risks & accidents which will in turn result in a safer workplace.



The training was conducted by Mr. Vishal Singh, a Master in Production and Materials Management. Explaining the safety & industrial safety Mr. Singh, said safety is the state of being 'Safe', the condition of being protected from harm or other non-desirable outcomes. Safety is a concept that includes all measures and practices taken to preserve the life, health and bodily integrity of individuals.

Mr. Singh further mentioned that Safety, Health and Environment (SHE) is an umbrella term for the laws, rules, guidance and processes designed to help protect employees, the public and the environment from harm.

Mr. Vishal Singh shared important concept in safety i.e. Do's and Don'ts:

Sl. No.	Do's	Sl. No.	Don'ts
1	While Entering factory premises, ensure self-hygiene	1	Do not enter factory premises under influence of alcohol
2	Trim your Nails periodically	2	Smoking is prohibited in factory premises
3	Do check your personal safety while working on shop floor	3	Do not touch any naked cable or machine part
4	Do check your machine leakages, spillages & surrounding area	4	Do not disturb the machine program
5	Co use proper PPE	5	Do not work without valid work permit
6	Concentrate on your job only	6	Do not wear chappal/slippers on shop floor
7	Use lock out tag out system while maintenance	7	Do not remove any hot items without wearing hand gloves
8	Clean your machine before using	8	Do not expose yourself to fumes generated from the machine
9	Keep gangway free from obstacle	9	Do not keep anything on gangway
10	Stay in touch with your coworker while doing electric work	10	Do not enter the area where entry is restricted





The Workshop was appreciated by participants and the feedback was received stayed encouraging.

CONFERENCE ON HR & IR

ACMA, Western Region, organised 2nd edition conference on 'Human Resource and Industrial Relation' on 12th February, 2020 in Ahmedabad. The conference was held after the overwhelming response received for the 1st edition of the conference held Western Region in Ahmedabad in 2018.



At the inaugural session, keynote speaker Dr. Rajesh Kumar Jain, Professor & Chair of Operations Area, Institute of Management, Nirma University spoke on Bridging the Industry-Academia Gap. He emphasized industry academia partnership for designing syllabus that would make student employable as soon as they finish study.

The conference witnessed three session, where the discussion were held on the subjects like;

Session I: HRM (Opportunities & Challenges)

Speaker:



Mr. Sumeet Varghese, Founder Partner, HR Buddy

Key message: looking at the current situation in Gujarat, the main challenge is to find skilled person as the number of industries are increasing, however, there are Institutions which are supporting industries.

Session II: IR (Current Scenario – Experience Sharing)

Speaker:

1. Mr. Vinod Razdan, Head HR - MAHLE Anand Thermal Systems Pvt. Ltd.
2. Mr. S. C. Suneja, President & Head – Operational Group Gujarat, JBM Auto Ltd.

Key message: IR personal must take the union and workers in confidence to avoid clashes.



Session III: Best HR Practices & Latest amendments in Labour Laws

Speaker:

1. Mr. Jalay Pandya, founding partner and Director of Faber Infinite Consulting : "Building Futuristic HR Practices : Role of HR in Industry 4.0"
2. Advocate Hamesh C. Naidu : "Impact of latest amendments in Labour Laws"

Key message: Points related with labour Laws: Domestic Inquiry , Industrial Disputes Act, Industrial Employment Standing Orders Act, what are the Misconducts under Industrial Employment Standing Order Act. & How to handle various Misconducts to ensure correct Disciplinary Action, was presented.

A total of 60 delegates attended the conference and the feedback was stayed encouraging.

TWO DAY WORKSHOP ON 'INVENTORY MANAGEMENT & E-KANBAN'

ACMA, Western Region, organized **Two-day long workshop on 'Inventory Management & E-Kanban'** on 17th and 18th February, 2020 in Pune. The workshop was held was to focus on how to deal with inventory using scientific models of inventory management and E-Kanban.



The two workshop was conducted by **Mr. Abhishek Pandey**, a B-tech in electronics & instrumentation, having experience in different industries in and improvement projects.

Following exercises and topics were discussed and taught to the participants on the respective days:

Day – I:

- **Experiential learning activity- I**
- **Introduction to OE foundations**
- **Understanding the relation between Inventory and cost, Inventory analysis techniques**
- **Inventory Management models**

Day – II:

- **Introduction to Kanban and its types**
- **Application of Kanban to different Inventory Management models, Understanding on E-Kanban and its Working**
- **Experiential learning Activity-II**
- **Guidelines to implement E-Kanban**

The initiative by the Western Region was appreciated by all the participants. Request was also put to have similar such programs in future.

