

ACMA

Automotive Component Manufacturers Association of India

February-March 2017

AUTONEWS

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EDITOR'S NOTE

The 3rd edition of ACMA Automechanika New Delhi successfully concluded, reinforcing its position as a reliable sourcing and networking platform for Indian auto-components and the aftermarket after its four day run on 24 March, 2017. It was encouraging to witness a 17% growth in business visitors with a total turnout of 15,150, setting a new benchmark this year. Since its debut in 2013, ACMA Automechanika New Delhi has grown constantly in both quantity and quality. This year the fair marked a 28% increase in exhibitors with 552 companies from 17 countries and 25% rise in exhibition space since 2015.

At the show ACMA released an Aftermarket study - "Indian Automotive Aftermarket: The Road Ahead". According to the findings of the study the Indian automotive aftermarket, stood at INR. 56,098 Crore (USD 8.4 billion) in 2016-17, is expected to reach INR. 75,705 Crore (USD 13 billion) by 2019-20 growing at a CAGR of 10.5%. This comprehensive study threw light on the vehicle parc analysis, used car market, taxi market, trends and size of the aftermarket, e-tailing and regulations. The Indian automotive component sector is today a USD 39 billion industry, contributing around 4% to India's GDP.

A two-day conference on 'Preparing Aftermarket for Digital Economy & Road Ahead' addressed the disruptions caused in the aftermarket industry post demonetization. The conference popularised the concept of e-commerce and m-wallets and exposed the audience to new ways of expanding business and transactions. The second day seminar highlighted trends that would define the future of the aftermarket and covered areas such as vehicle telematics, alternate fuels, vehicle servicing, e-retailing and importantly, GST and its expected impact on distribution channels.

Further, ACMA for the first time set up a unique safety pavilion titled 'ACMA Safer Drives' with an intent to spread awareness on road safety and usage of genuine auto components.

Besides this, Union Budget 2016 was unveiled on February 1, 2017 by Finance Minister Arun Jaitley. The auto component industry welcomed the reduction in corporate tax on MSMEs giving them the much needed encouragement and relief. Further, with the growing content of electronics in vehicles, the budget allocated Rs 745 crores for electronics manufacturing.

Hope you enjoy reading the full coverage of ACMA Automechanika New Delhi and cogent comments from ACMA President, Rattan Kapur on the Auto Component industry.

Vinnie Mehta
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ACMA
AUTONEWS

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INTERVIEW

Rattan Kapur

Excerpts - Autocar Professional

Q: How do you see the growth of ACMA Automechanika as a business platform for players in the aftermarket over the years? How will the third edition of this jointly organised event be different from the earlier ones?

This is the third edition of ACMA Automechanika New Delhi and the show has evolved into one of the most sought-after automotive events in South Asia.

This year the exhibition will host 525 companies from 17 countries, representing the latest auto components and automotive aftermarket technologies. In comparison to the previous event, exhibition space has increased by 25 percent with participation from many newcomers and industry leaders such as the Schaeffler Group, Ample Autotech, Elofic, ZF India, Shriram Pistons, Valeo India, Mansons, Liqui Moly, and ACDelco among others.

With the growing popularity and India becoming an attractive market, international participation has increased by 40 percent with foreign contingents from China, Germany, Hong Kong, Indonesia, Italy, Japan, Korea, Malaysia, Poland, Russia, Singapore, Taiwan, Thailand, the UAE, and the USA. Interestingly, the fair marks a 28 percent increase in exhibitors.

The third edition of ACMA Automechanika New Delhi will focus on future-oriented technologies and solutions. That apart, the fair is coupled with a series of hi-powered conferences running parallel to the show:

- National Seminar on Preparing Aftermarket for the Digital Economy that will popularise e-commerce and m-wallets among the exhibiting companies, visiting distributors and retailers.
- Panel discussion on Indian Aftermarket — The Road Ahead.
- Panel discussion on Building an Ecosystem to contain increasing accidents and road fatalities. This is part of ACMA's continued effort to curb sales of spurious/ sub-standard products in the grey market that directly or indirectly lead to road fatalities

Q: How is the partnership with Messe Frankfurt evolving over the years?

Our partnership with Messe Frankfurt is strengthening with every edition of the show. The previous edition of ACMA Automechanika New Delhi 2015 was a huge success and received an overwhelming response. The



'ACMA AUTOMECHANIKA NEW DELHI WILL BE A TRUE REFLECTION OF THE COMPONENT INDUSTRY'S PROWESS IN SERVING THE GLOBAL MARKET. IT WILL ALSO HAVE OUR LATEST INITIATIVE — ACMA SAFER DRIVES'

event witnessed 12,861 business visitors and over 436 exhibiting companies (245 domestic and 171 overseas) from 17 countries across the globe. The tremendous response received in the third edition of the show is a testimony to the successful bond and together with Messe Frankfurt, we look forward to set new benchmarks and build global footprints for the Indian aftermarket.

Q: Is there any specific theme that ACMA plans to follow in the event in New Delhi? Any remarks on how new developments on the front of products and new technologies are aligned with the government's Make-in-India initiative?

'Make in India' is our Prime Minister's vision to curate a program that can put India on the global manufacturing map. The Indian auto component industry is today a world-class industry, exporting US\$ 11 billion annually, a third of its production.

ACMA Automechanika New Delhi will be a true reflection of the component industry's prowess in serving the global market. Further, with participants from over 17 countries, the show will have an international look.

With the government's thrust to create a 'Digital India', ACMA is organising a seminar on 'Preparing Aftermarket for Digital Economy & Road Ahead'. We endeavour to popularise the thought of new modes of transactions for the aftermarket through e-commerce and m-wallets at the trade fair.

Auto parts e-commerce in India is still at a nascent stage due to the limited presence of major players, small product portfolio and lower customer awareness levels. In 2014, the online auto aftermarket in India was estimated at around US\$ 20 million (less than one percent of the overall parts aftermarket at a retail level) and is expected to increase at a CAGR of 7 percent to US\$ 150 million by 2020. There are huge opportunities in the B2B and B2C space. Therefore, at the seminar, Amazon, IBM and the National e-Governance Department, government of India will give presentations on the scope of the digital platforms.

Q: How does ACMA plan to handle the issue of counterfeits/sub-standard components at the show?

Tackling counterfeits and sub-standard products is the single biggest challenge facing the aftermarket today. As a part of ACMA's latest initiative 'ACMA Safer Drives', we intend to sensitise the public on the need for abiding road safety rules and usage of genuine auto parts; a special pavilion is being created for this at Hall 11 in Pragati Maidan. This drive is a part of our efforts towards eliminating the use of counterfeit and substandard parts, which directly or indirectly lead to road accidents.

One of the key reasons for a thriving counterfeit business in India is the lack of mandated safety standards for aftermarket products, due to which sale and import of counterfeit products cannot be checked.

Q: How is ACMA promoting the drive to improve products and services on the front of quality within the aftermarket space, given that the industry is soon upgrading emission and safety norms across all vehicle categories?

This year we have adopted 'Winning with Quality & Innovation' as our theme and we endeavour to focus on strengthening our capabilities for new product development, improving quality standards, evolving our technology for meeting the changing emission and safety standards, upgrading skills of Tier 2 and Tier 3 and popularising digital technology in manufacturing.

Our priorities for the future would be to focus on R&D to help generate IP in India, world-class quality with zero defects and in the process, create the industry's economic profit i.e. greater returns on capital than the cost of capital to make India an attractive destination for auto component manufacturing investments. Changes such as these and others are sure to have a far-reaching impact on the entire automotive supply chain including the aftermarket.

Q: What can Tier 2, Tier 3 and even smaller suppliers expect from this platform?

The ACMA Automechanika New Delhi trade fair will be the one-stop shop for all the automotive players, including the smaller players. The platform will provide huge opportunities to the industry to collaborate and exchange technical know-how over four days.

The fair will extensively cover the automotive aftermarket through its six product categories of Parts & Components, Electronics & Systems, Accessories & Customising, Repair & Maintenance, Management and Digital Solutions and Car Wash, Care & Reconditioning.

Considering the aftermarket is dominated by a large number of smaller players, the fair is expected to help them in new business opportunities. Also, given the significant growth of the aftermarket in India, Tier 2s and Tier 3s also need to consider this opportunity as the segment enjoys relatively better margins compared to OEM supply.

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INTERNATIONAL TECH EXPO WITH OEMs



ACMA organised the first ever Tech Expo with 3 global OEMs in Sweden and France which was spread over 5 days. Supported by Ministry of Commerce, Government of India, the Tech Expo was organised with the support from companies like Volvo Group, Husqvarna and PSA Group. Also ACMA had arranged an interaction of Indian participants with the senior purchasing team of Valeo on 23rd February, 2017.

The 32 member delegation from 29 Indian companies showcased the growing design & development capability of the industry by product display at the Volvo Technical Centre at Gothenburg, one of the leading OEMs of the world which in products like Cars, Buses, Trucks and Penta marine engines, on 20th & 21st February 2017 followed by Husqvarna on 22nd February 2017 and PSA on 24th February.

The Indian Ambassador H. E. Ms. Monika Kapil Mohta inaugurated the Tech Expo along with Mr. Martin Liden, Vice President, Volvo group. While inaugurating the Tech Expo, Excellency complimented ACMA and the participating companies for their active participation and showcasing their growing capabilities to the senior leadership of Volvo Group. Excellency also highlighted that such events would build a stronger linkages with Swedish OEM/Tier 1s between both the countries as well as help India to enhance technologies from Sweden. Mr. Amit Mukherjee, Dy. Executive Director, ACMA presented the Capabilities & Growing Opportunities of Indian automotive industry at the seminar which was attended by more than 50 delegates.

The response from the OEMs was encouraging and overwhelming with few receiving RFQs and many received enquiries. Overall more than 300 visitors attended the 5 day show.



