

ACMA

Automotive Component Manufacturers Association of India

Aug-Sept 2017

AUTONEWS

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ANNIVERSARY ISSUE



Special Report on
57th ACMA Annual Session

**N. K. Minda Appointed
As President, ACMA**



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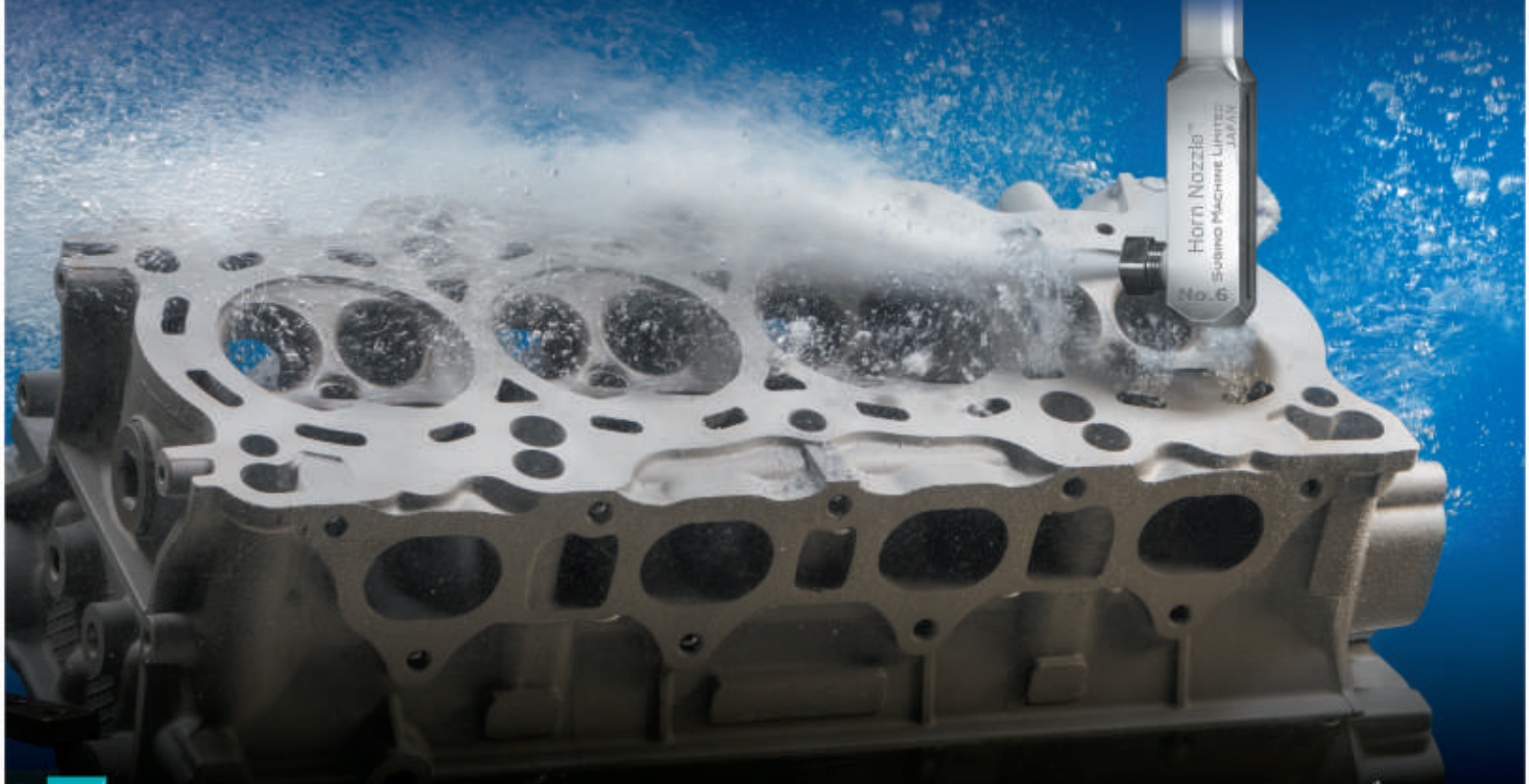


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EDITOR'S NOTE

It gives me great pleasure to introduce this Anniversary Special to our readers. The year gone by has been challenging, yet exciting for the automotive industry. Despite demonetisation and uncertainty in the implementation of GST, the vehicle production remained buoyant. In this backdrop, the auto component industry as well posted an encouraging performance; growing by 14.3 percent over the previous year, scaling Rs 29,2184 crore (USD 43.5 billion). Further exports, grew by 3.1 percent in FY 2016-17 to Rs. 73,128 crore (USD 10.9 billion) registering a CAGR of 11 percent over a period of six years. The Aftermarket was however a silver lining, that grew by 25.6 percent to Rs. 56,096 crore (USD 8.4 billion).

The industry is now entering the next phase of development, where one will witness several groundbreaking technologies driven by regulatory initiatives and standards.

It is imperative for us, as an industry body, to acknowledge this changing landscape and facilitate transformation of individual companies to best leverage the new market requirements. The 57th ACMA Annual Session 2017 focussed on the theme "Future of Mobility in India – Challenges & Opportunities for Auto Component Industry" that stressed on future technologies such as shared mobility, autonomous driving, connectivity and electrification. These trends will have a major disruptive impact on the automotive value chain, resulting in market shift and new revenue pools.

The ACMA Annual Session also witnessed the change of guards with Mr Nirmal Minda, Chairman & Managing Director, Minda Industries Ltd taking over as its new President while Mr Ram Venkataramani, Director, India Pistons Ltd. took over as the Vice President, for the term 2017-18. I am confident that the new leadership at ACMA, with a wealth of knowledge and experience in the automotive sector will steer the association's agenda in the right direction.

I do hope, in this issue, you will enjoy reading about the 57th ACMA Annual Session; that apart, Mr Minda's interview on his vision of the auto component industry makes for an interesting read.



Vinnie Mehta
Director General, ACMA
dg@acma.in

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Editor: Vinnie Mehta, Director General, ACMA |
Associate Editor: Harkaran Malhotra, 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 Harkaran Malhotra,
harkaran.malhotra@acma.in | 9873784038

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ashesdesignstudio@gmail.com | 9999114295



VIEWS

Interview Nirmal Kumar Minda, president, AUTOMOTIVE COMPONENT MANUFACTURERS ASSOCIATION OF INDIA (ACMA)

Excerpts from Autocar Professional

What will be your top three priorities as ACMA president?

First of all, we will try to integrate more with SIAM and the government on the e-mobility plans. The government has announced its aggressive plans to push towards e-mobility. Coordination between the three government departments — Energy, Road Transport and Heavy Industries — and SIAM and ACMA will be needed to make a clear roadmap. What do we need to do? What are the responsibilities of the government? What are the funds required at the government level? What is the subsidy that the government will give? What is the realistic roadmap?

As SIAM is our customer we will have to follow it. We cannot create capacity, but what we can do is proactive action for capacity creation. We cannot invest unless and until customers tell us, so maybe a few customers who are proactive.

This is going to be my first challenge, to integrate more on this kind of issue so that there are no loopholes and no rumours. It is difficult to work with rumours — when everybody is on the same plane, everybody knows what their responsibilities are and what they need to do to perform.

My second priority is the Auto Expo, where we can demonstrate all our capabilities, we can bring international players to demonstrate their vehicles or components to target e-mobility. We need to work hard for that and are visiting the Frankfurt Motor Show. We will discuss with them what needs to be done with the different associations.

The third focus area would be to look at ACMA's by-laws and regulations to make it more vibrant, more involved into the component industry and do something different. Things like recognising and growing the young leaders of the future. I would also look to bring diversity in this segment of industry; we need to bring women in our executive, enable more women empowerment.

Would the end objective be a more agile or more dynamic ACMA? We should play some role but we are not really clear about what kind of investment the auto industry is looking for. We are already working on the BS-IV to BS-VI transition, investment is already taking place, but at the same time the government is talking about electric vehicles (Evs). Where is the money, where are the funds? At the same time, the challenge of self-reliance.

