

**ACMA**

AUTOMOTIVE COMPONENT  
MANUFACTURERS ASSOCIATION OF INDIA

# BENCHMARKING FOR PROGRESS PERFORMANCE & COMPETITIVENESS

ANNUAL REPORT 2010-11





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

# ANNUAL REPORT 2010 - 11

**ACMA**

Automotive Component Manufacturers Association of India

## President's Message



Dear Friends,

As I look back on the past year, I am happy to note that the year was one of growth and optimism. I am thankful to the ACMA membership for reposing faith in me and giving me the opportunity to lead the industry and serve them at a time when the industry was facing a severe challenge of capacity addition and skill availability.

### Industry Performance

In the last year, the passenger vehicles segment crossed 2.5 million units, the commercial vehicles grew 27 percent to breach 6.7 lakhs mark while the two-wheelers market exceeded 11.7 million units in sales growing 26 percent. This significant growth in the vehicle sector had the auto component industry extremely stretched on capacity. However, I am glad that the auto components industry sales rose to the challenge and grew to US\$ 30 billion with the exports at US\$ 5 billion. A significant capacity expansion, green field as well as brown field accompanied the growth in the vehicle industry; an

estimated US\$ 2 billion was invested in the auto components sector last year.

### Managing Growth: Capacity & Capability

The challenges of managing growth called for a new thought process; three new committees were set up at ACMA – the OEM committee for better communication and information exchange with the vehicle industry, the IMTMA Committee for managing supply-side issues on the capital goods front and the Supply Chain Committee to facilitate better Capacity management in the component industry by fostering close linkages between the Tier 1s and the Tier 2/3s. Intense engagements with SIAM through its Sourcing Group, Human Capital Group and Frontier Technology Group have been immensely beneficial to the components sector. Further, ACMA and SIAM are closely working together with KPMG to develop IT interface standards for better management of the Industry value-chain.

The other very significant challenge faced by the industry has been that of skills shortage, both in

terms availability of requisite number of people and that of adequacy of skills. I am happy to report that the Automotive Skills Development Council (ASDC), a joint initiative of ACMA along with SIAM and FADA under the aegis of the NSDC has recently been formed. The ASDC aims to bridge the gap of 25 million skilled people needed by the automotive sector by 2022. In the pilot stage, for the auto component sector, we have developed the curriculum for 'machinists' and this will be rolled out soon through the ITIs and polytechnics adopted by the automotive industry. In the next phase several other courses will be developed and delivered.

Further, to create a new breed of smart managers for the industry, ACMA along with ISB, Hyderabad launched a Business Leadership development program, which was very well received by the industry.

To mentor the next generation of entrepreneurs, the Young Business Leaders' Forum (YBLF), continued to contribute with zest with interactions with several thought leaders as also eminent OEMs. The young brigade's mission to South Africa enriched them with an exposure to management and technology excellence in the country.

### **Business Development**

During the year ACMA continued to be in the forefront of industry promotion and business development. Trade missions organised to Germany, China, and USA were instrumental in carrying forward the ACMA agenda of promoting strategic tie-ups in these vibrant markets. Exports received a special thrust through ACMA group participation at key international auto shows like IAA, Hannover; Iran International Auto Parts Fair, Iran; India Show, Brazil and Auto Components Expo, Stuttgart. On the domestic front, for the first time Buyers-Sellers Meet between the Tier 1s and Tier 2s & Tier 3s at Ludhiana, Gurgaon and Pune received tremendous industry response. In-bound trade missions from Australia, Italy, Japan, and Sweden came exploring opportunities in the Indian Automotive market in India.

### **Technology & Quality**

ACMA Center for Technology (ACT) continued to spearhead the drive for quality, productivity and technology for ACMA members. In tune with ACMA's Vision 2020, which calls for a paradigm

shift in technology and quality in the industry, in accordance the ACT secretariat was restructured by M/s Deloitte for better delivery of professional services. ACT now has its own, new headquarters in Pune. Further, to create engineering excellence in the auto component sector, an Engineering Cluster has been recently launched while a New Product Development Cluster is on the anvil. In addition, sustainable development initiatives with emphasis on energy and environment management were received with much enthusiasm by our members. You will also be delighted to note that we shall very soon announce the ACMA IT cluster initiative, which will enable our industry to become more efficient and productive by deploying IT applications and tools.

### **Statutory Reform**

One of the very significant achievements last year has been the reform in the ACMA election process. To ensure fairness and transparency the ballot papers would now carry the ACMA hologram and the vote can be cast by only the authorized signatory of the member company whose signature and seal has to be affixed on the ballot paper. I hope this will make certain that the ACMA Executive Committee will be a true representative of our membership.

### **Knowledge Initiatives**

To serve the industry in tune with its evolving needs and to be globally competitive, our Knowledge Partner M/s Ernst & Young (E&Y) have kept us abreast of both the global business trends as also the business & policy environment in India and overseas through regular periodic updates. Their incisive reports on the auto component industry's performance in India have been well appreciated by the ACMA membership and the OEMs alike.

