

**ACMA**

Automotive Component  
Manufacturers Association of India

**ANNUAL REPORT 2012-13**

**"ACHIEVING HIGH PERFORMANCE IN TURBULENT TIMES -  
CREATING ADVANTAGE FROM ADVERSITY"**



The Executive Committee of the  
Automotive Component Manufacturers Association of India  
is pleased to present its

# **ANNUAL REPORT**

## **2012 – 13**

# **ACMA**

**Automotive Component Manufacturers Association of India**

## President's Message



Dear Friends,

**T**he Automotive industry in India is going through one of the most challenging phases ever. The industry has been traumatized by VUCA – Volatility, Uncertainty, Complexity and Ambiguity at the domestic as well as at the international front. However, as all unsavoury times must come to an end, internationally now there seems to be stability returning to the US and some green shoots have

begun to sprout in Japan and Europe. I hope that these unfavourable tidings will be over for us in India as well, sooner rather than later. I have full faith in the prowess and capability of our industry, the market potential of our nation, the skill and ingenuity of our people and I am confident that we shall once again be on the growth path.

Let me begin by firstly thanking the ACMA membership for reposing faith in me and giving me the opportunity to serve them at a time when the sentiment in the industry in India and the globe has been at its nadir. These are definitely trying times and there are no defined or easy solutions to mitigate the pain that we are going through; these are times for introspection and I am sure each one of you has been strategizing to stay afloat. I am very proud that the industry, despite the adversity, has kept its head above water and continues to be optimistic about the future.

### Industry Performance

While the first six-months of the last fiscal were filled with hope, the latter half of the year has been engulfed with gloom and despair. High interest rates coupled with inflation, weakening of the rupee, volatility in the cost of raw materials and prices of crude oil, uncertainty in fuel policy and shaky customer confidence have made the last year one of the worst ever in our history. While the industry today has internalized the fact that growth will be cyclical, it is the coming together of the 'trough' phase of all the segments of the vehicle industry that has made the situation so acute – the commercial vehicles industry has been witnessing de-growth for more than a year and half now, the passenger cars sector has hit a roadblock and for the first time ever, recorded negative growth this year, even the ever ebullient two-wheelers market

has flattened out. It is only the tractor market, which on the hopes of a normal monsoon, seems to have revived in the first-quarter of this fiscal. 'Not-normal' has become the 'new normal' and 'low-growth rate' is the 'accepted growth-rate'; however, all this has not dented the confidence and spirit of the Auto Component industry, which continues to adapt to become even more cost competitive, flexible and take this unusual challenge head-on.

In this backdrop, the Auto Component Industry had to be content with a meagre growth of 5.6 percent during 2012-13, with turnover of INR 2,16,100 crores (USD 39.7 billion), not withstanding the average inflation of over 3% in vehicles prices. Exports with revival in the US market and certain new sweet spots in the emerging markets including Africa grew by 10 percent to USD 9.7 billion from USD 8.8 billion in the previous year. Imports remained flat at USD 13.7 billion, reflecting the poor state of the manufacturing sector. Investments too were lower than expected.

## Business Development: National & International

ACMA believes that while the market slowdown may have dented the industry's performance in the short-run, significant opportunities exist to enhance our share in the global automotive market. Accordingly, efforts to increase the Global footprint of the domestic Auto Component industry and build Brand-India were significantly stepped up last year. Exports received special thrust through ACMA's participation at several key international Auto-shows such as Automechanika-Frankfurt - to which ACMA returned after a hiatus of a decade, IAA-Hannover, Automechanika-Shanghai, CIAPE-Beijing, Automechanika-Kuala Lumpur, Motor Show-Dhaka, Automechanika-Johannesburg, Automechanika-Dubai and Automechanika-

Moscow. Trade missions were mounted to South Africa and Brazil to carry forward ACMA's agenda of promoting exports to developing and India-like markets. With a thrust on the small-scale sector, an exclusive mission of ACMA SMEs was also mounted to China. Further, the ACMA Eastern Region led a delegation to Gunsan City, South Korea. ACMA actively participated in the India Investment Roundtables in Thailand, Indonesia, Vietnam and Iran, sponsored by the Government of India.

On the domestic front too, ACMA continued to play a key role in promoting a wholesome growth of the component sector. As a special focus, to evolve the Aftermarket in the country, ACMA entered into an MoU with Messe Frankfurt which culminated into the first-ever ACMA-Automechanika New Delhi. Over 250 exhibitors including 100 international exhibitors from China, Germany, Italy, Russia, Taiwan and United Kingdom participated while several international business delegates visited the show. It's astounding success has given us the confidence to hold the show every alternate year, now on.

In-bound trade missions from Austria, Australia, Atlanta- USA, Mexico, France, Japan, Sweden and Macedonia also came exploring opportunities in the Indian Automotive market.

ACMA continued its agenda of building stronger linkages between Tier-1 enterprises with Tier 2s & Tier 3s. The Buyer-Seller Meets at Pune and Ludhiana received tremendous industry response.

## Technology, Quality & Productivity

The ACMA cluster programs have now become transformation tools for the industry; to facilitate the industry's continued journey on the path of improved competitiveness we have, this year doubled the strength of our technical experts and counsellors at ACMA. Further, with a special

focus on upgradation of the Tier 2s/3s, three new SME cluster programs were launched in Bengaluru, Pantnagar and Pune respectively and a Quality cluster was launched for the benefit of our smaller members in the Eastern Region. Further, responding to the requests from OEMs for improvements in smaller companies in their value chain, ACMA has launched a special module of Quality Improvement project which has been much appreciated by the industry.

We launched yet another Engineering Cluster in Chennai this time in an endeavour to create excellence through the Indian Productivity System (IPS) with focus on in-house R&D. It is no doubt that today, ACT, the ACMA Centre for Technology is an exemplary model of industry intervention through cluster programs and shared learning.

Focus on sustainable development through optimal resource allocation, energy efficiency and recycling is the mantra for success today. The 2nd MSME Summit was another of the many steps by ACMA to sensitise the industry, especially the small-scale sector on this issue.

### **Building Conducive Factors**

To streamline the value chain in the automotive sector through IT intervention has now acquired an altogether new dimension. The EDI data-interchange standards that we had developed together with SIAM are in the pilot phase of their implementation. Further we have initiated another IT project together with TCS for a 'cloud-based' ERP solution tailor-made to the requirements of auto component industry. The solution, significantly less expensive than the conventional ones, will allow for considerable savings for the auto component industry, especially the smaller players.

Shortage of skilled manpower has been an area of concern for our industry. I am happy to mention that we continue to work together with the Automotive Skills Development Council (ASDC), a joint initiative of ACMA along with SIAM and FADA under the aegis of the NSDC, to develop National Occupational Standards (NoS) and curriculum for training on subjects/skills pertinent to the industry.

To attract and retain better talent in the auto component sector, the ACMA Salary survey provides a benchmark for rewards and emoluments. We have recently launched the 2nd ACMA Compensation survey with significantly enhanced scope encompassing blue collared workers as well. It is heartening that a large number of our members have enrolled for the exercise.

The challenge of managerial-depth continues to daunt as the component industry shifts to remote locales to serve the OEMs better. To address this, ACMA together with ISB, Hyderabad has conceptualised a Business Leadership Development Program, which was very well received by the industry this year as well. Learning in the program is through participative case studies developed by the Harvard Business School. Several eminent industry veterans shared their success stories in the interactive sessions.

Access to Capital and the cost of Capital is the single most significant challenge for the industry, especially for the SMEs. To address this, ACMA entered into an MoU with SIDBI to make available credit to the smaller enterprises at lower than market rates. I am happy to report that the ACMA-SIDBI facilitation centre at Delhi has helped several of our members to avail financing at attractive rates.

ACMA also continued to work closely with SIAM through its Sourcing Group, Human Capital Group, IT Committee and the Frontier Technology

Group reflecting true symbiotic spirit between the OEMs and the component manufacturers.

## Knowledge Initiatives

To serve the industry in tune with its evolving needs and to be globally competitive, our Knowledge Partner Ernst & Young (E&Y) kept us abreast, through regular periodic updates, of the Global industry trends, performance analysis of the domestic component industry, trends in commodity prices as also the business & policy environment in India and overseas. The scope of their engagement has been further enhanced to give us a perspective of the international trends in the automotive industry.

To navigate through these challenging times, ACMA has engaged Accenture to conduct a detailed study on 'Achieving High Performance in Turbulent Times – Creating Advantage from Adversity'.

ACMA and SIAM are also jointly conducting a study on the Ferrous Casting Industry for understanding the imperatives for capacity creation, opportunities and challenges in this vital sector of the Auto and Auto Component industry.

I am sure these initiatives will create the much-needed repository of knowledge at ACMA to serve our members even better.

## Policy & Public Affairs

We continued to effectively engage with the Government on several issues critical to the industry including WTO, FTAs, Technical Standards, Automotive regulations, Foreign Trade Policy, challenges of the MSME etc. Our augmented credibility with the Government has resulted in a significant delivery for our members in the recent Foreign Trade Policy Supplement; today over 160 of our tariff lines get some

incentive or other under the various schemes of the Foreign Trade Policy. ACMA will continue to work for enlarging the list of components and countries that qualify for special incentives.

ACMA launched the next phase of its campaign on 'Asli Naqli' to spread awareness on usage of genuine Auto Components and curb the menace of counterfeiting. Several road shows were held in vehicle service markets in Delhi and we will soon scale up this campaign to cover more cities in the country. To control the menace of spurious parts, over five hundred raids were conducted, with good results. We have, this year, also published a manual on IPR that in simple language explains the significance and the rights of an Intellectual Property owner. This initiative is being further strengthened by setting up of an IPR cell in the ACMA office where legal counsel on IPR can be sought.

## Service Delivery

The hallmark of any good Association is its Secretariat. Last year, a record of over 120 events were conducted! I am pleased to mention that the ACMA Secretariat continues to be ISO 9001: 2008 certified. The ACMA website has been revamped to allow for better navigation and information access.

Our Regions have contributed significantly by extending their reach to smaller hubs to improve the capability of the Tier 2s/3s by conducting dedicated local events. We opened a new office in Ahmedabad while an ACMA office is in the offing in Pantnagar. We also intensified our outreach to members in Coimbatore through dedicated staff in Chennai. We have strengthened the infrastructure at all the ACMA offices by significant investments in IT tools. All our offices across the regions continue to be adequately staffed and are delivering effectively. We have also embarked on a detailed

Membership Survey to understand the changing needs of our member and service them better.

## Challenges

While we saw growth coming to a naught in the last year due to uncertainty and lack of confidence, the coming year will be fraught with equally daunting challenges. Volatility in the economy, high interest rates, and lack of direction in fuel policy have decelerated the growth of the automotive market in recent times. Availability of power, lack of managerial bandwidth, and low return on investment add to the challenge of scaling up, especially for Tier 2/3 companies. Further, our Government continues to push for more Multilateral and Bilateral Trade Agreements, increasing the threat of imports; this is in contrast to many of our competitor nations imposing Non-Tariff Barriers on imports.

While there are no immediate solutions to these challenges, we the stakeholders – the industry, the government, the financial institutions, the academia and our workforce must resolve to stand by each other, shoulder-to-shoulder, in these testing times and together overcome the challenges.

## Acknowledgements

I sincerely acknowledge the support of the Governments, the Centre and States, who have been extremely receptive to ACMA's suggestions and inputs. I am grateful to the Ministry of Heavy Industry and Public Enterprises, our nodal ministry, for its unstinted support and guidance.

I would also like to place on record my appreciation for the support extended to us by CII, SIAM, IMTMA and other industry bodies.

Lastly, as I lay down office after an extremely eventful and exciting year, I would like to thank all our members for their support and the trust reposed in me. I would, particularly, like to thank the Vice President, the Regional, Committee and Zonal Chairpersons, the Past Presidents, the Chief Mentor-ACT and our Executive Committee members for their guidance and involvement. I appreciate and applaud the efforts and support provided by the ACMA Secretariat. I am confident that ACMA and the entire Auto Component industry will soon overcome this downturn with élan and come back on the growth path with a new vigour.

— Surinder Kanwar

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## ➔ 52<sup>nd</sup> Annual Session & National Conference on the theme 'Auto Component Industry Ready for The Transition'

September 5, 2012 : New Delhi

**A** CMA hosted its 52<sup>nd</sup> Annual Session & National Conference on the theme 'Auto Component Industry - Ready for The Transition' which was inaugurated by Mr. Praful Patel, Hon'ble Union Minister of Heavy Industries & Public Enterprises, Government

of India. The Annual Session was also graced by distinguished guests including Mr. Pawan Munjal, MD & CEO, Hero MotoCorp; Mr. Adi Godrej, then President, CII & Chairman, Godrej Group and Mr. S Sundareshan, Secretary, Ministry of Heavy Industries & Public Enterprises, Government of India. The Conference focused on the need for looking beyond conventional manufacturing. It centered attention on diversifying into adjacent industries as well as on innovation and R&D.

The ACMA Annual Session witnessed launch of two studies, viz., ACMA-McKinsey study on '**Leveraging Superior Growth Foresight to Strengthen Company Competitiveness**' & ACMA-Ernst & Young study on '**Growing beyond Manufacturing: India as an Emerging Auto Product Development Hub**'.

The **ACMA-McKinsey study** elucidated the essentials on where the growth and value creation were likely to migrate and how Indian component industry could build a global footprint & assimilate capabilities through targeted acquisitions. It also elaborated on the need and the path to be taken by the auto component industry to grow into adjacent markets such as defence offsets, railways, etc. by leveraging their core competency.

The **ACMA-Ernst & Young study** illustrated the trends in product development and the way forward for the automotive component manufacturers in India to move up the value chain through collaborative R&D.

At the inaugural address, Mr. Praful Patel urged the Indian auto component industry to move up the value chain, to innovate and invest in product & process improvement through meaningful R&D in order to be globally competitive.

ACMA's Suppliers Portal, a joint initiative of ACMA and the OEMs was also formally launched at the Annual Session, along with the ACT.



Mr. Praful Patel, Hon'ble Union Minister lighting the lamp



Mr. Adi Godrej  
addressing the Inaugural session



Mr. Pawan Munjal  
addressing the Inaugural session



Release of ACMA-E&Y Study



Release of ACMA-McKinsey Study



# GLIMPSES OF ANNUAL SESSION



## ➔ ACMA Awards for Excellence 2011-12

### Gold Trophy Winners



### ➔ EXPORT

#### General Category

- Gold Trophy : Bharat Forge Ltd., Pune
- Silver Trophy : Hi-Tech Gears Ltd., Bhiwadi
- Bronze Trophy : Comstar Automotive Technologies Ltd., Chennai

#### SME Category

- Silver Trophy : Stork Rubber Products Pvt. Ltd., Gurgaon
- Bronze Trophy : Jumps Auto Industries Ltd., Gurgaon

### ➔ TECHNOLOGY

#### General Category

- Gold Trophy : Indo Nippon Electricals Ltd., Hosur
- Bronze Trophy : Minda Corporation Ltd., Noida
- Bronze Trophy : National Engineering Industries Ltd., Jaipur

#### SME Category

- Certificate of Registration : New Swan Auto Components Pvt. Ltd., Ludhiana
- Certificate of Registration : Bohra Rubber Pvt. Ltd., Faridabad

### ➔ QUALITY & PRODUCTIVITY

#### General Category

- Gold Trophy : Durovalves India Pvt. Ltd., Aurangabad
- Silver Trophy : Varroc Engineering Pvt. Ltd. (Plant VI), Pune
- Bronze Trophy : Nipman Fastener Industries Pvt. Ltd., Haridwar

#### SME Category

- Gold Trophy : Nipman Fastener Industries Pvt. Ltd., Ghaziabad
- Bronze Trophy : New Swan Enterprises II, Ludhiana
- Bronze Trophy : New Swan Auto Components Pvt. Ltd., Ludhiana

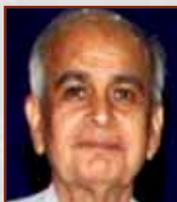
### ➔ RECOGNITION FOR MANUFACTURING EXCELLENCE

- Gold Trophy : Autoliv India Pvt. Ltd., Bangalore
- Silver Trophy : Visteon Climate Systems India Ltd., Bhiwadi
- Bronze Trophy : Endurance Technologies Pvt. Ltd., Aurangabad
- Bronze Trophy : Rockman Industries Ltd., Haridwar
- Bronze Trophy : National Engineering Industries Ltd., Jaipur
- Bronze Trophy : Shriram Pistons & Rings Ltd., Ghaziabad

**Panel of eminent Jury :** Mr. Michael Boneham, former Managing Director & President, Ford Motors India Ltd., was the Chairman of the ACMA Awards' Jury Panel for 2011-12. Other members of the Jury were Dr. Krishan Kumar, former Executive Advisor, Maruti Centre for Excellence(MACE); Mr. John Edwin, Senior Vice President Operations, TAFE; Mr. Vikram Kasbekar, Head Operations & Supply Chain, Hero MotoCorp Ltd.; Mr. Shrikant Marathe, Director, ARAI; Mr. Anil Sinha, Plant Head, Tata Motors, Pune, and Mr. Hemant Sikka, Sr. Vice President, HeadSourcing, Auto & Farm Sectors, Mahindra & Mahindra Ltd.



Mr. Michael Boneham  
Chairman



Dr. Krishan Kumar  
Member



Mr. John Edwin  
Member



Mr. Vikram Kasbekar  
Member



Mr. Shrikant Marathe  
Member



Mr. Anil Sinha  
Member



Mr. Hemant Sikka  
Member

## Executive Committee Meetings

### 5<sup>th</sup> Meeting of ACMA Executive Committee for 2011-12

June 8, 2012 : Ahmedabad

During the Executive Committee Meeting, Mr. M Sahu, Principal Secretary, Industries & Mines, Govt. of Gujarat was invited to interact with EC members. Mr. Sahu shared his insights on growth plan for the manufacturing sector in Gujarat as also the incentives offered by the State Government to the Industry.



ACMA Memento presented to Mr. M. Sahu

### 6<sup>th</sup> & Final Meeting of ACMA Executive Committee for 2011-12

August 1, 2012 : Bengaluru

During the meeting, an interactive session was organised. Mr. T. Yoshioka, Sr. Vice President-Purchase and Mr. Vikram Kirloskar, Vice Chairman, Toyota Kirloskar Motor shared their insights on prevailing opportunities & challenges of Indian Auto Market and highlighted the expectations from the Component Industry.



ACMA Memento presented to Mr. T Yoshioka

### 1<sup>st</sup> Meeting of ACMA Executive Committee for 2012-13

September 5, 2012 : New Delhi

At the Executive Committee Meeting, Mr. Arvind Kapur, the Outgoing President of ACMA expressed his appreciation and sincere thanks to the Past Presidents for their guidance and encouragement during the year and also thanked the EC members, ACMA members and the ACMA Secretariat for their support in all major endeavours of the Association. He then welcomed the new President elect Mr. Surinder Kanwar and Vice President elect Mr. Harish Lakshman.



1<sup>st</sup> Meeting of ACMA Executive Committee



ACMA memento presented to Mr. Eric Nesselhauf

### 2<sup>nd</sup> Meeting of ACMA Executive Committee for 2012-13

November 30, 2012 : Pune

### 3<sup>rd</sup> Meeting of ACMA Executive Committee for 2012-13

January 18, 2013 : Bengaluru

During the meeting an interactive session with Mr. Erich Nesselhauf, Vice President-Procurement, Daimler India Commercial Vehicles was organised. Mr. Erich Nesselhauf highlighted on the creation of a new product for the Indian market – Bharat Benz Trucks and their complete localization out of which 60% sourced from SMEs. He urged the Suppliers to address on the critical issues such as, Time Management & Planning, Flexibility, Capacity, Communication & Part Quality. Supplier-OEM Partnership Program followed at Daimler was also briefed during the interaction.

Mr. S. R. Rao at 4<sup>th</sup> EC Meeting

### 4<sup>th</sup> Meeting of ACMA Executive Committee for 2012-13

March 15, 2013 : New Delhi

An interactive Session with Mr. S.R. Rao, Secretary, Department of Commerce, Govt. of India was organised during the meeting. Mr. A K Taneja, Past President, ACMA and Chairman, ACMA Economic Affairs Committee made a presentation on the state of the industry, especially the challenges faced by the industry with regards to exports and imports. Mr. Rao mentioned that the Department of Commerce had identified the Automotive sector as a 'Winners' sector and assured all possible support to the industry to ensure its competitiveness.

## ➔ Felicitation Ceremony for Doyens of Automotive Industry

February 21, 2013 : Mumbai

ACMA & SIAM Jointly organised a felicitation ceremony to honour three doyens of Automotive Industry – Mr. Keshub Mahindra, Mr. Ratan Tata and Mr. R J Shahaney on 21 February 2013 in Mumbai. The event was held to celebrate and commemorate the pioneering role played by them in shaping the automotive industry. The event witnessed participation from top leaders from the OEMs and the Component industry.



## ➔ ACMA Centre for Technology (ACT)



Launch of ACT SME Cluster in Bosch Chassis

*Spearheading the quality, productivity and technology drive amongst the member companies has been the motto of ACMA Centre for Technology (ACT). This was continued during this year as well by ACT with several new programs on these subjects.*

### Launch of ACT SME Cluster in Bosch Chassis Systems India Ltd, Chakan

August 24, 2012 : Pune

Mr. Rahul Shirodkar, Manager, Product Development, Bosch Ltd. rolled out the program. Mr. K. Chandrasekhar, Principal Counselor, ACMA (ACT Division) conducted the kick-off program for all 10 cluster member CEOs'. The ACT Cluster Roadmaps were once again presented.

### Launch of ACT-Bosch Basic Cluster

August 16, 2012 : Bengaluru

The cluster is for 12 months duration, starting from 1<sup>st</sup> September, 2012 to 31<sup>st</sup> August, 2013. There were 10 companies participating in the Cluster and all of them are BOSCH Vendors, located in Bengaluru.

### ACT-CII Counselors' Conference

May 28-29 2012 : Gurgaon

Mr. Arvind Kapur, President ACMA, Mr. Srivats Ram, Co-Chairman ACT, Mr. C. Narasimhan, Chief Mentor ACT, Ms. Sarita Nagpal, Dy. DG, CII, and Mr. Vinnie Mehta, ED ACMA, along with ACT/CII Counsellors' Team were present in this event. The objective of the conference was to share each others' achievements as also to discuss the challenges faced by the counsellors in implementation of various quality initiatives at cluster member companies. In addition, the agenda also included - how CII and ACMA expertise could best be utilized in the present situation of auto component industry.



Mr. Soumitra Bhattacharya, Senior VP, Bosch addressing the Cluster members



ACT-CII Counselors' Conference



Launch of Quality Circle program

### Launch of 12 months Quality Cluster Program

September 3, 2012 : Jamshedpur

It was observed that there was a need for industry specific training program Focused on Quality and Safety. ACT launched the "First Quality Cluster Training Program" for the Eastern

Region (Jamshedpur) member companies in September 2012. The program received an overwhelming response from its members. Plan for second group of member companies is underway.

### Launch of 2<sup>nd</sup> ACT Engineering Cluster

December 17, 2012 : Chennai

The Engineering Excellence cluster program is an important part of the “Indian Production System” which suits the Indian Culture. The cluster will primarily focus on Engineering aspects of manufacturing set-ups such as design of Lean Machines and accessories, Toolings, Gauges, Jigs & Fixtures, assembly work stations, material handling, logistics and making the shop-floor environment friendly. This cluster proposes to re-visit and re-look into the conventional and established work practices. ACT launched the 1<sup>st</sup> Engineering Cluster in July, 2012 which received a tremendous response from the members. The 2<sup>nd</sup> Engineering Cluster - a two year improvement journey, which will focus on bringing Engineering Excellence for the participant companies.



Launch of 2<sup>nd</sup> ACT Engineering Cluster



### Certified Course on Train the Trainer – Productivity Improvement : 2<sup>nd</sup> Batch

October 2012 – March 2013 : Pune

The training includes one full day per month classroom sessions spread over 5 months. From assessing training needs to post-training evaluation/assessment, the “Train the Trainer Programme” helped trainees to understand the finer points of being a trainer and understanding the role. The closing ceremony of the program was held on 27<sup>th</sup> February, 2013. All participants made presentations on the project completed during the training at their respective companies and the benefits accrued. Mr. Srivats Ram, Chairman ACT, handed over “Trainer Certificates” to the participants.