CEO's MISSION TO USA

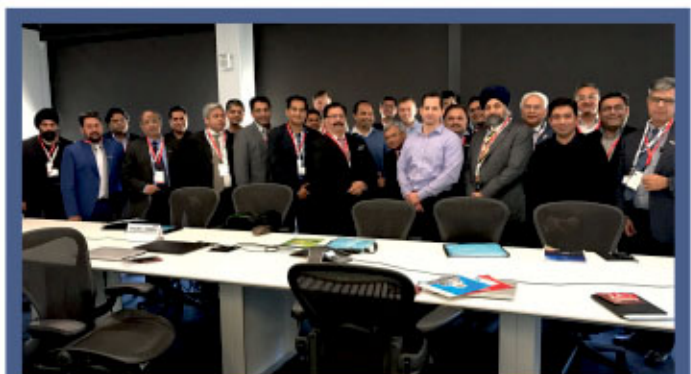


ACMA organised a CEOs' Mission to USA from March 06 – 09, 2017. The delegation of 21 member companies was led by Mr. Rattan Kapur, President, ACMA. The broad objectives of the mission was to explore opportunities for enhancing business linkages with the US auto component industry, potential JVs and strategic alliances, provide an exposure to Indian auto component industry to new technologies, understand the US vehicle manufacturers' global outlook as also that for India; purchasing and sourcing strategy and their expectations of Indian Suppliers, update the US Auto Industry on the growing opportunities and capabilities of the Indian auto component industry through a seminar/ networking event.

The United States is one of the largest automotive markets in the world and home to many global vehicle and auto parts manufacturers. The United States is the second largest vehicle producer in the world, behind China. The automotive industry plays a very significant role United States economy. In 2015 car production totalled to 12.1 million, with a 3.8% growth over the previous year. In 2015, the United States exported approx 2.6 million vehicles valued at USD 65 billion to more than 200 countries around the world. With an open investment policy, a large consumer market, a highly skilled workforce, available infrastructure, and government incentives, the United States continues to offer significant opportunities for future growth to the automotive industry.

The ACMA CEOs' delegation met with senior management of Ford, Fiat Chrysler, Mahindra Technical Centre, ZF, and Futuris. Apart from the traditional automotive industry, the ACMA delegation interacted with the procurement team of TESLA and visited their manufacturing facility in Palo Alto. That apart, to get a perspective on the automotive start-ups the delegation met with Volta Charging, Deepscale and Shift Mobility. During the visit, ACMA along with its MoU Partner Original Equipment Suppliers Association (OESA) organized a seminar followed by B-2-B meeting with OESA's members. The seminar was well attended by over 30 component manufacturers from the US Auto Components Industry.

The US automotive industry is witnessing an interesting phase of evolution. On one hand while the traditional automotive value chain in the Detroit region continues to flourish, the industry is witnessing emergence of Silicon Valley in California as the new hi-tech automotive hub. Most automotive players have set-up their research and development centres in the Silicon Valley today, which is also paving way for new automotive start-ups in the region. Despite challenges within the industry in recent years, the U.S. automotive sector is at the forefront of innovations. New research and development initiatives are transforming the industry to better respond to the opportunities of the 21st century.



NATIONAL COMMITTEES

SUSTAINABLE DEVELOPMENT COMMITTEE

INTERNATIONAL GREEN MOBILITY EXPO (GMX) 2017

In continuation to ACMA's Sustainable Committee's effort to promote localisation of EV components, ACMA supported CII for the 2nd edition of International Green Mobility Expo and took around 216 sq. mtrs area at a prime location for component suppliers to showcase their capabilities in Green mobility. Ten component suppliers showcased components like (E-Axle kit & E-mobility solutions, Electric Bus, Low Voltage Hybrid Solutions (48V), High Voltage Drive Systems, Boost Recuperation Machine, Start-Stop Systems, Lithium Battery Packs, BMS, Diagnostic Tool, Chargers, Fasteners, Quick connectors, Electrical cable chennels, Connectors, Bonded fasteners, Housing, Cylinder head, Coolant Collector, Crankcase, Manifold, Lithium Packs and other EV Solutions) at GMX 2017 from 2nd – 4th February, 2017 in Pragati Maidan, New Delhi.

Mr. Anant Geete, Union Minister for Heavy Industries & Public Enterprises, inaugurated GMX 2017 and visited the suppliers to see the readiness of the component industry to support FAME initiative of Government. Since FAME phase-I will be over by end of March 2017, MOHI has initiated the process of finalizing the FAME Phase II. Ministry want the component industry to be proactively engage in localizing the components, Electricals for Hybrid & Electric Vehicles to reduce the cost of EV to create market pull.



EV were invited from the Government officials to present their strategy on FAME (Faster Adoption & Manufacturing of Hybrid & Electric Vehicle).

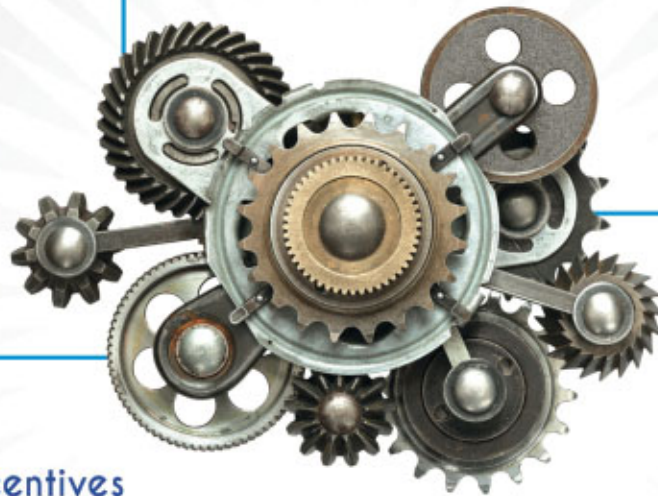


A conference was jointly organized by ACMA, CII, MOHI, SIAM & SMEV on the 3rd Feb 2017 to address the Electric Mobility mission – moving to the next orbit. Concerns & Challenges for the industry in

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GLOBALISATION COMMITTEE



2nd NEW DELHI AUTOMOTIVE SUMMIT: INDIAN AUTO COMPONENT INDUSTRY: SYNERGISING WITH GLOBAL SUPPLY CHAIN

Automotive Component Manufacturers Association (ACMA), the apex body representing Indian auto component Industry organised the 2nd New Delhi Automotive Summit 2017 from 3-4 February, 2017, themed "Synergising with Global Supply Chains".

The summit was graced by eminent personalities and dignitaries such as Mr Girish Shankar, Secretary, Ministry of Heavy Industry and Public Enterprise, Government of India as the Chief Guest, Mr Chaand Sehgal, Chairman, Samvardhana Motherson Group & Motherson Sumi Systems Ltd, Mr Deep Kapuria, Chairman, The Hi-Tech Group, Rattan Kapur, President, ACMA and Nirmal K Minda, Vice President, ACMA. Ms. Priyam Saraf, Economist - Young Professional, Trade & Competitiveness World Bank Group presented results of a recent World Bank Study on the Indian Auto-Component Industry's Competitiveness in Global Value Chain and the imperatives for the industry to stay competitive in tune with the dynamism of the global automotive value chain.

Speaking at the 2nd New Delhi Automotive Summit 2017, Mr. Girish Shankar, Secretary (Heavy Industry) Ministry of Heavy Industries & Public Enterprises, Government of India said, "All reforms and policies that introduced by the government in the recent past are aimed at making the industry more competitive. The auto components industry is expected to grow fivefold touching a turnover of USD 180 to 200 billion in the next 10 years. The government is continuously focusing on enhancing the ease of doing business in India, GST being one of the biggest initiatives for the cause, which will help streamline the prevailing indirect tax structure in the country. It is crucial for the Indian Automotive Industry to synergise with the global supply chain and focus on R&D and Innovation. With a successful creation of crash-test facility at NATRIP, we are set to achieve higher standards in vehicle safety. With fund sanction for second phase of FAME scheme in the recent Union Budget we are facilitating significant traction for electric mobility in the country."





Addressing the gathering, Mr. Chaand Sehgal, Chairman, Samvardhana Motherson Group & Motherson Sumi Systems Ltd said, "Keeping pace with the changing face of mobility in India and the world, faster adoption of new technologies has made Samvardhana Motherson Group a globally preferred solutions provider in the industry. Some essentials which have differentiated us from the others include a clear non-monetary vision of working in synergy with our customers, treating employees and shareholders as strategic partners, building a future roadmap through five-year performance projection with focus on three growth pillars: organic, growth, joint ventures & alliances and inorganic growth through acquisitions. Further, there is a need to move from products to solutions considering the parameters of quality, cost, delivery,

design, management, safety, environment, and sustainability."

Mr. Rattan Kapur, President ACMA said "The last few years have witnessed a systematic shift as the Indian auto component manufacturers are making a conscious effort to move away from 'Build to Print' to innovation, R&D, and creation of products and IP, with Quality as the bedrock. Technology has the capacity to bring about disruptive changes as we are witnessing today with the fast adoption of hybrid vehicles, electric vehicles, autonomous vehicles. Our exports have grown at a CAGR of 18% over the last 6 years to 160 countries with the presence of 40 IPOs, which is a matter of great achievement for us. The Union Budget gives adequate focus to the development of the rural and social sector, as well as, to the industry and infrastructure. The emphasis on strengthening the rural economy will lead to positive impact on demand for vehicles and farm equipment. Moreover, with the reduction in the corporate tax, MSMEs will get the much-needed relief and encouragement.

Adding to this, Mr. Rattan Kapur also requested the government for their cooperation in setting up R&D facilities in various parts of the country where ACMA members, especially the smaller ones, can come together for joint research programs and technical training.

Giving a backdrop to the Indian Auto Components Industry, Mr. Deep Kapuria, Chairman-Trade Fairs, CII; Past President, ACMA, and Chairman, The Hi-Tech Group said, "The Indian Auto Components industry is going through a transformational period with the concept of mobility changing continuously. The business model of the industry is fast evolving and shifting from a manufacturing to a service-intensive industry. The shift requires the supply chain to change in order to build synergy with global value networks. The industry needs to contemplate with the contingencies of de-risking against natural calamities which disrupts the supply chain and compliance with increasing tax structure."

The 2nd New Delhi Automotive Summit 2017 concluded with the various action points, which will bring new synergies in global supply chains industry for the overall growth of the auto components sector in India. Automotive companies, both Indian and international, OEMs or component suppliers alike, have made their presence felt on the global stage. In addition, the conference involved discussions on Creating Global Value with Supply Chains and How Disruptive Technologies are shaping Value Chains of the Future. The event also outlined the current state of the industry and indicated the way forward as well as the opportunities that could exist for suppliers in the near future.