Further, to gauge the size of the after-market and the impact of sales of spurious components on the industry and the government's exchequer, a detailed study by M/s Nielsen was unveiled. The accompanying Whitepaper on Legislative Improvements against Counterfeiting has been a crucial aid in sensitizing the Government on the matter. Further, ACMA has recently commissioned M/s JD Power Asia Pacific to conduct a detailed study on Supplier-OEM relationship and benchmark it with that in US, Germany and China. I am sure these initiatives will create the much-

## PRESIDENT'S MESSAGE

needed repository of knowledge at ACMA to serve our members even better.

### Public Affairs

Our engagement with the Government scaled new heights last year. We continued to effectively engage with the Government on several issues critical to the industry including WTO, FTA issues, technical standards, automotive regulations, extension of the DEPB Scheme, enhancement of Drawback rates, challenges related to the New FDI policy, Technology Upgradation etc. This was matched with our equally enhanced media presence. The media has been very supportive of the industry and continued to highlight our issues throughout the year. Our augmented credibility with the Government has resulted in our being represented on many of the Government committees across various ministries that are penning the Twelfth Five Year Plan 2012-17.

ACMA also launched the next phase of its campaign, where in roadshows are planned to be held across the length and breath of the country, to spread awareness on usage of genuine auto components and curb the menace of counterfeiting. This is apart from the very successful 'Asli Naqli' show organised annually and the over 500 raids on the distribution network.

### Service Delivery

I am sure you would appreciate that the hallmark of any good association is its secretariat. Last year a record over 120 events were conducted, the highest ever in a single year. I am pleased to mention that the ACMA Secretariat is now ISO 9001: 2008 certified. The ACMA website has been revamped to allow for better navigation and information access. New websites for the ACMA IT committee and the YBLF have been hosted for the benefit of our members. Further, while the new HR policy was implemented for our secretarial staff last year, a new Performance Management System is being put in place to professionalize the set-up. We also strengthened the infrastructure at all the ACMA offices by significant investments in IT tools. While we moved into new office premises in Jamshedpur, our Chennai office has been completely refurbished to suit the needs of time.

### Challenges

While we saw significant growth in the last year, the coming year has its challenges. The high inflation followed by hikes in interest rates has slowed down the growth in the automotive market in recent times. The issues of availability of energy and skilled manpower; and the low return on investments add to the challenge of scaling up, especially in Tier 2/3 companies. Further, the government continues to promote FTAs, increasing the threat of imports. The latter half of the year witnessed omission of Clause 4.2.2 from the FDI Policy, which has put the industry to severe disadvantage especially with regards to technology absorption. Further, the proposed withdrawal of the DEPB scheme will be a major detriment to exports. However, I am confident that ACMA will continue to spearhead the cause and take up these issues with concerned authorities for resolution.

### Acknowledgements

I must acknowledge the support of the Governments, the centre and the states alike, 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 am hopeful that our dialogue with the government on creating Technology Development & Upgradation Fund will fructify in the near future. I would also like to place on record my appreciation for the support extended to us by CII, SIAM and IMTMA.

Lastly, I would like to take this opportunity 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 really appreciate the efforts and support put in by the ACMA Secretariat. I am confident that ACMA and the entire auto component industry will flourish in the coming years and will continue to be the engine of growth for the nation.

Srivats Ram

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## CHRONICLES

# 50<sup>th</sup> Annual Session & National Conference on “Sustaining Growth by Leveraging Capacity, Skills & Technology”

August 27, 2010 : New Delhi

Yet another landmark event in the history of ACMA - the 50th Annual Session, glorifying 50 years of service to the industry, was organised on the theme “Sustaining Growth by Leveraging Capacity, Skills & Technology”.

Speaking at the Inaugural Session, Mr Jayant Davar, President, ACMA and Vice Chairman & Managing Director, Sandhar Technologies Ltd., highlighted the developments in the global automotive industry which have brought about a new set of challenges for the Indian auto component industry.

The Guest of Honour, Mr. Pawan Munjal, Managing Director & CEO, Hero Honda Motors Ltd., highlighted the key challenges of the industry, namely, need to cautiously manage Trade off between long-term and short-term requirements; not substituting for economies of scale; Cost leadership is not always sustainable for a variety of reasons. Mr. Munjal also released ACMA's in-house statistical publication “International Trade Year Book: 2010”. While 'Vision 2020' of ACMA, was released by Mr. B. S. Meena, Secretary, Ministry of Heavy Industry & Public Enterprises, Government of India.

Mr. Rakesh Batra, Partner, Ernst & Young, in his presentation on “Vision 2020” highlighted about the auto sector.

The Chief Guest, Mr. B.S. Meena, Secretary-Heavy Industry, Ministry of Heavy Industries & Public Enterprises, Govt. of India, in his address re-emphasised on the Ministry's commitment and support for the growth of the conducive ecosystem, which will be the key to success of the auto component industry in the country.

Mr. Srivats Ram, Vice President, ACMA and Managing Director, Wheels India Ltd., mentioned that the Conference was an attempt at making industry realise



Chief Guest, Shri B. S. Meena, Lighting the Lamp



Guests at the Annual Session



Release of the Vision 2020 for the Indian Auto Component Industry



Release of the International Trade Year Book : 2010





Mr. Jayant Davar, President, ACMA, delivering the welcome address



Mr. B. S. Meena, Secretary - Heavy Industry, MoHI&PE, Govt. of India, delivering his address



Guests at the National Conference



Mr. Srivats Ram, Vice President, ACMA delivering the Vote of Thanks

the extent of the opportunity and at the same time, highlight some of the challenges that needs to be overcome in the future.