So, should ACMA have more influence in policy drafting?

A more realistic approach in policy drafting (is required). What exactly is possible, sometimes we delay the regulation and then



we go for the import route, which is no good. If we plan at the start, we can localise.

You have bypassed one step of importing and then localising, will you straightaway localise?

Yes, if we go onto whether we need to make a clear-cut plan about the regulation and implementation.

The Indian component industry has come a long way. Of the larger suppliers, the ones which come to mind are Bharat Forge, Motherson Sumi, UNO Minda, Varroc Group but as Mr RC Bhargava said, do you agree there is still room for Indian suppliers to achieve global level in terms of product quality and deliverables? There are issues, concerns of the sustainable quality, many times because of many constraints in our skillsets as Vishvajit Sahay, joint secretary, government of India, said. Different skillsets are required for different jobs.

Skillsets are going to change, there are challenges of the sustainable quality. But the growth should happen in the business from the small-medium-large sector which is already taking shape. I think we all need to work hard and be more focused.

You being a Tier 1 supplier, do the capabilities or skillsets in terms of quality level concern you? What are the average quality levels in terms of capabilities or skillset of the Tier 2 and Tier 3 suppliers?

They are far behind. Maruti, Honda and almost all the OEMs are working towards this initiative on how to improve quality levels. Thus, this year ACMA's priority is to set up a Centre of Excellence, where we will mainly train people representing Tier 2 and Tier 3 suppliers.

When do you plan to bring up the ACMA Centre of Excellence?

There are some activities that have already started on this score. I have worked a little bit on that but need to make a clear roadmap with a definite target and a definite investment that will be required. In my tenure as ACMA president, I will put the sign, the seal and lay the foundation stone.

Is the menace of spurious parts harming the component industry in a big way?

As an association we cannot do much about this. We are training the original component manufacturers on how to deal with it from the legal administrative manner. Also, technologies now enable people to recognise spurious parts.

However, this is still a tough task for mechanics and people with limited knowledge; they as well as users need to be trained to spot fake parts. The government, particularly, has to support us to take this kind of initiative, and put in more strict enforcement measures. Without the government's assistance, it is not possible to stop anything in this country.

In terms of growth, how much do you expect the industry to grow this year?

I am always bullish about growth. I expect the component industry to record a minimum of 10 percent growth.

Why should we be behind China? At present, they are producing 24 million (passenger vehicles); look how they have grown in the past 20 years. We are at 3.5 million. Twenty years ago, we were almost the same. To drive e-mobility, China has improved its infrastructure.



INTERNATIONAL EVENTS

IAA 2017 - Frankfurt



The 67th IAA Cars was held in Frankfurt am Main from Thursday, September 14, 2017, to September 24, 2017. OEMs and suppliers issued key statements about the development of electric mobility and about classical combustion engines.

A total of 228 world premieres were celebrated at IAA 2017, with German manufacturers alone accounting for over 150 electric models to be launched in the next few years with emissions-free and climate-neutral cars.

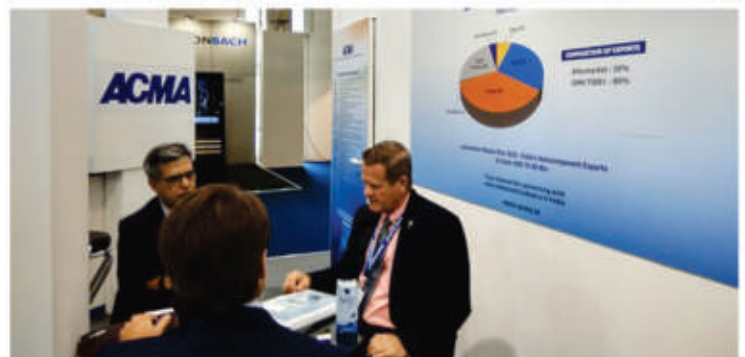
This edition of IAA was focused towards hybrids, fuel-cell cars and battery EVs. The biggest attraction of IAA for technical enthusiasts was the concept of a hybrid drive that combines electric motors with hydrogen fuel cells under the brand name F CELL.

Indian Auto was represented by ACMA where Indian auto components like pistons, gears, rocker arm, precision parts etc were showcased. Auto manufacturers from Europe and USA evinced interest in the products made from India.

Mr. Rick Snyder, Governor of Michigan visited ACMA stall. Mr. Rich Fletcher, President & CEO of South Carolina, Mr Sergio Dominques, Deputy Managing Director also visited the ACMA to explore opportunities for ACMA to work with Government of South Carolina.

ACMA's presence in IAA was reinforced by Mr N K Minda President ACMA, Mr Ram Venkataramani, Vice - President ACMA, Mr Ashok Taneja – Executive committee member, Mr Vishnu Mathur Director General SIAM and Mr Vinnie Mehta Director General ACMA.

The next edition of IAA cars will be held from Sep 12 to Sep 22, 2019 at Frankfurt.



INDIA-EUROPE AUTOMOTIVE TECHNOLOGY MEET



Opportunity to partner with European Automotive Industry Stuttgart & Frankfurt

ACMA, for the first time, organized "India - Europe Automotive Technology Meet" from September 11-16, 2017, Frankfurt, Germany. This partnership meet was supported by the Ministry of Commerce & Industries, Government of India.

The event witnessed participation from 33 delegates from 32 companies wherein Engineering Export Promotion Council (EEPC) supported participation of 7 EEPC member companies led by Mr. J. S. Rangar, Chairman- MSME Committee, ACMA

Further, ACMA engaged with the Indian Embassy in Germany, German Automobile Industry Association (VDA), Indian German Chamber of Commerce (IGCC) and other local bodies to facilitate business visitors.

The objectives of the meet was to strategies partnerships and agreements with European auto-component manufacturers and OEMs, explore possibilities of acquiring / collaboration for technology - Auto-electronics, vehicle safety, emission control, anti-collision intelligence etc. and look at global outsourcing opportunities with OEMs/ Tier 1/Tier 2.

Prior to the partnership meets held at Frankfurt (15th & 16th September, 2017), ACMA organized a 4 days visit to Stuttgart, Germany from 11th to 14th September, 2017, which included visits to Ministry of Economic Affairs of Baden-Württemberg; to understand the functioning of the automotive Industry and the global players placed in Württemberg and a meeting with Blickshift;





to know more about the challenges & working of start-up companies in Europe.

Visit to other key manufacturers were:-

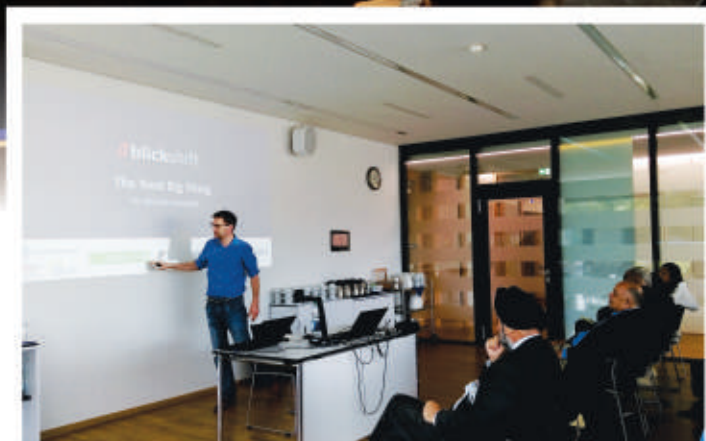
- Bosch GmbH,
- Festo AG & Co. KG,
- MTU
- ZF Friedrichshafen AG

Shri Anant G Geete, Hon'ble Minister, Ministry of Heavy Industries & Public Enterprises, visited the India Day held at the same venue prior to B-2-B meet at Frankfurt & Inaugurated the "India Europe Automotive Technology Meet" and complimented ACMA for bringing in a delegation to showcase Indian manufacturing capabilities & promote exports.

The India Europe Automotive Technology Partnership Meets held on 15th & 16th September, 2017, recorded visits of over 170 European companies & approx. 180 B2B meetings were held at Frankfurt, Germany.