MSME COMMITTEE

SHARING OF EXPERIENCES VISIT TO VOLKSWAGEN INDIA PVT. LTD., GABRIEL INDIA LTD. & LUMAX CORNAGLIA AUTO TECHNOLOGIES PVT. LTD. FOR MANUFACTURING & OPERATIONAL EXCELLENCE

The MSME Committee of ACMA organised a plant visits to Volkswagen India and OEM and two ACMA member companies Gabriel India Ltd. and Lumax Cornaglian Auto Technologies Pvt. Ltd. on 17th February, 2017 with the intent to provide an exposure to MSME companies to learn manufacturing & operational excellence from leading automotive companies.

CONSUMER AFFAIRS COMMITTEE

AUTO AFTERMARKET IN INDIA BEGINNING TO THINK DIGITAL

Contributed by AUTOCAR Professional



Mr. J S Rangar, Chairman, ACMA-MSME Committee led the 19 member delegation and facilitated the interaction with the visiting companies.

VISIT TO VOLKSWAGEN INDIA LTD.

Mr. Sachin Kulkarni, Head Direct Purchase & Mr. Steffen Heim, Executive Director, Corporate Purchase, Volkswagen India Ltd. along with his team members interacted with the visiting delegation and presented the company history.

Mr. Sachin Kulkarni shared VW expectations from the auto component sector with regard to quality consistency, finance & management, focus on designing capabilities – which were also some important take away for the members. Mr. Kulkarni emphasized on importance of VDA audit 6.3 and urged companies to establish a robust Poka Yoke within the system to ensure quality was not hampered.

VISIT TO GABRIEL INDIA LTD.

Gabriel India Ltd. won the Bronze Trophy at the ACMA Awards 2016 for Supplier Development in Large Category. The company has comprehensive portfolio of products that have applications in 2-wheelers, 3-wheelers, Passenger Vehicles, Commercial Vehicles and Railways. Gabriel India has six manufacturing facilities and has three state-of-the-art R&D centres for fundamental design and development, future technology assimilation. The company's supplier development process and support to their suppliers partners included initiative like VSME, Training, Innovation & VAVE for cost cutting to sustain bottom line was very well appreciated by the delegation.

VISIT TO LUMAX CORNAGLIA AUTO TECHNOLOGIES PVT. LTD :

Lumax Cornaglia's plant in Pune is the only plant to have 3 D moulding technology available. This technology helped them in reduction of cost of poor quality. Lumax had formed small teams to work on quality & technology which included participation in cluster programs and quality circles. It was shared that Lumax's main focus was in the area of safety. The company has a pleasant work-place and culture; employee involvement; customer satisfaction is also evident through the QCD results and has a robust manufacturing processes.



ACMA president Rattan Kapur at the dias. Seated (L-R): Vinnie Mehta, director general, ACMA; Tanmay Shah, category leader – Automotive, Amazon; Sanjay K Rakesh, Jt Secretary – Digital Payments, Ministry of Electronics & IT; Sriman Kota, executive (Cognitive Engagement), APAC, IBM.

After the recent demonetisation exercise, the Indian economy has undergone major restructuring which has caused disruption in many industries. In line with this, ACMA organised a national seminar on 'Preparing the Aftermarket for the Digital Economy', which focused on e-retailing and scope of mobile wallets within the auto component value chain. Recognising the need for reforming the aftermarket distribution channel through usage of digital tools, Sanjay Kumar Rakesh, Joint Secretary – Digital Payments, Ministry of Electronics and Information Technology, government of India, said, "The government is fully committed to building a digital India and lay a strong foundation for India's transition to a cashless society. This is where mobile-wallets and technologies for new modes of transactions will play a critical role in supporting many manufacturers, distributors and retailers in expanding their business and transactions."





Commenting on the transformation already underway in industry, ACMA president Rattan Kapur said, "Today's generation is happy to go along with digitisation. Aftermarket channels will shift from the traditional brick-and-mortar template." He said that in 2014, online sales totalling \$20 million accounted for less than 1 percent of the aftermarket. But now the B2C market is slated to grow at a CAGR of 7 percent to \$150 million by the year 2020.

YOUNG, FAST-PACED INDIA There is a new and young India on the move which is fast dictating industry trends. At present there are 120 million smartphone users in the country and it is expected that the auto e-retailing sector is expected to log 10 percent year-on-year growth till 2020.



Speaking on 'Digital in the Cognitive Era', Sriman Kota, executive, Cognitive Engagement, Asia-Pacific, IBM, said that digitisation creates smarter consumers and allows for deeper engagement and advocacy. He said there are three key changes underway: (Consumers) Millennials who seek instant gratification; Mobility (connected cars); and Ecosystem (convergence of industries). He spoke about IBM's Auto Data Exchange (autoDX), a business-to-business, cloud-based network designed to add efficiency to the supply chain and reduce business costs, something most aftermarket players would be interested in.

Tanmay Shah, category leader – Automotive, Amazon, spoke about the huge opportunity that digital presents to the aftermarket, particularly in a country like India. Citing the company's reach in India, he said deliveries can be made to 19,000 pincodes in the country, pointing out how strong the postal system is in India. As

regards speed of delivery, he said about 2 million deliveries can be made the very next day.

Citing figures, he showcased the rapid pace of online marketing in India. In 2015, Amazon was selling 22,000 automotive products from 6,000 sellers. At present, it has a million products and over 6,000 sellers. He revealed that in the 'Amazon Great Indian Sale' held between January 20-22, the company sold "50,000 automotive products each day" and that many of the orders placed were from small garages from different parts of the country. Shah said product availability and genuineness are vital for success. Shah revealed that Amazon plans to launch Automotive Part Finder, designed to enable customers to more easily shop by vehicle to find parts and accessories manufactured to fit their passenger car or two-wheeler" so that a customer can buy with peace of mind". Interestingly, Amazon is also exploring launching a vehicle sales channel platform" aimed at hooking customers onto the aftermarket platform."

As part of the second day seminar Preparing Aftermarket for Digital Economy and Road Ahead ACMA's Consumer Affairs committee organized a seminar on the key findings from the study titled 'The Indian Automotive Aftermarket: The Road Ahead'. Frost & Sullivan, ACMA's knowledge partner for the study made an extensive presentation at the seminar on findings of key aftermarket parameters including- the vehicle parc analysis, used car market, taxi market, e-tailing, regulations etc.

Around 100 ACMA members, dealers, distributors took part in the conference.

FROM THE REGIONS

EASTERN REGION

AN AWARENESS SESSION ON IATF: 16949- 2016

International Automotive Task Force (IATF) introduced the new Automotive QMS standard IATF-16949:2016 on 01 October, 2016. This revision necessitates the interested industries to know and understand the requirements for developing/upgrading their QMS and achieving new certification IATF-16949:2016.



In order to make the industries aware of these changes and new requirements, ACMA-Eastern Region organized a two day awareness session on IATF-16949:2016 on 9-10 February, 2017 at the Centre for excellence, Jamshedpur.

The objective of the program was to help the participants understand the new requirements of IATF-16949:2016 standard and learn how to develop necessary documentation required for implementation. Also how to go for recertification with zero loss and save the cost, time, money and energy.

The faculty of the program was Mr. P. C. Nath, a mechanical engineer, Ex-Assessor, Tata Business Excellence Model, Lead Auditor-ISO-9000, ISO-14000, OHSAS-18000 & IATF Qualified Lead Auditor for IATF-16949:2016, having rich experience from more than 300 industries in the field of quality.

The session covered topics on the evolution of QMS standards,

revision of Automotive QMS Standards, changes in terminology, key changes-ISO 9001:2016, important terms & definitions-IATF-16949:2016, role of IATF and its support functions.

The program was a great success. A total of twenty nine delegates attended the session.

NORTHERN REGION

TRAINING PROGRAM ON PRODUCTIVITY & VAPCO ENHANCEMENT THROUGH WASTE ELIMINATION

ACMA Northern Region organised a training program on Productivity & VAPCO enhancement through Waste Elimination for its members of Delhi NCR zone, on February 07, 2017.

The training session on Productivity & VAPCO Enhancement through Waste Elimination aims to equip participants with the knowledge and understanding to implement, the training, in order to eliminate the waste and reduce cost, thereby optimizing flow across all value chain processes.

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

The course emphasised Productivity & VAPCO Enhancement through Waste Elimination as a methodology to use effectively available resources for future development in the auto component industry. Productivity Enhancement results in direct increase in the Quality of Manufacturing. He also shared many Case Study presentations enabling the participants to understand the framework and ably guided them during the question answer sessions.

ONE DAY TRAINING PROGRAM ON INVENTORY & STORE MANAGEMENT

ACMA Northern Region organised a training program on Inventory & Store Management for its members of Uttarakhand zone, at Lumax D K Auto Industries Ltd., SIDCUL, Pantnagar on February 09, February 2017.



One of the most important tasks of logistics management is efficient inventory management. The basic mission of inventory management is to find balance between item in stocks and customer service.

Therefore Just in Time has replaced the traditionally followed Economic Order Quantity (EOQ) inventory management.

JIT has brought revolution in the manufacturing systems by focusing on the process approach and hence reduction of the non-value adding activities. JIT has far reaching impact that that results in lean manufacturing.

The objective of this program was achieve satisfactory levels of customer service while keeping inventory costs within reasonable bounds, save money, ensure continuous supply of raw material, spares and finished goods, avoid both overstocking and under stocking of inventory and maintain investments in inventories at optimum level

The faculty for the training was Mr. Rahul Saini, Lean Manufacturing Professional, manufacturing excellence consultant having a decade long experience.

5th SMED COMPETITION

ACMA Northern Region organised the annual SMED competition, on February 11th, 2017 in New Delhi. Ten companies participated in the competition.



Single Minute Exchange of Dies (SMED) is one of the many lean production methods for reducing waste in a manufacturing process. The approach of SMED/Quick Changeover is applicable, not only to Manufacturing processes but also to other Non-Manufacturing Processes such as Store – Inventory, Logistics etc. This provides rapid and efficient way of converting manufacturing process from running the current product line to next line. This rapid changeover is the key to reduce production sizes and thereby improving flow.

In order to sustain the competitive environment, organisations continuously improve their processes and systems, to achieve perfection. SMED is one such technique that helps to deal with the cost pressures by reducing the waste.

SMED is an approach developed in Japan by San Shigeo Shingo which has proved its effectiveness in many companies, by reducing changeover times from hours to minutes.

Against this backdrop, ACMA Northern Region organised the event, with the objective of helping the companies to witness the actual case studies from various companies, to reduce their non-value added activities.