Certified Course on Train the Trainer – Productivity Improvement

### ACT – HIDA – AOTS Training Program

ACMA Centre for Technology, in association with HIDA (Human Resources and Industry Development Association, Japan) and AOTS (The Association for Overseas Technical Scholarship,



ACT – HIDA – AOTS Training Program



Training on Basics of Japanese Productivity Improvement

Japan), organized three training programs and visits to Sanjeev Auto Parts Manufacturers Pvt. Ltd., Aurangabad, Rucha Engineering, Ahmedabad and Munjal Auto, Vadodara. Through these programs a total of 90 participants have been trained in Japanese production techniques. The city-wise program details are as given below:

### **Training on Next Level of Gemba Kaizen** 29-30 January, 2013 : Aurangabad

Faculty: Mr. Norio Suzuki, President of Consulting Bell Office Private Ltd.

Chief Guest: Mr. Shekhar Thorat- Executive Director, Metalman Auto Pvt. Ltd.



Training on Basics of Japanese Productivity Improvement

### **Training on Basics of Japanese Productivity Improvement**

21~23 February, 2013 : Ahmedabad  
25~27 February, 2013 : Vadodara

Faculty: Mr. Susumu Takahashi, Consultant, Intelligent Production Japan Inc.

Chief Guest: Mr. Ranjeet Gupte, DGM (SQIG), Tata Motors Ltd.

### **Launch of "Quality Improvement Project" for Tata Motors' Sheet Metal Suppliers** February 11, 2013 : Pune

ACMA Centre for Technology (ACT), Pune office launched a Quality Improvement Project for six sheet metal suppliers of Tata Motors Ltd, Pune. This 12 months project would focus on "Quality Deliverables".

Mr. Srivats Ram, Chairman, ACT and Mr. S.B.Borwankar, Executive Director, Tata Motors Ltd. were present during the launch on 11<sup>th</sup> February, 2013.



Launch of "Quality Improvement Project" for Tata Motors' Sheet Metal Suppliers

## ➔ National Committees

*Continuing with their drive to strengthen the competitiveness of Indian auto component manufacturing industry, the National Committees and the Regional Offices of ACMA added a new dimension to their regular activities during the year by putting strategies in place to effectively deal with the volatile business environment on the domestic as well as the international front.*

### **Aerospace, Defence & Railways Committee:**

*The Committee continued its exercise of exploring new business opportunities by strengthening its linkages with customers like HAL, etc. It's also working towards understanding the opportunities in greater details by way of a proposed study on the sector.*

#### **Meeting with Dr. H P Kumar, Chairman – NSIC**

December 28, 2012 : New Delhi

The Government mandate on “Public Procurement Policy” and the “Defence Offset obligations” opportunities for the MSMEs are implemented through the nodal agency NSIC. To understand the opportunities for ACMA members, Mr. Pranav Kapuria, Chairman, Aerospace, Defence & Railways Committee and Mr. Sunil Arora, Chairman, MSME Committee, ACMA met Dr. H P Kumar, Chairman – NSIC and discussed on joint events of ACMA & NSIC.

#### **Opportunity to supply to Hindustan Aeronautics Ltd. - HAL Symposium**

January 12, 2013: Bengaluru

ACMA took a Mission of 25 members to the Symposium of HAL to provide opportunities for diversification, which was led by Mr. Pranav Kapuria, Chairman of ACMA Aerospace, Defence & Railways Committee. The Mission members were guided for a Visit to the Shop-floor of the Helicopter Division and the Gear Manufacturing section.

ACMA Mission members were facilitated by the HAL team consisted of officials, viz., Mr. S Subramanyan,



ACMA mission to Hindustan Aeronautics Ltd.

Managing Director of MIG Complex, HAL-Nashik; Mr. V Sadagopan, General Manager, Helicopter Division, Bengaluru; Mr. M S Srinath, Executive Director – Helicopter division ; Mr. N Nagabhushanam, Chief of Projects (CH/CK) – Helicopter Division ; Mr. Ashok Aseri, General Manager – Indigenisation & Tech. Dev. ; Mr. Rajender Sharma, Dy. General Manager (IMM) & Head –Procurements ; Mr. Surya Kant, AGM.

As a follow-up action, the Sukhoi Engine Division of HAL which manufactures Engines for Defence Aircrafts approached ACMA for their huge requirement of components in the manufacturing of Aero Engines. ACMA members were requested to register with HAL for availing such opportunities and many ACMA members applied to HAL already for becoming their vendors.

#### **Interaction of Committee Members with Col. K V Kuber, Advisor, NSIC**

February 1, 2013 : New Delhi

Following the meeting with the Chairman of NSIC – Dr. H P Kumar on 28th December 2012, an Interaction with Col. K V Kuber, Advisor at NSIC was organised. The objective of the Interaction was to discuss and understand in detail on the opportunity prevalent for the members in the Defence sector and in particular on the Defence Offset Obligations. ACMA MSME members were requested to register with NSIC to take advantage of supplying for Defence Offset Obligations.

### Visit to Aero Show

February 5 & 6, 2013 : Bengaluru

The Aero Show – Asia's premier Air Show - was organized by the Ministry of Defence from 6 – 10 February 2013 at the Air Force Station at Yelahanka, Bengaluru. The biennial event is a dedicated global aerospace and aviation business activity, which allows the aviation and aerospace industry to promote and showcase their products and services to an international professional business audience. Nearly 700 companies participated at the show, this year. Few ACMA ADR Committee members & the Secretariat visited the Show in an attempt to strengthen the net-working and the engagement with the pioneers in the Sector.

### Meeting with Mr. Jagmohan Singh, Sr. Director, Business Development, Lockheed Martin India

February 25, 2013 : New Delhi

Following the Visit to Aero Show & its meetings, in an effort to build & strengthen the linkages with the pioneers in the ADR sector as also to understand the opportunities that the sector could offer to ACMA members, Mr. Pranav Kapuria, Chairman, ADR Committee along with the Secretariat met Mr. Jagmohan Singh who projected an overview of Lockheed Martin US - the largest defence contractor globally with more than 80% from the US govt. - & their plans for India in Defence sector including the Defence Offset obligations. The highlight is that the US OEMs are keen in developing / modernizing their programs in India.

### Meeting with Dr. Harvansh Batra, Director - Sourcing, EADS Airbus Global Sourcing Network, EADS India Pvt. Ltd.

February 25, 2013 : New Delhi

In an effort to build & strengthen the linkages with the pioneers in the ADR sector. Mr. Pranav Kapuria, Chairman, ADR Committee along with the Secretariat met Dr. Harvansh Batra. The EADS Aerospace Commercial segment offers a good potential of 40 – 45 Aircrafts of A-320 per month, thereby offering a regular and a long term business potential. Dr. Batra mentioned that it is easier to enter the sector through a Partnership with a Tier-1 company who is already in the sector.

### A proposed study on Aerospace & Defence Sectors - Underway

The ACMA – McKinsey Study released on 5th September 2012 reveals that the auto adjacent markets in India, viz., Aerospace, Defence, Railways, construction equipments etc. are also becoming sizable markets, opening another window of opportunity for auto component suppliers. In order to do a deep dive into the market dynamics and opportunities in Defence and Aerospace Sector, a need was felt to engage a Consultant to do a study which would also help evolve a long term strategy at the Industry level. To take this forward, meetings with few Consultants were arranged and they were given the broad mandate on ACMA's plans and expectations from the Study. The Second phase on selection of a Consultant to carry out the study, would now be engaged in the near future in consultation with the captains of the industry.



Seminar on Anti-Counterfeiting

### Consumer Affairs Committee

While continuing its drive against the counterfeits through "Road Shows", the Committee also released an ACMA IPR Manual, which is a ready reckoner for deeper insight into IPRs and the rights of an IPR owner.

### Seminar on Anti Counterfeiting on the World Anti Counterfeiting Day

June 8, 2012 : New Delhi

ACMA & SIAM jointly organized the National Seminar on Anti Counterfeiting to address the

challenge of counterfeiting and to commemorate World Anti Counterfeiting Day. Inaugurating the Seminar, the Chief Guest - Mr. Ambuj Sharma, Joint Secretary, Ministry of Heavy Industries and Public Enterprises recalled his Visit to Asli-Naqli Show at Auto Expo and reiterated that it was an excellent medium to educate every citizen on counterfeits.

### **Interaction with Custom Officers and the Asli Naqli show at the New Customs House**

July 12, 2012: New Delhi

The Asli Naqli show specifically designed for Custom officers was an attempt by ACMA to create awareness against counterfeit imports linked to packaging, holograms and also on variations in parts that are otherwise not noticeable. More than 25 custom officers were given a guided tour of the Asli- Naqli parts displayed by member companies in the programme.

ACMA members also interacted with the Joint Commissioner and his team with the discussions focusing on some safeguards companies needed to take of products categories regularly in import.

### **International Conference : Insights on the Global Aftermarket : Opportunities & Challenges**

August 22, 2012 : Gurgaon

ACMA members export high quality products, 80% of which are to global OEMs & Tier 1s. However this ratio is somewhat skewed compared to global market trends which are more balanced while addressing the OEs and aftermarket trends. To take a holistic view, ACMA Consumer Affairs and Globalization Committee jointly organized a one day international conference.

Mr. Ambuj Sharma, Jt. Secretary, Ministry of Heavy Industries and Public Enterprises, Mr. C K Mishra, Jt Secretary, Ministry of Micro Small and Medium Industry joined the Inaugural Session. The conference, for the first time, was arranged with the support of Ministry of MSME.

### **Asli Naqli Mobile Road shows - campaign against counterfeits**

November 2, 2012 : Delhi

Subsequent to the Asli Naqli road shows held in six different locations in Delhi and the NCR earlier in the year, ACMA initiated the 'Asli Naqli Mobile Road shows' in the next phase of campaign against counterfeits. The first Mobile Road show took place in RK Puram, Vasant Kunj, Dakshin Puri of New



Interaction with Customs Officers



Joint Secretaries - MoHI and MSME at the Inauguration



Asli Naqli Mobile Road shows - campaign against counterfeits



Mr. Soumitra Bhattacharya addressing the Seminar

Delhi region. Mobile Road shows have been aimed to capture mass attention and to create mass opinion against use of counterfeit parts through 'Nukkad Nataks' (Street Plays) by well trained artists.

ACMA has successfully been able to carry this first ever initiative to educate and sensitize the retail community and the end users through a package of activities that have on offer a combination of exhibition, entertainment and knowledge dissemination. Auto Component Industry representatives also interacted with the distributors and retailers in the area.

### **ACMA Automechanika India Seminar and the IPR Manual Release**

February 8 & 9, 2013: New Delhi

Coinciding with ACMA Automechanika New Delhi, the ACMA Consumer Affairs Committee jointly with Messe Frankfurt Trade Fairs India Pvt Ltd organized an Aftermarket Seminar in New Delhi. Speakers at the seminar offered insight on a host of issues and changing trends in the Indian aftermarket and also the aftermarket approach of some of the emerging markets. Deliberations also threw light on improving the auto component value chain, customer-supplier relationship, multi brand car servicing, skill challenges and some effective strategies adopted in combating counterfeits. The Committee also released an ACMA IPR Manual at the seminar.

#### **Government Interactions:**

As an ongoing endeavour of the Committee on the need for mandatory standards for parts in the aftermarket, regular meetings with Government including the Secretary, Joint Secretary of the

Ministry of Heavy Industry, Ministry of Road Transport and Highways and the Department of Consumer Affairs took place in the year.

### **Economic Affairs, WTO & KP Committee**

*ACMA continued its dialogue with the various Ministries and departments of the Government, at the centre and the states, on issues impacting the Auto Component Sector and made appropriate representations. Periodic updates from ACMA's Knowledge Partner and in-depth reports on subjects of topical interest kept members abreast of the dynamics of the auto component industry in India and overseas.*

#### **Economic Affairs, WTO & KP**

The year saw an increased engagement with various Ministries and Departments of the Government of India. Appropriate representations were made and consultations were held across Ministries and Departments. ACMA continued to be a member of most of the Ministry level Committees and Sub Committees.

#### **Ministry of Heavy Industries and Public Enterprises (MOHI & PE)**

ACMA represents at various committees, working groups and panels like Development Council for Automobile and Allied Industries (DCAAI), Development Council for Machine Tool Industry, Indo-German Joint Working Group, India Netherlands Working Group, National Council for Electric Mobility, etc. The Ministry continued its partnership through formal dialogue and regular meetings.

A number of new Industry-Government initiatives took shape under the umbrella of the Ministry of Heavy Industries & Public Enterprises. This parent ministry for the automotive industry, has in the past year released the National Electric Mobility Mission Plan (NEMMP) to provide a common roadmap for hastening the manufacturing and adoption of electric mobility in the country. The principal end objectives of the National Mission for Electric Mobility (NMEM) are national energy security, mitigation of the adverse impact of vehicles on the environment and growth of domestic manufacturing capabilities. The NEMMP 2020, the mission

document for the NMEM that was approved by the National Council for Electric Mobility (NCEM) on 29<sup>th</sup> August, 2012, sets the vision, lays the targets and provides the joint Government – industry vision for realizing the huge potential that exists for full range of efficient and environmentally friendly electric vehicle (including hybrids) technologies by 2020.

Another initiative by the Ministry is a review of the Automotive Mission Plan 2006-2016. It has commenced work to analyse the targets set and prepare a strategy to address the needs of the automotive industry keeping in view the evolving trends. The review will assist government to prepare a comprehensive Automotive Mission Plan for the next decade – AMP 2026. It is envisaged that AMP 2026 will be the “cornerstone of the government policy” for the sector. A number of specialised Working Groups will be formed for making key recommendations, suggesting policy framework, schemes, etc. The Working Groups will comprise of officials from government and industry.

In the meanwhile, the Ministry continued its support of the auto component industry on various issues such as Foreign Trade, Fiscal Policy, R&D, Skill Development, etc. ACMA submitted a number of representations on the issues that directly impact the industry.

The MOHI & PE played a crucial role on all aspects of policy and acted as a catalyst in fostering growth in the automotive industry.

### **Ministry of Commerce & Industry**

ACMA continued its close interaction with the Ministry of Commerce & Industry and DGFT on various issues connected with International Trade Policy, Trade Promotion and Foreign Trade. Regular consultations also took place on various FTA negotiations, especially on the coverage of products and rules of origin.

Supplement 2013-14 of Foreign Trade Policy 2009-2014, and also the mid-year review, focused on benefits to industry for increased exports. ACMA continued its dialogue with the DGFT reference the need to increase benefits for Export Promotion to the auto component industry. Consequently, benefits available to the auto component industry have increased substantially. Additional benefits were extended to the Auto Component Industry under the Chapter 3 Export Promotion Schemes-

Market Linked Focus Product Scheme (MLFPS) and Focus Product Scheme (FPS). New markets have identified under Focus Market Scheme. Incremental Export Incentive Scheme has been notified and benefit extended to cover 53 countries of Latin America and Africa in addition to the earlier notified markets.

### **Fiscal Policy**

On the fiscal policy front, ACMA continued with its established practice of providing specific suggestions to the Ministry of Finance for the Union Budget. Some of the specific recommendations made by ACMA related to increase in abatement rate for expenditure incurred on in-house R & D, weighted deduction on expenditure incurred on skill development, customs duty on auto components should remain unchanged, etc.

### **Parliamentary Standing Committee**

Interactions were held with the Parliamentary Standing Committee on Industry where ACMA highlighted all the key recommendations for promoting the growth of the auto-component industry.

### **Planning Commission**

ACMA had increased engagement with the Planning Commission during the year. The association represented issues pertaining to the auto component industry on a number of occasions. ACMA also highlighted to Government at every occasion, the cost disadvantage borne by the industry due to the “external factors” which was eroding the competitive position of the industry.

### **Ministry of Road Transport & Highways**

ACMA participated in meetings and discussions organised by the Department of Road Transport. It continued to play a role in the establishment and constant revision of automotive standards under CMVR, AIS and BIS. The association also participated in meetings related to WP 29. ACMA also continued the discussion on setting up minimum technical/quality standards for components sold in the aftermarket.

### **Knowledge Partner:**

The ACMA Knowledge Partner - Ernst & Young continued to provide knowledge based services to

the association during the year. Services by Ernst & Young included regular updates and reports on Taxation, Commodity prices and Statistical updates to include Import & Export trends and Financial Analysis of the sector. The Knowledge Partner also provided the industry with specific country Reports and made presentations to ACMA Delegations that travelled overseas.



IPO Forum Meeting 2012-2013



CEOs' Mission to France &amp; Sweden



CEOs' Mission to Macedonia

## Globalisation Committee

*In its endeavour to promote exports, ACMA intensified its globalization efforts by participating in several new international Trade Fairs. ACMA renewed its tie-up with Messe Frankfurt in January 2012, which allowed it to reach out to the emerging markets. ACMA Trade Missions to South Africa and Brazil were also highly successful.*

## 1<sup>st</sup> IPO Forum Meeting 2012-2013

April 4, 2012: Bengaluru

The first IPO Forum meeting for the year 2012-2013 was held in Bangalore with the objective to discuss on how to take further the five initiatives which the Forum had been driving since last two years. The initiatives were: to improve Quality of Tier 2 suppliers; to develop Engineering capabilities among tier 2/3 suppliers; to improve Project Management capability; to improve Supply Chain capability & to understand other LCC pricing and levers for cost competitiveness.

## CEOs' Mission to France & Sweden

16 - 20 April 2012

ACMA organised a CEOs' Mission to France & Sweden. Delegates from 18 companies got the opportunities of interacting with the senior purchasing teams of OEMs like PSA, EADS, Renault, Volvo trucks, Volvo cars, Scania, Husqvarna besides other representatives from the French and Swedish automotive industry. Specific meetings with Buyers and ACMA's counterparts FIEV and FKG members were organised.

## CEOs' Mission to Macedonia

April 21-22, 2012

At the behest of H.E. Mr. Nikola Gruevski, Hon'ble Prime Minister of the Republic of Macedonia, an ACMA delegation comprising Mr. Arvind Kapur, President, Mr. Surinder Kanwar, Vice President, Mr. Deep Kapuria, Past President and Mr. Vinnie Mehta, Executive Director, ACMA visited Macedonia with the objective to explore investment opportunities in Macedonia.

### Canada's Automotive Parts Manufacturers' Association (APMA) Annual Conference and Exhibition

June 5-7, 2012 : Windsor, Ontario, Canada

ACMA through the Canadian Consulate in India was invited to the Annual Conference and Exhibition of its counterpart in Canada –APMA. The program included visits and exposure to programs run by the universities for the automotive sector and also Industry-Academia Partnership in product and technology development. The Conference showcased the strengths of the Canadian manufacturing sector and how it supported the North American automotive industry. It also highlighted the growing importance of the South American market as part of the growth for the industry and possible areas of cooperation/ partnerships and business.

### PAACE Automechanika Mexico

July 18-20, 2012

ACMA and CII jointly organized an Indian Pavilion at "PAACE Automechanika Mexico" - the most important annual automotive trade show of Mexico and Central America. The broad objective of India's participation was to showcase our strengths and capabilities in both developed and emerging markets. The India Pavilion was spread over an area of 550 sq. mtrs. wherein 35 Indian companies participated in the show.

### CEOs' Mission to Russia

July 16 – 20, 2012

The mission included interaction with the purchasing teams of General Motors, Magna, Ford Sollers, GAZ, John Deere, Kamaz & AvtoVaz and Nomura Research Institute, Ernst & Young. A seminar was also organised with NAPAK (ACMA's counterpart) & its members. A formal MOU was also signed with NAPAK in order to strengthen and enhance our relationship with the Russian Auto Component Industry.

### Automechanika – The World's Leading Trade Fair for the Automotive Industry

September 11-16, 2012 – Frankfurt, Germany

After a gap of a decade, ACMA renewed its participation at the Fair, last year, by way of a joint



PAACE Automechanika Mexico

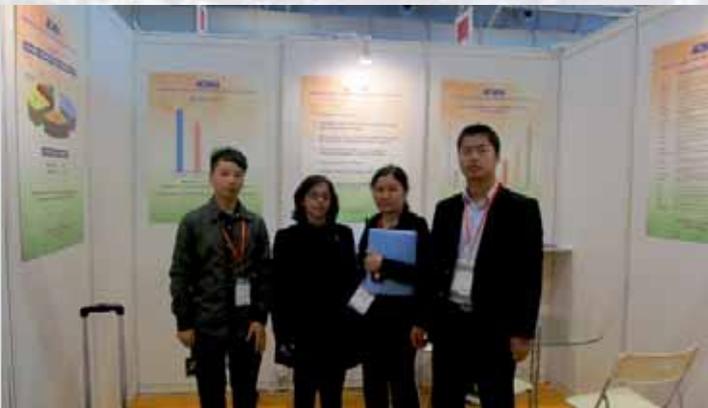


CEOs' Mission to Russia



Participation at Automechanika Frankfurt

participation of ACMA members displaying at the same hall where it used to be positioned, earlier. The show was spread over an area of 3,05,000 sq. mtrs, with 4593 exhibitors from 74 countries witnessing around 1,48,000 visitors. There was a presence of 165 companies from India out of which 29 were ACMA members with an exhibiting area of 651 sq. mtrs. ACMA's Joint stand witnessed visitors from USA, Europe, Mexico, Canada, Middle East, China, South East Asia, Russia and Brazil.

At 64<sup>th</sup> IAA Commercial Vehicles, Hannover6<sup>th</sup> China International Auto Parts Expo (CIAPE)

On 13<sup>th</sup> September, 2012 ACMA, Engineering Export Promotion Council (EEPC) and Messe Frankfurt under the patronage of the Embassy of India in Germany, celebrated "India Day", as part of the Government of India's initiative to mark the 60<sup>th</sup> anniversary of establishment of diplomatic relations between the two countries.

### Group Participation at 64<sup>th</sup> IAA Commercial Vehicles :

September 18-27, 2012, Hannover, Germany

ACMA for the third time organised a joint participation of its members at the show organised by ACMA's counterpart association VDA. The ACMA India stand was spread over an area of 81 sq. mtrs. with 10 member companies participating. Participation was supported by Ministry of Commerce & Industry under its MDA Scheme which helped in projecting India in a much better way with a larger visibility. Exhibiting companies received good leads from the major OEMs and Tier 1s with RFQs and specific enquiries. Members who

displayed catalogues at ACMA Information booth received enquiries from more than 80 business visitors. Around 1,48,000 visitors were at the show during the first four days.

An India day was also organised on 21<sup>st</sup> September by VDA with the support of ACMA and SIAM. More than 200 people attended.

### 6<sup>th</sup> China International Auto Parts Expo (CIAPE)

October 26-28, 2012 : Beijing, China

ACMA & CII in association with Embassy of India, Beijing, China and with the support of Ministry Commerce and Industry organized India Show at the CIAPE Expo in Beijing, China. India was a partner country at the show. CIAPE, a show oriented to global original equipment manufacturers, part manufacturers and the aftermarket represents the latest development level of the Chinese automotive industry and global auto industry. The India Pavilion at CIAPE with an approx. 900 sq. mtr. area had 59 exhibitors participating at the show. Of these, ACMA was represented by a sizeable share of 22 member companies participating in the event.

Dr. S Jaishankar, Indian Ambassador to China inaugurated the inaugural of "India show".

### Meeting with Promexico, Mexico

October 29, 2012 : New Delhi

ACMA had a meeting with Mr. Carlos Guzmán Bofill, CEO, ProMexico, Ministry of Economy, Government of Mexico. ProMexico is the Mexican Government institution (an integral part of Ministry of Foreign Relations and Ministry of Economy, Government of Mexico) in charge of strengthening Mexico's participation in the international economy. The objective of the meeting was to strengthen the relations between the organisations and to help each other in every possible way.

### Delegation from Standardization Chubu Social Conference (SCSC), Japan

November 28 & 29, 2012 : New Delhi

A delegation from Standardization Chubu Social Conference (SCSC), Japan comprised of 6 companies visited to discuss about the current situation of the standardization and quality management (level of the product quality) in the

industry and to see the prospects & also research into the characteristic of the employee management. Presentation on the Indian industry was shared. SCSC is included in JSA (Japanese Standards Association) the only one organization for management of Japanese Industrial Standards (JIS). ACMA arranged plant visits also for the delegation to some member companies.