At the Conference Session, on “Sustaining Growth by Leveraging Capacity, Skills and Technology”, Dr. Pawan Goenka, President, SIAM, made an incisive presentation on “Scaling-up Through Capacity Building”. The presentation showed the perspective on the Chinese automotive industry which was thought provoking. The need for capacity for cost advantage, quantity, speed, quality, technology has set a thought to address the challenge as also worked towards harnessing the opportunity.

Mr. M.V. Subbiah, Chairman, National Skill Development Corporation (NSDC) made an inspiring presentation on “Skill Building and Human Resources”. The presentation included an overview of Value proposition from NSDC. He complimented the automotive industry for taking the lead in setting up Automotive Skill Development Council (ASDC), and suggested that the participation of individual companies can scale-up the initiative. While talent requirements of the country is huge, the availability of formal training is a small percentage which the NSDC aims to bridge, he said.

During the presentation on “Competitiveness through Innovation”, Dr. Dirk-Meints Polter, Fraunhofer, stated that the decision to develop or buy technology should be based on the cost, expertise and availability of competent and reliable suppliers. Fraunhofer is the largest organization for applied research in Europe, he said. The presentation enlightened participants on the use of solar energy (sun rays) to convert sea water to drinking water; cooling factor; intelligent networking of wind farms; detecting tumors faster and bone replacement from laser melting.

The session witnessed participation by Captains of the automotive industry, leading vehicle makers, senior government policy makers, officials from the diplomatic corps and other dignitaries.

## CHRONICLES

## Celebration of 50 Glorious Years of Partnership & Service to the industry

August 10, 2010 : New Delhi

The year-long Golden Jubilee Celebrations of the Association commenced with an Inaugural Function held coinciding with the 49th Annual Session on 3rd September 2009, New Delhi.

To mark the culmination of the year long celebrations, a Grand Finale was organised on 10th August 2010 in New Delhi, wherein the Chief Guest was the former President of India, Hon'ble Dr A P J Abdul Kalam and Mr Vilasrao Deshmukh, Hon'ble Minister for Heavy Industries & Public Enterprises, Govt. of India, was the Guest of Honour.

ACMA honoured the OEMs, Past Presidents and the former Executive Directors of the Association for their contribution and leadership to the automotive sector in enabling it garner the status of a sunrise sector in the country.

Golden Jubilee Commemoratives in the form of a Coffee Table Book and a Film tracing the evolution of the Indian automotive industry and ACMA, were released by the Chief Guest at the event.



The Chief Guest, Dr. Kalam Lighting the Lamp



Mr. Jayant Davar, President, ACMA, delivering the welcome address



Release of the ACMA Coffee Table Book & Film



Felicitation of Past Presidents, ACMA



Mr. Srivats Ram, VP, ACMA, delivering the Vote of Thanks

## ACMA Awards for Excellence 2009-10

ACMA continues its tradition of honouring and recognizing the excellent performance of its member companies in various fields of operation. ACMA Awards process has been refined and honed continuously over the years to make these awards more meaningful and reflective of true excellence. ACMA thanks all the OEMs who have been a part of this process as jury, over the years. The Jury has selflessly contributed, not only in judging the winners but also in continuously improving the awards criteria and assessment process.

Winners of ACMA Awards for the year 2009-10 were:

### Exports

#### NON-SME Category

- Gold Trophy : Precision Camshafts Ltd.
- Silver Trophy : Hi-Tech Gears Ltd.
- Bronze Trophy : Raunaq Automotive Components Ltd.

#### SME Category

- Gold Trophy : Anand NVH Products (P) Ltd.
- Silver Trophy : Stork Rubber Products Pvt. Ltd.

### Technology

#### NON-SME Category

- Gold Trophy : Minda Corporation Ltd.
- Silver Trophy : Minda Industries Ltd.
- Bronze Trophy : Lumax DK Auto Industries Ltd.

#### SME Category

- Certificate of Merit : Metaforge Engineering India Pvt. Ltd.

### Quality & Productivity

#### NON- SME Category

- Gold Trophy : Minda Industries Ltd., Pantnagar
- Silver Trophy : Lumax Industries Ltd., Pantnagar
- Bronze Trophy : Lear Automotive Ltd., Halol

#### SME Category

- Certificate of Recognition : Sellowrap Manufacturing Pvt. Ltd.

### Recognition for Manufacturing Excellence

- Gold Trophy : Mindarika Pvt. Ltd., Manesar
- Silver Trophy : Lumax Industries Ltd., Dharuhera
- Bronze Trophy : Subros Ltd., Noida



Line-up of ACMA Awards for Excellence

## CHRONICLES

### Executive Committee Meetings

#### 5<sup>th</sup> Meeting of ACMA Executive Committee 2009-10, New Delhi

June 5, 2010

During the Executive Committee Meeting, ACMA's Knowledge Partner – Ernst & Young made a presentation on “Re- Manufacturing”.