In all, 10 teams from companies such as Lumax DK Auto Industries

Ltd, Minda Corporation Ltd.(Noida),Rockman Industries Ltd., Sterling Tools Ltd., Sona BLW Precision Forgings Ltd., Rockman Industries Ltd.(H), Lumax Industries Ltd, Mindarika Pvt. Ltd.,Subros Ltd., Spicer India Pvt. Ltd. competed here.

A three member Jury consisted of Mr. Manoj Malhotra, Deputy General Manager – Quality, India Yamaha Motor Private Limited (IYM)., Mr. Seshasai Srikanta, Market Quality, Suzuki Motor Cycle India Pvt. Ltd. and Mr. R. B. Madhekar, CEO, Reliable Business Management Support System

The following teams were adjudicated winners of the 5th SMED Competition of ACMA (NR) for 2017:

1 ST Position	ROCKMAN INDUSTRIES LTD. (H) - TEAM WARRIOR
2 ND Position	SPICER INDIA PVT. LTD. - TEAM PASSION
3 RD Position	LUMAX INDUSTRIES LTD. - TEAM DISHA
	SUBROS LTD. NOIDA - TEAM DIAMOND

IN-HOUSE-TRAINING PROGRAM ON "ART OF EFFECTIVE COMMUNICATION" AT MEENAKSHI POLYMERS PVT. LTD.



ACMA Northern Region organised a training program on "Art of Effective Communication" at the Gurgaon plant of Meenakshi Polymers Pvt. Ltd. on February 24th, 2017.

The basic mission of "Art of Effective Communication" was to find a balance between what is communicated and how excellently it is executed. The session helped in identifying the learning-doing gap.

Effective communication is an essential & crucial component of organizational success whether it is at the interpersonal; inter group, intra group, organizational, or external levels. Communication is the thread which holds people, departments and organizations together, it is the key component of relationships, yet, we tend to take it for granted and overlook its importance. No matter how brilliant and invaluable your idea is, it is worthless unless you can share it with others. However, the ability to communicate effectively does not come easily to many people, and it is a skill that requires practice.

The objective of the program was to improve the efficacy of everyday communication at the workplace, identify attributes of effective communication (Verbal, non-verbal) and the effect of same in the overall communication, giving and receiving feedback, practice

empathic listening, identify one's own influencing skills, understanding different culture & communication and conduct meetings effectively.

The faculty for the training was Mr. Gaurav Ahuja.

TRAINING PROGRAM ON LEAN MANUFACTURING, SHOWA INDIA PVT. LTD., BALLABHGARH

ACMA Northern Region organised a training program on Lean Manufacturing on February 24, 2017 at Meenakshi Polymers Pvt. Ltd., Gurgaon.



Lean manufacturing is the term most commonly used to describe the Toyota Production System (TPS). TPS, is described by the TPS house. At the base, is operational stability, which means creating consistency in methods and tasks, equipment, workplace organization, and output of work, There are two pillars: Just-In-Time means providing the next downstream customer with what they need when they need it and in the right quantity, Built in Quality or Quality at the Source, the second pillar, essentially means never knowingly passing defective product or information to the next downstream customer.

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

The faculty covered the following topics during the 3 days-course of the training on Lean Manufacturing which included:-

Definition of Value Addition, Resource Optimization, 7-Wastages, 3M, 3G/3K/3R, Way to conduct Time Study, TAKT Time/Cycle Time/Lead Time, Practical Examples, Identification of wastages at Shop Floor Understanding different culture & communication, Technical + Motivational Videos

VSM (Value Stream Mapping), Material Flow and Information Flow, Current State Map, Value Added Percentage, Identify Wastages in the Process, Identify Improvement Opportunities (Opportunity Clouds), Prepare Future State Map, Preparation of Action Plan, SMED (Single Minute Exchange of Dies), Technical + Motivational Videos

Cellular Layout – Shop Floor Control, Poka Yoke-Quality Control, OEE (Overall Equipment Effectiveness) – Equipment Control, ITR (Inventory Turn Ratio) – Inventory Control, JIT (Just In Time), Henjuka, Standard Work, Practical Examples, Case Studies, Technical + Motivational Videos

In order to provide a hands-on experience to the trainees, Northern Region also organised a Shop-floor training on Lean Manufacturing.

The trainer thoroughly appreciated "Showa's" initiative in permitting the participants for shop floor training implementation and exhibiting their best practices. ACMA congratulated the initiative of Showa and thanked for its warm hospitality.

TRAINING PROGRAM ON GEOMETRIC DIMENSIONING AND TOLERANCING (GD&T)

ACMA Northern Region organised a training program on Geometric Dimensioning and Tolerancing (GD&T) (Based on ASME Y14.5:2009) for its members of Uttarakhand zone at Endurance Technologies Limited, SIDCUL, Pantnagar on February 27, 2017.



Geometric Dimensioning and Tolerancing (GD&T) is a system for defining and communicating engineering tolerances. It uses a symbolic language on engineering drawings and computer-generated three-dimensional solid models that explicitly describes nominal geometry and its allowable variation.

Mr. Sumit Shandilya, a lean manufacturing consultant from Quality Council of India & National Productivity Council.

TRAINING PROGRAM ON PERFORMANCE MONITORING & BALANCE SCORE CARD

ACMA Northern Region organised a training program on Performance Monitoring & Balance Score Card for its members of Delhi NCR zone on February 28, 2017.

The training session on Balance Score Card aims to provide a more comprehensive view to managers by complementing financial measures with additional metrics that gauge performance in areas such as customer satisfaction and product innovation.



The faculty for the training was Mr. Shalabh Capoor.

The course emphasised Performance Monitoring & Balance Scorecard as a methodology to look at their company from the perspectives of internal and external customers. The faculty, trained the participants on the Performance Monitoring & Balance Score Card. He also shared many Case Study presentations enabling the participants to understand the framework and ably guided them during the question answer sessions.

A similar program was organised in Meenakshi Polymers Pvt. Ltd on March 18th 2017 for its work-force, at Gurgaon plant.

TRAINING PROGRAM ON MOTIVATION IN MANUFACTURING

ACMA Northern Region organised a training program on Motivation in Manufacturing for its members of Delhi NCR zone, on March 07, 2017.



The training session on Motivation in Manufacturing aims to equip participants with the knowledge and understanding to implement motivation in their daily lives for utilizing their true potential.

The objective of the program was to enable the employees towards achieving superior standards of work performance, help the employees in identifying the knowledge and skills required for performing the job efficiently, boosting the performance of the employees by encouraging employee empowerment, promote two way system of communication between the supervisors and the employees for clarifying expectations about the roles and accountabilities, provide process for a transparent feedback for improving employee performance and continuous coaching, identify the barriers to effective performance and resolving those barriers

through constant monitoring, coaching and development interventions.

- Creating a basis for several administrative decisions strategic planning, succession planning, promotions and performance based payment.
- Promoting personal growth and advancement in the career of the employees by helping them in acquiring the desired knowledge and skills.

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

The faculty covered the following topics during the course of the Motivation in Manufacturing, which included:-

Understanding Technical Part of a Department, Understanding the Willingness Part, Challenges In Today's work for Improving the Motivation in job, Willingness to implement the Technical Knowledge to Improve the Current Work load, The Need for Motivation in Work, Need for Self-Analysis and Team Member Analysis for Utilizing the True Potential, Ways to Reduce the Gap between True Potential and Actual Work in Hand, Role of a Manager, Insight into Behavioral Traits and Attitude Towards Life, Personality Development, Self-Motivation, & Need for Leadership Skills.

The seminar showed a number of case studies, motivational videos enabling the participants to understand the framework and ably guided them during the question answer sessions.

ONE DAY TRAINING PROGRAM ON TOTAL PRODUCTIVE MAINTENANCE

ACMA Northern Region organised a training program for its members of Uttarakhand zone, on Total Productive Maintenance (TPM) at Roop Polymers Ltd., SIDCUL, Pantnagar on March 08, 2017. TPM is fundamental of Lean transformation because it cultivates a manufacturing environment of sustainability, reliability, and capability. TPM focuses on keeping all equipment in good working condition to avoid breakdowns and delays in manufacturing processes.

The objective of this program was to reducing unnecessary downtime due to breakdowns, minor stoppages, and quality problems, enhance maintenance and frontline employee engagement and collaboration, systematically learn from equipment related problems so that root causes can be identified and



...Cont. after Cover Story

ACMA automechanika NEW DELHI

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ACMA Automechanika, New Delhi continues to break records The 13th Auto Expo – 'Components Show'

India's leading aftermarket exhibition, ACMA Automechanika New Delhi successfully reinforced its position as a reliable sourcing and networking platform for Indian auto-components and the aftermarket. The exhibition recently concluded in March that hosted 552 exhibiting companies from 17 countries showcasing the latest trends in aftermarket and facilitated serious business discussions over the four days.

This biennial event, apart from being a showcase of innovations, offered an effective trade platform to wholesalers, distributors, traders and component manufacturers for future synergies and partnerships. On display were the latest advancements and solutions in the fields of parts, systems, tuning, workshop equipment, bodywork & paintwork, car wash, IT & management and the automobile services. New product launches and innovative solutions by exhibiting brands will soon make their way to the Indian aftermarket as many exhibitors reported to have gained successful leads and dealer networks on the show floor.

Exhibitors shared that they were positive about the interactions and expecting strong business in the coming months through the high turnout of business visitors at their booths. International participation for this year's edition had increased by 40% in comparison to last edition of ACMA Automechanika New Delhi in 2015. There were six dedicated international pavilions from China, Germany, Korea, Singapore, Taiwan and the United Kingdom

besides individual exhibitors from Hong Kong, Indonesia, Italy, Japan, Malaysia, Poland, Russia, Thailand, UAE and the USA.

As a true showcase of India's component industry's prowess, ACMA Automechanika New Delhi allowed international players to source the best of Indian aftermarket products and technologies besides creating opportunities for business alliances. Since its debut in 2013, ACMA Automechanika New Delhi has grown constantly in both quantity and quality. This year the fair has marked a 28% increase in exhibitors and 25% rise in exhibition space since 2015. Moreover, the exhibition provided visitors an ideal meeting ground with aftermarket players to learn about the opportunities and procure genuine auto-parts, core component technologies and hi-performance aftermarket products from world-leading manufacturers and suppliers.