Some of the key buyers who visited B2B meetings with the Indian delegation were:-

- Continental Teves AG
- Robert Bosch
- Mercedes Benz
- Audi AG
- Daimler AG
- Rollax GmbH
- Ducati Motor
- Ford AG



- Opel Automobile GmbH
- ZF Friedrichshafen AG
- Volkswagen AG
- Brose Fahrzeugteile GmbH etc.

The overall assessment of Indian companies with regard to their participation was good. We are positive that India – Europe Automotive business will further strengthen by this highly engaging visit and fructify in terms of exports from India.

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57th ACMA Annual Session: FUTURE OF MOBILITY IN INDIA

E-Mobility, Digitisation, Clean Energy adoption to be key growth drivers for automobile sector

Automotive Component Manufacturers Association of India, the apex body representing India's auto component manufacturing industry celebrated its 57th Annual Session amidst a packed house on 8 September, 2017 in the capital.

ACMA's Annual Session was addressed by senior government officials and eminent leaders from the automotive industry which included Mr Vishvajit Sahay, Joint Secretary, Department of Heavy Industries, Government of India as the Chief Guest, Prof. Ashok Jhunjhunwala Principal Advisor, Ministry of Power & New and Renewable Energy, Government of India, Mr. R C Bhargava, Chairman, Maruti Suzuki India Ltd. as Guest of Honour, Dr Abhay Firodia, President SIAM & Chairman, Force Motors, Ms. Shobhana Kamineni, President CII & Executive Vice Chairperson, Apollo Hospitals, Dr Pawan Goenka, MD, Mahindra & Mahindra, Mr Vikram Kasbekar, Executive Director, Hero Motocorp, Mr Thomas Flack, Chief Purchasing Officer, Tata Motors, Mr Jan O. Röhl, Chief Technology Officer, Mr. Rattan Kapur, President, ACMA & Chairman & Managing Director, Mark Exhaust Systems Ltd. and Mr. Nirmal Minda, Vice President, ACMA & CMD, Minda Industries.

This year the annual session focussed on the theme "Future of Mobility in India – Challenges & Opportunities for Auto Component Industry." The session stressed on future technologies such as shared mobility, autonomous driving, connectivity and electrification that will disrupt the automotive industry. These trends will have a major impact on the value chain, resulting in market shift and revenue pools.

Setting the tone for the event, Rattan Kapur, President, ACMA & CMD, Mark Exhaust Systems said that it was "imperative for us, as an



ACMA

Automotive Component Manufacturers Association of India

57th Annual Session

FUTURE OF MOBILITY IN INDIA

CHALLENGES & OPPORTUNITIES FOR AUTOMOTIVE COMPONENT INDUSTRY



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industry body, to acknowledge this changing landscape and gear towards transforming our individual companies to best leverage the new market requirements.

"To stay relevant, we will have to acquire or develop relevant technologies at a much faster pace," he averred.

Echoing his sentiments and speaking about the imminent transformative impact of e-mobility, Dr Abhay Firodia, President SIAM & Chairman Force Motors reiterated that the Indian automobile industry must "prepare well in advance for the 3 tsunamis of electrification, shared transport and artificial intelligence."

"Mobility in the future has to recognise the necessity to use clean energy to reduce increasing dependency on crude oil imports," stressed R C Bhargava, Chairman, Maruti Suzuki India Ltd. in his address.

"By end of 2017, there would be enough scientific knowledge and technology to enable electric vehicles. This is a time of transformation; we need to help each other to develop smarter & greener vehicles which are more efficient," said Prof. Ashok Jhunjhunwala, Principal Advisor, Ministry of Power & New and Renewable Energy, Government of India, during the special knowledge session.

A panel discussion, on the Annual Session theme was equally enriching with distinguished leaders from the industry sharing their varied view points. Dr Pawan Goenka, MD, Mahindra & Mahindra stated that 'though electric vehicles will happen but IC engines will not die out any time soon'.

Thomas Flack, Chief Purchasing Officer, Tata Motors was of the view that though 'India will take longer to become 100% EV, but it is in no way disconnected or lagging behind from rest of the world', whereas Vikram Kasbekar, Executive Director, Hero Motocorp believes that it is 'economics not subsidies that will drive the electric vehicles market in India'.

Bring reality to fore, Mr Ashok Taneja, MD & CEO, Shriram Pistons &

Technology adoption, building skill-set and embracing e-mobility will be the key growth drivers for the industry in the coming years.

Rings said, "Electric mobility will happen but an India specific model needs to be evolved suited for the country factoring the weather conditions, affordability, our Make in India plans and making sure we do not substitute one import to another - instead of importing oil and we start importing battery systems or other electronics. We need to find answers to electric mobility but if we prepare ourselves in panic we will sacrifice tomorrow for the sake of day after."

"Every disruption has a cost and we need to assess what is best for the country. For adoption of EVs in the country we cannot simply copy paste what happens in the rest of the world. We need to evaluate the product portfolio that comes to the market and accordingly build our capabilities for the future. In this context product development and Make in India is of extreme importance," said, Arvind Balaji, Joint MD, Lucas TVS.

To sum up, in the words of Jayant Davar, Past President, ACMA, Co-Chairman & MD, Sandhar Technologies, 'we are on the verge of the most consequential disruption of the auto component industry today'. The Indian automobile industry is poised on the cusp of change. To face future challenges and convert them into opportunities, it has to work with the support of government, industry leaders and social groups to ensure that it continues its growth trajectory.



Dr Abhay Firodia
President, Siam & Chairman,
Force Motors

The tsunami of E-mobility is going to have a transformational impact and we must not underestimate it. We need to seek active support from the government, media and even social activists to work together to create a roadmap that enables us to safely move forward. We need quicker integration of e-mobility, shared transportation and AI (artificial intelligence).



Shobana Kamineni
President CII,
Executive Vice Chairperson,
Apollo Hospitals

The 3Cs – collaboration, cooperation and creativity present many opportunities for ACMA and CII to work together to influence mobility as we know it. We would like to partner with ACMA to help enhance competitiveness, build smart manufacturing facilities and develop skilled workforce to address future challenges.



Rattan Kapur
President, ACMA &
CMD, Mark Exhaust Systems

ACMA believes that while the future is electric, the logical progression would be to move from IC-engines to hybrids and then to full-battery based vehicles. This will provide the local industry with the opportunity to develop and acquire technologies for the future generation of vehicles; the technological progression should be evolutionary rather than disruptive.



R C Bhargava
Chairman,
Maruti Suzuki India Ltd.

Both – the government and the industry have to take into account that it is in our interest that we begin to use clean energy as much as possible to reduce our dependence on crude oil. It is our responsibility to move towards electric mobility and help consumers move towards it. Affordability, financing, better customer service will eventually determine the success of electric vehicles.



Vishvajit Sahay
Joint Secretary,
Department of Heavy Industry,
Government of India

Connected, shared and electric passenger mobility is the future. The key focus areas should be to control pollution, emissions and build safer vehicles. The industry need not be only technology-ready, but also capacity-ready. Rapid changes in technologies require us to acquire and train new workforce. It is imperative to view skill development of human resources as a CSR activity and we support all endeavours in this direction. We expect the automobile industry to be the prime mover of the manufacturing sector and the 'Make in India' programme of the government.



Nirmal Minda
Vice President, ACMA &
CMD, Minda Industries

We do hope that stable policies from the government will help the industry become robust and remain on a definite growth path. With the introduction of electric mobility the industry needs to transform by investing in greener technologies and acquiring new skills to be future ready.



Prof. Ashok Jhunjhunwala
Principal Advisor,
Ministry of Power & New and
Renewable Energy,
Government of India

The cost of producing solar power today is the same as producing power from coal, so it's imperative that we shift to solar power. By end of 2017, there would be enough scientific knowledge and technology to enable electric vehicles. This is a time of transformation; we need to help each other to develop smarter & greener vehicles which are more efficient.