Coinciding with the EC meeting, a visit was organised to the newly constructed Delhi International Airport Terminal 3, which opened to the public in July 2010. Mr. Rommel Valles, Head-Stakeholder Management and Mr. Andrew Harrison, Chief Operating Officer, GMR Delhi International Airport Pvt. Ltd., interacted with ACMA EC members and organised a conducted tour of the terminal. Mr. Jayant Davar, President, ACMA, appreciated the efforts of GMR in providing the much needed world-class airport in Delhi.

#### 1<sup>st</sup> Meeting of the ACMA Executive Committee for 2010-11, New Delhi

August 27, 2010

At the Executive Committee Meeting, Mr. Jayant Davar, the outgoing President, ACMA, thanked the membership, the EC for providing invaluable assistance, guidance and support in all major endeavors of the Association and welcomed the new President –elect Mr. Srivats Ram and Vice President-elect Mr Arvind Kapur.

#### 2<sup>nd</sup> Meeting of the ACMA Executive Committee for 2010-11, Pune

October 8, 2010

#### 3<sup>rd</sup> Meeting of the ACMA Executive Committee for 2010-11, Jamshedpur

January 11, 2011

Coinciding with the interaction of ACMA Raw Material Committee members in Jamshedpur, Executive Committee members interacted with Mr. H. M. Nerurkar, Mg Director, Tata Steel, Jamshedpur.

#### 4<sup>th</sup> Meeting of the ACMA Executive Committee for 2010-11, Gurgaon

March 18, 2011

During the Executive Committee Meeting, ACMA's Knowledge Partner – Ernst & Young made a presentation on "the implications of the Union Budget 2011-2012".



Visit to T3 Airport Terminal, New Delhi



New President-elect & VP-elect, ACMA,  
at the 1<sup>st</sup> meeting of the Re-constituted ACMA EC



EC interaction with TATA Steel



4<sup>th</sup> EC Meeting

## ACMA Centre for Technology (ACT)

*ACMA Centre for Technology (ACT) continued to spearhead the drive for quality, productivity and technology for ACMA members.*

### ACT AOTS Training Programmes

#### ACT AOTS Training Program on Productive Maintenance, New Delhi & Pune

November 18-19, 2010 &  
November 22-23, 2010

ACT, in association with AOTS, Japan, organized a two day training programme on Productive Maintenance in New Delhi and Pune on November 18-19, 2010 and November 22-23, 2010, respectively. The programme faculty Shigenobu Nomura San from AOTS, Japan focused on TPM. Plant visits to AG Industries P. Ltd. Manesar (for Delhi session) and Minda Industries Ltd. (for Pune session)



Program on Productive Maintenance



Launch of ACT SME and ACT Foundation Clusters

were also organized. This helped participants witness the benefits of the best practices followed on shop-floor.

### ACT Cluster Approach

#### Meeting for finalizing Road Map and deliverables for NPD Cluster, Chennai

June 10, 2010

After completing two rounds of the ACMA-MIT programs on New Product Development in USA and India in 2008 & 2009 respectively, ACMA members sensed a need of doing a project on NPD. The objective of this project is to enable members to develop world class Product Development Processes, reduce NPD Cycle Time and Number of iterations through deployment of Product Development Processes. On 10th June, 2010, a meeting of ACMA members was organized to give this model a concrete shape and provide inputs to finalize the Road Map and deliverables. The Cluster will comprise of ACMA member companies who are keen in setting up New Product Development Processes in their respective organizations.

#### Launch of ACT SME (ER) and ACT Foundation Cluster VI (ER), Jamshedpur

June 25, 2010

It was indeed a matter of pride for the Eastern Region to launch of not one but two ACT Clusters on the same day. The first Cluster, one year preparatory cluster for the SMEs and the second, the Foundation Cluster for the companies having turnover of 50 crores and above was launched. Mr. Killol Kamani, Dy. Chairman, ACMA(ER) & MD, Samarth Engineering Co. P. Ltd. and Mr. S. B. Borwankar, Plant Head, Tata Motors Ltd (TML), appreciated ACMA for taking deep interest in the issues of quality and working really aggressively to implement a structured Quality System. He also introduced Mr. K. P. S. Raghuvanshi; the counsellor for both the clusters as his help and guidance would surely have a catalytic effect in the advancement of cluster activity. The other speakers were Mr. K. Mohan Kumar, GM, ADD, Materials & SQIG, Tata Motors Ltd. and Mr. Rajiv Mandke, Dy. Executive Director, ACMA.

## CHRONICLES

### Closing of 3rd ACT SME Cluster (NR), Manesar July 3, 2010

Closing ceremony of the ACT SME Cluster III (Northern Region) was held at Hi Tech Gears Ltd, Manesar. For the benefit of cluster member companies, a plant visit to Hi Tech Gears Ltd. where participants got exposure to various concepts like, Visual Factory, Factory in Factory, Glass Wall Management, Systematic Problem Solving, TEI, TPM and Policy Development, etc.