A total of 15,150 business visitors from India and abroad visited the show, setting a new benchmark with 17% increase in the number of visitors this year. International presence among the visitors was also high and many of them expressed interest in closing deals with the exhibiting companies at the fair.

In order to understand the growing impact of urbanisation, changing customer preferences and choice of vehicle ownerships, ACMA shared a comprehensive study on the "Indian Automotive Aftermarket: The Road Ahead" during the exhibition. According



Successful leads and business closures indicate decision makers walking the show floor at **ACMA Automechanika New Delhi**

552 exhibitors from 17 countries

15,150 visitors during four days

Over 15 new product launches

to the findings of the study the Indian automotive aftermarket, which stood at INR. 56,098 Crore (USD 8.4 billion) in 2016-17, is expected to reach INR. 75,705 Crore (USD 13 billion) by 2019-20 growing at a CAGR of 10.5%. This comprehensive study threw light on the vehicle parc analysis, used car market, taxi market, trends and size of the aftermarket, e-tailing and regulations. The Indian automotive component sector is today a USD 39 billion industry, contributing around 4% to India's GDP.

With an aim to address the rising concerns on counterfeit products sold in the replacement market and spread awareness on road safety, ACMA for the first time also set up an unique safety pavilion titled 'ACMA Safer Drives'. This initiative on road safety and usage of genuine components allowed exhibitors and visitors to evaluate parts and components and to make well-informed procurement decisions. The opportunity was also utilised for sensitising the visitors towards abiding road safety rules and usage of genuine auto parts.

A two-day conference on 'Preparing Aftermarket for Digital Economy & Road Ahead' was also organised concurrent to the fair. The conference popularised the concept of e-commerce and m-wallets and exposed the exhibiting companies, visiting distributors and retailers to new ways of expanding business and transactions. The second day seminar highlighted key trends that stressed upon the future of the aftermarket and covered areas such as vehicle telematics, alternate fuels, vehicle servicing, e-retailing and importantly, GST and its expected impact on distribution channels.

The next edition of ACMA Automechanika, focusing purely on the needs of the growing Indian aftermarket, will be scheduled in February 2019 and will continue to present opportunities in the aftermarket as well as address industry concerns on counterfeit products sold in the replacement market





ACMA automechanika NEW DELHI



addressed, foster productive dialogue between production managers, employees, and maintenance staff.

Mr. Sumit Shandilya, is a lean manufacturing consultant from Quality Council of India. The training covered the topics on Pillars of TPM, TPM Process, The Six Big Losses, equipment effectiveness, TPM Implementation Strategies.

IN – HOUSE TRAINING ON PERFORMANCE MONITORING & BALANCE SCORE CARD PROGRAM AT MEENAKSHI POLYMERS

ACMA Northern Region organised a training program on Performance Monitoring & Balance Score Card on, March 18, 2017 for the work-force, at Meenakshi Polymers Pvt. Ltd., Gurgaon

The training session on Balance Score Card aims to provide a more comprehensive view to managers by complementing financial measures with additional metrics that gauge performance in areas such as customer satisfaction and product innovation.

The balanced scorecard is a strategic planning and management system that is used extensively in business and industry, government, and non-profit organizations worldwide to align business activities to the vision and strategy of the organization, improve internal and external communications, and monitor organization performance against strategic goals.

The objective of the program was to examine the bottom-line contribution of the project in monetary terms, understand the customer perspective at the market value of the project deliverables, as well as stake holder satisfaction, realise critical internal operations that enable a company to increase shareholder value over time, improve the learning and innovation and understand the nature of relations between production process parameters.

The faculty for the training was Mr. Shalabh Capoor with over 30 years of experience. The course emphasised Performance Monitoring & Balance Scorecard as a methodology to look at the company from the perspectives of internal and external customers. The faculty, trained the participants on the Performance Monitoring & Balance Score Card with the help of case study presentations enabling the participants to understand the framework.

ONE DAY TRAINING PROGRAM ON COST OF POOR QUALITY (COPQ)

ACMA Northern Region organised a training program on Cost of Poor Quality (COPQ) for its members of Delhi NCR zone on March 21, 2017.

We have been given to understand that the awareness and knowledge about COPQ is very low in most of the Organizations under the present framework, though few companies are calculating and monitoring COPQ on monthly basis. Emphasis on the cost of poor quality is related to a quality improvement, rather than just quality cost measurement.

The objective of this program was to understand the impact of measuring the cost of poor quality, identify the quality costs in an organization and understand the process for measuring the cost of quality.

The course emphasised on reducing COPQ for increasing profits, for

improving quality management systems, various rules were discussed for reducing COPQ, formula for calculating COPQ taught, then root cause analysis and countermeasures were imparted during the training session.

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

ANNUAL SAFETY CONVENTION AT BORGWARNER COOLING SYSTEMS INDIA PVT LTD

The sixth edition of the Annual Safety Convention of ACMA Southern Region was held on March 24, 2017 at Borgwarner Cooling Systems India Pvt Ltd, Chennai.

Borgwarner Cooling Systems India Pvt Ltd hosted the Annual Safety Convention gave an overview of the company. Mr. Sivakumar, Sales Lead covered during the presentation the various locations of Borgwarner and also their product portfolio.

This was followed by the Best Safety practices presented by Mr Praveen – HR Lead. Mr Praveen presented on Global Star Safety Framework which included 20 elements in safety assigned and taken care of by a cross functional team. The framework is broadly divided into Management commitment, employee involvement, worksite analysis, hazard prevention and control and training.

Mr R M Senthil Kumar, DGM – Health & Safety, Hyundai Motor India Ltd. gave a presentation on the topic behavioral based safety. He emphasized on awareness training and rewards including analysis of root cause for accidents which improves safety. He explained the six pillars of Behavioural Based Safety and how it could develop a safety culture in the workplace. He further shared glimpses of safety competitions carried out at Hyundai for employees, contractors, employee spouse and children.

The safety practice includes LOTOTO (Lockout Tag out & Try out), 3rd party Electrical Safety Audit, thermography testing, CAPEX – Electrical Safety for Machines, low cost - temperature gun testing, electrical work permit systems and electrical safety check sheets.

The Annual Safety convention concluded with a new initiative - the winners of the Safety Kaizen – Delphi-TVS Diesel Systems were invited to present their Safety Kaizen. Mr Palaniappan, Engineer from Delphi-TVS Diesel Systems Ltd. presented and explained in detail how the Kaizens helped the company enhance safety.

Many implementable ideas formed takeaways from the Annual Safety Convention attended by 22 delegates from 7 companies.

TRAINING PROGRAM ON PFMEA (PROCESS FAILURE MODE EFFECT ANALYSIS)

ACMA Northern Region organised a training program on Process Failure Mode Effect Analysis (PFMEA) for its members of Uttarakhand zone, at Endurance Technologies Limited, SIDCUL, Pantnagar on March 27, 2017.

FMEA is a procedure in operations management for analysis of potential failure modes within a system for classification by severity



or determination of the effect of failures on the system.

The objective of this program was to identify failures in product or process design at the beginning to eliminate the cause and understand how to organize, plan and run an FMEA project.

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

TRAINING ON FIRST AID AT LUMAX INDUSTRIES LTD. BAWAL

ACMA Northern Region organised a training program on First-Aid at Lumax Industries Bawal, from March 28 to 29, 2017 with the help of Indian Red Cross Society.



The aim of the training was to provide an opportunity to make workforce of Lumax Bawal, understand about the Emergency Medical Services (EMS) and disseminate the steps involved in First Aid to spread the Safety Norms amongst the training participants. First Aid can be defined as an emergency aid or treatment given to someone injured, suddenly ill, etc., before regular medical services arrive or can be reached.

The objective of the Training was to save life and property, minimize injuries to prevent them from happening, hasten recovery and instigate the presence of mind during accidents amongst the public.

The faculty for the training was Dr.Sunil Pal.

A similar program was organised for Lumax Industries Dharuhera, on 30th and 31st March, 2017.



7th ACMA INVITATIONAL GOLF TOURNAMENT

ACMA Northern Region organised the 7th edition of Invitational Golf Tournament on March 23, 2017 at Ambience Greens Golf Course, Gurgaon. Since its introduction, ACMA Northern Region's Golf Tournament has become a popular event amongst the automotive community to the extent many golfers from across India look forward to meet and network with their contacts and establish new ones. Like in the past OEMs, ACMA members, Senior Government officials, and eminent Golfers from PAN India participated in the event. In all 36 Golfers played at the tournament.

The Key participants from the ACMA Executive Committee included, Mr. Rattan Kapur, President, ACMA & Chairman & MD, Mark Exhaust Systems Ltd., Mr. Sunil Arora, Chairman-NR, ACMA & MD, Abilities India Pistons & Rings Ltd., Mr. Piyush Tamboli, Chairman, WR, ACMA & CMD, Investment & Precision Castings Ltd., among other key dignitaries.

The winners of the tournament were:

- | | |
|-----------------------------------|--------------------------|
| 1. Closest to the pin | Mr. Jagdeep Singh Rangar |
| 2. Max. Pars | Mr. Kirat Singh |
| 3. Max. Birdies | Mr. Jaiveer Singh |
| 4. Winner Ladies | Ms. Vidya Basarkod |
| 5. Runner up Nett (1-12) | Mr. Anil Minda |
| 6. Winner Nett (1-12) | Mr. Vivek Talwar |
| 7. Runner up Nett (13-24) | Mr. V. K. Jayaswal |
| 8. Winner Nett (13-24) | Mr. Aayush Poddar |
| 9. Winner Nett- Invitee | Mr. Rajan Sehgal |
| 10. Winner Gross - Invitee | Dr. Sujit Nagrath |
| 11. Runner up Gross | Mr. Anuj Batra |
| 12. Winner Gross | Mr. Rattan Kapur |

The winners of the Tournament were awarded at the valedictory ceremony by Mr. Rattan Kapur, President, ACMA and Mr. Sunil Arora, NR Chairman, ACMA.

SOUTHERN REGION

1st POKA YOKE COMPETITION & 6th SMED COMPETITION

ACMA Southern Region organized the 1st Poka Yoke Competition and 6th SMED Competition at Radha Regent, Chennai on February 18, 2017. 21 Poka Yoke Teams and 11 SMED teams took part in the competition. The jury for the competition was led by Mr S K Govindaraju, Vice President - Purchasing, SAME Deutz Fahr India P Ltd, along with Mr K R Bhoopalan, Expert – ACMA ACT, Mr Rajan Ramanathan, Senior Counsellor, UNIDO ACMA and Mr D Sekar, Counsellor - UNIDO ACMA.