### ACMA-CII Joint Participation at Automechanika – Shanghai, 2012

December 11-14, 2012 : Shanghai

ACMA jointly with CII participated at the –Automechanika Shanghai, the annual international trade fair for automotive parts, equipment and service suppliers. Organised by Messe Frankfurt (Shanghai) Co. Ltd. and the China National Automotive Industry International Corporation (CNAICO), the show attracted 4,109 exhibitors from 37 countries and regions. The figures represent a 33 percent increase in international exhibitors in almost 180,000 sqm of exhibition space covering 17 halls. An ACMA- CII Joint initiative with the Ministry of Commerce (MoC) funding support organized an India Pavilion with 30 companies exhibiting their products in the Automechanika – Shanghai show.

### CEOs' Mission to South Africa

January 28 to February 1, 2013

ACMA in co-operation with Indian High Commission in South Africa & ACMA's MoU partner NAACAM, organised a CEOs' Mission to South Africa. Coinciding with the mission, a seminar on “India South Africa Automotive Sector” was held in Pretoria. The seminar projected the opportunities available for Indian firms in South Africa, and for South African firms in India. The delegates were exposed to prevailing best practices followed by OEMs and Tier-2s in South Africa, and they also got a chance to interact with several agencies and representatives from the South African automotive industry. The delegation of 13 companies visited Nissan, Ford, GM, VW and had meetings with their senior purchasing team. Also meetings with Automotive Industry Development



Delegation from Standardization Chubu Social Conference (SCSC), Japan



ACMA-CII Joint Participation at Automechanika – Shanghai, December 2012



CEOs' Mission to South Africa

Centre (AIDC), Retail Motor Industry Organization (RMI), National Association of Automotive Component and Allied Manufacturers (NAACAM) etc. were also facilitated.

### International Purchasing Offices Conference on Global Sourcing : Opportunities & Challenges

February 7, 2013 : New Delhi

ACMA along with the IPO Forum organised the 3<sup>rd</sup> IPO Conference coinciding with the ACMA Automechanika New Delhi which was held from 7 - 10 February, 2013. The broad objective of the Conference was to share the perspective on Global Sourcing Opportunities and Challenges. The Chief Guest was Mr. Ambuj Sharma, Jt. Secretary, Ministry of Heavy Industries & Public Enterprises. IPO Forum members, viz., Renault-Nissan and Business Centre India (RNTBCI), Volkswagen India and General Motors India shared their Global Sourcing Opportunities & Challenges.

### Automechanika Kuala Lumpur - 2013 March 7 – 9, 2013, Malaysia

There were 190 exhibitors from 17 countries. ACMA participated at the show with 10 member companies spread over 117 sq mtrs. The India Pavilion was inaugurated by the High Commissioner of India. The India Pavilion has also attracted

visitors from OEMs, Dealers/ distributors etc. A day prior to the exhibition, ACMA also organized a Plant Visit to Proton with 15 led by Mr. J.S. Rangar, MD, Stork Auto.

### 8<sup>th</sup> Dhaka Motor Show 2013

March 28 to 30, 2013: Bangladesh

ACMA for the first time organized its Group Participation (India Pavilion) at the 8<sup>th</sup> Dhaka Motor Show, 2013 after last participation in 2006. Besides India the other countries who had country pavilions at the show were Bangladesh, Taiwan, China, Sri Lanka, Dubai, USA, Pakistan, Malaysia, Japan etc. ACMA through its information booth at the show disseminated information on the Indian Auto-Component Industry. One ACMA member company also displayed their product catalogues and their product information was freely distributed. There were 68 exhibitors from over 10 countries.

### HR, IR & Skill Development Committee

*Addressing challenges of Human Resource through collaborative efforts has been a forte of this committee. Together with the regions, the Committee continued its efforts of creating and retaining talent in the industry.*

### 3<sup>rd</sup> HR Conference : “Engage HR as Strategic Partner and Cultivate Internal Skills”

May 9, 2012 : Gurgaon

The Conference was jointly organised with ACMA (Northern Region). The objective was to discuss and understand the paradigm shift in the role of HR



IPO Conference on Global Sourcing : Opportunities & Challenges



8<sup>th</sup> Dhaka Motor Show 2013



Mr. Vijay K. Gokhale, High Commissioner of India at Automechanika, Kuala Lumpur

& IR under changing global scenario and projected growth of Automotive Industry.

## 2<sup>nd</sup> Automotive HR Conclave

June 14 - 15, 2012 : Mumbai

The Conclave was organized jointly by ACMA, SIAM, FADA and NHRDN, aimed to create the time and space for entrepreneurs, business leaders, line and HR managers of the Automotive Industry to collectively dialogue on the HR levers required to create an auto industry that is Future Ready today.

## 1<sup>st</sup> Automotive Mega Job Fair

June 19-20, 2012 : Bhandara, Maharashtra

ACMA and SIAM organized the 1<sup>st</sup> Automotive Job Fair under the aegis of the Hon'ble Union Minister for Heavy Industry & Public Enterprises – Mr. Praful Patel in his constituency - Bhandara-Gondia, (Maharashtra) which has 17 ITIs and a number of Polytechnics, driving schools and an Engineering College. The objective of the Job Mela was to scout for and recruit the skilled and semi-skilled manpower trained by these institutions.

## ACMA Pride T20 Cup

January 13, 2013: Gurgaon

ACMA organised its first-ever T20 cricket tournament to promote camaraderie amongst its members. The tournament commenced on 7<sup>th</sup> October 2012 with twelve participating teams. Spark Minda Group, Vikas Group, Rico Auto and Subros Ltd. were the other teams that played in the semifinals. The other participants were teams from Autofit, Ecocat, Gabriel, Mahle Filter Systems, Roop Polymers, Sandhar Technologies, Senior India, Sona Koyo Steering Systems, Subros & Visteon Climate Systems.

## Regional HR Fora

Regional HR Fora meetings were held at regular intervals with the objective of sharing best HR Practices, networking and learning from each other. These meetings created a strong network among HR Professionals within the Auto Component Industry.

## Joint ACMA – SIAM HR Committee Meetings

There have been 3 joint meetings of ACMA & SIAM HR Committee. The objective of these meetings



Mr. F R Singhvi addressing the conference on Engage HR



2<sup>nd</sup> Automotive HR Conclave



1<sup>st</sup> Automotive Mega Job Fair



ACMA Pride T20 Cup

were to discuss the common issues of interest and to strengthen relationship with HR Professionals of OEMs.

## Other activity

### Inter-Unit Competition during Environment Week

June 5-11, 2012

To commemorate World Environment Day, the Inter-Unit Competition of Posters and Slogans was organised in which 30 Units within ACMA membership participated. Winners were as follows:-

#### Category : Posters

1<sup>st</sup> Position - Ms. Asita Lahiri, Midarika Pvt. Ltd., Gurgaon

2<sup>nd</sup> Position - Ms. Lohitha Reddy, Subros Ltd., Noida

3<sup>rd</sup> Position - Mr. Ramakant Sharma, Rico Auto Industries Ltd., Gurgaon

#### Category : Slogans

1<sup>st</sup> Position - Mr. Jagbhan Singh, Roop Polymers Ltd., Sohna

2<sup>nd</sup> Position - Mr. Ramesh Kumar, Continental Automotive Components (India) Pvt. Ltd., Gurgaon

3<sup>rd</sup> Position - Mr. Harikesh Arya, Rane NSK Steering Systems Ltd., Bawal

### Activities of Automotive Skills Development Council (ASDC) for the Auto Sector

NSDC has formed this Auto sector council with a mandate for working towards development of the

skills' environment. ASDC is expected to work with support from the Industry for creating the capacity and capability for :

- Certification of training partners
- Ensure quality by training the trainers,
- development of curricula,
- certifying the students

## IMTMA Committee

*The Committee continued to address the supply-side issues on the capital goods front by effectively engaging with the Machine Tool Industry.*

## ACMA-IMTEX Tooltech 2013

January 24-30, 2013 : Bangalore

Mr. Harish Lakshman , Vice President, ACMA, was the Guest of Honour at the IMTEX – Tooltech 2013, a premier machine tool event organised by the Indian Machine Tool Manufacturers Association (IMTMA). Mr. Harish Lakshman in his address gave an overview of the auto component industry and mentioned that while the current blip was a concern, ACMA was optimistic of auto sector reviving and growing, owing to the fact of expanding domestic market and exports to OE and replacement markets.

## Information Technology Committee

*Facilitating the creation of a streamlined value chain in the automotive sector has been the key deliverables of this committee. To this effect, notable efforts were the pilot on EDI data interchange standards together with OEMs and the tailor-made ERP project with TCS.*

Adoption of EDIFACT Standards for Data Interchange under the SIAM-ACMA Data Interchange Initiative ACMA and SIAM adopted the EDIFACT standards for communication exchange between OEMs and suppliers in October 2013. The standard is the outcome of a 2 years effort undertaken by the IT Committee of ACMA and SIAM to bring more efficiency to industry value chain. This is the first of its kind in the manufacturing space and Auto Sector.



ACMA at IMTEX

ACMA and SIAM formed a core team to conduct the B2B vendor selection process on behalf of its members. The core team conducted several rounds of discussions with the vendors and amongst itself. The core committee would be finalising a service provider for the industry-wide initiative.

### ACMA – TCS-iON Pilot Phase

TCS approached ACMA, to check the suitability of the iON solution, a cloud based ERP for its ACMA members. After a series of evaluation and discussion, it was noticed that the iON solution, though built for Manufacturing sector, has few gaps in the Automotive components industry. Few processes were missing and TCS was keen to work with the Automotive Component Industry to understand and design solutions to fill the GAP through Pilot projects. ACMA negotiated for a special pricing and special offer for its members during the pilot phase. ACMA and TCS-iON have entered into an MoU in March 2013 for its ERP cloud based solution for ACMA members. A Pilot comprising of 3 ACMA members commenced in April 2013 and would be over by September 2013.

### MSME Committee

*With funding support of the MSME Ministry, the Committee mounted its first-ever MSME Study Mission to China. The Committee, in association with SIDBI facilitated a Special Financing Scheme for the ACMA MSME members.*

### Sharing of Experiences Visit to Mayank Auto & Motherson Sumi Systems for Manufacturing Excellence :

June 6, 2012 : Greater Noida / Noida

Mr. Praveen Gupta, CEO of Minda Sai along with his team was present at Mayank Auto to interact with the visiting ACMA members. The best manufacturing practices followed were: 5S, Training to work force, TEI, Kaizen, Poka-Yoke, SMED, etc.

Mr. Sanjeev Mathur, Vice President – Mfg. along with team at Motherson Sumi Systems interacted with the visiting ACMA members. MSSSL's Management Mantras shared were "Reduce the current cost by 33% including the space utilization, zero tolerance, no excuses, cut cost at all costs and zero defects.

### Seminar on Journey of Exports : An Insight

July 26, 2012 : New Delhi

The MSME Committee invited the ACMA Award Winners of 2010-11 in the field of Exports to share their Success journey as also to provide an Insight on major challenges of Exports. The companies were: Stork Rubber Products, Raunaq Automotive Components presented at the seminar, Hi Tech



Visit to Mayank Auto Ltd.



ACMA MSME Mission members at Motherson Sumi Systems



Mr. Pankaj Garg, Jt. Dev. Commissioner Ministry of MSME at the Seminar

Gears, Delux Bearings, EXIM Bank, etc. Mr. Pankaj Garg, Jt. Development Commissioner, Ministry of MSME outlined in detail the components of Ministry's NMCP Schemes, Export Promotion Schemes, Bar Code and Market Development Assistance.

### Visit of NID officials to Abilities India Pistons & Rings Ltd.

November 5, 2012 : Ghaziabad

Design, Innovation and growth are closely linked. Innovation and design are not simply about new products or technology, but are also about how to improve / diversify products for everyday use, leading to reduced costs, increased utility and acceptability resulting in new business opportunities. The Ministry of MSME is supporting

the industry thru its Design Clinic Scheme for MSME. The National Institute of Design is the nodal Agency for implementation of the scheme. In order to provide a holistic view of Component manufacturers shopfloor working to support Design Projects to be structured for ACMA members, ACMA arranged the visit of NID officials to Abilities India Pistons & Rings Ltd.

### First MSME Mission to China

December 10-15, 2012 : Shanghai

The First ever MSME Mission with the funding support of the Ministry of MSME to China was organised with 16 member mission and with the support of Mr. N. K. Minda and his team. The objective of the ACMA-MSME Mission to China was to look for opportunities for the T2/T3 companies in ACMA membership. The Mission members visited & interacted with OEMs such as Shanghai General Motors & Shanghai Volkswagen and many other Chinese Auto Component Manufacturers in the cities of Shanghai and Ningbo. The Mission members had the opportunity to meet & interact with the Consul General of India in Shanghai – Mr. Naveen Srivastava. The Consulate also organised a Seminar on the 14<sup>th</sup> December followed by a B2B meeting.



First MSME Mission to China

### Sharing of Experiences Visit for Manufacturing Excellence to Rockman Industries & Nicks Auto Industries Visit to MSME Tool Rooms & Buyer-Seller Meet

February 22, 2013: Ludhiana

Sharing of Experiences Visits had always been a thrust area for the MSME Committee of ACMA, as such visits provide a learning opportunity for further improvements amongst the ACMA membership.

The Mission members visited the MSME Ministry's Central Tool Room in Ludhiana. Mr. A P Sharma, GM of CTR and his team members facilitated the visit.



Visit to Nicks Auto Industries



MSME Mission members at Rockman Industries

The next visit was to Rockman Industries Ltd. – the recipient of Manufacturing Excellence Award of ACMA in 2012. Mr. Suman Kant Munjal, MD; Mr. Arvind Gupta, COO and their team members joined to facilitate and interact with the Mission Members.

The Mission members had an opportunity to visit the Institute for Autoparts Technology, Ludhiana too.

Mr. Surender Mahendru, MD & CEO; Mr. Shivam Mahendru, COO and his team members were present to facilitate and interact with the members of the delegation. Mr. Jagdishwar Sharma, Vice President (Mktg.), Mr. Satish Kumar and Mr. Jatinder Verma also joined. The Mission was led by Mr. J S Rangar, ACMA Member of Executive & MSME Committees.

## 2<sup>nd</sup> MSME Summit on “Innovation – An Imperative for Competitiveness & Sustainable Development”

March 14, 2013: New Delhi

The 2<sup>nd</sup> edition of the Summit, initiated last year was organised by the MSME Committee with the theme as “Innovation – An Imperative for Competitiveness & Sustainable Development”.

While Mr. Madhav Lal, Secretary, Ministry of MSME was the Chief Guest at the Summit, Mr. N K Maini, Managing Director, SIDBI was the Guest of Honour and Mr. Manfred Haebig, Director – Pvt. Sector Devt., GIZ also joined and made a theme presentation at the Inaugural Session. The Summit had 4 sessions, viz., a Panel Discussion on Laying the Foundation of an Ecosystem for Innovation; Innovation through Collaborations – Sharing of

Experiences; Innovation through Technology Intervention; Technical Skill Development for Innovation. Experts and eminent speakers from the industry & other respective fields deliberated on these topics.

## ACMA MoU with SIDBI for Easy Credit Option for MSMEs

March 14, 2013 : New Delhi

More than 70% of over 670 members of ACMA are from the MSME Sector. The Key Challenges that the MSMEs face are similar to those of the large enterprises. But considering the relatively small size of the sector, the issues are more pronounced, whether it is related to Access to Capital, or to Technology or to Retaining the talents. High Interest costs make it unviable to borrow capital to quickly scale up the capacity, productivity and delivery to make the enterprises more competitive.

To overcome this challenge of MSMEs in its membership and to facilitate them, ACMA signed an MoU with Small Industries Development Bank of India (SIDBI) on the occasion of the MSME Summit on 14<sup>th</sup> March 2013 in New Delhi to provide “Easy Credit Access” to its members. A SIDBI expert is facilitating the Credit and Loans to ACMA members. This process is conducted on a weekly basis at the ACMA Office in New Delhi for both capital and working capital.

## Government Interactions :

The MSME Committee of ACMA enhanced its level of interaction with the Ministry of MSME, during the year, by focusing on specific issues related to the small and medium enterprises in ACMA.



Chief Guest Mr. Madhav Lal, Secretary, Ministry of MSME  
Guest of Honour Mr. N K Maini DMD, SIDBI at the Inaugural Session



Signing of MOU with SIDBI

Consequently, ACMA MSME Committee has increased its engagement and participated in a number of meetings convened by the Ministry and related departments. ACMA was able to highlight the needs of the auto component industry. It actively participated in the Reviewing Meetings for the Industry Supportive Schemes of MSME Ministry & NSIC. It also participated in the Department related Parliamentary Standing Committee on Industry for MSMEs, Inter-Ministerial Committee Meetings, RBI – Standing Advisory Committee Meetings on Flow of Institutional Credit for MSMEs, Workshop of Ministry of Finance which had the participation of the heads of State Governments to include Chief Secretary and Industry Secretary.



Interaction with DuPont India Innovation Center



Mr. N. K. Minda at the Buyer Seller Meet, Rudrapur

### Raw Materials Committee:

*Fluctuating Raw Material prices has been a bane of the industry. The committee continued to make efforts to mitigate this challenge by providing regular updates on the raw material prices to the members as also by engaging with the supplier communities.*

### Visit to & Interaction with “DuPont India Innovation Center”

January 8, 2013: Pune

A 21 Member ACMA delegation led by Mr. Arvind Goel, Chairman- Raw Materials Committee, visited DuPont India Innovation Center, Pune. The objective of the visit was to facilitate an exchange of ideas between DuPont and the ACMA Member companies and create an inclusive atmosphere leading to innovative solutions that meet local needs. Dr. Rajeev Vaidya, President – South Asia, DuPont presented an overview on DuPont and stated that DuPont could provide innovative solutions in respect of Light-weighting, engine efficiency, bio-based solutions, electrification, alternative drive. Selected samples of DuPont Automotive Solutions displayed during the visit were for Power train Electrical/Electronic, Chassis/ Suspension, Exterior.

### Supply Chain Management Committee

*The Committee continued its efforts of providing a platform to the T2s & T3s to interact with T1s thereby providing them a business development opportunity.*

Buyer-Seller Business Meets were organised to provide a platform to Tier-I companies to display the components for which they need suppliers. The meets also gave an opportunity to Tier-2/3 companies to showcase their capabilities and display components for which they need buyers and explore new opportunities.

### Buyer-Seller Business Meet

July 13 – 14, 2012 : Rudrapur

The dignitaries at the event were: the Chief Guest - Mr. Ashok Pilankarji, Plant Head, Bajaj Auto Ltd., Mr. Nilesh Bharne, SSP Rudrapur, Mr. Ajay Tiwari,

President SIDCUL, Mr. Sandeep Pandey, Vice President SIDCUL, Mr. Durga Pal, Regional Manager, SIDCUL. Senior and middle level sourcing & technical teams from the OEMs like Bajaj Auto, Tata Motors, Mahindra & Mahindra & Ashok Leyland, Tier-1 and IPOs visited the exhibition and interacted with the exhibitors and members.

### Buyer-Seller Business Meet February 22 - 23, 2013 : Ludhiana

Leading OEMs such as Maruti Suzuki India Ltd., Fiat, Honda SIEL Cars India Ltd., International Tractors Ltd., Mahindra & Mahindra Ltd., Yamaha etc. extended their support to the initiative by sending their purchasing teams to the event.

### Buyer-Seller Business Meet March 13-14, 2013 : Pune

The purchase and sourcing team of Leading OEMs such as Tata Motors, Bajaj Auto, Force Motors, Mahindra & Mahindra, VW and GM were invited to visit the exhibition & helped strengthen the Automotive Supply Chain in the region.

### Sustainable Technology Development Committee

*Focus on sustainable development through optimal resource allocation, energy efficiency and recycling is the mantra for success today. The committee continued to work towards sensitizing the industry on these new dimensions of manufacturing.*

### First meeting with the Frontier Technology group of SIAM

November 23, 2012 : Delhi

The committee had its first meeting at Lumax which was followed by the meeting with SIAM frontier technologies group along with the members of the



Buyer-Seller Meet, Ludhiana



Buyer-Seller Meet, Pune

OEM committee in order to understand the potential opportunities that exist and how the Industry could engage further. The committee discussed the broader objective of the Ministry and updated about National Electric Mobility Mission Plan-2020 (NEMMP-2020) and developing a sustainable ecosystem with all stake holders. Two key deliverables of NEMMP are : Security Energy/ Fossil Fuel; Local Manufacturing



YBLF Interaction with Mr. Rajiv Bajaj

### Young Business Leaders' Forum

*The Forum continued its exercise and activities of mentoring the next generation of the Indian auto component manufacturers.*

### Interaction with Mr. Rajiv Bajaj & Visit to Bajaj Auto Ltd.

April 10, 2012 : Pune

An interaction with Mr. Rajiv Bajaj, Managing Director, Bajaj Auto Ltd. at Akhurdi plant & visit to Bajaj Auto Ltd. Chakan, Pune were organised with an objective to understand the success story of Bajaj Auto Ltd. and its emergence in the new platform as per the changes in demands of products by the market of the new era.

Mr. Rajiv Bajaj, shared the success story of Bajaj and gave a brief plan of his ideas of management.

### Interaction with Ms. Vinita Bali, MD Britannia Industries Ltd.

August 30, 2012: Bengaluru

In order to get a different industry leaders' perspective of high level management, the YBLF organised an interaction with Ms. Vinita Bali, Managing Director, Britannia Industries Ltd. Ms. Bali shared her experiences with the beverages industry – the Coke – in South Africa and her experience at Britannia Industries.



YBLF Interaction with Ms. Vinita Bali



# GLIMPSES OF INTERNATIONAL EVENTS



## ➔ Common Events Across Regions

*All ACMA Regional and Zonal Committees continued to effectively deliver the ACMA Agenda. Given below is a collation of activities that were replicated throughout the country.*

### **Regional Members' Interaction with President & Vice President, ACMA**

**ER : January 4, 2013: Jamshedpur**

**NR : October 10, 2012 : Gurgaon**

**SR : December 13, 2012 : Chennai & Bengaluru**

**WR : November 29, 2012 : Pune**

Every year, the new President & Vice President of ACMA reach out to the members in regions seeking inputs for the ACMA Annual Agenda. This provides ACMA members an opportunity to interact first-hand with the ACMA leadership and share their concerns, issues, challenges and suggestions.

Mr. Surinder Kanwar, President, ACMA presented the status of automotive industry in India; the various challenges faced by the auto component industry as also the industry performance for Q1 (2012-13) and the priorities of ACMA.

Mr. Harish Lakshman, Vice President, ACMA in his address touched upon some of the important aspects like membership and ACT activities. Mr. Lakshman briefed about the different cluster programmes of ACT division through which 339 companies were benefitted. He also briefed about the New Product Development cluster which will be launched in 2013.

ACMA President and Vice President, urged the industry to utilize the time to look inside and invest in human capital to tide over the rough weather and be ready to ride the next wave of growth. Giving an outlook of the industry, Mr. Kanwar talked of converting the tougher times to opportunities for future and keenly look at enhancing and adopting technology and best practices.

At the members interaction held in Eastern Region, the senior executives from Tata Motors, Tata Steel and Tata Cummins, Jamshedpur joined.

At the members interaction held in Northern Region, Mr. Muramatsu San, President & CEO of Honda Motorcycle & Scooter India Pvt. Ltd. (HMSI) was the Chief Guest. Highlighting the Power of dreams, the Chief Guest Muramatsu San stated that the journey of Honda started with a dream and they felt empowered



when they pursued it which gave them the strength to overcome the challenges there by creating new value to the world. He also shared the dream of HMSI to become the number one company in technology, product quality, cost competitiveness and in the mileage. HMSI had become the only two wheeler company who inherit Honda brand in India he said.

Speaking on the occasion in Chennai, Mr. Erich Nesselhauf, Vice President Procurement and SCM, Daimler India Commercial Vehicles Pvt. Ltd. and the special guest at the event shared an OE's perspective on the challenges of the automotive industry and the supply chain in particular.



## ➔ Kaizen Contest

### 1<sup>st</sup> Kaizen Competition – Eastern Region

June 15, 2012 : Jamshedpur

Total twenty nine teams from various member companies participated.

The Rolling Trophies for the First, Second and the Third position Winners were sponsored by Tata Motors Ltd., Jamshedpur.

The 1<sup>st</sup> Position Trophy was won by Mr. Tapas Sahu and Mr. Sumant Pattanaik of Highco Engineers P. Ltd.

The 2<sup>nd</sup> Position Trophy was won by Ms. Ishitha and Mr. Kunal of RSB Transmissions (I) Ltd.