5th ANNUAL ZONAL BEST PRACTICES COMPETITION IN GUJARAT

ACMA, Western Region, organized the 5th Edition of 'Best Practices Competition – Gujarat Zone' on 28th February, 2020 in Ahmedabad. The Best Practices Competition was held under two categories namely LCA (Low Cost Automation) & Poka-Yoke. The presentations made by LCA teams focused on Safety, Quality, Cost & Delivery and the presentation made by Poka-Yoke teams focused on Safety, Quality and Cost.

As per the convention, OEM's were invited to be the Jury at the competition. The panel of jury included Mr. Manish Rajwar, DGM - Manufacturing Operations, Tata Motors, Sanad Plant and Mr. Shankar Rudrakanthwar, Team Manager – Engine machining, Ford India Pvt. Ltd. Sanand Plant.



Participation Trophy was also presented to all the participants.

The following teams were announced winners:

Best Presentation under Safety – LCA Category

Adapt – Krishna Maruti Ltd , Plastic Division

Winner – LCA Category

Position	Team	Company
1 st	Tarang	Krishna Maruti Ltd, Seat Division
2 nd	Lakshya	Abhijeet Industries Pvt Ltd
3 rd	Rightway	Subros Ltd

Best Presentation under Safety – Poka-Yoke Category

Life Saver – Mindarika Pvt Ltd

Winner – Poka-Yoke Category

Position	Team	Company
1 st	Harsha Innovators	Harsha Engineers Ltd
2 nd	Eagle Eyes	Minda Industries Limited (Wheel Assembly Div)
3 rd	Josh	JBM Auto System Private Limited



The Chief Guest for the valedictory session was Mr. D.R. Parmar, Dy. Commissioner of Industries (Incentive Branch), Government of Gujarat.

A total of 29 teams from member companies having plant in Gujarat namely Asahi India Glass Limited, Badve Engineering Ltd., Harsha Engineers Ltd., Milacron India Pvt. Ltd., Krishna Maruti Ltd., Schaeffler India Ltd., Supreme Treon Pvt. Ltd. and Jay Ushin Ltd. participated in the event.



5 FUTURE READY INITIATIVE

Young Business Leaders Forum (YBLF)

INTERACTIVE SESSION WITH MR. ASHOK TANEJA

ACMA, Young Business Leaders Forum (YBLF), organised an interactive session with Mr. Ashok Taneja, MD & CEO, Shriram Pistons & Rings Ltd. on VUCA 2.0 on 28th February, 2020 in New Delhi.



VUCA is an acronym that stands for Volatility, Uncertainty, Complexity and Ambiguity, a combination of qualities that are taken together, characterize the nature of some difficult conditions and situations. The term is also sometimes said to stand for the adjectives: volatile,

uncertain, complex and ambiguous. This interaction was focused on the most challenging phases Indian auto industry is witnessing like:

- Prolonged slowdown for more than a year now
- Changes in regulations, both emissions & safety
- Crisis on the liquidity front
- Transitioning from BSIV to BSVI
- Impact of next generation mobility, including e-mobility.

Mr. Taneja through shared his insights with the audience on the changing dynamics of the auto industry in India, and elucidated on strategies that companies need to adopt to overcome the discontinuity.

RELATIONSHIP MANAGEMENT PROGRAM BY MR. HOMI MULLA

ACMA, Young Business Leaders Forum (YBLF), organized 'Relation Management Program (RMP)' with Mr. Homi Mulla, Process Facilitator & Consultant, Human Resources Management from 2nd to 7th March, 2020 at Lonavala.

The RMP has been carefully crafted & devised by Mr. Homi Mulla to help people connect with some fundamental threads of behaviour that determine their success in both personal and professional life. The program helps each one come to terms with himself or herself by understanding how his/her behaviour impacts others and the overall corporate results.

Relationship Management guru, Mr. Homi Mulla, is an accomplished consultant with over 35 years professional excellence in Human Resource Development (HRD), Organizational Development (OD), and other behavioural science applications.

This program has been highly recommended by Dr. Pawan Goenka, Managing Director, Mahindra & Mahindra.

A total 15 members participated in this program and all shared an excellent feedback.



EXPAND YOUR MARKET @ JUST AED 1,270/Month.

DUBAI – YOUR GATEWAY TO BUSINESS BEYOND BORDERS

Set-up your company at the Indian Traders' Incubation Center at JafzaOne, Dubai and trade effortlessly.

Located adjacent to one of world's largest container ports, we provide a perfect platform for Indian businesses to enhance market access. What more, we take care of your end-to-end supply chain while you focus on your core business.

Benefits you can't miss



Company
Incorporation



Trading License
for 7 Activities



Serviced, Furnished
Work Desks



Free Wi-Fi



Eligible for
2 Visas



Free Zone
Benefits

800 52392 (Jafza) | +9714 445 3270 (Int) | sales.iic@dppworld.com

موانئ دبي العالمية
DP WORLD

Jafza
Zone
Free Zone

*T.B.C's apply

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