Presentations on Poka Yoke included areas of Quality, Safety and Productivity with some very low cost and innovative ideas. SMED practices also showcased, how teams have evolved through brainstorming ideas that reduced the set up time, thereby enhancing productivity and safety.

Mr J Sridhar, Zonal Co-ordinator, ACMA & CEO, Magal Engineering Tech Pvt Ltd. in his valedictory session inaugural address mentioned that the competition is one of initiatives of ACMA to provide a platform to the workforce to show how their involvement, ideas and team work, improves productivity thereby giving more value for the money for customers.

The Jury Chairman, Mr S K Govindaraju thanked ACMA for the opportunity given to him. He appreciated the format and the efforts of ACMA in making efforts to give a structured platform for cross learning, idea sharing and generation and at the same time motivate the people who actually worked on these improvements to showcase their skills

The following were adjudicated as winners of the competition:

1st POKA YOKE COMPETITION

1 ST Position	LUCAS TVS LTD - WARRIOR
2 ND Position	WHEELS INDIA LTD - CREATIVE BOYS
3 RD Position	FAURECIA - ROCKERS

6th SMED COMPETITION

1 ST Position	TURBO ENERGY PVT LTD - TURBO CHARGES
2 ND Position	INDIA JAPAN LIGHTING PVT LTD - MASTERMINDS
3 RD Position	SUNDARAM CLAYTON LTD - JURAN

Participants appreciated the competitive platform and mentioned of many ideas as take away from the event.

Over 100 participants including the contestants participated in the day-long event.

WORKSHOP ON EFFECTIVE NEGOTIATION

Negotiation Techniques if applied effectively can enhance competitiveness of business. It can be applied with customers, suppliers and with any agency or person where business dealings exist. People who are involved in negotiations should understand challenges and proven techniques to derive the benefits.



Focusing on the need and benefits of negotiations, ACMA Southern Region Karnataka & Hosur Zone organised a one-day training on "Effective Negotiations" on February 21, 2017 in Bangalore to help in understanding challenges and proven techniques of negotiation to apply in day-to-day business.

Mr. P S Satish, was the faculty for the workshop, stressed upon the role of communication and body language, which plays a key role on in the negotiation process.

The participants interacted and clarified all their doubts and looked more confident on this subject. However it needs to be developed regularly through practice, as suggested by the faculty.

9 participants from member companies joined the workshop.

VISIT TO HANON AUTOMOTIVE SYSTEMS INDIA PVT LTD & IP RINGS LTD

ACMA Southern Region organized a visit to Hanon Automotive Systems India Pvt Ltd and IP Rings Ltd to understand the best practices followed in the companies, on February 24, 2017.

Mr Rana Mathew, Deputy General Manager, Marketing & Corporate Communications during the visit to Hanon Automotive Systems India Pvt Ltd gave a brief of the company. The presentation also covered technology and industry recognition achieved by the company.



Mr Ravi, Practising Safety Officer also presented on Best safety practices followed at Hanon Automotive Systems India Pvt Ltd. He explained to members on safety mindset, safe practices, safe people, safe systems and safe machines. He further explained safety initiatives, safety culture, daily maintenance check lists, safety training programs and safety committee at Hanon. The company followed 6S audits on daily basis with the additional "S" as safety.

Mr Prabhu, Director & Plant Manager, Hanon Automotive Systems India Pvt Ltd, interacted with the delegation and shared some of the best practices which included energy conservation. Citing example, he mentioned that reflective paints were used on roof top to reduce

heat thereby increasing the effectiveness of the air conditioning and reduction of heat on the shop. Autolux controls were installed to conserve energy consumption.

The shop-floor had a visual factory concept with the "POPS 330 strategy" mentioned at various locations which meant 30% improvement in all aspects within 3 years.

IP Rings Ltd showcased WSM (Work Space Management). Mr Balachandar – General Manager – TQM shared their company overview, product range manufactured. IP Rings also presented in house manufacturing facilities, like surface coating, orbital cold forming process, and work space management in business unit. The shop floor showcased the processes discussed during the presentation to members. The members benefitted from the detailed presentation. and shop floor visit. The members appreciated the concept of plant visit that added value to their learning.

ANNUAL SAFETY CONVENTION AT BORGWARNER COOLING SYSTEMS INDIA PVT LTD

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WESTERN REGION

ACMA

(Western Region)

Interactive Session with President & Vice President, ACMA



INTERACTION WITH PRESIDENT & VICE PRESIDENT OF ACMA

As a part of annual regional event, ACMA Western Region organized an interactive session with Mr. Rattan Kapur, President and Mr. Nirmal Minda, Vice President, ACMA on 6th & 7th February 2017 at Pune and Ahmedabad respectively.

Mr. Rattan Kapur shared his views on the current state of economy and the industry. Mr. Kapur said "despite challenges, the auto component industry registered a satisfactory growth of 8.8%, scaling USD 39 billion in FY2016. While overall manufacturing exports from India witnessed de-growth, the Indian auto component industry exports grew by 3.5% to USD 10.8 billion."

Speaking on Union Budget Mr. Kapur said the emphasis on strengthening the rural economy will lead to positive impact on demand for vehicles, especially two wheelers and farm equipment. Also ACMA welcomes the reduction in corporate tax on MSMEs giving them the much needed encouragement and relief, over 70 per cent of the companies engaged in the auto component sector are small and medium enterprises. That apart the budget has an enhanced allocation of Rs 745 crore for electronics manufacturing under the MSIP scheme.

Apprising the members on Government meetings Mr. Kapur mentioned that ACMA shared its concerns with Secretary of Heavy Industries, Secretary Road Transportation and Secretary Commerce & Government of India who have acknowledged to support the auto component manufacturing.

Mr. Nirmal Minda, Vice President, ACMA presented an overview on various services provided by ACMA and informed members about future engagements and initiatives which are scheduled in 2017.

Mr. Piyush Tamboli, Chairman Western Region apprised the members about various new activities organised in the Western Region such as "Innovation Led Transformation" and the Best practices competition focused on Safety, Energy Conservation, Poka-Yoke etc. Mr. Tamboli mentioned ACMA Western Region organizes regular activities in all parts of the Region. He urged members for their suggestions and feedback to improve the services and delivery.

The senior officials from customers such as Tata Motors, Bajaj Auto Ltd, Ford, Mahindra & Mahindra, Piaggio, JCB, Jaguar Land Rover, Man Trucks & Volkswagen India, HSMI also joined and interacted with members.



2ND BEST PRACTICE COMPETITION IN GUJARAT ZONE

In order to recognise the efforts of the member companies in the field of Best Practices ACMA (Western Region) organized 11nd edition of Best Practices Competition on February 18, 2017 in Ahmedabad.

17 teams & 12 delegates from component manufacturers having plant in Gujarat namely Advik Hi-Tech Pvt Ltd, Badve Engineering Ltd., Bony Polymers (P) Ltd., FAG Bearings India Ltd., Goldseal Saargummi India Pvt Ltd., Mahle Behr India Pvt Ltd., New Swan and Supreme Treon Pvt. Ltd., participated in the event.



Mr. R Shankar, Team Manager, from Ford India Pvt Ltd, Sanand and Mr. Nitin Borkar, Head- TML Sanand Supply Chain, Tata Motors Ltd, Sanand were the jury.

Mr. Patel gave away the awards to the following -

Under LCA

1 ST Position	FINDER - FAG BEARINGS INDIA LTD, VADODARA
2 ND Position	THE BENCH MARKETS-SUPREME TREON PVT LTD, SANAND
3 RD Position	MAHLE FIGHTER - MAHLE BEHR INDIA PVT LTD, SANAND

Due recognition was given to the presentation under safety :-
ANPO – Badve Engineering Ltd., Vithalapur

Under Poka-Yoke

1 ST Position	ADVIK - ADVIT HI TECH PVT LTD, GANDHINAGAR
2 ND Position	GOLDSEAL SANAND - GOLDSEAL SAARGUMMI INDIA PVT LTD, SANAND
3 RD Position	INTELLIGENT - BADVE ENGINEERING LTD, VITHALAPUR
3 RD Position	UDAAN - NEW SWAN ENTERPRISES, VITHALAPUR

Due recognition was given to the presentation under safety – The trend setter – Supreme Treon Pvt Ltd., Sanand



ONE DAY WORKSHOP ON "EMOTIONAL INTELLIGENCE"

The term "emotional intelligence" generally refers to the way in which we process the emotions that we experience. Few researchers define it as "individual differences in identifying, expressing, understanding, regulating, and using emotions."



Emotional competency impacts life and adjustment on many levels. There are numerous researches, which demonstrate that higher trait or ability emotional competency is associated with greater psychological well-being [greater well-being, higher self-esteem, and lower risk to develop psychological disorders or burnout], improved social relationships [better social relationships], greater academic achievement, higher job performance, and improved physical health.

With this backdrop ACMA Western Region organised one day workshop on "Emotional Intelligence" on March 2, 2017 in Nashik.

The workshop was aimed for Executives, Managers, Front line sales, Maintenance, Operational Excellence and Customer service personnel.

Ms. Deepali Patrikar, subject matter expert and corporate trainer was the faculty.

There were record 40 participants, program was appreciated by participants and the feedback was encouraging.

17th ACMA WR HR FORUM MEETING

The 17th ACMA Western Region HR Forum Meeting was held on March 06, 2017 at MAHLE Behr India Ltd. Chakan, Pune.



At the meeting the latest amendment in contract labour abolition and regulation Act, 1970 and sharing of experience of wage agreement was discussed.

Dr. S. V. Bhawe, Sr Vice President - HR,IR and Admin, Bharat Forge Ltd , & Mr. A. B. Shah, Vice President – IR & Admin, Bharat Forge Ltd. highlighted the key points of the contract labour abolition and regulation Act, 1970. Both Dr. Bhawe and Mr. Shah also explained in detail what would be deemed as factory within factory as per the law.

Sharing expiring of wage agreement Mr. Yashwant G. Patil, Head - HR , Concentric Pumps Pune Pvt. Ltd. Concentric AB Group presented the highlights of the wage agreement of his Company. Mr. Patil mentioned that a cordial relation with union helps to smooth transition towards settlement.