The 3<sup>rd</sup> Position Trophy was won by Mr. Sanjeev Kumar and Mr. R.K. Jaiswal of Metaldyne Industries Ltd.

### 4<sup>th</sup> Kaizen Contest – Southern Region

December 8, 2012 : Bengaluru

79 Kaizens from 34 companies were presented during the day which included 5 teams from 2 SSI companies too. The winners in various categories are as follows:



1<sup>st</sup> Kaizen Competition, Jamshedpur



4<sup>th</sup> Kaizen Competition, Bengaluru

<b>Category</b>	: <b>Cost</b>
Winner	: Toyota Kirloskar Auto Parts Pvt. Ltd.
1 <sup>st</sup> Runner-Up	: Delphi-TVS Diesel System Ltd.
2 <sup>nd</sup> Runner-Up	: Sansera Engineering Pvt. Ltd.

<b>Category</b>	: <b>Delivery</b>
Winner	: Wabco India Ltd.
1 <sup>st</sup> Runner-Up	: Sundaram Fasteners Ltd.
2 <sup>nd</sup> Runner-Up	: Wheels India Ltd.

<b>Category</b>	: <b>Productivity</b>
Winner	: Rane Engine Valves
1 <sup>st</sup> Runner-Up	: Bill Forge Pvt. Ltd.
2 <sup>nd</sup> Runner-Up	: Lucas-TVS Ltd.

<b>Category</b>	: <b>Quality</b>
Winner	: Bimetal Bearing Ltd.
1 <sup>st</sup> Runner-Up	: Bosch Ltd.
2 <sup>nd</sup> Runner-Up	: Lucas-TVS Ltd.

<b>Category</b>	: <b>Safety</b>
Winner	: Turbo Energy Ltd.
1 <sup>st</sup> Runner-Up	: Wabco India Ltd.
2 <sup>nd</sup> Runner-Up	: Mann and Hummel Filter Pvt. Ltd.

### 3<sup>rd</sup> Kaizen Contest & Conference : Western Region

December 18, 2012 : Pune

The following were declared as winners:

Over all ranking

1<sup>st</sup> Position – Bosch Ltd., Nashik

2<sup>nd</sup> Position – Minda Industries Ltd., Pune

3<sup>rd</sup> Position – Harita Seating Systems Pvt Ltd., Pune

Best Kaizen under Safety category

Fairfield Atlas Ltd., Belgaum

Best Kaizen under Delivery Category

Menon & Menon Ltd., Kolhapur

Best Kaizen under Cost Category

GKN Sinter Metals Pvt. Ltd., Ahmednagar



3<sup>rd</sup> Kaizen Contest, Pune

## ➔ Quality Circle Competition

### NR : 9<sup>th</sup> Quality Circle Competition

July 21, 2012 : New Delhi

A total of 39 QC teams from Northern Region Member companies participated which necessitated three concurrent streams, with three sets of Jury members.

**Winner:** 'Navoday' QC Team from Motherson Sumi Systems Ltd.

**First Runner-up:** 'Sun' QC Team from DCM Engineering Ltd.

**Second Runners-up:** 'Amrit' QC Team from Minda Industries Ltd. & 'Sankalp' QC Team from Rico Auto Industries Ltd.

### SR : 7<sup>th</sup> Quality Circle Competition

July 14, 2012 : Chennai

For the first time in the history of ACMA Quality Circle Competitions, 3 teams from the SSI Category competed at this competition. 54 Teams in the non-SSI Category also participated.

#### SSI Category:

**Winner:** Goldstar team from Besmak Components Pvt. Ltd.

**First Runner-up:** Crosby team from Besmak Components Pvt. Ltd.

**Second Runner-up:** Hawk team from Ucal Products Pvt. Ltd.

#### Non- SSI Category:

**Winner :** Warriors team from Rane TRW Steering Systems Ltd.

**First Runner-up :** Celosia team from Harita Seating Systems Ltd.

**Second Runners-up :** Malar team from Rane Engine Valve Ltd.

### WR : 7<sup>th</sup> Quality Circle Competition

July 14 , 2012 : Pune

The following were declared winners:

Over all ranking

**Winner :** Qualioxy team from Tata Yazaki AutoComp Ltd.

**First Runner-up :** Jidnyasa team from Bharat Gears Ltd.

**Second Runner-up :** Sunrise team from Avtec Ltd.



Winner Team - Rane TRW Steering Systems Ltd. - 7<sup>th</sup> QC Competition, (Non-SSI)



Winner Team - Besmak Components Pvt. Ltd.. - 7<sup>th</sup> QC Competition, (SSI)



Winners of the 9<sup>th</sup> Quality Circle Competition  
'Navoday' QC Team from Motherson Sumi Systems Ltd.



7<sup>th</sup> QC Competition

# ➔ 7<sup>th</sup> National Quality Circle Competition

August 14 , 2012 : Pune

9 best teams participated at the National competition after a Regional level Competition from amongst 140 teams from North, South and West.

- Winner: Qualioxy team of Tata Yazaki AutoComp Ltd., Pune
- First Runner-up : Celosia team of Harita Seating Systems Ltd., Hosur
- Second Runner-up : Sankalp team of Rico Auto Industries Ltd., Gurgaon



7<sup>th</sup> National QC Competition, Pune



Winner - Tata Yazaki Autocomp Ltd - Qualioxy



First Runner-up - Harita Seating Systems Ltd - Celosia



Second Runner-up - Rico Auto Industries Ltd - Sankalp

## ➔ SMED Competition

August 14 , 2012 : Pune

### NR : 2<sup>nd</sup> SMED Competition

January 15, 2013: New Delhi

The objective of the competition was to help companies witness actual case studies from various companies, to reduce their Non-Value added activities on a large extent.

11 teams from the Northern Region membership participated at the competition. The Winners were:

**Gold Trophy:** Prayash team from Mindarika Pvt. Ltd.

**Silver Trophy:** Kshitij team from Sona Okegawa India Ltd.

**Bronze Trophy:** Lakshay team from Jay Bharat Maruti Ltd.

### SR : 2<sup>nd</sup> SMED Competition

February 15, 2013 : Chennai

Adoption of tools and concepts should be in line with the company objectives and vision said Mr. Vivek Gautam, General Manager, Renault-Nissan Automotive India Pvt. Ltd. and the Chief Guest at the 2<sup>nd</sup> SMED Competition.

The following teams were adjudged as winners of the competition :

**Gold Trophy :** Winners team from Wabco India Ltd.

**Silver Trophy :** Excellent team from Rane TRW Steering Systems Ltd.

**Bronze Trophy :** Press Champs from Visteon Automotive Systems India Pvt. Ltd.



Gold Trophy Winner - Mindarika Pvt. Ltd.



Gold Trophy Winner - Wabco India Ltd.





India



## ACMA Automechanika

7 - 10 February 2013 : New Delhi

**A**CMA Automechanika New Delhi was nation's first ever trade exhibition, specialised and dedicated to the auto-component aftermarket, and attracted industry professionals from India and across the world. The show was organised from 7 – 10 February 2013 at Pragati Maidan, New Delhi, India. As the converging hub for

major local and international auto component businesses, the New Delhi show covered the sectors of Parts and Systems, Accessories & Tuning, Tyres & Batteries, Repair & Maintenance, IT & Management, Service Station & Car Wash and the latest automobile services. The fair gave participants, access to new markets while affirming its status as a solid platform for networking.

The event's organisers, ACMA and Messe Frankfurt, also made a strong effort to combat counterfeiting at the show. ACMA for example, established a campaign dubbed 'ASLI-NAQLI', while Messe Frankfurt's global initiative, 'Messe Frankfurt Against Copying', bestowed global assistance in ensuring the intellectual property of the fair's exhibitors & spread awareness on benefits of using genuine auto components.

We concurrently with the exhibition, ACMA also organised an Aftermarket Seminar, from 8 – 9 February 2013. The symposium aimed to help attendees understand current and future trends in the aftermarket industry, as well as examine the challenges and opportunities the sector has to offer. As the aftermarket services sector has evolved, the distribution channels necessary to meet buyers' needs have grown accordingly, in tune with evolving market forces & changing consumer preferences. At the symposium, prominent speakers from across the industry offered insight on issues and the latest trends prevalent in both India and the world's aftermarket sector.



Mr. Praful Patel delivering the Inaugural address



Mr. Praful Patel visiting the show



President, ACMA, taking Mr. Praful Patel around the show



The Show was a great attraction for National and International Visitors

## Regional Events

### Eastern Region

#### Building Competencies

##### Workshop on Good Communication Skills

April 14, 2012 : Jamshedpur

The objective of the workshop was to create ability in the delegates to communicate effectively which distinguishes one individual from another. The topics covered at the workshop were : Communication - never one way; Feedback - an important throughout the communication; Constructive feedback; Active listening and its skill; How to improve communication; Developing ones own communication style; Assertive communication, definition, needs & Characteristics; Self Test.

##### Interactive Sessions on “Quality is Produced, not Inspected”

July 14, 2012 & July 30 , 2012 : Jamshedpur

The objective was to focus more on Process Improvement rather than on Quality Inspection. The idea was to teach the basics of discipline, requirement and monitoring the process which would automatically produce the desired quality.

##### “Awareness Seminar on Rain Water Harvesting”

July 25, 2012 : Jamshedpur

Water level in the Adityapur Industrial area went down drastically. To wake up and to resolve the serious issue which affect the industry production directly or indirectly and its members, ACMA (ER) organised the Seminar. The faculty, Mr. Nitin Kumar Dubey, Executive Director, THINK Innovative Solutions acquainted the participants on the methodologies, techniques of Rain Water Conservation & Harvesting and its benefits.



Workshop on Good Communication Skills



Sessions on "Quality is Produced, not Inspected"



Mr. Killol Kamani, Chairman-ER at the Awareness Seminar on Rain Water Harvesting



Mr. Ranjot Singh, Training program on Daily Work Management

### One day training program on “Daily work Management”

September 25, 2012 : Jamshedpur

The faculty of the program was, Mr. Debabrata Dash, Head HR Systems, Processes & Interventions at Tata Motors Jamshedpur. “Daily work management is a systematic method of performing all routine (daily) work and activities in a standardized way to consistently and efficiently achieve the aims and objective of the process/department.



Participants at Six Sigma Green Belt Training

### Launch of Six Sigma Green Belt Training DMAIC Method

August to October 2012  
Jamshedpur

ACMA (ER) launched a seven days workshop jointly with Tata Cummins Ltd, on Six Sigma Green Belt using DMAIC method. The Objective was to apply tools other than the Shainin tools in a statistical way to solve the teething problems faced by the member companies. The program was in three modules.

### Workshop on Team Building & Group Dynamics

October 25, 2012 : Jamshedpur



Prof Manish Singhal addressing the Workshop

The objective of the workshop was to make the participants understand the difference between a group & a team as also to train them on how to make a team, how to communicate effectively with the team, how to set goals, how to recognize the strengths of each other in a team, how to set standards, how to work together and finally how to keep track of performances. The faculty Prof Manish Singhal (XLRI Jamshedpur) touched upon the aspects such as : Single & Multi Tasking; Switch Tasking; Team Management; Conflicts and its management.

### One day training program on Welding

November 9, 2012 : Jamshedpur

The main Objective of the training was to train the shop-floor associates to : understand Properly protecting themselves and others while welding; Set-up and operate GMAW equipment; Strike and maintain an arc; Weld in four positions using various electrodes; Weld Inspection and the AWS electrode classification system.

### Interaction with the delegation from Gunsan City, South Korea

November 22, 2012 - Jamshedpur

A sister city relationship was established between Gunsan City and Jamshedpur City on 23 August 2004. A document was signed by the Mayor of Gunsan City & the Deputy Commissioner of Singhbhum East. The sister - city relationship initiated exchange programs among civil servants, civilians, students, administration staff and scholars in both countries.

As a follow up to the joint proclamation a business delegation from Gunsan City visited Jamshedpur and interacted with ACMA (Eastern Region) members. The nine members' delegation was led by Director General Mr. Jong Hong Lee Gunsan City, South Korea. The delegation invited ACMA(ER) members to their city for business development and sharing best practices.

### Economic Cooperation Agreement signing with Self Governing Administration Bureau (SGAB), Gunsan City, South Korea

November 23, 2012 : Jamshedpur

ACMA(ER) signed an Economic Cooperation Agreement with Self Governing & Administration Bureau of Gunsan City, South Korea.

The formalization of relationship through the Agreement was to build an "Economic Cooperation Partnership" and strengthen the exchange of relevant information on enterprises & investments between the two bodies and to mutually try to be enablers for specific business opportunities.

### One Day Workshop on Optimum use of Tools

December 18, 2012 : Jamshedpur

One day workshop on Optimum use of Tools at Centre for Excellence was conducted. The



The Members of the delegation from Gunsan City, South Korea



Signing of MOU with SGAB, Gunsan City, South Korea

workshop touched upon topics like tool material development, ISO Standards, etc.

### **Workshop on Failure Mode Effect Analysis**

January 28, 2013 & February 11, 2013 : Jamshedpur

A half day workshop on Failure Mode Effect Analysis was organised with an objective of enabling participants to understand the importance of FMEA in

achieving robust processes & to guide them to get the right people involved in the process of FMEA and get results.

Enthused by the overwhelming response for the workshop, ACMA (ER) repeated the workshop in Jamshedpur.

### **Members Interaction**

February 27, 2013: Jamshedpur



Mr. Sanjay Sabherwal making a presentation at Members Interaction

The main agenda of the interaction was to take a delegation from the Eastern Region to the Gunsan City, S. Korea. Mr. Killol Kamani, Chairman, ACMA (ER) gave a brief account of the visit of Korean Delegation and Signing of the Economic Agreement between Self Governing & Administration Bureau, Gunsan City, S. Korea and ACMA (ER) on 22<sup>nd</sup> & 23<sup>rd</sup> November in Jamshedpur.

## ☑ Northern Region

### Building Competencies

#### Delegation to Modern Machine Shop 2012

April 5, 2012 : Greater Noida

The objective of the delegation was to witness the prowess of the machine tools industry and initiate discussions on their requirements based on the mid and long-term strategies to the “Modern Machine Shop-2012” exhibition organized by the Indian Machine Tool Manufacturers Association (IMTMA). The “Modern Machine Shop-2012” exhibition was a one-stop-shop for engineering SMEs.

#### Two Days Workshop on 7 Tools of QC

April 11-12, 2012 : New Delhi

The two day workshop was on 7 QC tools - a 'Continuous Improvement Process' - which helps in targeting for zero customer complaints and greater customer satisfaction by analyzing problems on the basis of facts and data collected. The emphasis was placed on clarity of concepts and applications of the fascinating yet simple, elementary, easy to learn and cost effective tools in dealing quality in diverse fields through varieties of case examples from real life. The faculty Mr. Manoj Mathur briefed on the Associate tools for Problem Analysis through Brainstorming; Why-Why Analysis; What if Analysis; 7 Management Rules and the New Seven Tools of QC and the benefits of incorporating the tools to organization.

#### Training Program on Communication Skills to Enhance Role Effective

April 20, 2012 : New Delhi

The training program elaborated on 4 Quadrant model, Six P's Presentation, perspective & Perception, planning & Preparation of communication. The key topics covered were: Nature of managerial performance & Communication/ Supervisory roles and responsibilities (R&R); Role of effective communication/Importance in the Business World.

#### Workshop on Advanced Product Quality Planning (APQP) & the Production Part Approval Process (PPAP)

April 26-27, 2012 : New Delhi

The workshop explained Advanced Product Quality Planning (APQP) as a structured method of defining and establishing the steps necessary



Mr. Arvind Kapur, then President, ACMA addressing



Training Program on Communication Skills



Workshop on APQP and PPAP

to assure that a product satisfies the customer by helping the organizations to effectively plan the design and develop a new product that is acknowledged by the automotive industry. Elaborating on Production Part Approval Process (PPAP), the faculty termed it as an important part of the product development process, allowing producers to evaluate the components and sub-systems which they receive from suppliers, and in turn helped in establishing confidence in the suppliers' management systems.

### Training Programme on Daily Work Management

May 4, 2012: New Delhi

The training program defined Daily Work Management as a system that provides the ability to manage departments, functions, and processes, wherein processes are defined, standardized, controlled and improved by the process owners. It is a part of the organizational structure and has defined roles and responsibilities. DWM addresses maintenance & continuous improvement functions of management.

### Training Programme on Operational Improvements through Productivity

May 11, 2012 : New Delhi

The program was aimed to brief members on Operational performance & it's criticality for business success. An organization could more easily respond to changing business conditions, allowing the advantage of new opportunities and reducing risks, when it's operational processes and systems were efficient and flexible. The session elaborated on the basic concept of performance and productivity, Self Improvement, Skill enhancement & multi-skilling, Organizational Improvement, Traditional productivity improvement techniques, 5-S, Gemba Kaizen, 5-W & 2 H/4-M/3-G & Production Pyramid.

### Training Program on POKA YOKE

May 18, 2012 : New Delhi

The training program defined Poka Yoke as a technique used for avoiding simple human errors at work. The objective to give zero defect products & services to customer is the first principle of quality and a highly effective way to reduce 'Mistakes' and boost 'Quality'. The 3 steps to achieve zero defects are Self Inspection, Sequential Inspection and Source Control. Poka Yoke mechanisms could be used in electrical, mechanical, procedural, visual, human, or any other form that prevents incorrect execution of a process step.

### Training Program on Quality Initiatives to Achieve Competitiveness

June 8, 2012: New Delhi

The objective of the training program was to guide members on how to achieve competitiveness



Training program on Operational Improvements Through Productivity



Training program on Poka - Yoke



Training program on Quality Initiatives to Achieve Competitiveness

through Quality Management. The faculty explained the various components of Quality, viz., Quality Planning, Quality Control, Quality Assurance and Quality Improvement. The training witnessed participants from the shop floor representing the departments of Production, Quality, Production Engineering, improvement activities, etc.

### Training Program on TPM & Its Eight Pillars

June 11 – 12, 2012: New Delhi

The training program touched upon the basics of TPM, its history and goal, Effects & Benefits of TPM, 8 Pillars TPM House and Jishu Hozen Pillar, approach towards 8 pillars of TPM, 16 Types of Losses during production activities.

### Training Program on Lean Tools

June 22, 2012: New Delhi

The faculty defined Lean as a “learning by doing approach”, where the members of a process improvement team learn while adding value to the product. The faculty explained that Lean Production focuses on eliminating waste in processes and elaborated on Muda, Mura, Muri, Waste, Kanban, Takt Time etc. He further briefed on the concept of Visual Management, SMED, Kaizen, PDCA, Jidoku.

### Training Program on Quality Assurance & SPC

July 4, 2012 : New Delhi

The session focused on explaining the term Quality assurance (QA) as the planned and systematic activities implemented in a quality system to fulfill the quality requirements of a product/service. The faculty Mr. Manoj Mathur elaborated on the Statistical Process Control (SPC), PQCDsME, Cost of Quality (COQ), POKA YOKE, 3 steps to achieve zero defects through Self Inspection, Sequential Inspection and Source Control and the “Eight Quality Management Principles” comprised of Customer Focused Organization, Leadership, Involvement of People, Process Approach, System Approach to Management, Factual Approach to Decision Making, Continual Improvement, Mutually Beneficial Supplier Relationship.

### Training Program on EMS & OHSAS

July 5 – 6, 2012: New Delhi

Explaining about Environmental Management System (EMS), the faculty Mr. Manoj Mathur emphasized on the five basic principles of EMS, viz., Commitment & Policy, Planning, Implementation & Operation, Checking & Corrective action and Management review, the chronology of standards & types of environmental pollution & their causes. Explaining on the Occupational Health & Safety Assessment Standard (OHSAS), insights were provided on the background, drivers, requirements and where occupational health and safety management systems headed to in future.



Training program on TPM and Its 8 Pillars



Training program on Lean Tools



Training program on Quality Assurance & SPC

### Training Program on Best Practices for Global Competition

July 27, 2012 : New Delhi

The program aimed to brief members on Best practices - a method or technique used as a benchmark for having consistently shown superior results. The program focused on: Small 'q' (Quality) to Big 'Q' (Business Results), Corporate Life Cycle: Type of organizations, Quality Cost & Profits, Customer Satisfaction Management, Effective Leadership, Developing High Performance Processes : Best Practices, Building Quality Culture: HR Practices, Continual Improvement Techniques



Training program on Best Practices for Global Competition

(PQCDSME), SMED, Poka-Yoke, Value Stream Mapping, Kaizen, etc.

### Training Program on Customer Driven Organization

September 28, 2012 : New Delhi

The session listed out all factors that one should understand about their organization, viz., Organization vision, mission, values, Motto, Historical background, Nature of business, structure, Legal status and ownership, goals and objectives, Products/services, Business, Major customers, Competitors, performance, Strength (USP), weakness, opportunities & threats etc.

### Training Programme on Low Cost Automation for Productivity Enhancement (LCA)

August 22, 2012 : New Delhi

The objective of the training program was to facilitate participants utilize low cost automation to enhance productivity, to focus on the elements of automation and the economic benefits derived thereof. Participants also got an overview of the application of low cost automation and technical information for implementation in their organizations.



Training program on Low Cost Automation for Productivity Enhancement

### Workshop on Value Analysis & Value Engineering

August 31, 2012: New Delhi

The faculty of the program - Mr. Subhash Chand defined VA / VE as an orderly and creative method to increase the value of an item and mentioned that its applicability included product, a system, a process, a procedure, a plan, a machine, equipment, tool, a service or a method of working. The focus of the workshop was to understand and deploy Value Engineering techniques for New Product Development and also to existing products and processes.



Training program on Supply Chain Management, JIT, Kanban and Supermarket

### Training Programme on Supply Chain Management, JIT, Kanban & Supermarket

September 14, 2012 : New Delhi

The program explained Supply Chain Management, its Objective, Organizational Scope of Supply Chain Management, Cost Factor in supply chain and issues in supply chain.

### Training Programme on HR for Non HR

October 5, 2012 : New Delhi

The training program elaborated the functions and objectives of HR management and defined the importance of Human Resources, aligning Human Resources around Roles-Goals-Competencies, Performance Evaluation, Feedback & Coaching, Goals Setting etc. The program focused on various dimensions of Human Resource utilities in both short and long term.



Training program on Problem Solving and CAPA

### Training Programme on Problem Solving & CAPA

October 26, 2012 : New Delhi

The faculty explained the problem solving techniques, its eight discipline and trigger points of Problem Solving activity. The session elaborated on Corrective Action and Preventive Action (CAPA) too which focus on the systematic investigation of the root causes of non-conformities in an attempt to prevent their recurrence (for corrective action) or to prevent occurrence (for preventive action).



Mr. U S Ahuja, Dy. Chairman - NR addressing

### Training Program on TPM & Lean for improving your machines

November 20, 2012 : Ludhiana

Based on the overwhelming response and feedback received from the participants in the earlier programs in Ludhiana, ACMA (Northern Region) once again organized the training program. The focus was on improving existing machines and why it was necessary to understand the concept of Optimum Machines for increasing profits. The faculty explained that these optimum machines are those that should never breakdown, never produce defective component, should be 100% safe to work & should consume minimum amount of inputs like power, water, oils, compressed air, etc.



Training program on Time Management

### Training Program on Time Management – Plan your day for effectiveness

November 26, 2012 : Rohtak

The objective of the program was to understand the steps for effective time management and its

aspects, viz., organizing, prioritizing & scheduling. Time management is a process of planning and exercising conscious control over the amount of time spent on specific activities, in order to increase effectiveness, efficiency or productivity.

### Training Programme on Problem Solving Methodology & Tools

November 28, 2012 : Gurgaon

The faculty of the program Mr. Sanjay Mudgal defined Problem solving as an approach to identify, correct and eliminate recurring problems that were used in product, process improvement. The training focused on the two important tools that were required in Problem solving as Deming Wheel or PDCA and Brainstorming.

### Training Program On Effective Leadership & Building High Performing Teams

December 21, 2012 : New Delhi

The primary focus of the program was to provide participants with Leadership styles that help in leveraging high performance from teams in

corporate environment. The faculty Mr. K K Muthu touched upon the framework required for understanding team dynamics and performance, variables affecting the team functioning and performance, thus improving the employee morale and leadership effectiveness.

### Training Programme on Quality Circles

December 7, 2012 : Rudrapur

The faculty Mr. Arun Sharma defined Quality Circle as a tool that helps total employee involvement in an organization; creates a healthy bonding and ownership amongst employees. The competitive spirit in the forms of competitions keeps the momentum of doing better. In his presentation, the faculty, explained the History, Concept & Philosophy of Quality Circles.