Dr Pawan Goenka
MD, Mahindra & Mahindra

I am big proponent of EVs. Electric Vehicles will happen but IC Engines will not die anytime soon. Automobile sector should continue investing in IC engine development, R&D as they will be around for some time. Even if we achieve 20-30% penetration of EV by 2030, it will be considered as a respectable start.

Safer Drives Version 2.0 Launched at 57th ACMA Annual Session:

ACMA's flagship 'Safer Drives' campaign was kicked off in a new avatar as version 2.0 at the 57th ACMA annual session on September 8, 2017.

This VR (virtual reality) road safety-activation experience encouraged people to take the safety test with a 1-minute game. Over 100 participants took the test during the annual session and over 200 more people actively came forward to pledge for safety on the website saferdrives.com by scanning the QR Code.

India tops the world in road crash deaths and injuries. Nearly 1.5 lakh people lost their lives in the year 2015 due to reckless driving. A big reason behind several deaths is also the apathy and indifference towards road accident victims and road safety rules. The preference of buying counterfeit products over genuine car components is another major factor contributing to higher number of deaths in road accidents.

ACMA, therefore launched Version 1.0 of 'ACMA Safer Drives' with an aim to make Indian roads safer and sensitise the public towards their responsibilities on the road. Supported by the Ministry of Road Transport and Highway, Safer Drives launched a full-fledged traditional and digital campaign and created impactful content to make people step-up for change and take a pledge to ensure road safety. With the help of walkathons, YouTube Videos, Social Media

posts, ads, contests and engagements, the campaign sought to educate the audience about good road safety practices and come together to take an action.

The version 1.0, reached over a million people on social media, over 3000 people took the safety pledge and over 1000 people participated in the walkathon.

The virtual reality experience unveiled at the recent ACMA annual session is bound to take the 'Safer Drives' initiative to the next level and intends to reach more people to spread awareness on road safety.



“E-Mobility Should Be Seen As An Opportunity and not Threat” - ACMA-McKinsey Study



ACMA's 57th Annual Session saw the release of ACMA – McKinsey Study; 'The Future of Mobility – Opportunities & Challenges in the Auto Component Industry'. The study was released by the Chief Guest Mr. Vishvajit Sahay, Joint Secretary, Department of Heavy Industry, Government of India along with other luminaries namely Mr. R C Bhargava, Chairman, Maruti Suzuki India Ltd., Dr. Abhay Firodia, President SIAM & Chairman, Force Motors, Ms. Shobhana Kamineni, President CII & Executive Vice Chairperson, Apollo Hospitals, Mr. Rattan Kapur, President, ACMA & Chairman & Managing Director, Mark Exhaust Systems Ltd., Mr. Nirmal Minda, Vice President, ACMA & CMD, Minda Industries, Mr. Ashok Taneja, MD & CEO, Shriram Pistons & Rings, Mr. Vinnie Mehta, Director General, ACMA and Mr. Shivanshu Gupta Partner, McKinsey & Company (India).

The study clearly underlines that the future of e-mobility is nearer than ever before. Digitization, increasing automation and new business models have revolutionized other industries, and the automotive industry will be no exception; it is on the verge of disruption globally.

The Indian automotive industry too has begun to experience the effects of this global disruption but whether or not the automotive stakeholders in India are truly prepared for the EV disruption is what this study looks into.

The key findings of the study outline the importance and imminence of disruption, the drivers of electric vehicle penetration and the implications for all stakeholders, especially auto component manufacturers. The study further reiterates that acknowledging the upcoming disruption and reinventing the business accordingly is the key to managing the changes that lie ahead.

Electrification, Shared mobility, Connectivity and Autonomous Driving are the four technology-driven trends that are leading the automotive industry to this disruption. These trends will shift markets and revenue pools, change mobility behaviour and build new avenues for competition and cooperation.

In the future, government regulations for stricter emissions and incentives; eventual decrease in battery prices and reduction in charging time through technological advancements; easy availability of charging infrastructure and reliability/quality of power supply; increasing customer adoption and demand with eventual drop in

acquisition cost will create new and strong momentum for the penetration of electric vehicles (EVs) in the near future, making e-mobility a reality.

Besides end customers, three key stakeholders — government, infrastructure (power, oil and gas) and automotive players (OEMs, auto component manufacturers and battery-makers) — will play an integral role in the EV transition in India. These stakeholders need to work together with the government to create a long-term stable roadmap for the automotive industry driven by a sound regulatory framework so that the industry can invest for sustainable growth and development, in line with the aspirations of all stakeholders.

The study firmly places E-mobility at the core of the biggest revolution that will now change the automobile sector. It states that “industry needs to start viewing it with an action-oriented lens. In order to succeed, auto component manufacturers need to form a long-term and consistent policy for e-mobility. While it may seem that the automotive industry is in “danger”, e-mobility should be seen as an opportunity for players to expand their play into uncontested areas.

In the case of India, four key forces could determine the future E-mobility landscape:

- Regulations and incentives: Many countries have promoted e-mobility through a range of incentives, but these alone did not drive EV penetration. A supportive ecosystem that also establishes strict regulations on carbon emissions indirectly prompts the higher adoption of EVs.
- Technology: Improved technology can reduce battery costs, increase efficiency and driving range, making EVs more accessible and attractive to potential customers.
- Infrastructure: Easy and affordable access to charging infrastructure – both standard AC charging as well as rapid DC charging - is a key to meet customer needs.
- Customer demand: Creating a pull among customers by creating an economical cost proposition will be crucial in encouraging customers to invest in EVs.

An action-oriented perspective, acknowledging the shift, exploring expansion into uncharted territory and reinventing the way they do business could help automotive players be a part of the success story of e-mobility in India, the study reinstates.

FROM THE REGIONS

EASTERN REGION

SECOND SESSION ON SUPERVISORY TRAINING: DECISION MAKING AND COMMUNICATION

ACMA Eastern Region organized the second session on supervisory training on Decision making and Communication on August 4, 2017, Jamshedpur.



Communication is the heart of every organisation. Everything we do in the workplace results from communication. Therefore good reading, writing, speaking and listening skills are essential if tasks are

going to be completed and goals achieved.

Successful organisations understands that if they have to be successful in today's business world, good communication at all levels is essential. The benefit of effective communication are many while some of them are stronger decision-making and problem-solving, upturn in productivity, convincing and compelling corporate materials, clearer, more streamlined workflow, enhanced professional image, sound business relationships and successful response ensured.

The faculty Mr. Vinay Pandey discussed in details, ways to communicate effectively at workplace. Effective communication helps improve teamwork, problem solving, and our social and emotional health.

Effective communication is about more than just exchanging information. It's about understanding the emotion and intentions behind the information. As well as being able to clearly convey a message, one needs to also listen in a way that gains the full meaning of what's being said, builds trust, and makes the other person feel heard and understood.

The Session was attended by thirty nine delegates and was a good interactive session. Feedback received was enriching.

THIRD SESSION ON SUPERVISORY TRAINING: ANALYSIS AND INTERPRETATION OF DATA

Data analysis and interpretation have now taken centre stage with the advent of the digital age. In fact, a recent study found that the total data supply in 2012 was 2.8 trillion gigabytes! Based on that amount of data alone, it is clear the calling card of any successful enterprise in today's global world will be the ability to analyze complex data, produce actionable insights and adapt to new market needs all at the speed of thought.



Therefore, ACMA Eastern Region organised a session on Analysis and Interpretation of Data for the supervisors on September 20, 2017 at Jamshedpur. Mr. Ashish Tripathi, Group leader- Product Engineering- Tata Cummins Private Limited, Jamshedpur was the faculty for the session.



The session elaborated on Qualitative Vs Quantitative methodology, common myths and which calculations to use while analysing the data.

To explain the concept many examples and case studies were shown to the delegates. During the session the delegates learnt about the bar graph, flow graph, line graph, pie graph, scatter graph, dot plot graph, pictograph, mean, median, mode and standard deviation etc. The program was attended by 33 delegates which was a highly enriching.