Closing of 3rd ACT SME (NR)

### Inauguration of ACT Headquarters, Pune March 29, 2011

Mr. Deep Kapuria, Chairman, ACT inaugurated its Head office on 29th March, 2011. Mr. Kapuria, shared the journey of ACMA Centre for Technology (ACT). He reinforced its role and formation, achievements to date and the future roadmap. The Chairman thanked Mr. C. Narasimhan for his valuable contributions over the years as Chief Mentor, guiding the whole ACT Team in the right direction. Mr. Kapuria then introduced Mr. Ian Smith, the new ACT-Head, he mentioned that his knowledge and experience will surely lead ACT to achieve new heights.



Inauguration of ACT Headquarters

Mr. Arvind Kapur mentioned that in today's competitive environment every customer is demanding the best quality in least possible cost and with Just-in-Time delivery.

## ACMA MIT Programme on Product Design & Development

### Product Development Leadership Executive Program, Jaipur February 8-11, 2011

The ACMA-MIT Product Development Executive Leadership Programme was organised with the objective to impart New Product Development know-how to ACMA member companies as NPD a major development effort to create a new family of products based on a new, common platform. Moreover, with the emergence as NPD as a decisive factor in global competitiveness, it is estimated that by 2015 there will be huge outsourcing potentials and great opportunities to participate in the new vehicle platform development of the Indian OEMs,

thus making this 3-days training session all the more relevant.

The participants underwent NPD training under noted MIT faculty, Professor Steven Eppinger. This research is conducted within MIT's Center for Innovation in Product Development and focuses on organizing complex design processes in order to accelerate industrial practices.

## WP.29 – World Forum for Harmonization of Vehicle Regulations

### 151<sup>st</sup> Session of WP.29, Geneva June 22-25, 2010

Indian delegation to the 151st session of UNECE WP.29 Forum comprised members from MoHI, ARAI, SIAM, TMA, ACMA. The key issues discussed at the forum included Electronic Database for the Exchange of Type

Approval Documentation (DETA); Evaluation concept for Environmentally Friendly Vehicles (EFVs), etc.

The representative of India pointed out slow penetration of new technology in the automotive sector. He said India was currently studying subjects that could be included as GTRs. The Chair invited all delegations to comments for the November session on the kind of technology available and also ways of implementing these.

### 152<sup>nd</sup> Session of WP.29, Geneva

November 8-11, 2010

The Indian delegation to the 152<sup>nd</sup> session of the UNECE WP.29 Forum comprised members from MoHI&PE, ARAI, SIAM, ACMA and TMA. Some of the key issues discussed at the forum included Environmentally Friendly Vehicles (EFV); EU Commission also informed that they have adopted a new proposal on 4<sup>th</sup> Oct



ACMA-MIT Product D&D Programme



Session of WP.29

2010 and will subsequently be finalised. Mr. S R Marathe, India informed the forum that India is in the process of notifying the WMTC in its regulation.; Subject of WLTP (Worldwide Harmonized Light Vehicles Test Procedure) was discussed where India is a co-chair of DTP Group, etc.

### 153<sup>rd</sup> Session of the WP.29, Geneva

March 7-8, 2011

The Indian delegation to the 153<sup>rd</sup> session of the UNECE WP.29 Forum comprised members from ACMA and SIAM. Days 1 and 2 dealt with the tasks of Administrative Committees 1 (AC.1-1958 Agreement) and 2. Days 3 and 4 dealt with the tasks of Administrative Committee 3 (AC.3-1998 Agreement).

### Other Programmes / Meetings

#### Workshop for SME on IT Usage, Pune & Chennai

April 6, 2010 & August 6, 2010

ACMA successfully completed several Pilot Projects with support of IT partners provided by NASSCOM. This has helped the member companies in finding the solutions to their specific needs with the deployment of IT in their industries. To further promote IT usage in the auto component sector and share the benefits achieved by the companies through these Pilot Projects, ACMA and NASSCOM jointly took the step to showcase these finding to all ACMA members in different regions. In this regard, two programmes, having subject “Open Session on Importance of ICT - Information and Communication Technology in Auto Component Sector” were organized.



Workshop for SME on IT Usage

## CHRONICLES

### National Committees

*The National Committees took new initiatives to streamline the deliverables from ACMA stable and carried out bounteous activities filled-up the year's diary of the Committees.*

#### Aerospace, Defence & Railways

*ACMA broadened its horizon to look beyond the conventional auto sector by venturing into Aerospace, Defence & Railways sectors.*

#### Interaction with & Presentation by Mr. Harvansh Batra, Director Sourcing (India), EADS India Pvt. Ltd., & Mr. Satish Kaura, Chairman & Managing Director, Samtel Group, New Delhi

July 1, 2010

During the presentation, Mr. Harvansh Batra enlightened participants on the making of Airbus which gave an overview of EADS and the rest of the world. It presented the opportunity for the Indian automotive sector in the field of aerospace.

Mr. Satish Kaura, in his presentation, brought forth the challenges, particularly for the SMEs and opportunities for auto component manufacturers in defence. He discussed the practical journey to start manufacturing work in the defence sector. Mr. Jatender Mehta, Chairman (A,D & R), ACMA, requested EADS to facilitate the process to enable ACMA members in becoming tier-1s and also provide a roadmap once the core strengths are identified.