### Training Program on Energy Audit

January 11, 2013 : New Delhi

The faculty Mr. Shalabh Capoor defined Energy Audit as a systematic, documented verification process of objectively obtaining and evaluating energy audit evidence, in conformance with energy audit criteria. Mr. Capoor also threw light on the difference between energy management & energy audit.

### Training Program on 5S & 3M

January 18, 2013: Faridabad

The objective of the program was to train the participants on 5S and 3M and to motivate the personnel to realize how 5 S implementation and waste elimination could help in enhancing the Quality & Productivity and thereby bring-in overall change in the organization. 5S as a concept for



Training program on Problem Solving Methodology & Tools



Training program on Effective Leadership and Building High Performing Teams



Training program on Quality Circles



Training program on Energy Audit

creating better work environment through systematic approach was explained.

### Training Program on Strategic Cost Management

January 30, 2013: New Delhi

The faculty Mr. K K Muthu defined Strategic Cost Management as one that regularly analyzes purchase requirements and suppliers to identify lowest total cost and maximize total value to the company. Personnel from Supply Chain management, Purchase, Kaizen etc., from member companies participated at the session.

### Delegation to Automach & Metal & Metallurgy & IMX-Maintenance Expo

February 16, 2013: New Delhi

Confederation of Indian Industry (CII) in association with Society of Indian Automobile Manufacturers (SIAM) and ACMA organized Automach show which was focused on latest technologies and equipment used for developing auto component and vehicle assembly. Making use of the opportunity, ACMA (NR) led an 18 members delegation to visit the Expo, to provide an opportunity to witness latest trends.

### Training Program on Flexible Manufacturing Systems

March 8, 2013: New Delhi

Explaining Flexible Manufacturing Systems, the faculty Mr. Shalabh Capoor said that it aims at providing the companies the flexibility to produce several parts simultaneously using high level of Automation that enables short lead times and small batch sizes while preserving all the benefits of mass scale production. The faculty elaborated on the four parameters of evaluation of Manufacturing System and its benefits.

### New Initiative

#### Training Programme on Deming Prize

March 5, 2013 : New Delhi

ACMA (Northern Region) introduced the new training program on Deming Prize. Mr. Manoj Mathur was the faculty for the program. Mr. Mathur introduced Dr. W.E. Deming to the participants and

mentioned that Dr. Deming was the brain behind the "Plan-Do-Check-Act (PDCA)" cycle popularly named after him. Mr. Mathur explained in detail the PDCA benefits and deliberated in depth on TQM, its origin, History, TQM and its importance, TQM framework, Evolution of TQM and the Stages in TQM Implementation.



Training program on 5S and 3M



Training program on Strategic Cost Management



Training program on Flexible Manufacturing System



Training program on Deming Prize

## ☐ Southern Region

### Building Competencies

#### National Conference on Building A Stronger Corporate Constitution

April 12, 2012 : Chennai

The conference was based on the theme of unlocking the potential of people to surge ahead of competition. The conference also reiterated the importance of HR as the core DNA of successful companies. The faculty drew an analogy of an Eagle's lifecycle to the transformation process of M&M during the adoption of RISE. RISE, he mentioned was a proactive strategic decision of the company to improve Brand Recognition, connect and bond with consumers.

#### Best Practices visit to IP Rings Ltd. & Madras Engineering Industries Pvt. Ltd.

May 18, 2012 : Chennai

Mr. J. Sridhar, led the delegation. Mr. Ravi Sharma, Sr. General Manager Operations, Madras Engineering Industries Pvt. Ltd. mentioned that learning from the ACMA-ACT Cluster of which the company had been a part of, was being horizontally deployed in all plants including the Mahindra World City SEZ. The company had an unique proposition to its customers of even accepting a "single piece" order. Best practices on 5S, 3M, 3C, Daily Work Management and Variant Work Order Process were shared with members.

At the IP Rings facility, Mr. Balachandar, DGM, mentioned that the company was a OE supplier with 80% of its business coming from the OE segment. The company which has been a part of the ACMA-CII and ACT Foundation and Advance cluster had benefitted a lot by engaging in the cluster movement.

#### Workshop on Train the Trainer

May 24-25, 2012: Chennai

The workshop addressed various steps for the trainer to prepare oneself for delivery and evaluation and touched upon topics like why training, Advantages of Training. Various exercises and case studies, including how to give a presentation formed part of the training session.

#### ACMA Joint Stand Participation at Global Investors' Meet Expo 2012

June 6-8, 2012 : Bengaluru

ACMA participated with a Joint Stand with 11 of its members at the Global Investors Meet 2012 (GIM), supporting the Government of Karnataka initiative, to bring together, the decision makers, policy makers and potential investors into Karnataka. It also provided a platform for B2B meetings across all sectors. An Automotive technical session was arranged by the knowledge partners where ACMA members were the panelists.



Workshop on Train the Trainer



Participation at Global Investors' Meet Expo 2012

### Workshop on Autonomous Maintenance at WABCO India Ltd.

June 23, 2012 : Chennai

The faculty for the Workshop was Mr. D Vasudevan Leader – Lean Promotion Office, WABCO India Ltd. TPM was one of the key strategic initiatives of the company to enhance its competitive capabilities which was followed with the vision of “0-BAD” – Breakdown Accident & Defects at Wabco.

The Workshop covered in detail the 5-Pillars of TPM – TEI, Policy, Training, Kaizen and Standardization which were formed on the strong base of Daily Work Management and Employees and also the Jishu Hozen (JH) techniques, Fuguai Tag status and Fuguai Matrix, etc.

### Two Days Training Program on Statistical Product Control (SPC) and Statistical Quality Control (SQC)

July 6 -7, 2012 : Bengaluru

SPC & SQC had acquired great significance and its corresponding need to make the best possible use of domestic resources said the faculty Mr. Ramamurthy from Zero Defect Consultants.

The program provided an intensive training in theory and practice of SPC & SQC. Emphasis was on equipping the trainees with basic practical skills in SPC & SQC approach with sufficient theory to understand the principles involved to develop in them the power of systematic thinking, practical approach and exposition.

### HR Conclave – Accelerate... Gear up for the future

August 9, 2012 : Chennai

The HR Conclave of ACMA Southern Region focused & urged the industry to adopt best practices in HR to become best employers and in turn enhance brand value to attract talent. The conclave focused on essentials of people management and retention of key talent leaving companies not only for money, but for challenges, multi-cultural (industry) knowledge and opportunities for growth. The deliberations emphasized the need for focusing on the talent pool which could be by way of tie-ups with educational institutions, trainings and promoting manufacturing



Participants of Workshop at WABCO India Ltd.



Training Program on SPC and SQC



HR Conclave – Accelerate... Gear up for the future

industry as a brand to attract talent. The conclave addressed all the essential HR issues of the day.

### Training Program on “Finance for Non-Finance Executives”

September 13-14, 2012 : Chennai

The first such initiative for skilling and knowledge dissemination engagement was organised jointly

with the TVS Training and Services Ltd. The training which covered topics such as understanding business and business model, key financial terms, understanding financial statements and ratio analysis & interpretation, cost management, budgeting, financial decision making and basics of valuation and forex.



Visit to Bill Forge — Plant 1 & 2

### **Workshop on Energy & Environment Management & A Visit to Bill Forge — Plant 1 & 2**

August 24, 2012 : Bengaluru

As a part of sharing new initiatives and best practices among ACMA member companies, a visit to Bill Forge Pvt. Ltd was organised. Mr. Mahesh, head of Green Projects took members through the company's journey on Green projects in detail and shared the various processes involved in it. The projects taken-up at Heat Treatment area, disposal of waste and Auto- off timers were few examples shared.

### **Workshop on Waste Elimination & Plant Visit to Bosch Ltd.**

September 21, 2012 : Bengaluru

The focus of the Workshop held at Bosch was Value Stream Design and Mapping (VSD & VSM), where participants had a chance to witness the implementation and best practices of VSD & VSM during the plant visit to Bosch Manufacturing area. The visit to the shop floor showcased implementation of the concepts and its benefits. Supermarket concept and Heijunka were good take-aways for the participants.



Workshop and Visit to Bosch Ltd., Bengaluru

### **Interaction with Deputy Prime Minister, Republic of Macedonia**

October 9, 2012 : Chennai

A Senior level delegation from the Republic of Macedonia, led by its Deputy Prime Minister & Minister for Finance, Mr. Zoran Stavreski, met with members of ACMA Southern Region. Mr. Zoran Stavreski, gave a brief overview of the country and mentioned that Macedonia was considered the 3<sup>rd</sup> best reformer with 4<sup>th</sup> best lowest taxes and a stable government. Macedonia has FTAs with all EU nations and with close proximity and networking through land and air makes it a lucrative low cost destination. The interaction was followed by a presentation on the Macedonian automotive sector and incentives provided by the Government.



Interaction with Dy. Prime Minister, Republic of Macedonia

### Training Programme on Fundamentals of Finance for Non-Finance Executives

October 18-19, 2012 : Bengaluru

Under the Joint initiative of ACMA-TVS Training & Services the second edition of the training on Finance was organised as Finance impacts every aspect of business and organization and in particularly the Project leaders and people at functional areas like planning, HR, IT. The program was designed to equip participants with the basic concepts of finance, accounting and to understand the relevance of finance in business. Fundamentals of finance, business entity, basic accounting principles, costing, budgeting, evaluation were explained.



Workshop on Welding for Weld Shop Associates/Welders

### Workshop on Welding for Weld Shop Associates/Welders

October 18-19, 2012 : Chennai

ACMA along with TVS Training and Services Ltd. conducted a “practical workshop on Welding” for weld shop associates at the TVS TS Welding Training Institute. The program covered history of welding technology, safety in welding, welding positions and welding joints, edge preparation, welding processes – SMAW, GMAW, GTAW, welding defect and solution, Weld design and inspection method, coated electrodes and classifications and oxy-fuel welding and cutting set-up and operation.



Workshop on Inventory Management

### Workshop on Welding for Weld shop Supervisors & Managers

October 20, 2012 : Bengaluru

ACMA along with TVS Training and Services Ltd. conducted another workshop on “practical Welding”, this time for the weld shop Supervisors & Managers. The faculty - covered Advanced welding technology, arc spot welding, laser welding, robotic welding process, orbit technology, welding economy & productivity, pipe welding, evaluation

and quality control, control and correction of distortion in welding, advance process and safety in welding.

### Workshop on Inventory Management

November 7, 2012 : Bengaluru

The faculty for the workshop - explained in detail the objectives of Inventory Management which included efficient management and flow of materials, effective utilization of people and equipment, co-ordination of internal activities, communication with customers, making accurate and timely decisions to manage the operations.

The workshop was aimed at providing an overview on Inventory Management, Material Flow Cycle and concepts like ABC, VED, FSM analysis and techniques for effective inventory management which was dealt in detail.

### Launch of 10<sup>th</sup> Batch of Six Sigma Certification program:

November 2012 to April 2013

#### Launch & Module I

November 5,6 &7, 2012 : Chennai

The 10<sup>th</sup> batch of Level-1 Six Sigma Black Belt Certification program of ACMA Southern Region was launched with 11 participants. The module 1 programme of Six Sigma was covered over a period of 3 days which covered topics such as: "How to identify problems for solving using Shainin methodology, splitting generic problems into specific problems & classification of problems into four categories." Further the delegates were also

trained on defining and understanding the problem, phenomenon analysis, past data analysis, data stratification, brainstorming and machine hardware checking. Measuring and analysing the causes including paired comparison were covered.

### Workshop on Cost Cutting through Waste Elimination

#### Visit to Rane Brake Lining Ltd.

November 20, 2012 : Chennai

The Workshop was organised at the facilities of Rane Brake Lining Ltd., in Chennai.

Followed by the Group & Rane Brake Lining overview, the presentation made touched upon the Waste Elimination process covering various cost elements in areas like raw materials, energy, stores, tools packaging; Lean manufacturing frame work; low cost automation, etc. which supported them in eliminating wastes and thereby resulting in cost reduction. The Visit to the facility showcased the CSR corner, Kaizen corner, 5S corner, Morale, QCC, suggestions, QIT, dust collecting system, autonomous maintenance calendar, kanban, system for consumables.

### Low Cost Machinery & Product Development - Kavia Engineering Pvt. Ltd.

November 21, 2012 : Bengaluru

ACMA-K&H Zone, organized a visit to Kavia Engineering Pvt. Ltd, an SSI company in Bengaluru. The company is strong in New Product Development and an approved supplier to Toyota Kirloskar Motor Pvt. Ltd. Kavia Engineering focuses on Low cost machinery and believes in developing



Launch of 10<sup>th</sup> Batch of Six Sigma Certification program



Workshop on Cost cutting on Rane Brake Lining Ltd.



Visit to Kavia Engineering Pvt. Ltd.

in-house Low Cost Machinery / Special Purpose Machines. The Kavia team explained to the ACMA delegation on the need for Low Cost Machinery / Special Purpose Machinery. They presented in detail the process involved in designing and developing these machines.

### **Awareness Program on Security, Regulations for Exporters**

December 5, 2013: Chennai

An awareness program on security and regulations for exporters was organized together with the Lufthansa Cargo. Mr. Vipin Jain, Regional Manager–Handling–South Asia, Middle East, Lufthansa Cargo, in his address, stated that there is no growth without exports and that Export cargo is the key indicator for growth of any country. Mr. Jain gave a presentation on the handling process at Chennai airport, including the export and import process; some of the challenges at Indian airport and initiatives taken by the Government.

### **Know Your Finances – Focusing on SMEs**

January 9, 2013 : Chennai

During interaction with members, it was found that many companies especially in the SME segment were floated by Technocrats who had limited knowledge on finance. Hence, the session organised, aimed at understanding business with regard to finances, i.e. finance linkages and financial management, key financial terms, caselets and ratio analysis and interpretation.

### **Workshop on Inventory Management & Visit to Brakes India Ltd.**

December 12, 2012 : Chennai

ACMA, Southern Region organized a workshop on inventory management in which a team of 13 delegates from various member companies took part. The delegates were taken through the Brakes India Production Systems (BPS) Journey which was based on the TPM philosophy. The presentation covered why BPS was initiated, the implementation status in the unit, domestic parts inventory in number of days, aluminum castings annualized stock run, ASTR Commodity wise, parts under sub contract route, semi-finished parts and challenges.

### **Workshop on CNC Programming and Machining**

February 1-2, 2013 : Chennai

With the increasing need of skilling, ACMA engaged TVS Training and Services Ltd. to offer a 2-day Training workshop on CNC Programming and Machining. The workshop was organised at the TVS



Participants at Awareness Program on Security, Regulations for Exporters



Memento presented to Brakes India Team



Workshop on CNC Programming and Machining

Training and Services facility in Chennai. The program was conducted in bilingual format with both English and Tamil for the benefit of the participating delegates. The training workshop included a pre-training and post-training evaluation to understand the level of understanding of the trainees.



Participants at Workshop on Vendor Management Skills



Knowledge Sharing Session on Enhancing Credit Worthiness of SMEs



Certificate conferred to Participants of Six Sigma Green Belt - 1<sup>st</sup> Batch

### Workshop on Vendor Management Skills

February 12, 2013: Bengaluru

The faculty Dr. S M Jagadish introduced to the team the need and importance of vendor management in today's world. The need to develop vendors by improving their quality, the concept of vendor evaluation, JIT, employee involvement were all dealt in detail for the participants. The benefits of reduced costs, increase in efficiency and relationship building were also explained in detail.

### Workshop on Presentation Skills

February 18, 2013 : Chennai

The workshop was highly interactive with lot of group exercises. The delegates were trained on do's and don'ts in a meeting, how to plan, collate and make an effective presentation. To assess the learnings from the day, participants were divided into small groups and asked to present on a topic towards the end of the Workshop which had given a practical exposure on public speaking to the delegates.

### Knowledge Sharing Session on Enhancing Credit-worthiness for SMEs

February 8, 2013: Chennai

Continuing with its knowledge sharing series of workshops for SMEs on Finance, ACMA Southern Region organized an awareness session on "Enhancing Creditworthiness". The session covered benefits of credit rating for SMEs and rating methodologies. The session also addressed Credit Risk analysis, NSIC Ratings, Credit rating framework, Credit risk assessment, business & financial risk assessment, management evaluation, analysis of industry risk & diversified companies.

### Six Sigma Green Belt – Culmination of 1<sup>st</sup> Batch Six Sigma Green Belt Certification

March 9, 2013 : Bengaluru

The 5-day two module Six Sigma Green Belt certification training program organized by ACMA Southern Region K&H Zone culminated with certification of the trainees who underwent the extensive training which included class room sessions and live projects. The training program focused on problem solving through Shainin

techniques. Various tools of problem solving were introduced and explained in detail.

## OEM Interactions / Visits :

### Visit to TVS Motor Company Ltd. and Harita Fehrer Ltd. to witness Best Practices

June 19, 2012 : Hosur

“Invest in Quality and the Customer will follow” was the message given to the ACMA – Southern Region delegation during its visit to and interaction with TVS Motor Company by Mr. K.N. Radhakrishnan, CEO and leader of the TVS team consisted of Mr. Sudarshan Venu, President, Mr. M.N Varadarajan, Sr. VP – Materials, Dr. S. Devarajan, Sr. VP – PE, Mr. M. Muthuraj, Sr. VP – Operations, Mr. R.G. Periaswami, VP-Quality and other team members of the Company. Total Employee involvement, IT initiatives, focus on Automation and environmental best practices of the TVS motor company were shared at length to the ACMA delegation led by Mr. Arvind Balaji – Chairman – ACMA Southern Region and JMD of Lucas –TVS Ltd.

### Visit to Renault Nissan Automotive India Pvt. Ltd.

January 21, 2013 : Chennai

A 38 member delegation of Senior Management of ACMA members visited and interacted with the Senior Management of Renault Nissan Automotive India Pvt. Ltd. The delegation was led by Mr. Sriram Sivaram, Deputy Chairman (Southern Region), ACMA. The Renault-Nissan team was led by Mr. Toshihiko Sano, CEO & Managing Director. Welcoming the delegation Sano San gave an overview of the company's India operations and mentioned that it was world's First Alliance Plant with flexible production in place by standardizing manufacturing processes based on Alliance Integrated Manufacturing Systems (AIMS).

### Workshop on Safety : Promoting Safety Culture - Visit to Ford India Pvt. Ltd.

March 20, 2013 : Chennai

Continuing with its Annual program on Safety, ACMA Southern Region organized a Workshop on Safety at Ford India Pvt. Ltd, Maraimalainagar, Chennai plant. 29 members participated in the event & got an opportunity to witness safety practices implemented at the Shop floor of Ford India Pvt. Ltd.



Mr. Arvind Balaji presenting memento to Mr. Radha Krishnan



Visit to Renault Nissan Automotive India Pvt. Ltd.



Visit to Ford India Pvt. Ltd.

## Government Interaction

**Interaction with Mr. Murugesh R Nirani,  
Hon'ble Minister for Large and Medium  
Scale Industries, Government of Karnataka**  
May 5, 2012 : Bengaluru

Government of Karnataka invited ACMA members to be a part of its mega event "Global Investors Meet 2012" (GIM) on 6<sup>th</sup> to 8<sup>th</sup> June 2012 at BIEC Bengaluru, an exercise towards making Karnataka

the State of a favoured destination for all Industries. Hon'ble Minister for Large and Medium Scale Industries, Government of Karnataka, Mr. Murugesh R Nirani requested ACMA members to actively participate at the GIM Expo and showcase the component industry's strengths and capabilities.

## New Initiative

**Campus Recruitment of Skilled and  
Trained Manpower**

February 20-21, 2013 : Chennai

Another new service and special initiative of ACMA (Southern Region) saw a recruitment drive for skilled and trained manpower organized for the membership of Southern Region. 16 candidates from the mechanical and electrical streams, who had undergone 100 days of training at the TVS Training and Services, Vanagaram, Chennai were interviewed by 4 member companies.

The companies made a brief introductory presentation to the students of their respective companies, followed by one on one interview sessions. Shortlisted students were being called by the companies for second round of interviews followed by next steps as per company policies.



Interaction with Mr. Murugesh R Nirani



Participants at Campus Recruitment

## Western Region

### Building Competencies

#### Workshop on Value Stream Mapping

April 11, 2012 : Pune

With the objective to create awareness of the power of such tool and use of same in cross functional ways to improve production and reduce the cost, the training program was organized. The key topics covered were: Why use value stream mapping; How to create a value stream map; From process maps to value stream maps; How to find out Waste; Type of Waste -- Seven types; Elimination of MUDA -- waste.



Workshop on Value Stream Mapping

#### ACMA WR HR Forum Meeting

April 25, 2012 : Chakan

The 5<sup>th</sup> ACMA Western Region HR Forum meeting was held at Minda Industries Ltd., Chakan, which was co-hosted by Aurangabad Electrical Company Ltd. Touching upon IR issues, the forum briefed the members on amendments under various ACTS such as PASARA, Mathadi as also on the changes in Maharashtra Factory Act which had brought new rules on safety which was implemented from 3<sup>rd</sup> January 2012. Compliance is key to success even if there is nil return one must file, it was stated.



ACMA WR HR Forum Meeting

The key learnings were: treat HR as a strategic business partner; follow systems like leadership development, succession planning, job rotation, career development plan to retain talent; deploy systems for talent engagement such as effective performance management system; update on IR.

#### Training Program on SPC & SQC

April 27, 2012 : Nashik

With the objective to develop data analyzing & related corrective action qualities, the training program on SPC and SQC was organised. The key learnings were: importance of SPC and SQC for quality and productivity improvement; data and its



Training Program on SPC & SQC

relevance, Tools and techniques for SPC and SQC and its practical application; Cause and effect analysis for solving day to day problems and managing processes without defects.

### Training programme on “Continuous Improvement in Workplace Quality”

May 18, 2012 : Pune

The objective was to make the workforce of member companies better equipped to solve shop floor problems more effectively. The training programme aimed particularly for Shop floor first line Supervisors, Engineers, Team leaders and personnel who are involved in various Shop floor activities.



Training Program on Continuous Improvement



Workshop on GD & T



WR HR Forum Meeting

The course content included: Understand variation and its control for problem solving; practice use of simple DOE (Design of Experiments) techniques; positive implementation through simple SPC tools; reduce waste at the workplace through use of the above simple but statistically powerful techniques.

### Two day Workshop on GD & T

June 12-13 , 2012 : Pune

The course Objectives were to learn the standard method of interpreting the Geometric Dimensioning & Tolerancing given in the drawing and to learn how inspection gages and fixtures need to be designed, based on the GD&T given in the drawing.

### ACMA WR HR Forum Meeting

August 28, 2012 : Pune

In line with National HR Committee's focus on HR, IR and Skill Development, the 6<sup>th</sup> ACMA Western Region HR Forum meeting was held at Sansera Engineering Pvt Ltd., Chakan.

Mr. Jayakara Shetty, DGM-HR & Admin, Sansera highlighted the Vision & mission of the company was to Build an Employee driven and Socially responsible global engineering corporation using innovative methods and efficient management for lasting customer loyalty.

### Workshop on "Be Mean to wastages during lean period"

September 17, 2012 : Pune

The objective of the Workshop was to train the participants to enable them to find out all about their products and services in order to prepare



Workshop on “Be Mean to wastages during lean period”

themselves for reducing wastages and offer their services at a WIN/WIN price.

The workshop was timed during the slow down period to enable companies to invest in learning modern techniques for reducing cycle time, reducing inventory, improving co-worker performance, improving throughput, improving layout and many more. The course content included the LEAN Principles and LEAN tools and 8 Wastes of Lean.

### Two Day Training Program on EMS & OHSAS

October 12-13, 2012 : Pune

Environmental Management System (EMS) is a set of Process and practices that enable an organization to reduce its environmental impacts and increase its operating efficiency. Occupational Health & Safety Management System (OHSAS) is one of the most important aspects of an Organization's smooth and effective functioning. The objective of organizing the training was to: Understand EHS issues- Global & Organizational; Get familiarized with EMS & OHSMS system.

### Training Session on Leadership Development & Interaction with Bosch, Eaton & Lear

October 30, 2012 : Nashik

A Training Session on Leadership for the industry by the industry was organised at Nashik with 35 delegates attending the Training, the largest ever participation in a training session at Nashik so far. At this training role of leaders in developing world class organisation, leadership competency and self motivation and development were explained.