ONE DAY SESSION ON COST OF QUALITY

ACMA Eastern Region organized a session on Cost of Quality on September 23, 2017 at the Library Hall of Centre for Excellence, Jamshedpur. The objective of the program was to help the delegates understand the aggregate impact of cost of quality on the company's balance sheet. Also to make them understand the hidden costs that affects the financial health of the company badly if the product quality is not up to the expectations of the customer.



Mr. Ranjan Vasishtha, a Lean Expert took the session and explained

importance of Cost of Quality

The session touched upon the concept of 3 M-MURI, MURA and MUDA, HENRICH'S LAW, 3 R- recycle, reuse and reduce, history of COPQ, Quality, poor quality, cost of poor quality, role of leadership, one-ten-hundred rule, hidden costs, internal and external failures and their effects, prevention costs, root cause analysis and benefits of COPQ.

32 delegates in total attended the session.

NORTHERN REGION

SIX SIGMA GREEN BELT CERTIFICATION PROGRAM

The Six Sigma Green Belt certification program level 1, launched on August 30, 2017, covered Module I from 30th August – 01st September.



The final module of this year's Green Belt Program, will be held on October 5, 2017 followed by final assessment of written examination.

The faculty covered the topics on; Definition and origin of Six Sigma, Introduction to DMAIC Methodology, Defining of a problem and Problem solving through Shainin DOE Tools, Measure and Analyze phase – Paired Comparison, Product/Process search, Measure and Analyze phase – Component Search and Modified Component Search.

Mr. K. Vishwanathan, a Six Sigma Black Belt was the faculty for the training who provided intense training throughout the three months of training period. The participants found the training session extremely enriching.

TRAINING PROGRAM ON PPAP & APQP

ACMA Northern Region organised a one day training program on APQP & PPAP for its members on September 15, 2017.



APQP Advanced Product Quality Planning is the new product and process design and development cycle that starts with a concept and ends with product and process validation. Production Part Approval Process (PPAP) is applied in manufacturing organizations, to approve initial parts manufactured, for eventual introduction into their future production runs.

Mr. Ranjan Vasishtha, ex-DGM, Maruti Suzuki & Founder of QJCC Consultancy, India was the faculty for the training program.

ONE DAY TRAINING PROGRAM ON MANAGING DISPUTE AND WORKPLACE DISCIPLINE

- It's Legal, Quasi Legal and Incidental Aspects



In a fierce competitive and complex workplace organization with conflicting objectives and values like profit motive and social gain; discipline and freedom, authority and industrial democracy; bargaining and co-operation; coupled with conflicting interests of the individuals, groups, it is but natural to lead to a friction between management and the union resulting into Industrial Dispute at the workplace. Therefore ACMA Northern Region organised a training program for its members on Managing Dispute and Workplace Discipline on September 22, 2017.

Hence, it is essential all the HR professionals as well as line managers on the shop floor have proper understanding of laws related to the workplace & appropriate soft skills required for handling for disputes/grievances & the indiscipline at workplace.

Mr. Anand Swarup Sharma, was the faculty for the training program covered topics categorized as Behavioral, Counselling, Administrative and Legal Laws.

TRAINING PROGRAM ON SAFETY AND HEALTH AUDIT

ACMA Northern Region organised a training program for its members of Utrkhand zone on Safety and Health Audit on September 26, 2017.



Safety and Health audit is a management tool for systematic evaluation of how well the operation and maintenance procedures match with design intent and statutes. As per the statutory requirement, safety audit should be carried out both externally as well as internally to review an organization's health and safety procedures and legal compliance. Findings from the compliance audit identify gaps in an organization's current policy and procedure and enhance its safety performance.

The objective of this program was to understand design deficiencies and also weaknesses which might have cropped up during modifications/additions, fire protection arrangements and safety systems, operating/maintenance procedures-degraded with time and training, preparedness for handling emergencies.

Mr. Amar Nath, an expert in auditing occupational health, safety and environment management systems was the faculty for the training.

SOUTHERN REGION

POST GST IMPLEMENTATION SESSION ON CLARIFICATIONS AND PRACTICAL ISSUES

ACMA Southern Region organised for a session on post implementation experiences, challenges and practical issues on August 10, 2017. A good mix of experts in the area were present to throw more light, clarify and also give some solutions to the various queries and practical challenges that the industry faced over the one month of implementation.



Ms V Sridevi, Superintendent, GST and Central Excise accompanied by Mr Karunakar Reddy, Superintendent, GST and Central Excise made a presentation on GST and explained the various concepts and formalities.

Mrs V Sridevi explained on the tax invoice rules, what is input tax, utilisations of credits and various returns to be filed.

Moglix's Mr. Rahul Garg, explained the 5 steps required by an ASP provider for GST

- ERP systems ready – sales invoice ready
- Selection of ASP/GST to file GST
- Ensure compliance of vendor and buyer eco system
- Vendor consolidation for non-bom goods to ensure compliant vendors
- Digital supply chain to ensure GST compliance each time

Mr Vinodh, Director, PWC explained the journey so far in GST implementation including key clarifications and developments. He also observed that abolition of checkpoint was one of the most welcome step for the sector as it reduced the on road time of the consignments and also reduced the consumption of fossil fuels.

A panel discussion on GST dwelled on the implementation and role of government in sound implementation of the tax reform. The panelists comprised of Mr. Rajagopal Sastry, CFO, WABCO India Ltd., Mrs V Sridevi, Superintendent, GST and Central Excise, Mr Karunakar Reddy, Superintendent, GST and Central Excise, Mr Vinodh, Director, PWC, Mr Sivarajan Kalyanaraman, Partner, Tax and regulatory services, PWC and Mr Rahul Garg, CEO and Founder, Moglix.

GEARING-UP FOR THE NATIONAL QC

ACMA Southern Region organized a coaching session on August 10, 2017 at ACMA office with an objective to prepare the three winners of the Regional Quality Circle competition for the National QC Competition.

On July 15, 2017 at Bangalore 74 teams participated in the competition out of which 4 teams were chosen as winners to participate at the National QC competition which will be held on August 19, 2017

The 4 winners from the Southern Region included:

Prize	COMPANY	TEAM
1 st	LUCAS-TVS LTD, PADI	DEAMING
2 nd	SANSERA ENGINEERING (P) LTD	PRUTHVI
3 rd	SUNDARAM CLAYTON LTD, HOSUR	AAKASH
3 rd	RANE (MADRAS) LTD, MYSORE PLANT	CAUVERY

Mr Nagesh Prakash, Freelance Consultant, was the faculty for the session. Mr Nagesh, who was part of the Regional QC Jury, shared his knowledge, experience and factors on which the winner is evaluated.

12th NATIONAL QUALITY CIRCLE COMPETITION

ACMA Southern Region hosted the 12th National Quality Circle Competition on August 19, 2017 in Chennai. Ten Regional teams qualified out of 242 teams to compete at the National Quality Circle



competition. The Regional teams included 4 finalist from southern region and 3 teams each from Western and Northern Region.

The Jury for the National QC Competition comprised of Mr. M K Baba Chartered Engineer, Quality & Plant Engg Consultant, QCFI, Mr. D. Sekar, Senior Counsellor, UNIDO-ACMA and was led by Mr. S Ganesh, Manager, Chief of Jury & Manager - Quality Control – Toyota Kirloskar Motor Pvt Ltd.

The winners of the 12th National Quality Circle Competition 2017 were as follows:

S.No.	COMPANY	TEAM
1 st	Motherson Sumi Systems Ltd	AGNI
2 nd	Sansera Engineering Pvt Ltd	PRUTHVI
3 rd	Gabriel India Ltd	PRAYAS

The National finalists would be awarded the trophy from the Chief Guest at the 57 Annual session of ACMA scheduled on 8th September 2017.

TRAINING ON LINE OF BALANCE AND WORK STATIONS BALANCING

Line Balancing is the process of assigning tasks to workstations in such a way that the workstations have approximately equal time requirements. Line of balance is a technique for assembling, selecting, interpreting, and presenting in graphic form the essential factors involved in production process from raw materials to completion of the end product, against a back ground of time. It is essentially a management tool, utilizing the principle of exception to show only the most important facts to its audience.