#### Visit to Rail Coach Factory & International Tractor Ltd., Kapurthala & Hoshiarpur

January 28, 2011

In order to commence an organised initiative in Railway Sector, the Committee organised a visit to and interaction with Rail Coach Factory (RCF), Kapurthala, Punjab. The objective of this visit was to understand the business potential and component supply opportunities to Indian Railways. Mr Pradeep Kumar, General Manager, Rail Coach Factory, and his team interacted with the delegates on trends and opportunities in passenger coach manufacturing in Indian Railways (IR). The visit to RCF plant was an eye-opener and the delegates got to know about the opportunities for industry sourcing. The automobile industry can benefit from the IR growth by becoming a part of its sourcing requirements.



Interaction with Mr. Harvansh Batra and Mr. Satish Kaura



Interaction with Rail Coach Factory

The visit to RCF was then followed by visit to International Tractor Ltd. The delegation members interacted with Mr. A.S. Mittal, VC and Mr. Deepak Mittal, MD. The members visited the company's plant and interacted with Sonalika's senior management team. The company has its own R&D facility, engine division, light and heavy machining shop. The Group also has its auto components division for gears & shafts; die development unit; die development unit, press shop, etc. The management also shared its Vendor Selection Procedure.

#### Consumer Affairs & Anti Counterfeiting

*As part of the agenda drawn for the year, the Committee consistently engaged itself with The Neilson Co. for giving directions on the Automotive Aftermarket study and with E&Y for White Paper on legislative improvements to combat counterfeit Auto Components. Consumer Affairs Committee met with related*



agencies and also had regular teleconferences on the related matters. The Committee's drive against counterfeits through common raids also continued in the year.

**Release of Aftermarket Study Book & White Paper on legislative improvements to combat counterfeit Auto Components, New Delhi**

February 11, 2011

At the National Conference on Engaging with China, the Chief Guest – Shri B. S. Meena released ACMA's first-of-its-kind Study book on "Indian Automotive Aftermarket Study –2011" & a "White Paper on Legislative Improvements to Combat Counterfeit Auto Components". The Study – a primary research of the Indian automotive aftermarket was conducted by a leading market research agency – the Nielsen Company. The study estimates the replacement frequency for key automotive components across various vehicle segments and average maintenance cost during each servicing cycle and the distribution channel

across the country. The study also identifies key trends and potential changes in the automotive business landscape. The first part of the study presents the findings while the latter half provides detailed granular data in the form of tables. ACMA had also published the complete data set collected during the field study in an interactive electronic format as well. On the other hand the "White Paper" delineates the quantum of counterfeiting in the auto components in India, its adverse impact on the economy & trade and remedial measures including strengthening of legislative framework to combat the same.

**Economic Affairs, WTO & KP**

*ACMA continued direct and intensive dialogue with the Government of India on issues impacting the auto component sector. In this regard, appropriate representations were made and consultations were held across ministries and departments of the government.*

**Ministry of Heavy Industries and Public Enterprises**  
Dialogue with the Ministry of Heavy Industries and Public Enterprises continued on all important issues such as Fiscal Policy, R&D, Foreign Trade, Skill Development, Technology, etc. The MOHI & PE played a crucial role on all aspects of policy and acted as a catalyst in fostering growth in the automotive industry.

The Ministry continued its partnership and formal dialogue with industry through regular meetings of the Development Council for Automobile and Allied Industries (DCAAI). ACMA continued its active involvement in the Indo-German Joint Working Group for the Automotive Sector. The period of the Working Group was extended two years with a focus on areas such as E-mobility, Alternative fuels, Co2, Commercialization and Framework Development, Training and Skill Development.

**Ministry of Commerce & Industry**

ACMA continued its close interaction with the Ministry of Commerce and industry on various issues connected with International Trade Policy, Trade Promotion and FDI. Dialogue also took place on WTO issues pertaining to the sectoral approach under NAMA, re-manufactured goods, environmental goods, anti concentration clause, etc. ACMA was invited to join the government at the WTO meetings held in Geneva in this regard. ACMA also represented the interests of the Indian auto component sector at the WTO Ministerial held in Geneva during the last year. Regular consultations also



Release of Aftermarket Study Book



Guests releasing the White Paper on legislative improvements to combat Counterfeiting

## CHRONICLES

took place on aspects connected to the various FTAs under negotiation, especially on the coverage of the products and the rules of origin. During the year the Department of Commerce also accepted ACMA's application and the association received recognition as one of the approved trade bodies that may avail MAI schemes for the benefit of auto component industry.

### Fiscal Policy

On the fiscal policy front, ACMA continued with its established practice of providing specific suggestion to the Ministry of Finance for the Union Budget. ACMA also sent its views and made specific suggestions pertaining to issues such as Drawback etc. ACMA also highlighted to the Government, the cost disadvantage borne by the industry due to the "external factors" which was eroding the competitive position of the industry. ACMA further continued its closed dialogue with NMCC on various issues that have been impacting the industry.