### Internal ISO Auditors Training : 1<sup>st</sup> Batch

November 9-10, 2012 : Pune

Two day certification course on Internal ISO Auditors Training followed by evaluation was organised. The Objective was to : create awareness and understand the relevance of these standards for Automotive supply chain organizations and their purpose in the organization's competitiveness; to

develop auditors of systems; to understand how the standards help in monitoring organizational performance and benchmarking. The topics covered were : the overview, Clause by clause understanding, practical application cases of standards requirements, documentation, Specific ISO TS 16949: 2009.



Training Program on EMS & OHSAS



Training Session on Leadership Development & Interaction with Bosch, Eaton & Lear



Internal ISO Auditors Training

### Training Program on “Shop-floor Productivity Improvement Through Work Ethics & Work Culture”

November 26, 2012 : Pune

The course was designed to bring-in a combination of skills and behaviours' associated with

management. The topics covered were: Positive Attitude; Motivation; Effective Communication & Time Management; Team Building; 5 - “S” for better Work Place Management; Continuous Improvement - Kaizen Approach and Change Management.

### 7<sup>th</sup> ACMA WR HR Forum Meeting

December 6, 2012 : Pune

The 7<sup>th</sup> ACMA WR HR Forum meeting was hosted by Alicon Group. A paper on “An overview & the best HR Practices implemented in the company” was also presented. A presentation on “Necessity of skill development in today's business context” was presented by Mrs. Leena Deshpande, Associate Vice President (HR), Bharat Forge Ltd.; Mr. Sudhir Phatak, Dy.General Manager (HR), Tata Motors Ltd., Pune made a presentation on “Industrial Relations-Management vs. Maintenance.”



Training Program on “Shop-floor Productivity”

### 4<sup>th</sup> ACMA WR HR Summit

January 23, 2013 : Pune

The 4<sup>th</sup> edition of ACMA WR HR Summit was organised on the theme of “Building Sustainable Business through Effective Human Resource Development”.

Dr. Wasudeo Gade, Vice Chancellor, University of Pune was the Chief Guest. The eminent speakers included Advocate R.Y. Joshi, Employee Relation Advisor & Advocate Mumbai High Court, Mr.Gajendra Chandel, President - Human Resources TATA AutoComp Systems Ltd, Mr. Milind Kaulgud, Vice President –Human Resource, Foton Motor Co. Ltd., Pune. Mr. Bobby Kuriakose, General Manager- Human Resource, Forbes Marshall, Pune & Mr. Shirish Kulkarni, Director – Human Resource Development, KSB Pumps Ltd., Pune.



7<sup>th</sup> HR Forum Meeting



4<sup>th</sup> ACMA WR HR Summit

### Training program on “Effective Communication Skills”

January 30, 2013 : Nashik

The content for the training included Process of communication; Three pillars of effective

communication (Listening, Questioning, Empathizing), Transactional Analysis, Body language, Grounding for creating the interest in what you say, Interpersonal communication, E-mail etiquettes. The Training was conducted through interactive lectures, Simulations, Exercise, supported by audio-visual aids.

### Workshop on “Better Workplace Management through 5S & Visual Management

February 21-22, 2013 : Ahmedabad

After setting up ACMA office in Ahmedabad, the first ever training program was organized in Gujarati as well as in English. The program was very well received by the membership in Gujarat. The member companies who nominated delegates for the workshop included Tata Johnson, Setco Automotive, Delux Bearings etc. The content included Top management's role in 5S , Red Tag Exercise and hurdles in 5 S success.

### Training Program on Leadership Skills & Team Building for Workmen

March 11, 2013 : Pune

The content of the training included Situational Leadership, Leadership Skills – difference between leader and follower and Leadership desired qualities, delegation and control. Mr. Vinay Kelkar, an ISO Lead assessor conducted the training program.

### OEM Interactions / Visits :

#### Technology Day with Tata Motors

July 7, 2012 : Pune

The objective to organize such an event was to provide an opportunity for member companies to showcase their potential / manufacturing capabilities particularly in the following areas such as Breakthrough design; Ideas that could enhance fuel efficiency; Light weighting / safety / cost reduction; Any other innovative solutions.

27 companies from ACMA membership from all over India had displayed the technology already



Training program on “Effective Communication Skills”



Participants at Leadership Skills & Team Building for Workmen



Lamp Lighting at Technology Day with Tata Motors

developed and planning to develop by their respective companies. The new initiative taken by ACMA (WR) showcased the capabilities of its members on manufacturing and designing.

### Visit to & Interaction with Bajaj Auto Ltd

October 26, 2012 : Chakan

Mr. Pradeep Shrivastava, COO and his team were present to interact with the 38 ACMA member delegation to Bajaj Auto Chakan Plant led by Mr. Sandeep Balooja, Chairman, ACMA (WR). Mr. Shrivastava highlighted QCD, positive attitude, continuous improvement, global mindset in the organization and its personnel, development of new component as few aspects to remain globally competitive.

### Government Interactions

#### WR Members Meeting with Drawback Committee

May 19, 2012 : Pune

A three-member team of the Drawback Committee, Dr. Saumitra Chaudhuri, Member Planning

Commission & Chairman, Drawback Committee, Shri T. R. Rustagi, Member, Drawback Committee and Mr. Rajiv Talwar, Joint Secretary, Department of Revenue, visited Pune. Coinciding with their visit, WR organised its members meeting with the Drawback Committee. The ACMA delegation raised the relevant issues such as code mismatch, few components not mentioned under Drawback Duty.

### New Initiative

#### Workshop on Critical Chain Project Management for faster new products development & Launch

May 4, 2012 : Pune

Continuing its efforts to innovate, plan and design new activities, the Western Region organized the Workshop.

Statistically, the projects that have successfully achieved all prime parameters - On time, within budget and with complete specifications - are few and a challenge among the auto component industry. In order to address the challenge and impart knowledge on: a) newer ways to bring project delivery under control and b) to manage a faster delivery time, the workshop was organised. Critical Chain Project Management (CCPM) based on "Theory of Constraints" provides a better way of managing a project on time, in full and within budget said the Faculty Mr. Javin Bhinde, one of the founding partners of the SynCore Group. Mr. Bhinde mentioned that CCPM treats task time, safety buffers, resource loading and project milestones differently; thus creating a plan which is much better at absorbing the "uncertainties" encountered by a project.

#### 1<sup>st</sup> Low Cost Automation Contest & Conference

February 19, 2013 : Pune

To encourage and give due recognition to companies that support low cost automation and create awareness about



WR Delegation Members at Bajaj Auto



Workshop on Critical Chain Project Management

the technique , ACMA Western Region organized first ever Low Cost Automation –Contest & Conference. The event was not only a platform to boost the moral of teams practicing the LCA , it provided an opportunity for others to witness the tangible pay offs by using the LCA. There were 24 contestants.

The following were declared as winners :

#### Over-all ranking

- 1<sup>st</sup> Position – Badve Engineering Ltd., Pune
- 2<sup>nd</sup> Position – Durovalves India Pvt. Ltd., Aurangabad
- 3<sup>rd</sup> Position – Yeshsree Press Comps Pvt. Ltd., Aurangabad

#### Recognition Under Safety Category

- 1<sup>st</sup> Position – Spicer India Ltd., Pune
- 2<sup>nd</sup> Position – Fairfield Atlas Ltd., Belgaum
- 3<sup>rd</sup> Position – Sanjeev Auto Parts Pvt. Ltd., Aurangabad

### ACMA Opens Office in Gujarat

January 12, 2013 : Ahmedabad

Keeping in mind, OEMs such as Maruti and Ford are to open plants in Gujarat, ACMA decided to play an active role in the region and thus opened an office in Ahmedabad. Mr. Kirti Rathod, Deputy Chairman–ACMA Western Region and Chairman & Managing Director, Delux Bearings Ltd. said that ACMA would organize regular activities in Gujarat to support the auto component industry in the Region and urged members to contact ACMA for any industry specific issue or for the kind of training / business development program or any such activity that ACMA needs to organize in Gujarat.



Low Cost Automation Contest & Conference



1<sup>st</sup> Position Badve Engineering Ltd



2<sup>nd</sup> Position Durovalves India Pvt. Ltd



3<sup>rd</sup> Position Yeshsree Press Comps Pvt. Ltd

## People at ACMA

### Past Presidents

Dr. Pranlal Patel (Late)	1959-1966
Mr. M.K. Raju (Late)	1966-1968
Mr. W.N. Talwar (Late)	1968-1970
Mr. P.V. Shah (Late)	1970-1971
Mrs. Sharayu Daftary	1971-1972
Mr. M.S. Shastri (Late)	1972-1973
Mr. D.R. Sondhi (Late)	1973-1974
Mr. V.R. Sivaraman	1974-1975
Mr. M.K. Jhawar (Late)	1975-1976
Mr. Harjan Singh (Late)	1976-1977
Mr. S. Muthukrishnan	1977-1978
Mr. R. Bhandari	1978-1979
Mr. N. Venkataraman (Late)	1979-1980
Mr. V. Chidambaram (Late)	1980-1981
Dr. Abhay N. Firodia	1981-1982
Mr. Suresh Krishna	1982-1984
Mr. Pran Talwar (Late)	1984-1986
Mr. L. Lakshman	1986-1987
Mr. Amar Singh	1987-1989
Mr. T.K. Balaji	1989-1991
Dr. Surinder Kapur	1991-1992
Mr. S. Viji	1992-1994
Mr. D.K. Jain	1994-1996
Mr. K. Mahesh	1996-1998
Mr. Dinesh Munot	1998-1999
Mr. V.K. Mehta	1999-2000
Mr. L. Ganesh	2000-2001
Mr. K. Kejriwal	2001-2002
Mr. Deep Kapuria	2002-2003
Mr. K.V. Shetty (Late)	2003-2004
Mr. Deep Kapuria	2004-2005
Mr. A.K. Taneja	2005-2006
Mr. Raghu Mody	2006-2007
Mr. Sanjay Labroo	2007-2008
Mr. J. S. Chopra	2008-2009
Mr. Jayant Davar	2009-2010
Mr. Srivats Ram	2010-2011
Mr. Arvind Kapur	2011-2012

## Executive Committee 2012-13

### PRESIDENT

Mr. Surinder Kanwar  
Bharat Gears Ltd.

### VICE PRESIDENT

Mr. Harish Lakshman  
Rane-TRW Steering  
Systems Ltd.

### IMMEDIATE PAST PRESIDENT

Mr. Arvind Kapur  
Rico Auto  
Industries Ltd.

### ELECTED MEMBERS

Mr. Sunil Arora, Abilities India Pistons & Rings Ltd.  
Mr. S K Arya, Jay Bharat Maruti Ltd.  
Mr. Soumitra Bhattacharya, Bosch Ltd.  
Mr. Beni Daga, Baynee Industries  
Mr. S Ganesh, Liners India Ltd.  
Mr. Arun Gupta, Technico Industries Ltd.  
Mr. Deepak Jain, Lumax Industries Ltd.  
Mr. Sunjay Kapur, Sona Koyo Steering Systems Ltd.  
Mr. Rattan Kapur, Mark Exhaust Systems Ltd.  
Mr. Pranav Kapuria, Hi-Tech Gears Ltd.  
Mr. Ravi Machani, Stumpp, Schuele & Somappa Springs Pvt. Ltd.  
Mr. Sudhir Munjal, Munjal Auto Industries Ltd.  
Mr. Bijon Nag, IFB Automotive Pvt. Ltd.  
Mr. Vijay B Pusalkar, Indo Schottle Auto Parts Pvt. Ltd.  
Mr. F R Singhvi, Sansera Engineering Pvt. Ltd.  
Mr. Krishnakumar Srinivasan, Eaton Industrial Systems Pvt. Ltd.  
Mr. Ramesh Suri, Subros Ltd.,  
Mrs. Harshbeena S Zaveri, NRB Bearings Ltd.  
Mrs. Pilloo C Aga, Gold Seal Engineering Products Pvt. Ltd.

### CO-OPTED MEMBERS

Mr. Ram Venkataramani, IP Rings Ltd.,  
Mr. S J Taparia, The Supreme Industries Ltd.  
Mr. T M Lalani, Indication Instruments Ltd.  
Mr. Harish Sheth, Setco Automotive Ltd.  
Mr. Ranjot Singh, Emdet Jamshedpur Pvt. Ltd.  
Mr. Umesh Talwar, Talbros Automotive Components Ltd.  
Mr. K G Mohan Kumar, Toyota Kirloskar Auto Parts Pvt. Ltd.

### SPECIAL INVITEES

Mr. Nishant Behera, RSB Transmissions (I) Ltd.  
Mr. Arvind Goel, TATA AutoComp Systems Ltd.  
Mr. Tarang Jain, Varroc Engineering Pvt. Ltd.  
Mr. Amit B Kalyani, Bharat Forge Ltd.  
Mr. P Kaniappan, WABCO India Ltd.  
Mr. Vikram Mohan, Pricol Ltd.  
Mr. Suman Kant Munjal, Rockman Industries Ltd.  
Mr. Jagdeep Singh Rangar, Stork Rubber Products Pvt. Ltd.  
Mr. Rohit Relan, Bharat Seats Ltd.  
Mr. J Sridhar, SAC Engine Components Pvt. Ltd.  
Mrs. Gayathri Sriram, Ucal Products Pvt. Ltd.  
Mrs. Shradha Suri Marwah, Subros Ltd.  
Mr. Piyush I Tamboli, Investment & Precision Castings Ltd.  
Mr. Sriram Viji, Brakes India Ltd.  
Mr. Rajat Bhandari, Makino Auto Industries Pvt. Ltd.

### REGIONAL CHAIRPERSONS

- ➔ EASTERN REGION  
Mr. Killol Kamani  
Samarth Engineering Co. Pvt. Ltd.
- ➔ NORTHERN REGION  
Mr. Nirmal K. Minda  
Minda Industries Ltd.
- ➔ SOUTHERN REGION  
Mr. Arvind Balaji  
Lucas-TVS Ltd.
- ➔ WESTERN REGION  
Mr. Sandeep Balooja  
Gabriel India Ltd.  
(Anand Automotive Group)

### REGIONAL DEPUTY CHAIRPERSONS

- ➔ EASTERN REGION  
Mr. Sanjay Sabherwal  
Metaldyne Industries Ltd.
- ➔ NORTHERN REGION  
Mr. U. S. Ahuja  
New Swan Enterprises
- ➔ SOUTHERN REGION  
Mr. Sriram Sivaram  
Madras Engineering Industries Pvt. Ltd.
- ➔ WESTERN REGION  
Mr. Kirti D. Rathod  
Delux Bearings Ltd.

## DIVISION & NATIONAL COMMITTEES CHAIRPERSONS

ACMA Centre for Excellence	Mr. Arvind Kapur - Rico Auto Industries Ltd.
Aerospace, Defence & Railways	Mr. Pranav Kapuria - Hi-Tech Gears Ltd.
Consumer Affairs & Anti Counterfeiting	Mr. Soumitra Bhattacharya - Bosch Ltd.
Economic Affairs, WTO & KP	Mr. A K Taneja - Shriram Pistons & Rings Ltd.
Finance	Mr. L Ganesh - Rane Group
Globalisation & Trade Fairs	Mr. Deep Kapuria - Hi-Tech Group
HR, IR & Skill Development	Mr. F R Singhvi - Sansera Engineering Pvt. Ltd.
Information Technology	Mr. Ravi Machani - Stumpp, Schuele & Somappa Springs Pvt. Ltd.
Membership	Mr. Harish Lakshman - Rane TRW Steering Systems Ltd.
OEM	Mr. Sanjay Labroo - Asahi India Glass Ltd.
Past Presidents' Council	Mr. Arvind Kapur - Rico Auto Industries Ltd.
Raw Materials	Mr. Arvind Goel - TATA AutoComp Systems Ltd.
IMTMA	Mr. K G Mohan Kumar - Toyota Kirloskar Auto Parts Pvt. Ltd.
Micro, Small & Medium Enterprises	Mr. Sunil Arora - Abilities India Pistons & Rings Ltd.
Supply Chain Management	Mr. Rattan Kapur - Mark Exhaust Systems Ltd.
Sustainable Development – Renewable & Green Energy	Mr. Deepak Jain - Lumax Industries Ltd.
YBLF	(Chief Mentor) Mr. Jayant Davar - Sandhar Technologies Ltd.
	(Co-ordinator) Mr. Rajat Bhandari - Makino Auto Industries Pvt. Ltd.
ACT DIVISION	(Co-Chairman) Mr. Srivats Ram - Wheels India Ltd.

## ZONAL COORDINATORS

### EASTERN REGION

JAMSHEDPUR ZONE  
KOLKATA ZONE

Mr. Ranjot Singh, Emdet Jamshedpur Pvt. Ltd.  
Mr. Mayank Kejriwal, Kiswok Industries Pvt. Ltd.

### NORTHERN REGION

FARIDABAD ZONE  
GURGAON & RAJASTHAN ZONE  
ROHTAK & HISSAR ZONE  
PUNJAB & CHANDIGARH  
UTTARAKHAND ZONE  
U.P. ZONE

Mr. Satish Garg, Sadhu Forging Ltd.  
Mr. Sanjay Malhotra, Jumps Auto Industries Ltd.  
Mr. Rajesh Jain, Lakshmi Precision Screws Ltd.  
Mr. U.S. Ahuja, New Swan Enterprises  
Mr. Bimal Bedi, Minda Industries Ltd.  
Mr. Sunil Arora, Abilities India Pistons & Rings Ltd.

### SOUTHERN REGION

Coimbatore Zone  
Chennai & Nearby  
Karnataka & Hosur  
Andhra Pradesh

Mr. Vikram Mohan, Pricol Ltd.  
Mr. J. Sridhar, SAC Engine Components Pvt. Ltd.  
Mr. M.M. Kumar, Owari Precision Products (India) Pvt. Ltd.  
Mr. S. Ganesh, Liners India Ltd.

### WESTERN REGION

PUNE ZONE  
NASHIK ZONE  
GUJARAT ZONE  
AURANGABAD ZONE

Mr. Sukumar Shah, KSPG Automotive India Pvt. Ltd.  
Mr. Balbir Singh B. Chhabra, Right Tight Fasteners Pvt. Ltd.  
Mr. Piyush I. Tamboli, Investment & Precision Castings Ltd.  
Mr. Tarang Jain, Varroc Engineering Pvt. Ltd.

## Workforce 2012-13

### HEAD OFFICE

Mr. Abhishek Chopra  
 Mr. Amit Mukherjee  
 Ms. Anjali Nair  
 Mr. Anupam Kaushik  
 Mr. Ashok Kumar  
 Mr. Ashok Kumar Kamath  
 Mr. Deepak Rajput  
 Ms. Ecktta  
 Mr. Gaurav Kashyap  
 Mr. Harish Kapoor  
 Mr. Jairaj Kumar  
 Mr. Mayank Nigam  
 Ms. Meenakshi Narayanan  
 Ms. Monika S. Handa  
 Mr. Niladri Mallick  
 Ms. Pooja Sharma  
 Mr. Prem Kumar  
 Mr. Rajeshwar Rai  
 Ms. Sapna Vijh  
 Ms. Seema Babal  
 Ms. Subhag Naqvi  
 Mr. Sushil Rajput  
 Mr. Vijay Kanojia  
 Mr. Vikram Saigal  
 Mr. Vinnie Mehta

### EASTERN REGION

Mr. Rahul Kumar  
 Mr. Vadivelan Gounder  
 Ms. Yogita Satpathy

### NORTHERN REGION

Mr. Lokesh Raina  
 Mr. Rupender Kaushik  
 Ms. Sheetal Gupta

### SOUTHERN REGION

Mr. Anil Kumar Unni  
 Mr. G. Mani  
 (Karnataka & Hosur Office)  
 Ms. Neeraja S. Rao  
 (Karnataka & Hosur Office)  
 Ms. Priya Sriram  
 Mr. R. Hariram  
 Mr. R. Raja Shekhar

### WESTERN REGION

Mr. Ashwani Jotshi  
 Ms. Ashwini Anupam Kulkarni  
 Mr. Jeetendra Kumar Singh  
 Mr. Kiran Suryawanshi (Ahmedabad)  
 Mr. Sudesh Janardhan Sutar  
 Mr. Suhas Appa Padave  
 Mr. Sushant Chavan (Mumbai)

### ACMA CENTRE FOR TECHNOLOGY (ACT)

Mr. Ashwani Kumar  
 Mr. Atul Kr. Gupta  
 Mr. Chandu Chaudhary  
 Ms. Deepti Panikker  
 Mr. Dinesh A. Vedpathak  
 Mr. G. Ananthkrishnan  
 Mr. Jitender Rana  
 Mr. K. Chandrasekhar  
 Mr. K. Govindan Kutty  
 Mr. K. P. S. Raghuvanshi  
 Mr. K. R. Bhoopalan  
 Mr. Mahesh Gupta  
 Mr. Rakesh Gupta  
 Ms. Sakshi S. Karkamkar  
 Mr. Sanjeev Manchanda  
 Ms. Sapana Milind Baravkar  
 Mr. Uday S. Harite  
 Mr. V. K. Sharma

## Acknowledgement

### Affiliations and Memberships

#### Affiliations / Memberships

ACMA continued its affiliation with the Associated Chambers of Commerce and Industry of India (ASSOCHAM), Confederation of Indian Industry (CII), Federation of Indian Chambers of Commerce and Industry (FICCI) and India Trade Promotion Organisation (ITPO). The year also saw close interface with the Society of Indian Automobile Manufacturers (SIAM), Automotive Research Association of India (ARAI), Indian Machine Tools Manufacturers Association (IMTMA), National Automotive Testing and R & D Infrastructure Project (NATRIIP), Automotive Skill Development Council (ASDC) and other member Association of the Associations Councils of CII.

#### Partnerships

ACMA continued its engagement with its Counterpart Associations globally. Recently, ACMA has partnered with Messe Frankfurt for ACMA - Automechanika India and also to jointly promote Automechanika's world wide shows.

#### Representation on Government Bodies

ACMA continued to be represented on the following government bodies:

- Governing Council of Automotive Research Association of India (ARAI)
- Central Motor Vehicle Rules Technical Standing Committee
- Automotive Industry Standards Committee
- Bureau of Indian Standards (Transport Engineering Div.)
- Development Council for Automobiles and Allied Industries
- TIFAC-Core Group on Automotive Research (CAR) Committee
- National Automotive Testing and R&D Infrastructure Project (NATRIIP)
- WP.29 Committees under MoSRT&H
- Automotive Skill Development Council (ASDC)
- Indo-German Joint Working Group on Automotive Sector

## MoU Partners

<b>AUSTRALIA</b>	Federation of Automotive Products Manufacturers (FAPM)
<b>BRAZIL</b>	Brazilian Association of Automotive Components Manufacturers (SINDIPECAS)
<b>CANADA</b>	Automotive Parts Manufacturers Association (APMA)
<b>EGYPT</b>	Egyptian Auto Feeders Association (EAFA)
<b>FRANCE</b>	Federation des Industries des Equipments pour Vehicules (FIEV)
<b>GERMANY</b>	ACMA-Messe Frankfurt - Trade Fairs
<b>GERMANY</b>	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V. (FRAUNHOFER)
<b>GERMANY</b>	Verband der Automobilindustrie e. V. (VDA)
<b>IRAN</b>	Iranian Auto Parts Manufacturers Association (IAPMA)
<b>ITALY</b>	Unione Industriale Torino (UIT)
<b>JAPAN</b>	Japan Auto Parts Industries Association (JAPIA)
<b>KOREA</b>	Korea Auto Industries Cooperative Association (KAICA)
<b>MALAYSIA</b>	Malaysian Automotive Component Parts Manufacturers Association (MACPMA)
<b>RUSSIA</b>	National Association of Automotive Component Manufacturers (NAPAK)
<b>SOUTH AFRICA</b>	National Association of Automotive Component and Allied Manufacturers (NAACAM)
<b>SPAIN</b>	Asociacion Espanola De Fabricantes De Equiposy Componentes para Automocion (SERNAUTO)
<b>SWEDEN</b>	Fordonskomponentgruppen AB (FKG) - Scandinavian Automotive Suppliers Association
<b>THAILAND</b>	Thai Auto-Parts Manufacturers Association (TAPMA)
<b>TUNISIA</b>	L'Association Tunisienne des Fabricants de Composants Automobile (ATFCA/UTICA)
<b>TURKEY</b>	Association of Automotive Parts & Components Mfrs. (TAYSAD)
<b>U.K.</b>	The Society of Motor Manufacturers and Traders Ltd. (SMMT)
<b>U.S.A.</b>	Motor and Equipment Manufacturers Association (MEMA)
<b>U.S.A.</b>	Society of Automotive Engineers (SAE)
<b>U.S.A.</b>	Original Equipment Suppliers Association (OESA)
<b>UZBEKISTAN</b>	Uzbek Association of Automobile Industry Enterprises (UZAUTOSANOAT)

## ➔ ACMA and the Industry

### 📌 About ACMA

# ACMA

**T**he Automotive Component Manufacturers Association of India (ACMA) is the apex body of the auto component industry in India, actively representing the industry for the last 53 years, today it has a membership of over 680 companies in the auto component industry.