ACMA Southern Region(Karnataka & Hosur Zone) organized a

training program on Line of Balance and Work Stations Balancing on September 15, 2017 at its office in Bangalore Office.

Faculty for the workshop was Mr. M S Hiremath, BE from NIT and Project management professional - Certified by Project Management Institute (USA).

The session explained in detail the elements of LOB and emphasized on minimizing the number of workstations, idle time, WIP, inventory and achieve synchronizing to be more effective.

14 participants from member companies attended the workshop.

SPECIAL PROGRAMME IN KANNADA ON 5S – WORKPLACE & EXCELLENCE

5S is widely considered to be the corner stone of Lean Manufacturing. Lean Manufacturing needs to be built on a foundation. 5S provides this foundation. Without 5S and the disciplines and procedures that come from its successful implementation and philosophy, becoming Lean is next to impossible.



5S is a philosophy and a way of organizing and managing the workspace and work flow with the intent to improve efficiency by eliminating waste, improving flow and reducing process unreasonableness.

ACMA Southern Region (Karnataka & Hosur Zone) organized Special

programme in Kannada on 5S – Workplace & Excellence on September 22, 2017 at ACMA - Bangalore Office.

Faculty for the workshop was – Mr Shankara H S – Principal Consultant – Shingo Institute of Japanese Management, a BE – Mech from Malnad College for Engg- Affiliated to Mysore University with over 26 years of experience in Lean, 5S, kaizen and other Japanese techniques.

3Ms, SEIRI, SEITON, SEISO, SEIKETSU, SHITSUKE were the topics dealt in Kannada for the benefit of the shop floor executives. The benefits of 5s were explained well for the benefit of the members.

Mr. Shankara conducted practical sessions on 5S and asked all the participants to go-around the venue and observe the various 5s that can be implemented and asked them to make a presentation. The practical session was very well appreciated by the participants. The exercise enhanced the understanding level of the participants.

13 participants from member companies joined the workshop.

ONE-DAY TRAINING PROGRAM ON PLANNING METHODS -CRITICAL PATH METHOD (CPM) & PROJECT EVALUATION & REVIEW TECHNIQUE (PERT)

The critical path method (CPM) is a step-by-step project management technique for process planning that defines critical and non-critical tasks with the goal of preventing time-frame problems and process bottlenecks. PERT stands for Program Evaluation Review Technique, a methodology developed by the U.S. Navy in the 1950s to manage the Polaris submarine missile program. A similar methodology, the Critical Path Method (CPM) was developed for project management in the private sector at about the same time.



ACMA- SR – Karnataka & Hosur Zone organised a One-day Training Programme on Planning Methods -Critical Path Method (CPM) &

Project Evaluation & Review Technique (PERT).

Faculty for the workshop was Mr. M S Hiremath – BE from NIT-Suratkal and Certified by Project Management Institute (USA), as Project management professional, with 37 years of experience.

Mr Hiremath explained in detail the need and importance of CPM & PERT, while implementing large scale production projects like providing infrastructure facilities, Providing air conditioning facility, clean room facility, water supply, electric supply projects associated with production. He further detailed on how when installing plant & machinery for production, installation machines, boilers, transformers, diesel power plant, etc. while setting-up Tool design & tool fabrication CPM & PERT plays a major role in defining the plan, implementing process, improvement plan, monitoring plan and execution of project on time. The complete process is dealt in detail so that the project is completed in time within cost and with the required quality, he added.

A number of case studies were included in the training to make the topic more effective and understanding. The benefits of CPM & PERT were shown through case studies and explained in detail.

19 participants from member companies joined the workshop who rated the program as good.

AWARENESS PROGRAM ON IATF 16949 – FIRST BATCH AND SECOND BATCH



ACMA (Southern Region) organized two day awareness program on IATF 16949:2016 with two batches on September 14-15, 2107 and September 20-21, 2017.

The program focused on creating awareness on the changes



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The 18th ACMA Western Region HR Forum meeting was held on August 1, 2017 at the facility of Lumax Industries Ltd., Chakan, Pune.

Apart from HR related issues, a presentation on “GST has led to equalization of prices of all types of vehicles – Challenges for Auto and Auto Component industries and its Ramifications on HR” was presented. CMA Rahul Chincholkar, Team R. A Chincholkar & Co. Cost Accountants was invited to make the presentation. He touched upon salient features of GST, key impact area and HR specific issues.

31 HR professionals attended the meeting and appreciated the meeting.

ADVANCED WORK PLACE ORGANIZATION TECHNIQUES THROUGH 7S”



The 7S method is a structured program to implement workplace organization and standardization. A well organizes workplace motivates people, both on the shop floor as well as others. 7S improves safety, work efficiency, improves productivity and establishes a sense of ownership. The 7S approach is highly effective at removing hazards and waste from workplace creating a safer, cleaner, and healthier work environment. Simple techniques are used to develop and improve effective workplace organization, safety, visual communication, and general cleanliness and housekeeping.



required by the new standard and plan for an effective an implementable transition.

Day 1 of the training included quality concepts including key definitions, clauses 4,5,6 and 7 and Day 2 of the training covered Clauses 8, 9 and 10 including summing up and feedback.

To familiarize the new standard, both days included several exercises to understand the difference between ISO / TS 16949:2009 and IATF 16949:2016.

The faculty for both the batches was Mr S Krishnamurthy.

The session received an overwhelming response from the visiting 28 delegates.

WESTERN REGION

18th WR HR FORUM MEETING



With the objective to provide participants with an overview of 7S and how it can benefit the ACMA members, ACMA Western Region organized training program on "Advanced Work Place Organization Techniques through 7 S" on 4th August 2017 at Ahmedabad.

The training was aimed for Executives, Middle Management and Supervisors of all departments of the company.

The training was conducted by Mr. Ravindra Biswas an Ex-Tata Group Company - Business head.

16 delegates attended the training and the feedback was encouraging.

WORKSHOP ON "HOW TO MAKE YOUR FACTORY LEAN? - LEARNING THROUGH SIMULATION GAME

ACMA Western Region organised two-day workshop on "How to make your factory lean? -Learning through simulation game" on August 22 & 23, 2017 in Pune.



The objective of the program was to create awareness about implementation of key aspects of Lean by streamlining the system by eliminating the waste and error-proofing to maximize the customer experience.

Mr. Vishal Edake, a Mechanical Engineer & Master in Advanced Manufacturing and Design techniques, was the faculty for the two day workshop.

The Two-day workshop was attended by fourteen delegates and the program received a positive feedback.

TWO DAY WORKSHOP ON "IMPROVE OPERATIONS THROUGH QUALITY CIRCLE"

ACMA Western Region organised Two-day workshop on "Improve Operation Through Quality Circle" on September 12 - 13, 2017 at Pune. The objective of the workshop was to improve quality, productivity, safety and cost reduction. To give chance to the employees to use their wisdom and creativity. To encourage team spirit, cohesive culture among different levels and sections of the employees. To promote self and mutual development including leadership quality, to fulfill the self-esteem and motivational needs of employees. To improve the quality of work-life of employees.



Mr. Vishal Singh, with Masters in Production and Materials Management with his first degree in Electronic Engineering was the faculty for workshop. Overall 27 delegates participated the program.

SEMINAR ON AUTO ELECTRONICS – EMERGING FUTURE TRENDS

Keeping in view that the Electronics Manufacturing Sector holds a great potential in the Indian context, therefore ACMA, with the support of Department of Heavy Industry (DHI) commissioned a full-fledged research in its efforts to map the current status and future opportunities for Indian suppliers in the auto electronics market.