In all 21 HR professionals attend the meeting and participants appreciated maintaining continuity of ACMA Western Region HR Forum meetings.



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TWO DAY WORKSHOP ON "TRADE FINANCE"

India is an emerging economy with free flow of goods and services between states depends to a great extent on transfer of funds for settlement of trade transactions. Trade being one of the important arm of the economy, arranging payments for goods and services is one of the key functions of the business and industry. Due to a remarkable increase in these transactions there is a huge demand for trained professionals in Trade Finance.

In order to meet the growing need for trained professionals in the field of Trade finance, ACMA Western Region with support of Symbiosis Institute of Management Studies organized two day workshop on "Trade Finance" on 8th-9th March 2017 in Pune.

The workshop was aimed for Accounts/Finance/Marketing and sales departments.



Mr. Suresh Krishna Vaze, C.A.I.I.B, was the faculty for the program.

The following key topics were covered during the workshop :

- Trade Finance Products and Processes
- Intricacies involved in various trade Transactions
- Process of scrutiny of documents under LC
- Remittance services
- Aspects on Costing
- Shipments Inputs on Handling Exports
- Inputs on how to minimize risks associated with Export activity
- Upon completion of the program, each participant will be awarded Certificate of Participation

There were 13 participants, program was appreciated by participants and the feedback was encouraging.

2nd BEST PRACTICES COMPETITION

Enthusied with overwhelming response and feedback at the 1st Best Practices Competition held in March 2016 in Pune , ACMA Western Region organized 2nd edition on 17th March ,2017 in Pune.

The Best Practices Competition was held under three category:

- 1) Energy Conservation
- 2) LCA (Low Cost Automation) and
- 3) Poka -Yoke

The purpose of organizing the Best practices competition is to create a platform that provides an opportunity to showcase the capability , share the experience, learn from others and most important

motivate the employees who have contributed in building organization by embracing Best Practices. ACMA Member companies were invited to present the case studies in respect of the Energy Conservation, LCA and Poka-yoke implemented, Results achieved and scope and plan for horizontal deployment in their respective organization.

The Jury consisted of Mr. Nitin Afajalpurkar, Deputy General Manager- Six Sigma Services , John Deere India Pvt Ltd and Mr Ravindra Borawake, Senior Manager, Mahindra Chakan plant.

The Jury members were impressed to see the Best Practices implemented by the ACMA member companies and appreciated the team work and efforts made for continuous improvements. Congratulating ACMA for creating awareness about best practices among its members in such effective manner, the Chief Guest, Mr. Vinay V Patil, General Manager- Plant Quality Head –GM India Global Propulsion Systems –Talegaon, Pune said "Quality is nothing but attitude". We need to develop good behavior and habit of making quality product at competitive cost. Mr. Patil congratulated the winners and presented the awards. Certificate of participation was presented to all the participants. The 25 teams participated in the competition (4 under Energy Conservation, 10 under Poka-Yoke and 11 under LCA), following teams were announced winners :

Under Energy Conservation :

POSITION	TEAM NAME	COMPANY NAME
1 st	Bharat Forge	Bharat Forge Ltd., Pune
2 nd	Sunrise	Badve Engineering Ltd., Pune
3 rd	Energy Drivers	NRB Bearings Ltd., Pune

Under LCA Category :

POSITION	TEAM NAME	COMPANY NAME
1 st	Phoenix	Mindarika Pvt Ltd., Pune
2 nd	Warrior	Minda Vast Access Pvt Ltd., Pune
3 rd	TACO CD-1	TATA Autocomp Systems Pvt Ltd., Pune

Under Poka-Yoke Category:

POSITION	TEAM NAME	COMPANY NAME
1 st	Innovators	Fairfield Atlas Ltd., Kolhapur
2 nd	Arjun	Autocomp Panse Corporation Pvt Ltd., Pune
3 rd	Sai	Yeshshree Press Comps Pvt. Ltd., Aurangabad

In addition to the above, the presentation made by team Minda Industries Ltd, Pune and Varroc Engineering Ltd., Aurangabad were judged the best under safety category .

5S COMPETITION

ACMA Western Region organised First Ever 5S Competition with FIAT India, John Deere India , Mahindra Vehicle , TATA Motors and Volkswagen India. At the competition forty companies applied, out of which twenty were selected for site assessment. Based on site assessment final eighteen companies were selected for the competition which was held on March 17, 2017 at Pune.

The following were the winners of the competition:

1 ST Position	BHARAT FORGE LTD.
2 ND Position	SPICER INDIA PVT. LTD.
3 RD Position	INA BEARINGS INDIA PVT LTD.

Runner-up :

1 ST Runner up	SHRINIWAS ENGINEERING AUTO COMPONENTS PVT. LTD.
2 ND Runner up	KSPG AUTOMOTIVE INDIA PVT. LTD.
3 RD Runner up	BADVE ENGINEERING LTD.





ONE DAY TRAINING PROGRAM ON "COMPLIANCE MANAGEMENT - UNDER LABOUR LAW"

Good Governance implies 100% compliance of legal requirements under the various statutes. There are varieties of labour laws applicable to the establishments/organizations. Adherence to the various provisions of these labour laws is a herculean task for all the employers/HR/IR/legal officers.

Non adherence to this attracts, heavy penalties including imprisonment in some cases over and above the ill reputation of the organization. Non-compliance is also one of the major causes for

unrest affecting the growth of the Enterprise. Compliance also ensure healthy relationship at workplace, which enables the performance of the workforce.

With this backdrop, ACMA Western Region organised one day training programme on "Compliance Management- under Labour Law "on March 21, 2017 in Pune.

The workshop was aimed for professionals responsible for the statutory compliances under various labour laws in the organization.

Mr. Shrinivas Inamati, a well-known specialist in industrial and labour laws was the faculty. He was accompanied by Mr. Vivek G. Vibhute, Former Sr. VP HR at Kirloskar Oil Engines Ltd & Mr. Vijay Jagtap

There were 24 participants and the feedback was encouraging.

15th MRM OF ACT 3rd ENGINEERING EXCELLENCE CLUSTER

ACT organized the 15th MRM – 3rd Engineering Excellence Cluster at Hero Motors Ghaziabad on February 4, 2017. Mr. Amit Gupta, CEO-Hero Motors Ltd. and Mr. Mandeep Singh, Cluster CEO welcomed the delegates from ACT and expressed happiness with the progress made in the engineering excellence cluster.

Mr. Dinesh Vedpathak, Head Cluster Program ACT & Mentor, ACT EEC-3 program stressed on improving the overall culture and operations in manufacturing such as focusing on clean environment and upkeep of machine tools. The cluster programs aims to achieve lean electrical panels, coolant systems, hydraulic systems, lubrication systems and optimization of space to bring about a clean manufacturing shop-floor.



Such activities reduce the cost of manufacturing which translates into an overall capital benefit to the company.

The program was well received by 35 delegates.

2nd REVIEW MEETING - ACT 1st EXPORT CLUSTER

ACMA Centre for Technology organized the 2nd review meeting on 1st Export cluster at Gajra Gears Pvt Ltd, Dewas on 13 February 2017 and Madhusudan Auto Ltd and Stork Rubber on 23 February, 2017, Gurgaon.



Mr. Uday Harite, ACT counsellor gave the participants training on firewall. The firewall acts as a check point after final inspection or PDI that safeguards the customer from receiving damaged products. Perennial products are taken up at firewall.

10th MRM OF ACT ADVANCE CLUSTER 6 & 7

ACT organized a series of programs alongside the 10th MRM of ACT Advance Cluster 6 & 7 that were QCC Competition, plant visit & Kaizen wall review on February 21, 2017 at Rockman Industries Ltd., Ludhiana and Chopra Industries Pvt. Ltd., Ludhiana.

Mr. Kamaljit Bhatti Cluster CEO, Rockman Industries, welcomed all the delegates and expressed his happiness for hosting the MRM for the second time.

At the Rockman facility Mr. V.K. Sharma, Dy. Head Cluster Program



At the QCC competition all participating the companies gave the presentation, basis which winners were declared.

QCC Winners: -

- **Advance Cluster-6** - Sandhar components-Bawal
- **Advance Cluster-7** - Chopra Industries-15E-Ludhiana

The delegates visited Chopra Industries where Mr. Rishi Chopra, M.D Chopra Industries (Plant 1) welcomed all the delegates.

Mr Jatinder Chopra, Chairman, Chopra Industries expressed his happiness by associating with ACT. In a competitive industry like auto components one must focus to achieve customer's needs based on Productivity, Quality & Delivery. In order to grow companies must wean out poor quality / losses / breakdowns / poor 5S & accidents in his company for developing the good environment.

Thereafter a Kaizen Competition was held. The Kaizens were categorized under innovations & Shining improvements.

Best Kaizen Winners: -

- **Advance Cluster-6** - Rockman Industries-Ludhiana & Sterling tools-Faridabad
- **Advance Cluster-7** - Chopra Industries-unit-1-Ludhiana & Meenakshi Polymers-Haridwar

8th MRM OF ZED CLUSTER 1

ACT organised the 8th MRM ZED cluster on 22nd & 23rd February, 2017 to spread the concept of Zero Defect quality. ACMA Centre for Technology is also in the process to launch a seven day certification course to support digital manufacturing through innovations in IT.



ACT trained the delegates on 'Line balancing' as a lean manufacturing concept. Line balancing is achieved through - splitting of operations / combining of stages based on cycle time, manual process to Auto process, operator work load balancing. For smooth flow, gradient should be maintained (From the First process onward). Pull system introduction, Zero WIP, Consistency of Quality & Quantity are other requirements of a lean continuous flow.



16th MRM - ACT ENGINEERING EXCELLENCE CLUSTER - 3

ACMA Centre for technology organised the 16th Engineering Excellence Cluster on March 2, 2017 at JK Fenner plant that focused on Lean fixtures at JK Fenner on 2nd March, 2017. ACT chairman visited J K Fenner (India) Ltd, which is undergoing ZED Cluster program.



The cluster program has helped the company in achieving digital manufacturing using barcodes in operations. Additionally, the unit has become dust free by modifying dry to water based dust collection systems

13th MRM & MODEL PLANT VISIT OF ACT FOUNDATION CLUSTER - 9

The ACT Foundation cluster 9 held on March 22, 2017, progressed well. The program focused on employee motivation, monitoring information of fire fighters and accidents in real time. The program yielded good result with positive customer and visitor feedback.