The Association's active involvement in trade promotion, technology upgradation, quality enhancement and dissemination of information has made it a vital catalyst for the progress of the auto component industry. ACMA is represented on a number of panels, committees and councils of the Government of India through which it helps in the formulation of policies pertaining to the Indian automotive industry.

ACMA has signed MoUs with several overseas counterpart Associations for exchange of information and for cooperation in trade matters.

### Quality Policy

ACMA is committed to provide leadership and quality services to its customers. This would be achieved by:-

- Evolving & delivering innovative services through consensus and in partnership with members/other stake holders
- Contributing to the developmental needs of the customers in the backdrop of changing external environment
- Enhancing ACMA's capabilities and competence portfolio commensurate with emerging Industry needs and expectations

ACMA is committed to comply with the requirements of the Quality Management System and to continually improve its effectiveness through employee involvement.

President

Executive Director

## Publication

The Association continued to publish its newsletters such as Auto News, International Newsletter, ACT Now, Customs & Exim Newsletter, Indirect Tax Newsletter.

ACMA released two reports at the 52<sup>nd</sup> Annual Session. The joint ACMA-McKinsey study on 'Leveraging Superior Growth Foresight to Strengthen Company Competitiveness' reveals that while the Indian auto components growth story is going to stay intact in the near future, the industry cannot afford to rest on its laurels. It elucidates essentials on where the growth and value creation are likely to migrate and how Indian component industry can build a global footprint & assimilate capabilities through targeted acquisitions. It also elaborates on the need and the path to be taken by the auto component industry to grow into adjacent markets such as defense offsets, railways, etc. by leveraging their core competency.

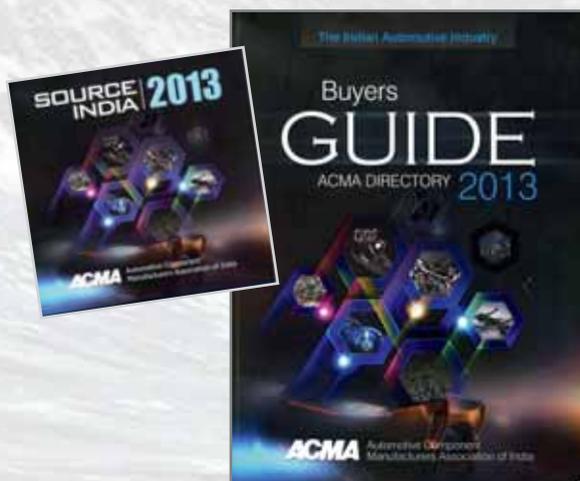
It includes detailed analysis of the global auto component market and the competitive landscape. Furthermore, it identifies the five cornerstone imperatives that can help the industry in making a successful transition:

- Develop superior foresight about granular pockets of growth to place new big bets globally
- Leverage M&A to leapfrog competition especially to gain customers and build innovation capabilities
- Build R&D capabilities and collaborate with OEMs to jointly develop products
- Diversify and build capabilities to serve adjacent markets
- Collaborate with the government to increase country competitiveness

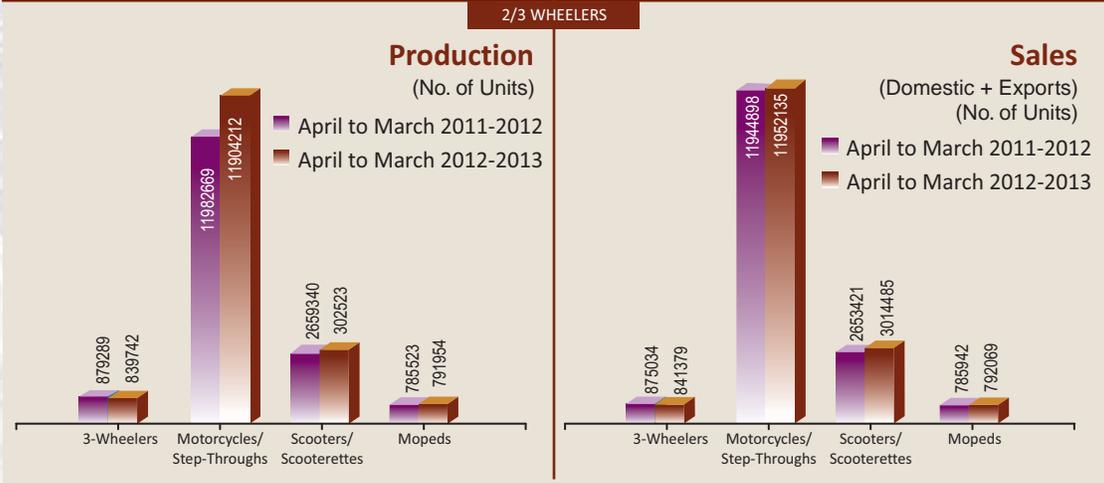
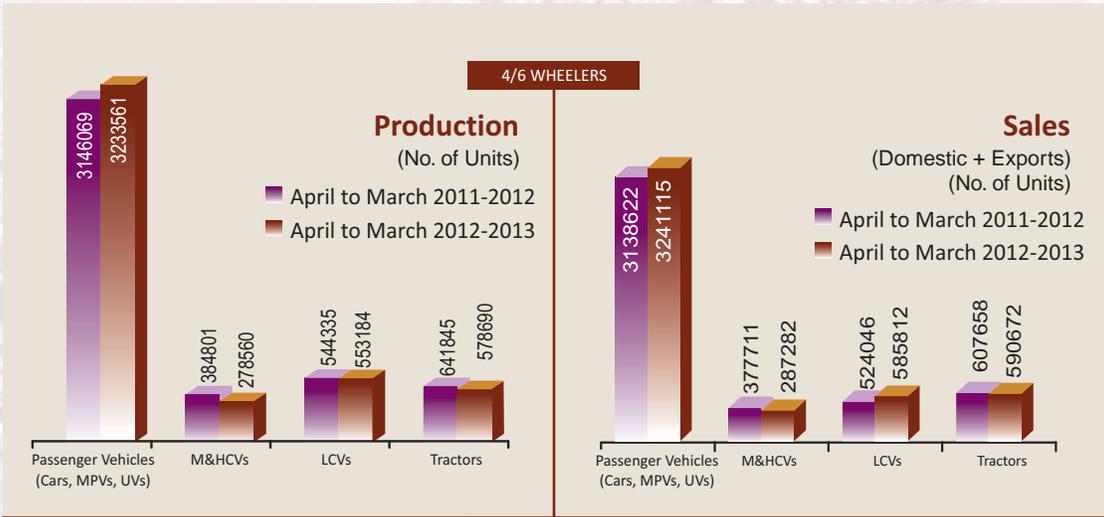
ACMA-Ernst & Young study on 'Growing beyond Manufacturing: India as an Emerging Auto Product Development Hub' is a study that aimed to illustrate the progress and trends in design capability and product development, and the way forward for the automotive component manufacturers in India to move up the value chain through excellence in research and product development. Key areas which have been covered are:

- Current product development trends and likely future changes
- Triggers that lead to investment in R&D
- Approaches adopted by suppliers
- Benefits to be realized
- Maturity of Indian ecosystem – Government support, OEM pull and institutional capacity and capability
- Roadmap for overall enablement of India's emergence as a development hub

ACMA released the 28<sup>th</sup> Edition of Buyers Guide and the Source India CD in the year 2013. Buyers Guide and the Source India CD (Soft version of ACMA Members' Directory – Buyers Guide) are the only sourcing guides for the auto component industry.

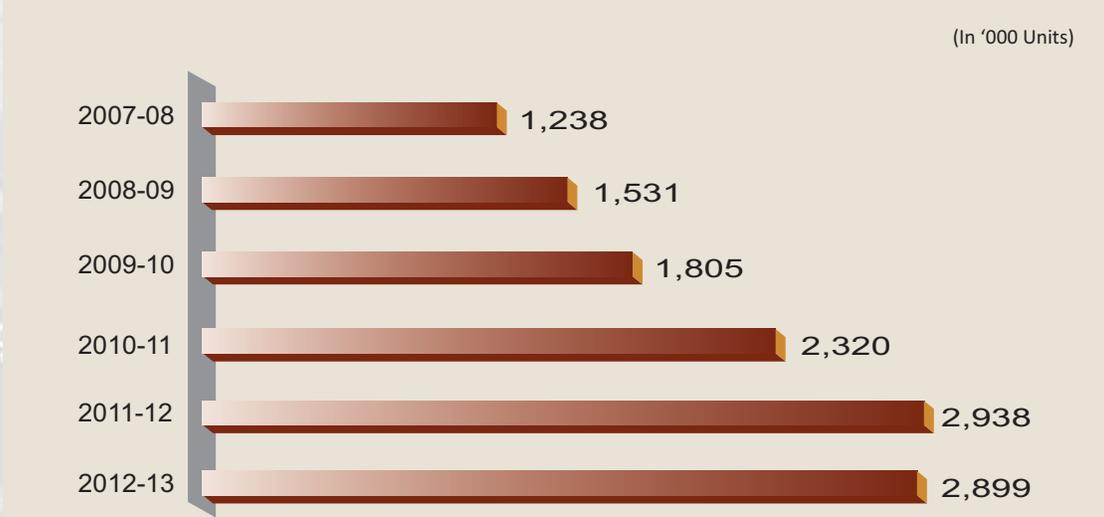


## Automobile Industry Update



(Source: SIAM)

## Indian Automobile Industry Exports

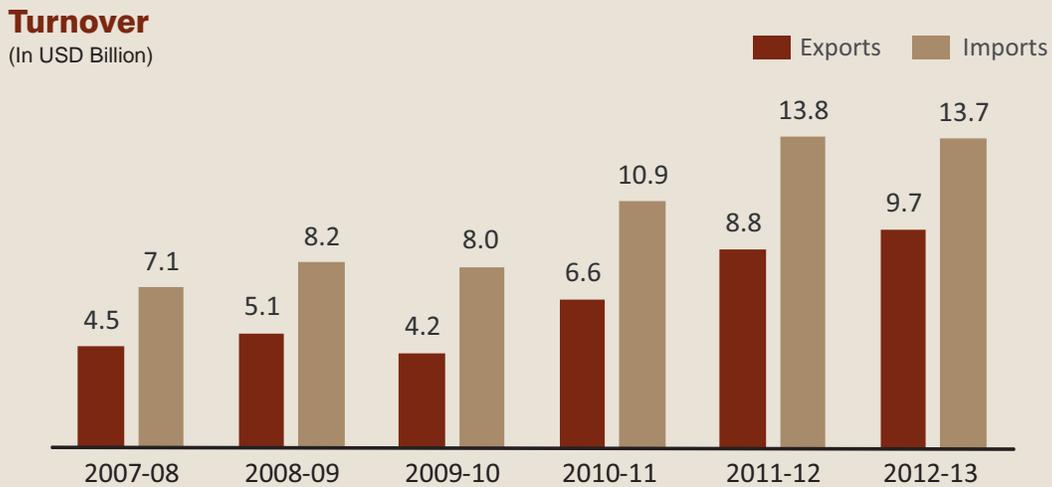


(Source: SIAM)

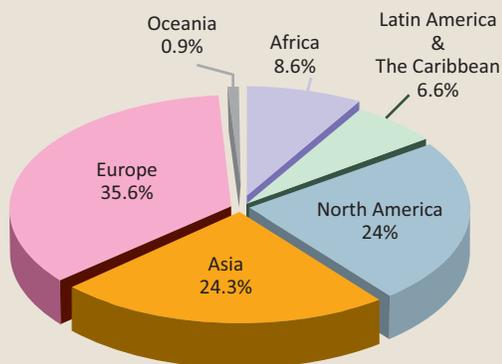
### Auto Component Industry Update



### Exports & Imports

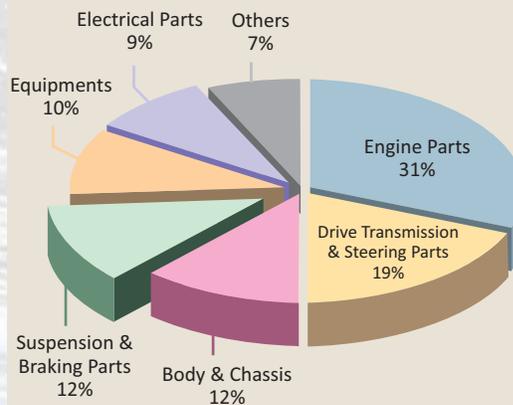


### Exports Destinations - 2012



Note: Turkey and Russia have been considered part of Europe

### Industry Product Range



### ACMA in the Press

# Making progress at Pragati Maidan

After the fiasco at Auto Expo 2012, the organisers are pulling out all stop to provide the biggest automotive event with top-notch facilities for the 2014 edition.

# ACMA AUTOMECHANIKA makes a splash

Report PHOTOGRAPH BY INDIA BUREAU, Photographs: PUNEKESH NADIA



# ACMA's call to focus on innovation & diversification

52nd Session ACMA: Growth will

Another record breaking edition of Automechanika Dubai

# ACMA meet calls for collaborative R&D

Delegates at ACMA's 52nd convention said collaborative R&D to the next level and beyond.

# ACMA & SIDBI sign MoU for Easy Credit Access

# MSMEs get a helping hand

Given the slowdown in automotive, key speakers at the recent MSME Summit in New Delhi felt that OEMs and Tier 1 suppliers must help suppliers down the line grow. **Shobha Mathur** reports.

# Acma ropes in Sidbi for easy credit to members

# ACMA hosts seminar on automotive aftermarket

# ACMA and SIAM propose anti-counterfeiting measures

The lowering counterfeiting industry, already accounts for an estimated 36 percent of the \$130 billion Indian aftermarket. According to a white paper presented by the Automobile Research Association of India (ACMA), counterfeiting is a major threat to the growth of Indian Automobile Manufacturers (SIAM) have put forth proposals before the government including amendments to the Motor Vehicle Act. They reckon that the Act, which is currently applicable to fully assembled vehicles, is not fully effective.



# Record turnout at Automechanika

# Arvind Kapur says Electric Mobility Mission has inspired industry

# ACMA Automechanika New Delhi signs on first lot of participants

# ACMA signs MoU with SIDBI for auto component MSMEs

# ACMA National Conference on Minimising Carbon Footprint

# Indian parts makers stop over at Shanghai

# Fake and smuggled goods impacting 'Brand India'

ANI, RAJPUT

major manufacturers. However, generation of backlogs, which is not encouraged by the government, is a major concern for the industry.

gating and Counterfeit Activities Destroying the Economy (CASCAD). FICCI (CASCAD) has now set up with the task of identifying counterfeit goods and their sources.

"Bribe" campaign. According to FICCI CASCAD, approximately 40 per cent of counterfeit goods are available to consumers.

which is approximately 30 per cent of the total auto parts sold in the country. The White Paper on Legislative Im-

India, IT is possibly the worst affected with 90 per cent of fake goods because of the huge cost of price differential.

ngent at s from Shanghai.

## ACMA Membership

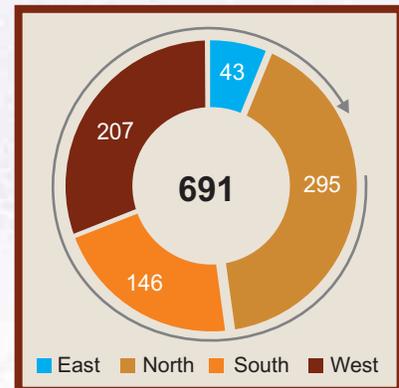
### A

A. G. Industries Pvt. Ltd.  
 A. Lakshmi Press & Forge Works  
 Abilities India Pistons & Rings Ltd.  
 Accurate Products Corporation Pvt. Ltd.  
 Ace International  
 Acey Engineering Pvt. Ltd.  
 Aditya Auto Products & Engineering (I) Pvt. Ltd.  
 Admach Auto Industries (I) Pvt. Ltd.  
 Advance Forgings Pvt. Ltd.  
 Advik Hi-Tech Pvt. Ltd.  
 Agrasen Engineering Industries Ltd.  
 Agrim Components Pvt. Ltd.  
 Aisin NTF Pvt. Ltd.  
 Akal Spring Ltd.  
 ALF Engineering Pvt. Ltd.  
 Alfa Flexitubes Pvt. Ltd.  
 Alicon Castalloy Ltd.  
 All India Rubber Industries Association  
 Allena Auto Industries Pvt. Ltd.  
 Allied Nippon Ltd.  
 Allison Transmission India Pvt. Ltd.  
 Almighty Auto Ancillary Pvt. Ltd.  
 ALP Nishikawa Company Ltd.  
 Alpha Drives  
 Alpha Springs Chennai (P) Ltd.  
 Amalgamations Repco Ltd.  
 Amar Autotech Pvt. Ltd.  
 Ambattur Industrial Estate Manufacturers' Association (AIEMA)  
 American Axle and Manufacturing Services (I) Pvt. Ltd.  
 Ample Auto Tech Pvt. Ltd.  
 Amtek  
 Amtek Auto Ltd.  
 Amul Industries Pvt. Ltd.  
 AMW Auto Component Ltd.  
 Anand Automotive Ltd.  
 Anand Motor Products Pvt. Ltd.  
 Anand NVH Products (P) Ltd.  
 Anand Piston International  
 ANG Industries Ltd.  
 Anu Industries Ltd.  
 ARB Bearings Ltd.  
 Arvind Engineering Works Ltd.  
 Asahi India Glass Ltd.  
 Ashok Iron Works Pvt. Ltd.  
 Ashra Consultants Pvt. Ltd.  
 ASK Automotive Pvt. Ltd.  
 ASL Industries Pvt. Ltd.  
 Aspee Springs Ltd.  
 Associated Manufacturing Company  
 Asti Electronics India Pvt. Ltd.

Aurangabad Electricals Ltd.  
 Auro Plastic Injection Moulders Pvt. Ltd.  
 Auto Cluster Development and Research Institute Ltd.  
 Auto Ignition Ltd.  
 Auto Pins (India) Ltd.  
 Auto Shell Perfect Moulder Ltd.  
 Autocomp Corporation Panse Pvt. Ltd.  
 Autofit Pvt. Ltd.  
 Autoflex Pvt. Ltd.  
 Autoline  
 Autolite (India) Ltd.  
 Autoliv India Pvt. Ltd.  
 Autometers Alliance Ltd.  
 Automotive Valves Pvt. Ltd.  
 AVO Carbon India (P) Ltd.  
 AVR Valves Pvt. Ltd.  
 AVS Brake Linings Pvt. Ltd.  
 Avtec Ltd.  
 Axles India Ltd.

### B

Badve Engineering Ltd.  
 Bajaj Motors Ltd.  
 Balu India  
 Banco Products (India) Ltd.  
 BASF Catalysts India Pvt. Ltd.  
 Baynee Industries  
 Behr India Ltd.  
 Benara Bearings & Pistons Ltd.  
 Benara Udyog Ltd.  
 Besmak Components Pvt. Ltd.  
 Besoto Starting Systems Pvt. Ltd.  
 Best Koki Automotive (P) Ltd.  
 Beta Industrial Products  
 Bharat Forge Ltd.  
 Bharat Gears Ltd.  
 Bharat Seats Ltd.  
 Bhavani Industries  
 BIC Auto Pvt. Ltd.  
 Bill Forge Pvt. Ltd.  
 Bimetal Bearings Ltd.  
 Bindra Motors Pvt. Ltd.  
 BMC Metalcast Ltd.  
 Bohra Rubber Pvt. Ltd.  
 Bond Safety Belts  
 Bony Polymers Pvt. Ltd.  
 Borgwarner Cooling Systems India Pvt. Ltd.  
 Borgwarner Morse Tec India Pvt. Ltd.  
 Bosch Chassis Systems India Ltd.  
 Bosch Ltd.  
 Brakes India Ltd.  
 Brakewel Automotive Components (I) Pvt. Ltd.



Brembo Brake India Pvt. Ltd.  
 Bright Autoplast Ltd.  
 Brose India Automotive Systems Pvt. Ltd.  
 Bundy India Ltd.

### C

C.M. Smith & Sons Ltd.  
 Calex Auto  
 Caltherm Thermostats Pvt. Ltd.  
 Caparo Engineering India Pvt. Ltd.  
 Carl Bechem Lubricants (India) Pvt. Ltd.  
 Castwel Autoparts Pvt. Ltd.  
 Ceratizit India Pvt. Ltd.  
 Champak Plastics Pvt. Ltd.  
 Chandok Automotive Manufacturers Ltd.  
 Chaphekar Engineering Pvt. Ltd.  
 CI Car International Pvt. Ltd.  
 Circlips India Pvt. Ltd.  
 Citizen Press Components  
 Clutch Auto Ltd.  
 Comstar Automotive Technologies Pvt. Ltd.  
 Concentric Pumps Pune Pvt. Ltd.  
 Conic Automotive Pvt. Ltd.  
 Continental Automotive Components (India) Pvt. Ltd.  
 Continental Engines Ltd.  
 Cooper Corporation Pvt. Ltd.  
 CRP (India) Pvt. Ltd.

### D

Daewon India Autoparts Pvt. Ltd.  
 Dali & Samir Engineering Pvt. Ltd.  
 Dana India Pvt. Ltd.  
 DCM Engineering Products  
 Deccan Radiators And Pressings Pvt. Ltd.  
 Dell'orto India Pvt. Ltd.  
 Delphi Automotive Systems Pvt. Ltd.  
 Delphi-TVS Diesel Systems Ltd.  
 Deltronix India Ltd.  
 Delux Bearings Ltd.  
 Demanik Enterprises

Denso India Ltd.  
 Denso International India Pvt. Ltd.  
 Denso Kirloskar Industries Pvt. Ltd.  
 Deshpande Automech Pvt. Ltd.  
 Deusch Motocomp Pvt. Ltd.  
 Devendra Exports Pvt. Ltd.  
 Devilog Systems (India)  
 Dhanjal Impex Pvt. Ltd.  
 Dhoot Transmission Pvt. Ltd.  
 Disa India Ltd.  
 DME (India) Pvt. Ltd.  
 Donaldson India Filter Systems Pvt. Ltd.  
 Dow Corning India Pvt. Ltd.  
 Duroshox Pvt. Ltd.  
 Durovalves India Pvt. Ltd.  
 DVS Industries Pvt. Ltd.  
 Dyna-K Automotive Stampings Pvt. Ltd.  
 Dynamatic Technologies Ltd.

**E**

E.I. Dupont India Pvt. Ltd.  
 Eaton Industrial Systems Pvt. Ltd.  
 Eco Auto Components Ltd.  
 Ecocat (India) Pvt. Ltd.  
 Elcomponics Sales Pvt. Ltd.  
 Electrica Engineers (India) Pvt. Ltd.  
 Electromags Automotive Products Pvt. Ltd.  
 Elofic Industries Ltd.  
 Emdet Jamshedpur Pvt. Ltd.  
 Emitec Emission Control Technologies (I) Pvt. Ltd.  
 Emkay Automobile Industries Ltd.  
 Emmbros Autocomp Ltd.  
 Endurance Technologies Pvt. Ltd.  
 Engineering Technologies  
 Escorts Ltd.  
 Estee Auto Pressings Pvt. Ltd.  
 Everest Electrical & Engineering Company Pvt. Ltd.  
 Excel Polymotive  
 Exedy India Ltd.  
 Exotech Zanini Industries Pvt. Ltd.

**F**

FAG Bearings India Ltd.  
 Fairfield Atlas Ltd.  
 Faurecia Automotive Seating India Pvt. Ltd.  
 Faurecia Emissions Control Technologies India Pvt. Ltd.  
 Faurecia Interior Systems India Pvt. Ltd.  
 Federal-Mogul Goetze (India) Ltd.  
 Fenner (India) Ltd.  
 Ferromatik Milacron India Pvt. Ltd.  
 Fiem Industries Ltd.  
 Fine Blanking Pvt. Ltd.  
 Flash Electronics (I) Pvt. Ltd.  
 Fleetguard Filters Pvt. Ltd.