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CONTACT:

Ms. **TRIPTI PARSANI**, SFZ Country Manager, India
Mobile: 0091-86 55 11 66 55 | Email: tripti@sfzco.com

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Electronics and Information and Communication Technology (ICT) are transforming very idea of mobility. The market for auto electronics is estimated to exceed 200 US\$ billion by 2020. The use of electronics in automobiles is the single largest driver of change in the sector – nearly all automotive innovation arises directly or indirectly from developments in electronics. Most of the solutions designed to lower emissions, improve fuel-efficiency, increase safety and provide convenience services like infotainment for customers are dependent on electronics and associated embedded applications. Currently more than 75% of all electronics used in cars are imported. Concerted efforts from both the Government and the industry are required to propel the Indian auto industry into one of the critical GDP contributors in the near future.



opportunity for short term technologies and medium term technologies by FY2020 is approximately INR 16,000 Cr and 13,000 Cr respectively.

Mr. Suresh D, CEO & Group Chief Technology Office, Minda Corporation Ltd. made a presentation on Automotive technology trends. Mr. Suresh said the OEMs are actively working on solutions in emerging technologies and are looking for partners to collaborate on top of complementing with own developments.

Mr. Suresh mentioned that new trends are leading to increase in Electronics & IT and it would be impossible to comply with regulation without electronic systems.

Mr Santosh Datta, DGM, Bosch Ltd. made the presentation on Auto Electronics – Emerging trends. Mr. Santosh touched upon evolution of intelligence & impact on electronics. He further mentioned that Innovations are realized using electronics.

The participation included CEOs, COOs, R&D heads, Technology Heads and Executives related to the subject from auto component industry.

The seminar was followed by visit to Spark Minda Technical Centre, Pune. There were 36 delegates and the feedback was encouraging.

5th ZONAL KAIZEN COMPETITION IN GUJARAT ZONE

With the objective to showcase the potential of AMCA members in delivering breakthrough Kaizens practiced at their facility, ACMA Western Region organised 5th Kaizen Competition in Gujarat Zone on 16th September 2017 in Ahmedabad.



With this backdrop ACMA Western Region organised Seminar on "Auto Electronics – Emerging Future Trends" on August 17, 2017, Pune.

The objective was to understand the emerging automotive trends: related to technology (engine, transmission, chassis, safety, and infotainment) at the cluster level only, including regulations, to outline the market opportunities those exists in the key global automotive regions for Indian suppliers and map the value chain and to recommend a broad based strategy, policy, capability development approach to grow business opportunities for industry, ACMA and Government.

Mr. Kaushik Madhavan, Director - Mobility | Middle East, North Africa & South Asia, Frost & Sullivan said, the global market for automotive electronics is set to account for \$230 billion in 2020. The overall cost of electronics in cars is expected to reach 45% by 2030. Ninety per cent of innovations in the modern car are based on new developments in electronics, he added.

On growth opportunity Mr. Madhavan said total Growth

The competition saw a record 33 case study presentations from all leading auto component manufacturers in Gujarat namely Badve Engineering Ltd., Caparo Engineering India Ltd., Delux Bearings Pvt. Ltd., Flometallic India Pvt. Ltd., Gabriel India Ltd., GoldSeal SAARGUMMI India Pvt. Ltd., Hanon Automotive Systems India Pvt. Ltd., Magna Automotive India Pvt. Ltd., Mahle Behr India Pvt. Ltd., New Swan Enterprises, Precision Autowares Pvt. Ltd., Schaeffler India Ltd., Setco Automotive Ltd., Sona Koyo Steering Systems Ltd., Subros Ltd., Supreme Treon Pvt. Ltd., Vikrant Auto Suspensions and Yazaki India Pvt. Ltd.

The presentations made by the participants touched up on the subjects like reduction in rejection, PDCA tool, reducing movement time from one point to another point, reduction in fatigue, energy saving and error proofing methods.



As per the convention, OEMs were invited to be the Jury at the competition. The eminent panel of jury included Mr. Yogesh Solanki, Plant Launch Manager, Sanand Engine Plant, Ford India Pvt. Ltd. and Mr. Shashikant Jumde, DGM Supply Chain from Tata Motors Sanand Plant.

In his welcome address Mr. Rajmohan, Zonal Coordinator-Central Gujarat, ACMA Western Region said that it is heartening to see such

a huge turnout in a Zonal competition. The participation from all pockets of Gujarat like Ahmedabad, Rajkot, Vadodara, Sanand, Halol, Vithlapur, Surendranagar, Gandhinagar and Daman makes it significant.

Congratulating ACMA for organizing such kind of events, Mr. Anil Patel, Plant Manager- Sanand Engine Plant, Ford India Pvt. Ltd., Chief Guest for the valedictory session said it is good to see that the industry is motivating and encouraging people towards such activity. The kaizen starts from I so it is I who need to take initiative that is what should be the take away from this forum today.

The jury members congratulated the participants and were impressed to see the kaizen implemented by ACMA Member companies.

The following teams were announced winners.

Top Three Winners -

Position	COMPANY	TEAM
1 ST	Yazaki India Pvt. Ltd., Bhayala	Speed
2 ND	Magna Automotive India Pvt Ltd, Sanand	Smart-1
3 RD	Supreme Treon Pvt Ltd, Sanand Plant 1	Rising Stars

Runner Up -

Position	COMPANY	TEAM
1 ST	New Swan Enterprises, Vithalapur	Udaan
2 ND	Gabriel India Limited, Sanand	Pragati
3 RD	Goldseal-SAARGUMMI India Pvt Ltd, Sanand	Achievers

ACMA GETS INDIA AUTO INC TALKING ON IMPACT OF BS VI

Excerpts from Autocar Professional

The dynamic changes underway in the auto industry see the Automotive Component Manufacturers Association of India (ACMA), the apex body representing the Indian auto supplier fraternity, actively engaged in driving industry dynamics. On September 25, it organised the 'National Conference and Technology Display on Leapfrogging from BS IV to BS VI: Implications for Auto Component Industry in India' in Pune.





The day-long, three-session event saw representatives from OEMs, SIAM and Tier 1 suppliers address the 125-strong audience comprising top-notch officials across the vehicle and component supply chain. Mrs Rashmi Urdhwarshetke, director, ARAI; Vinnie Mehta, director general, ACMA; Piyush Tamboli, chairman – western region – ACMA and CMD, Investment & Precision Castings; Piyush Munot, co-chairman – western region – ACMA and director, KCTR Varsha Automotive; Ashim Sharma, partner & division head – business performance improvement consulting (auto, engineering and logistics), Nomura Research Institute India; Prashant K Banerjee, deputy ED (technical), SIAM; Dr Anuradda Ganesh, director – R&D, Cummins India; Girish Ramaswamy, head, PES System Engineering India, Powertrain Engine Systems, Continental Automotive Components (India) were among the prominent dignitaries present. Death of small diesel engines

Pointing out small diesel engines as the first potential casualty of the incoming BS VI emission norms, PK Banerjee of SIAM remarked that small diesels do not generate enough heat to make DPF work. "Such engines will die out gradually as they won't be able to meet the BS VI norms. On the other hand, cost viability and availability of BS VI fuel and uninterrupted supply of urea (for SCR systems) remains big concerns," he said.

He also highlighted that by 2020, India will be ahead of Europe in emission norms for the two-wheeler industry by a full year. "Therefore, the industry needs to prepare for any unforeseen challenges that may come up. OEMs need to compensate the fuel

efficiency losses due to stringent NOx control and also optimise engine performance for alternate fuels, which demands uniform ethanol blends across the country," said Banerjee.



The industry appears to be in consensus on developing tailor-made solutions for Indian market over the blunt import and deployment of western technologies for the domestic market. Reiterating this outlook, Ganesh of Cummins India commented, "We need innovation now, no matter if it is reverse or forward. We are talking about BS VI norms, adoption of biofuels such as ethanol / methanol and also electrification of vehicles. Although we have a lot of questions but we need to focus on BS VI because that is clearly defined in front of us. Less time also means that we have to be right-first-time (in developing BS VI engines)."

OEMs' outlook

The knowledge session on OEMs' outlook had Jacob David Raj, senior manager, vehicle analytics and attributes, Truck & Bus Division, Mahindra & Mahindra and K Veeramani, general manager – power systems engineering division, Engineering Research Centre (ERC), Tata Motors. According to M&M's Raj, major change content for BS VI-compliant engines will be in the form of adopting common-rail injection systems, turbochargers and EGR, exhaust systems, along with additional sensors and controllers, cooling and air-intake systems.