2nd ZED CLUSTER – COUNSELING VISIT



The 2nd ZED cluster was organized on 23 March, 2017 in Chennai that covered 5 Senses to sensitize employees to capture errors before defect is generated.

ACT CHAIRMAN'S VISIT TO ZED CLUSTER PLANTS



The visit of Mr Srivats Ram, chairman ACT was organized in J K Fenner (India) Ltd in Madurai on March 24, 2017 to showcase the improvements that the company has underwent over the period. The company has removed all inventories from RM and WIP from the plant and have moved towards live inventory in less than a day. In spite of being a rubber plant , company has achieved dust free status by modifying dry to water based dust collection systems. Company has initiated digital manufacturing program starting with use of barcodes from the first phase of product manufacturing to the last phase of operation.

5th MRM OF NPD FOUNDATION CLUSTER - 2

ACT organized 5th MRM of NPD foundation cluster - 2 on March 25, 2017 at IP Rings, Chennai. The program focused on setting aggressive and rigorous approach on cluster targets and deliverable and quick identification of defect modes in current products and new products in companies.



ACT SETS A VISION TO TRANSFORM 8000 COMPANIES IN NEXT 3 YEARS

ACMA Centre for Technology conducts its review meeting to calibrate the learnings & work towards future need of the industry. This time the review was conducted in Thailand on March 17, 2017 followed by two plant visits.

Currently there are 19 different types of cluster programs with a total of 32 clusters operational. Till date ACT has supported 650 companies.

Mr. Srivats Ram, Chairman ACT shared his thoughts on continuous improvement, finding out new areas and start working with partners for better results. He suggested that we have to focus on academia/schools for building a culture of improvement.

Mr. Vinnie Mehta (Director General ACMA) appreciated efforts of ACMA center for technology team that has brought a substantial transformation in manufacturing companies with the introduction of lean practices.

The ACT team visited Mercedes – Benz, CKD Manufacturing Plant, Bangkok & Tokai Rika Thailand Company (TRT), Thailand on March 16, 2017 to learn about green surroundings, factory visuals, efficient material handling & material logistics, compact layout and the robust monitoring & review system.



ACMA AWARDS

2017-18

The ACMA Awards are today among the most coveted recognitions of the Auto Component Industry. The awards process has been continuously refined and honed to truly reflect aspects of current world-class manufacturing practices.

ACMA Awards have a long history of about 50 years. Excellence in Exports was the first Award instituted in 1966. Thereafter Technology Award, Quality Awards & Productivity Awards were instituted. In the year 2002, Quality Awards and Productivity Awards were merged and one single award was instituted, viz. Excellence in Quality & Productivity Award. Manufacturing Excellence Award was instituted in the year 2003. Mfg. Excellence Award is based on the Shingo Award Model instituted by Utah University, USA.

Being an environment cautious organization, ACMA Awards online management system was introduced in 2014. Thereafter, Manufacturing Excellence MSME Category and HR Excellence awards got instituted in 2015, followed by Supplier Development

Award in 2016. This year, we are introducing Best ACMA Company of the Year, Excellence in HSE (Health, Safety & Environment), Small Category Awards and Technology awards redesigned separately for Product & Process Innovation.

As the ACMA awards have grown in stature and has become a coveted award therefore for the first time ACMA awards will be organized alongside ACMA Centre for Technology (ACT) Summit which would be held in December 2017 at Pune. The final dates of the award ceremony are being worked out.

Members are requested to download appropriate templates from 10th April 2017 and start collecting required data. 'ACMA Awards Online Management System' will be accessible from 21st May 2017 for filling and submitting applications online.

We are pleased to invite applications for the year 2016-17 under following categories:

Categories

Excellence in Export

Excellence in Technology - Product Innovation

Excellence in Technology - Process Innovation

Excellence in Quality and Production

Recognition in Manufacturing Excellence

Excellence in HR (Human Resource)

Excellence in Supplier Development

Best ACMA Company of the Year

Excellence in HSE (Health, Safety, Environment)

Small Category Awards

FOR TECHNICAL QUERIES	FOR ADMINISTRATIVE QUERIES
Mr. V K Sharma, Email- vk.sharma@acma.in Mobile- 9811392068	Ms. Sakshi Karkamkar, Email- sakshi.karkamkar@acma.in Mobile- 7387002181, Desk phone- +91-20-66061219 (Ext 29)
Ms. Sapana Baravkar, Email- sapana.baravkar@acma.in Mobile- 7350703339	Mr. Binny Tomy, Email- binny.tomy@acma.in Mobile- 9711138869, Desk phone- +91-11-26160315
Ms. Sanjay Karne, Email- sanjay.karne@acma.co.in Mobile- 9822324042	Mr. Vinayak Jadav, Email- vinayak.jadav@acma.co.in Mobile- 9922001993, Desk phone- 91-20-66061219

YBLF VISIT TO SOUTHERN REGION- CHENNAI



YBLF organised a two days visit to Chennai on 23 & 24 March, 2017 with a 30+ members participation

The delegates visited Hyundai Motor India Limited, Sriperumpudur, Daimler India Commercial Vehicles Limited, Sriperumpudur and interacted with Mr. Vinod Dasari, Managing Director, Ashok Leyland Ltd., Chennai. The key learnings from the visit was about automation, BB Kanban system, collaboration and its impact on growth, lean methodology at Daimler, supermarket structure along manufacturing line, greater involvement with staff including feedback loops to create an efficient system among others.

The feedback was extremely encouraging and the participants were thrilled to be part of the delegation.



VISIT TO WESTERN REGION - PUNE



YBLF organized two days visit to western region in Pune on 28th February to 1st March, 2017. The program included interaction with senior management and visit to SANY Heavy Industry India Pvt. Ltd., interaction with senior management team of Force Motors Ltd., Chakan, discussion with Mr. Sudhir Rao, Managing Director, SKODA AUTO India and visit to Mercedes Benz plant, Chakan

During interactions all the participants took this opportunity to learn level of automation used in all these plants. The feedback was extremely encouraging and the participants were thrilled to be part of the delegation.



MEMBERS ROOM

EASTERN REGION Ordinary Membership

Pushkar Techno Private Limited
48-B, Phase-I, Industrial Area, Adityapur,
Jamshedpur-832109, Jharkhand

SSI/Large & Medium/Etc.: SSI
Products Manufactured: Pressed & Fabricated
Sheet-Metal Auto Components
Certification to ISO 9000 & QS 9000:
ISO 9001:2015 by DRS

NORTHERN REGION Ordinary Membership

Meghdoot Pistons Private Limited
6, Industrial Estate, Nunhai,
Agra-282006
U.P.

SSI/Large & Medium/Etc.: SSI
Products Manufactured: Pistons, G. pin,
sleeves & liner
Certification to ISO 9000 & QS 9000:
ISO 9001:2015 by QRO

Jayanti Rubber Industries
Plot No. 233, Sector 6,
IMT Manesar, Gurgaon-122050

SSI/Large & Medium/Etc.: SSI
Products Manufactured: Control cable
protectors, exhaust part, rubber parts,
exhaust rubber hangers, automotive rubber
metal parts, control cable parts.
Certification to ISO 9000 & QS 9000:
ISO 9001 : 2008 by DRS

Atop Fastners Pvt Ltd
Plot No. C 162, Phase VIII,
Industrial Area,
Mohali-160071, Punjab

SSI/Large & Medium/Etc.: Medium

Products Manufactured: Spring steel sheet,
Metal parts, Spring Washers Circlips,
Machined parts, Keys, Dowel Pins, Spring
Dowel Sleeves, CNC Parts, Spline Washers,
Nut Springs, Nut Clips.
Certification to ISO 9000 & QS 9000:
ISO/TS 16949

Silco Cables
C-8, SHA Industrial Estate,
G. T. Karnal Road,
Delhi-110033

SSI/Large & Medium/Etc.: SSI
Products Manufactured: Control Cables And
Wires Like Clutch, Gear, Accelerator Etc.
Certification to ISO 9000 & QS 9000:
ISO 9001 : 2008

Zenith Industries
Plot No. 1100, 1101, Industrial Estate
Salempur Rajputana,
Roorkee-247667 Uttarakhand

SSI/Large & Medium/Etc.: SSI
Products Manufactured: Glow Plugs,
witches, Meters & Gauges
Certification to ISO 9000 & QS 9000:
ISO 9001:2008 by URS

B. J. Spring Limited
Village kaily,
Khandwali Road, Ballabgarh
Faridabad-121004, Haryana

SSI/Large & Medium/Etc.: SSI
Products Manufactured: Production Of Leaf
Springs, Leaf Springs Assemblies, U-Bolts &
Other Automotive Parts.
Certification to ISO 9000 & QS 9000:
ISO 9001 : 2008, ISO/TS 16949:2009

WESTERN REGION Ordinary Membership

Fitco Engineers Pvt. Ltd.
212, Gokul Industrial Estate
Marol, Andheri East
Mumbai-400039

SSI/Large & Medium/Etc.: SSI
Products Manufactured: Orings, Oil Seals,
Hydraulic Seals, Teflar Parts, Silicane Rubber
Profiles
Certification to ISO 9000 & QS 9000:
ISO 9001:2008 Company

Flometallic India Pvt. Ltd.
Plot No. 824, GIDC
Jhagadia - 393110
Gujarat

SSI/Large & Medium/Etc.: Large
Products Manufactured: Brakes castings and
engine bearing cap castings, turbo charger
parts, common rail castings, steering
knuckles, caliper housing and brackets, truck
parts
Certification to ISO 9000 & QS 9000:
ISO 14001:2004 by BV
BS OHSAS 18001:2007 by BV

**Yapp India Automotive Systems Pvt.
Ltd.**
Plot No. A-3/A, Chakan Industrial Area,
Phase II Village Khalumbre, Taula Khed,
Chakan, Off. Chakan-Telegaon Road,
District Pune, Maharashtra-410501

SSI/Large & Medium/Etc.: Medium
Products Manufactured: Plastic Fuel Tanks
Certification to ISO 9000 & QS 9000:
ISO TS-16949, ISO 14001:2004,
OHSAS 18001:2007

RSK Motors
4C Purshottam Building, Tribhuvan Road,
Mumbai-400004

Products Manufactured: Air Compressor
Reed Plates and Spring Bushes
Certification to ISO 9000 & QS 9000:
ISO 9001:2008 by JAS



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