Flowwell Castings Pvt. Ltd.  
 Flywheel Ring Gears Pvt. Ltd.  
 Friends Auto (India) Ltd.  
 Friends Castings Pvt. Ltd.

**G**

G B Rubber Products  
 G. S. Auto International Ltd.  
 Gabriel India Ltd.  
 Gajra Gears Pvt. Ltd.  
 Galaxy Bearings Ltd.  
 Galaxy Indicators (I) Pvt. Ltd.  
 Gargs Engineers Ltd.  
 Gatiman Auto Pvt. Ltd.  
 Gearrock Forge Pvt. Ltd.  
 Ghaziabad Precision Products Pvt. Ltd.  
 Gilard Electronics Pvt. Ltd.  
 GKDITR- Tooling Centre  
 GKN Driveline (India) Ltd.  
 GKN Sinter Metals Pvt. Ltd.  
 Global Automotive Components (P) Ltd.  
 Global Autotech Ltd.  
 Gloria Engineering Company  
 GNA Axles Ltd.  
 GNA Duraparts Ltd.  
 GNA Udyog Ltd.  
 Gold Seal Engineering Products Pvt. Ltd.  
 Goldy Precision Stampings Pvt. Ltd.  
 Grace Infrastructure Pvt. Ltd.  
 Graziano Trasmissioni India Pvt. Ltd.  
 Greenfuel Energy Solutions Pvt. Ltd.  
 Greenley Hi-Tech Engineers Pvt. Ltd.  
 GTB Automotive Systems (P) Ltd.  
 Gulati Auto Electricals Pvt. Ltd.  
 Guru Nanak Auto Enterprises Ltd.

**H**

Haldex India Ltd.  
 Halonix Ltd.  
 Harita Seating Systems Ltd.  
 Harman International (India) Pvt. Ltd.  
 Harsha Engineers Ltd.  
 Hella India Automotive Pvt. Ltd.  
 Hella India Lighting Limited  
 Helvoet Rubber & Plastic Technologies (India) Pvt. Ltd.  
 Hero Motors Ltd.  
 Highco Engineers (P) Ltd.  
 Highway Industries Ltd.  
 Hilux Auto Electric Pvt. Ltd.  
 Hi-Lux Automotive Pvt. Ltd.  
 Hinduja Foundries Ltd.  
 Hindustan Composites Ltd.  
 Hindustan Glass Works Ltd.  
 Hindustan Hardy Spicer Ltd  
 Hi-Tech Gears Ltd.

Hodek Vibration Technologies Pvt. Ltd.  
 Honeywell Turbo Technologies India Pvt. Ltd.  
 Horizon Industrial Products Pvt. Ltd.  
 Huf India Pvt. Ltd.

**I**

I E Auto Industrial Enterprise Pvt. Ltd.  
 I P Rings Ltd.  
 Ibex Products Pvt. Ltd.  
 IFB Automotive Pvt. Ltd.  
 IFB Industries Ltd.  
 IM Gears Pvt. Ltd.  
 Imperial Auto Industries Ltd.  
 INA Bearings India Pvt. Ltd.  
 India Forge and Drop Stampings Ltd.  
 India Japan Lighting Pvt. Ltd.  
 India Nippon Electricals Ltd.  
 India Pistons Ltd.  
 Indian Diecasting Industries  
 Indication Instruments Ltd.  
 Indo Autotech Ltd.  
 Indo-Schottle Auto Parts Pvt. Ltd.  
 Indo-Shell Mould Ltd.  
 Indo-US MIM Tec. Pvt. Ltd.  
 Industrial Engineering Syndicate  
 Industrial Forge & Engineering Co. Ltd.  
 Industrial Rubber Products Pvt. Ltd.  
 Industrias Del Recambio India Pvt. Ltd.  
 Injectoplast Pvt. Ltd.  
 Innova Rubbers Pvt. Ltd.  
 Innoventive Industries Ltd.  
 Insight Engineering Systems Pvt. Ltd.  
 Insulation & Electrical Products Pvt. Ltd.  
 Interface Microsystems  
 Inteva Products India Automotive Pvt. Ltd.  
 Investment & Precision Castings Ltd.  
 IST Ltd.

**J**

Jagan Lamps Ltd.  
 Jainendra Automotive (P) Ltd.  
 Jamna Auto Industries Ltd.  
 Japji Enterprises  
 Jay Bharat Maruti Ltd.  
 Jay Switches (India) Pvt. Ltd.  
 Jay Ushin Ltd.  
 Jaya Hind Industries Ltd.  
 Jayashree Polymers Pvt. Ltd.  
 Jayem Auto Industries Pvt. Ltd.  
 JBM Auto Ltd.  
 JBM Ogihara Automotive India Ltd.  
 Johnson Matthey India Pvt. Ltd.  
 Jtekt Sona Automotive India Ltd.  
 Jumps Auto Industries Ltd.

**K**

K.M.P. Manufacturing Company  
 K.R. Industries  
 Kafila Forge Ltd.  
 Kalra Overseas & Precision Engineering Ltd.  
 Kalyani Forge Ltd.  
 Kamal Rubplast Industries Pvt. Ltd.  
 Kar Mobiles Ltd.  
 Kavia Engineering Private Ltd.  
 Kay Jay Forgings Pvt. Ltd.  
 Keihin Panalfa Ltd.  
 Kems Forgings Ltd.  
 Kern-Liebers Springs & Stampings Pvt. Ltd.  
 Keystone Appliances Pvt. Ltd.  
 Kiran Udyog  
 Kirat Plastics Pvt. Ltd.  
 Kirloskar Toyoda Textile Machinery Pvt. Ltd.  
 Kiswok Industries Pvt. Ltd.  
 KLT Automotive And Tubular Products Ltd.  
 Knorr-Bremse Systems for Commercial Vehicles India Pvt. Ltd.  
 Kongovi Electronics Pvt. Ltd.  
 Kores (India) Ltd.  
 KOSTAL NTF Automotive India Pvt. Ltd.  
 Koyo Bearings India Pvt. Ltd.  
 Krishna Auto Industries  
 Krishna Maruti Ltd.  
 Kross Manufacturers (I) Pvt. Ltd.  
 KSPG Automotive India Pvt. Ltd.  
 Kulkarni Engineers  
 Kundan Industries Ltd.  
 Kunstocom (India) Ltd.  
 Kusalava International Ltd.

**L**

L. G. Balakrishnan & Bros. Ltd.  
 Lakhani Rubber Works  
 Lakshmi Precision Screws Ltd.  
 Lasko Engineering Co.  
 Lear Automotive India Pvt. Ltd.  
 Lifelong India Ltd.  
 Liners India Ltd.  
 Litens Automotive (India) Pvt. Ltd.  
 Lucas TVS Ltd.  
 Luk India Pvt. Ltd.  
 Lumax Automotive Systems Ltd.  
 Lumax DK Auto Industries Ltd.  
 Lumax Industries Ltd.  
 Luthra Industrial Corporation

**M**

M & M Machine Craft Pvt. Ltd.  
 M And M Auto Industries Limited  
 M.D. Industries

M.K. Auto Industries  
 M.M. Industrial Controls Pvt. Ltd.  
 M.V.D. Auto Components Pvt. Ltd.  
 Maadhav Automotive Fasteners Pvt. Ltd.  
 Macas Automotive  
 Machino Polymers Ltd.  
 Maco Pvt. Ltd.  
 Madhusudan Auto Ltd.  
 Madras Engineering Industries Pvt. Ltd.  
 Magal Engg. Tech Pvt. Ltd.  
 Magneti Marelli India Pvt. Ltd.  
 Magnum MI Steel Pvt. Ltd.  
 Mahindra Forgings Ltd.  
 Mahindra Gears & Transmissions Pvt. Ltd.  
 Mahindra Hinoday Industries Ltd.  
 Mahindra Sona Ltd.  
 MAHLE Engine Components India Pvt. Ltd.  
 Mahle Filter Systems (India) Ltd.  
 Mahratta Chamber of Commerce, Industries & Agriculture  
 Maini Precision Products Pvt. Ltd.  
 Makino Auto Industries Pvt. Ltd.  
 Manas Automotive Systems Ltd.  
 Mandap International Pvt. Ltd.  
 Mando India Ltd.  
 Mann and Hummel Filter Pvt. Ltd.  
 Mansons Automotive Rubber Pvt. Ltd.  
 Mantri Metallics Pvt. Ltd.  
 Marathwada Auto Compo Pvt. Ltd.  
 Mark Exhaust Systems Ltd.  
 Masu Brakes Pvt. Ltd.  
 Maxop Engineering Co. Pvt. Ltd.  
 Mayur Industries Ltd.  
 Mayur Uniquoters Ltd.  
 MEC Bearings Pvt. Ltd.  
 Meenakshi Polymers Pvt. Ltd.  
 Mehta Engineers Ltd.  
 Meneta Automotive Components Pvt. Ltd.  
 Menon and Menon Ltd.  
 Metaforge Engineering (India) Pvt. Ltd.  
 Metal Form  
 Metaldyne Industries Ltd.  
 Metalman Auto Pvt. Ltd.  
 Metalsa India Pvt. Ltd.  
 MEW Suspensions Pvt. Ltd.  
 Micro-Machines  
 Micron Enterprises  
 Microsign Products  
 Microsoft Corporation (India) Pvt. Ltd.  
 Milton Plastics Ltd.  
 Minda Corporation Ltd.  
 Minda Furukawa Electric Pvt. Ltd.  
 Minda Industries Ltd.  
 Minda Sai Limited  
 Minda Stoneridge Instruments Ltd.  
 Minda Valeo Security Systems Pvt. Ltd.

Mindarika Pvt. Ltd.  
 Mitsuba Sical India Ltd.  
 Mitsubishi Electric Automotive India Pvt. Ltd.  
 Mittal Precision Autocomps Pvt. Ltd.  
 MK Autocomponents India Ltd.  
 Mobility Solutions Ltd.  
 Mobis India Ltd.  
 Motherson-Sumi Systems Ltd.  
 Mrinalini Industries  
 Mubea Automotive India Pvt. Ltd.  
 Multitech Auto Pvt. Ltd.  
 Mungi Brothers  
 Munjal Auto Industries Ltd.  
 Munjal Showa Ltd.  
 Musashi Auto Parts India Pvt. Ltd.  
 Mutha Founders Pvt. Ltd.  
 Mutual Industries Ltd.

**N**

Nalin Rubber (P) Ltd.  
 Napino Auto & Electronics Ltd.  
 Nash Products  
 Natesan Synchrocones Pvt. Ltd.  
 National Engg. Industries Ltd.  
 National Industrial Apparels Pvt. Ltd.  
 Neepaz V. Forge (India) Ltd.  
 Nelcast Ltd.  
 Nelson Global Products India Pvt. Ltd.  
 Nemak Aluminium Castings India Pvt. Ltd.  
 Neolite ZKW Lightings Pvt. Ltd.  
 NeoSym Industry Ltd.  
 New Engineering Works  
 New Swan Autocomp (P) Ltd.  
 New Swan Enterprises  
 Nexteer Automotive India Pvt. Ltd.  
 NGK Spark Plugs (India) Pvt. Ltd.  
 NHK Automotive Components India Pvt. Ltd.  
 Nicks Auto Industries Pvt. Ltd.  
 Nipman Fastener Industries Pvt. Ltd.  
 Nippon Audiotronix Ltd.  
 Nippon Thermostat (India) Ltd.  
 Nishan Automobiles  
 Nitto Denko India Pvt. Ltd.  
 Norma Group Products India Pvt. Ltd.  
 NRB Bearings Ltd.  
 NTF (India) Pvt. Ltd.

**O**

Ocap Chassis Parts Pvt. Ltd.  
 Oetiker India Pvt. Ltd.  
 OK Play India Ltd.  
 Omax Autos Ltd.  
 Oswal Castings Pvt. Ltd.  
 Owari Precision Products (India) Pvt. Ltd.

**P**

Pacco Industrial Corporation  
 Padmini VNA Mechatronics Pvt. Ltd.  
 Panse Autocomps Pvt. Ltd.  
 Paracoat Products Ltd.  
 Paranjape Autocast Pvt. Ltd.  
 Parkash Automotive Industries (P) Ltd.  
 Pasio Aircon Pvt. Ltd.  
 Paul Components Pvt. Ltd.  
 Pavna Auto Engineering Pvt. Ltd.  
 Pee Aar Exim Pvt. Ltd.  
 Perfect Circle India Ltd.  
 Perfect Industries (India)  
 Perfect Polymers  
 PHA India Pvt. Ltd.  
 Pinnacle Industries Ltd.  
 Polyplastics Industries (India) Pvt. Ltd.  
 Pooja Forge Ltd.  
 Poona Shims Pvt. Ltd.  
 Poona Tools Pvt. Ltd.  
 Porwal Auto Components Ltd.  
 Prabha Engineering Pvt. Ltd.  
 Prabhat Industries  
 Pravin Engineering Pvt. Ltd.  
 Precision Auto Industries  
 Precision Autowares Pvt. Ltd.  
 Precision Camshafts Ltd.  
 Precision Pipes and Profiles Co. Ltd.  
 Premium Mouldings & Pressings Pvt. Ltd.  
 Presco-Mec Autocomp Pvt. Ltd.  
 Pricol Ltd.  
 Pritika Auto Products Pvt. Ltd.  
 Propel Metaltech  
 PRS Permacel Pvt. Ltd.  
 Punch Ratna Fasteners Pvt. Ltd.  
 Punjab Bevel Gears Ltd.  
 Purofil Auto (India) Pvt. Ltd.

**Q**

QH Talbros Ltd.

**R**

R.K. Profiles Pvt. Ltd.  
 R.P. Autostyles  
 Radiant Complast Pvt. Ltd.  
 Radiant Polymers Pvt. Ltd.  
 Raghu Precision Engineering Pvt. Ltd.  
 Rajatdeep Overseas Pvt. Ltd.  
 Rajhans Pressings Pvt. Ltd.  
 Rajnish Industries Pvt. Ltd.  
 Rajsriya Automotive Industries Pvt. Ltd.  
 Ramkrishna Forgings Ltd.  
 Ramsays Corporation Pvt. Ltd.  
 Rane (Madras) Ltd.  
 Rane Brake Lining Ltd.

Rane Engine Valve Ltd.  
 Rane NSK Steering Systems Ltd.  
 Rane TRW Steering Systems Ltd.  
 Rane Polymers Pvt. Ltd.  
 Rangamma Steels & Malleables  
 Rasandik Engg. Industries (I) Ltd.  
 Raunaq Automotive Components Ltd.  
 Rawats International Pvt. Ltd.  
 RDH Auto  
 Remsons Industries Ltd.  
 Rico Auto Industries Ltd.  
 Rico Castings Ltd.  
 Right Tight Fastners Pvt. Ltd.  
 Rinder India Pvt. Ltd.  
 Ring Plus Aqua Ltd.  
 Rising Sun International  
 Rockman Industries Ltd.  
 Rojee-Tasha Stampings Pvt. Ltd.  
 Roop Automotives Ltd.  
 Roop Polymers Ltd.  
 Roots Industries India Ltd.  
 Roulunds Braking (India) Pvt. Ltd.  
 RSB Transmissions (I) Ltd.  
 Rucha Engineers Pvt. Ltd.  
 Rucha Technologies Pvt. Ltd.

**S**

S. M. Auto Engineering Pvt. Ltd.  
 S.K. Spring Co.  
 S.M. Rolling Works  
 SAC Engine Components Pvt. Ltd.  
 Sadhu Forging Ltd.  
 Sainik Spring Works  
 Saint Gobain Glass India Ltd.  
 Sakthi Auto Component Ltd.  
 Samarth Engg. Co. Pvt. Ltd.  
 Samson Industries  
 Sanatan Autoplast Pvt. Ltd.  
 Sanauto Engineers (India) Pvt. Ltd.  
 Sandeep Axles Pvt. Ltd.  
 Sandeep Metalcraft Pvt. Ltd.  
 Sandhar Technologies Ltd.  
 Sandhu Auto Engineers  
 Sanjeev Auto Parts Manufacturers Pvt. Ltd.  
 Sankar Sealing Systems Pvt. Ltd.  
 Sansera Engineering (P) Ltd.  
 Santech Motors Pvt. Ltd.  
 Sathya Auto Pvt. Ltd.  
 Satyam Auto Components Ltd.  
 Sawalka Kel Pvt. Ltd.  
 Seema & Co.  
 Seinunero Nirman Pvt. Ltd.  
 Sellowrap EPP India Pvt. Ltd.  
 Sellowrap Industries Pvt. Ltd.  
 Senior India Pvt. Ltd.  
 Sensing Technologies Pvt. Ltd.  
 SEP India Pvt. Ltd.  
 Setco Automotive Ltd.  
 Sharada Industries  
 Sharda Motor Industries Ltd.  
 Sheet Shapers  
 Shivam Autotech Ltd.  
 Shivani Locks Pvt. Ltd.  
 Showa India Pvt. Ltd.  
 Shree Amba Industries  
 Shriram Alpine Sales Pvt. Ltd.  
 Shriram Foundry Ltd.  
 Shriram Pistons & Rings Ltd.  
 Sigma Corporation (India) Ltd.  
 Sigma Freudenberg NOK Pvt. Ltd.  
 Sigma Moulds & Stampings Pvt. Ltd.  
 Sigma Vibracoustic (India) Pvt. Ltd.  
 Simmonds Marshall Ltd.  
 Singhbhum Machinometal Pvt. Ltd.  
 Singla Forging  
 SKH Metals Ltd.  
 SOGEFI MNR Filtration India Pvt. Ltd.  
 Somic ZF Components Ltd.  
 Sona Koyo Steering Systems Ltd.  
 Sona Okegawa Precision Forgings Ltd.  
 Soni Auto & Allied Industries Ltd.  
 Spaco Technologies (India) Pvt. Ltd.  
 Special Engineering Services Ltd.  
 Special Tools Pvt. Ltd.  
 Spicer India Ltd.  
 SPM Autocomp Systems Pvt. Ltd.  
 Spring India  
 Spun Micro Processing (P) Ltd.  
 Sri Bhavani Castings Ltd.  
 Standard Radiators Pvt. Ltd.  
 Steel City Metal Products (P) Ltd.  
 Steel Strips Wheels Ltd.  
 Steelbird International  
 Sterling Tools Limited  
 Stork Auto Engineering Pvt. Ltd.  
 Stork Rubber Products Pvt. Ltd.  
 Stumpp, Schuele & Somappa Springs Pvt. Ltd.  
 Subros Ltd.  
 Sudhir Forgings Pvt. Ltd.  
 Sudisa Foundry (P) Ltd.  
 Sulzer Friction Systems India Ltd.  
 Sumit Enterprises  
 Sunbeam Auto Pvt. Ltd.  
 Sundaram Auto Components Ltd.  
 Sundaram Brake Linings Ltd.  
 Sundaram Clayton Ltd.  
 Sundaram Industries Ltd.  
 Sundram Fasteners Ltd.  
 Sunpac Auto (India) Pvt. Ltd.  
 Sunstar Precision Forge Ltd.  
 Super Circle Auto Ltd.  
 Super Seals India Ltd.

Supercircle Pvt. Ltd.  
 Suprajit Engineering Ltd.  
 Supreme-Treves Pvt. Ltd.  
 Suraj Components Pvt. Ltd.  
 Suraj General Engineers (P) Ltd.  
 Surya Springs  
 Susira Industries Ltd.  
 Syndicate Wiper Systems Pvt. Ltd.

**T**

T.K. Precision Pvt. Ltd.  
 Takata India Pvt. Ltd.  
 Talbros Automotive Components Ltd.  
 Talbros Cork Products Pvt. Ltd.  
 Talbros Engineering Ltd.  
 Tata Autocomp Systems Ltd.  
 Tata Consultancy Services  
 Tata Johnson Controls Automotive Ltd.  
 Tata Toyo Radiator Ltd.  
 Taurus Flexibles Pvt. Ltd.  
 Taylor Rubber Pvt. Ltd.  
 Tech Auto Pvt. Ltd.  
 Technico Industries Ltd.  
 Technocrat Connectivity Systems (P) Ltd.  
 Teksons Pvt. Ltd.  
 Tenneco Automotive India Pvt. Ltd.  
 Terminal Technologies (I) Pvt. Ltd.  
 Tespa Tools Pvt. Ltd.  
 Texspin Bearings Ltd.  
 Textek Electroniks Pvt. Ltd.  
 TG Kirloskar Automotive Pvt. Ltd.  
 The Automobile Society (India)  
 The Automotive Research Association of India  
 The Supreme Industries Ltd.  
 Thirdware Solution Ltd.  
 TKW Fasteners Pvt. Ltd.

Toyota Boshoku Automotive India Pvt. Ltd.  
 Toyota Kirloskar Auto Parts Pvt. Ltd.  
 Toyotetsu India Auto Parts Pvt. Ltd.  
 Track Components Ltd.  
 Trelleborg Automotive India Pvt. Ltd.  
 Trigno Engineering Pvt. Ltd.  
 Trim India Pvt. Ltd.  
 TRW Sun Steering Wheels Pvt. Ltd.  
 Tube Investments of India Ltd.  
 Tulsi Castings and Machining Ltd.  
 Turbo Energy Ltd.  
 TVS Educational Society  
 TVS Infotech Ltd.  
 TVS Logistics Services Ltd.  
 Twenty First Century Auto Locks Pvt. Ltd.  
 Tyco Electronics Corporation India (P) Ltd.

**U**

Ucal Fuel Systems Ltd.  
 Ucal Products Pvt. Ltd.  
 UMC Auto Industries Pvt. Ltd.  
 Uni Deritend Ltd.  
 Uniproducs (India) Ltd.  
 Unitech Machines Ltd.  
 Universal Wire Forms  
 Usha International Ltd.

**V**

Vaid Elastomer Processors Pvt. Ltd.  
 Valeo India Pvt. Ltd.  
 Vanaz Engineers Ltd.  
 Vardhman Metacast  
 Varroc Engineering Pvt. Ltd.  
 Varroc Polymers Pvt. Ltd.  
 VE Commercial Vehicles Ltd.  
 Vibrant Auto Components Pvt. Ltd.

Vib's India Pressing  
 Victora Tool Engineers (P) Ltd.  
 Vijayjyot Seats Pvt. Ltd.  
 Vijayshree Autocom Ltd.  
 Vikrant Auto Suspensions  
 Vinayaka C.N.C. Centre (P) Ltd.  
 Viral Engineers  
 Visteon Automotive Systems India Pvt. Ltd.  
 Visteon Climate Systems India Ltd.  
 VNM Polymers Pvt. Ltd.

**W**

WABCO India Ltd.  
 Wahi Sons Pvt. Ltd.  
 Western Auto Spares  
 Western Thomson (India) Ltd.  
 Wheels India Ltd.  
 Wings Automobile Products (Pvt.) Ltd.  
 Wire Rings  
 Wriston Elastomers (P) Ltd.

**Y**

Yazaki India Ltd.  
 Yeshshree Press Comps. Pvt. Ltd.  
 York Transport Equipment (India) Pvt. Ltd.  
 Yoshama And Company Pvt. Ltd.

**Z**

Z F India Pvt. Ltd.  
 Zenith Forge Pvt. Ltd.  
 ZF Steering Gear (India) Ltd.

As on August 7, 2013





**Automotive Component  
Manufacturers Association of India**

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E-mail: [acma@acma.in](mailto:acma@acma.in) Website: [www.acma.in](http://www.acma.in)

#### REGIONAL OFFICES

##### EASTERN REGION

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Centre for Excellence,  
Jubilee Road  
Jamshedpur 831 001  
Jharkhand  
Tel: +91 657 656 0385,  
2224670 Extn-24  
Telefax: +91 657 2230035  
E-mail: [acmaer@acma.in](mailto:acmaer@acma.in)

##### SOUTHERN REGION

1-B, "Crystal Lawn",  
20, Haddows Road,  
First Street,  
Chennai 600 006  
Tamil Nadu  
Tel: +91 44 2833 0968,  
+91 44 2833 0949  
Fax: +91 44 2833 0590  
E-mail: [acmasr@acma.in](mailto:acmasr@acma.in)

##### SOUTHERN REGION ZONAL OFFICE

(Karnataka & Hosur)  
Shop No. 1, Commercial Complex,  
National Games Village,  
Koramangala, Bangalore 560 047  
Karnataka  
Tel: +91 80 2570 2855  
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