"The key drivers for technology selection will be total cost of ownership, reliability and durability, simplicity in technology and acquisition cost. Major engineering challenges for the 2020 deadline include target setting for critical components, multiple applications and duty cycles, redefining vehicle architecture among others," he added.

Elaborating on what OEMs expect from the component suppliers, Veeramani clarified, "Unlike previous emission upgrade programs till BS IV wherein vertical integration was executed by OEMs, the BS VI program need to be viewed from horizontal integration and large scale program management. Go for accelerated testing and ensure local development of BS VI technologies with support from skilled manpower."

The senior Tata Motors official stressed on the need for suppliers to move away from the conventional approach and adopt accelerated development approach for the 2020 deadlines. The event also had a tech display from ARaymond Fasteners India, BAPL Rototech, Helvoet Rubber & Plastic Technologies, Knorr-Bremse Systems, Schaeffler India and Renishaw Metrology Systems.



Visit to Western Region



YBLF organized two day visit to Western Region 4 - 5 August, 2017, Pune. The delegation interacted with Mr. Deepak Chopra, Group CEO, Anand Group. They visited two Anand Group Companies in Chakan, Pune - Spicer India Pvt. Ltd. and Gabriel India Ltd., to understand their HR best practices.

Spicer India Pvt. Ltd. is Ranked #1 in the category - Best Places to Work for, within the Indian Auto Component industry and #26 in the overall category for 2017 by Great Place to Work Institute India (GPTW) and The Economic Times)

Gabriel India Ltd. is Ranked #2 in the category - Best Places to Work for, within the Indian Auto Component industry and #52 in the overall category for 2017 by Great Place to Work Institute India (GPTW) and The Economic Times.

Some of the learnings from the visit were Succession Planning and 'Growth from Within', criteria to recognise as "Human Capital (HC), employees inducted into ALDP (ANAND Leadership Development Program) & AMP are assigned Coaches/Mentors from within the organization, 'ANAND U' is the Corporate University instituted to focus on four major areas of people development - Operational Excellence, Talent Development, Technical Interventions and Development of large force of Operating Engineers across the group, 5S: SORT (Remove unwanted items, SET (A place for everything and everything in its place), Shine (Cleaning and Meaning), Standardise (Establish Standard for first 3Ss), Sustain (Sustain and improve the first 4Ss) and 5 S : SEIRI – Segregation; SEITON – Systematic Arrangement; SEISO – Shining; SEIKTSU – Standardization; SHITSUKE – Self Discipline

During the interaction all the participants took the opportunity to learn and understand the level of employee satisfaction used in all these plants. The visits was extremely encouraging and the participants were thrilled to be part of the delegation.



OFFICE BEARER'S



President ACMA

Mr. Nirmal K Minda, Chairman & Managing Director, Minda Industries Ltd. has been elected as President, ACMA for the year 2017-18. He has been a member of ACMA's Executive Committee for many years and has served as Chairman - ACMA Supply Chain Committee from 2010-2012 and Chairman - ACMA Northern Region from 2012 - 2015.



Vice President ACMA

Mr. Ram Venkataramani, Director, India Pistons Ltd. has been elected as Vice President ACMA for the year 2017-18. He has been a member of ACMA's Executive Committee for several years and was Deputy Chairman - ACMA Southern Region from 2013-15. His last post was Chairman - ACMA Southern Region 2015-17.



EASTERN REGION

Mr. Sanjay Sabherwal
Managing Director
Metaldyne Industries Ltd

Mr. Sanjay Sabharwal has been elected as Chairman - ACMA Eastern Region for 2017-18, earlier he was Co-Chairman - ACMA Eastern Region from 2010 - 2017



NORTHERN REGION

Mr Deepak Jain
Managing Director
Lumax Industries Ltd.

Mr. Deepak Jain has been elected as Chairman - ACMA Northern Region for 2017-18. Prior to this he has served as Chairman - ACMA Sustainable Development Committee from 2012 - 2014, Chairman - ACMA HR, IR, Skill Development Committee from 2014 - 2016. His last post was Co-Chairman - ACMA Northern Region 2015-17 & Chairman - ACMA Supply Chain/BSM Committee 2016-17



WESTERN REGION

Mr. Piyush I. Tamboli
Chairman & Managing Director
Investment and Precision Castings Ltd.

Mr Piyush Tamboli has been once again elected as Chairman - ACMA Western Region for 2017-18. He was elevated to this position in 2016 - 2017. Prior to this he was Co-Chairman - ACMA Western Region 2015-16. Additionally he is positioned as Chairman - ACMA Defence & Railways Committee for 2017-2018



SOUTHERN REGION

Mr. P. Kaniappan
Managing Director
WABCO India Ltd.

Mr . P. Kaniappan has been elected as Chairman - ACMA Southern Region for 2017-18, prior to this he was the Co-Chairman - ACMA Southern Region & Chairman - IMTMA Interface Committee from 2015-17

C O - C H A I R P E R S O N S



EAST

Mr. Ranjot Singh
Managing Director
Emdet Jamshedpur Pvt. Ltd.



NORTH

Mr. Deepak Chopra
Group CEO Anand Group &
Chairman Spicer India Ltd



WEST

Mr. Piyush Munot
Director
KCTR Yarsha Automotive Pvt. Ltd.



SOUTH

Ms. Shuba Kumar
Director
Natesan Synchrocones Pvt. Ltd.

INDUSTRY NEWS

Minda Industries Q2 net profit surges 77% to Rs 67 cr

The company had posted consolidated profit after tax of Rs 37.62 crore in the July-September period of last fiscal, Minda Industries said in a BSE filing.

Excerpts from ET.Auto

Auto component maker Minda Industries today reported 77.61 per cent jump in consolidated net profit after tax to Rs 66.82 crore for the second quarter ended September 30.



The company had posted consolidated profit after tax of Rs 37.62 crore in the July-September period of last fiscal, Minda Industries said in a BSE filing.

Revenue from operations during the quarter under review was up 12.22 per cent at Rs 1,098.35 crore as against Rs 978.68 crore in the corresponding quarter last fiscal.

The company's total expenses in Q2 FY 2017-18 stood at Rs 1,006.31 crore, up 8.43 per cent, as against Rs 927.99 crore.

Meanwhile, in a separate filing Minda Industries informed that the board of directors in its meeting held today approved purchase of 49 per cent shares of Fujitsu Ten Minda Private Limited (F Ten

Minda) and 51 per cent shares of Minda F Ten Private Limited (Minda F Ten) from group companies.

"JV partner, Fujitsu Ten, Japan will continue to hold the balance shares in both the companies. SPA is expected to be completed by January 01, 2018," it added.

F Ten Minda is engaged in business development and manufacturing of car infotainment system and had a revenue of Rs 308 crore in FY17.

"The total purchase consideration for both the companies will be Rs 26.03 crore," it added.

Electric vehicle industry welcomes Karnataka HC decision

The Karnataka High Court recently stayed an order of the government which banned riding pillion on bikes that are 100cc or less.

Excerpts from ET.Auto

The decision of Justice BV Nagarathna is certainly gaining popularity among the players in the electric vehicle industry such as Mahindra & Mahindra, Lohia Auto, Electrotherm and Kinetic Green.




Welcoming the Karnataka HC decision, Ayush Lohia, CEO, Lohia Auto Industries, said: "As a part of the EV industry we at Lohia Auto Industries hail this decision. It will be a major boost to the e-bike players as with the changed scenario we shall be able to create further demand for electric two-wheeler in the state hence the future of EVs in fact looks quite promising for electric bikes on the Indian roads."

"This decision will also indirectly support government's aims to make India a 100 per cent electric vehicle nation by 2030. EV's not only help users save money, but also promotes a safe and clean environment which is the biggest health concern today. It is surely lays a favourable climate for EV players, Cheers to Karnataka HC decision once again."



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