### Planning Commission

ACMA has increased its engagement with the Planning Commission. The association is now represented on a number of the working groups / sub groups formed by the Planning Commission in preparation of the 12th Five Year Plan for 2012-2017. The focus areas essentially pertain to the Automotive Industry, Skill Development, Labour Flexibility, Manufacturing Technology, Exports, MSME, and the like.

### Knowledge Partner

The ACMA Knowledge Partner - Ernst & Young continued to provide knowledge based services to the association during the year. Services by Ernst & Young include regular updates and reports on Taxation, Commodity prices, statistical updates to include Import & Export trends, Financial Analysis of the sector, etc. The KP also assisted the association in its representational work by preparing specific representations and reports pertaining to Forecasting – "Vision 2020", Union Budget, Export Promotion schemes of the government, need for Technology Upgradation in the auto component industry, and the like.

### Globalisation & India Brand Building

*ACMA's outreach to international domain scaled new heights by deployment of Committee's agenda to enhance internationalisation of member companies; facilitate exports and information sharing & learning.*



Delegation from Japan



Swedish Auto Parts Trade Delegation

## Incoming Delegations/ Meetings

### Meeting with Delegation from Automotive Parts & Accessories Retail Association (APARA), Japan, New Delhi

September 13, 2010

A 20-member delegation from the automotive aftermarket industry of Japan led by Mr. Koichi Sumino – Chairman, AAAL & Chairman, APARA, had their maiden visit to India. The objective of the delegation was to study and understand the Indian automotive market and the opportunities. The composition of the delegation was leading global aftermarket distributors/retailers. Mr. Arvind Kapur, Vice President, ACMA, made a presentation on Global Competitiveness of Indian Auto-Component Industry & its Sustainability. In his presentation, Mr. Sumino highlighted the aftermarket industry of Japan and mentioned that the Japanese automotive aftermarket industry was witnessing a downward trend and the companies in Japan are looking at overseas location to set-up plant or to transfer the technologies to other countries which will help them survive.

**Meeting with Swedish Auto Parts Trade Delegation, New Delhi**

October 25, 2010

FKG (ACMA's MoU Partner earlier known as SASA) brought 11-member delegation from 9 auto component companies to India from October 25-29, 2010. The broad objective of the delegation was to 'Build Partnerships through Joint Ventures/ Technology Transfer and the possibility of Product Export / Import / Sourcing, etc. Mr. Rattan Kapur, Chairman (NR), ACMA, made a presentation on Indian auto component industry – Opportunities Unbound followed by which a presentation was given by Mr. Svenåke Berglie, Managing Director, FKG on the Swedish Automotive industry.

**Delegation from JAPIA, Osaka, Japan, New Delhi**

February 14 -15, 2011

JAPIA (ACMA's MoU Partner) brought a 13-member delegation from 11 auto component

companies to India. The broad objective of the delegation was to learn the latest auto industry status in India and also to exchange information concerning auto and auto-component industries in both countries. Mr. Jayant Davar, Immediate Past President & Chairman – Globalisation Committee & India Brand Building, ACMA, met Shitanaka san, leader of the JAPIA delegation Kogi San, deputy leader of the mission and other delegation members. Mr. Davar, made a presentation on the Indian automotive industry and opportunities followed by which a presentation was given by Mr. Yutaka Masuda, Branch Manager, JAPIA on the Japanese Automotive industry. ACMA supported the delegation, by organizing two plant visits; business meetings.

**IPO Forum**

**2nd All India IPO Suppliers Conference, Chennai**  
February 3, 2011

At the Inaugural session, Mr. Bijoy K. Bose, VP (India Sourcing) Cummins Ltd. briefed about the forum's initiative and objectives to develop a platform to discuss common issues between the IPOs and suppliers in India and to examine how to further strengthen the network and to bring new opportunities to grow the export of automotive components from India in the future.

Mr. Jayant Davar, Immediate Past President & Chairman – Globalisation Committee & India Brand Building, ACMA, mentioned that the 2nd Conference of its kind shows encouraging response from both partners which highlights the importance of continuing such initiatives that is facilitating the industry in outreaching international domain and addressing the opportunities in establishing linkages through this forum.

A CD on "A Guide to improve supply chain effectiveness" was released at the Conference. The Panelists at the conference were Mr. Reinhold Hierl, Director International Purchasing, BMW India, Mr. Nilesh Shah, Director – SFO, GM India, Mr. Jayant Davar, Immediate Past President & Chairman – Globalisation & India Brand Building & Mr. F.R. Singhvi, Joint Managing Director, Sansera Engineering Pvt. Ltd. The Panel also discussed the current scenario, India compared to other LCC destinations, Role of IPO / Role of Suppliers, Strengths of India Sourcing, Areas of Improvement.



2nd All India IPO Suppliers Conference



Delegation from JAPIA

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### Outgoing Missions

#### CEOs' Delegation to Israel: Tel Aviv

July 10-14, 2010

ACMA organised its maiden CEOs' Delegation to Israel which was led by Mr. Jayant Davar, President, ACMA. The mission programme included Meeting with Indian Ambassador To Israel H.E. Mr. Navtej Sarna; Presentation of Israel's Automotive Industry by Mr. Uri Pachter, Director-Automotive Industries, Israel Export & International Cooperation Institute (IEICI); Seminar on Indian Automotive Industries and Exhibition of Israeli Auto Components Products / Technology Suppliers; Meeting with Mr. Sharon Kedmi, Director General, Ministry Of Trade & Labor. The members visited Tadir-Gan Group, Better Place Centre, Technion-Israel Institute of Technology and Plasan-Armoured Vehicles. The mission members agreed that there are a lot of opportunities for the Indian Auto component manufacturers with the Israeli companies.



CEOs' Delegation to Israel

#### CEOs' Mission to Germany: Munich, Frankfurt, Wolfsburg, Wörth

November 22-26, 2010

In order to strengthen the existing linkages as well as to bring to fore new opportunities for its members, ACMA decided to mount a CEOs' Mission to Germany. The mission was led by Mr. Srivats Ram, President, ACMA. The deputy leader of the mission was Mr. Arvind Kapur, Vice President, ACMA.

The visit included visit to Continental Group, Regensburg; Volkswagen AG, Wolfsburg; BMW, Munich; Sona BLW Präzisionsschmiede; Fraunhofer Institutes and Daimler AG, Wörth. The delegation also interacted with Indian Consul General Mr. Anup Kumar Mudga and Mr. Hans Remsing, Deutsche Bank. E&Y also made a presentation by E&Y on German Automotive Industry.



CEOs' Mission to Germany

#### CEOs' Delegation to China: Beijing & Shanghai

March 7-12, 2011

The CEOs' Mission to Chinawas led by Mr. Srivats Ram, President, ACMA. The delegates interacted with Indian Ambassador to China H.E. Dr. S. Jaishankar. Grandall Legal Group (Beijing) did a presentation on basic legal framework for doing business in Chinese automotive industry. The mission members visited Beiqi Foton Motor Co. Ltd.; Great Wall Motor Company Ltd.; Saic

Motor Corporation Limited.; Yanfeng Visteon Automotive Trim Systems; Faurecia Automotive Systems Co. Ltd.; Fuyao Group Shanghai Automobile Glass Co. Ltd. and Sundaram Fasteners plant at Jiaying, Zhejiang. Seminars on "Exploring Opportunities for India-China Co-Operation in the Auto Components Sector" in Beijing and Shanghai were organised. The delegates also met with Shanghai International Automobile City.

### New Initiatives

#### ACMA-ISB Business Excellence Leadership Programme, Hyderabad

March 13-16, 2011

ACMA had been working with ISB, Hyderabad to design & develop a unique program to address a specific need of the industry and signed an MoU with ISB, Hyderabad. Keeping in view ACMA's need to delineate industry challenges of globalization; strategizing and adapting a global mindset, ACMA and ISB

jointly organised a Business Excellence Leadership Program on "Winning in the flat world: Strategies to Meet the Globalization Challenges".

This initiative was led by Mr. Harish Lakshman, Program Chairman & Chairman, ACMA (SR), ACMA. Mr. Lakshman and many Senior ACMA members helped to design and develop this program. The program broadly covered Strategy: What, Why and How; The World as a Market; and Leading Transformation. Numerous industry Thought leaders addressed the participants and shared their perspective and gave an insight of Globalisation. It was felt that such unique program could be continued in the near future.

### Human Resource

*Against the backdrop to sustain and grow in a high quality and price sensitive market; to make automobiles and its ancillary industry – an industry of choice for skilled labour, engineers and managers and thereby attract, retain talents and inculcate a performance*



Mission to China



ISB Leadership Program

*culture amongst its entire workforce and to minimize the 'influence' of negative unions amongst its workforce, ACMA-HR Committee conducted numerous programmes to strengthen the industry.*

### Seminars / Conferences

#### Seminar on "Performance Excellence Through People Processes" in Chennai

April 20, 2010

An HR cluster on the lines of the manufacturing cluster should be initiated by ACMA said Mr. F.R. Singhvi, Chairman – HR Committee of ACMA at the Conference on Performance Excellence through People Processes. The conference was designed to address the complete life-cycle of an employee in a company, said Mr. Singhvi. Mr. Harish Lakshman mentioned that the programme was developed with an objective of sharing knowledge and ideas of enhancing overall performance excellence.

Speaking on the event related topics Mr. Shekhar Arora, Executive Director- HR, Ashok Leyland Ltd.; Mr. Richard Lobo, Corporate HR Manager – Employee Relations, Infosys Technologies Ltd.; Mr. A. Krishna, VP (HR), Bosch Ltd.; Mr. V. Madhavan, Deputy Managing Director, Mando India; shared their company systems. It was suggested that a HR Cluster be formed from within the industry players which could meet/interact exchange mails on HR issues and share experiences and best practices. This could be followed up with an E-HR Forum be initiated through ACMA website.

#### Seminar on "Performance Excellence Through People Processes" in Jamshedpur

December 18, 2010

The National Committee of HR along with ACMA(ER) organised a one-day Conference on "Performance Excellence through People Processes." In his opening speech, Mr. Killol Kamani, Chairman, ACMA(ER) and MD, Samarth Engineering Co. P. Ltd, said that the current human resource departments, take more responsibilities as they also discuss the strategic planning of a business with top executives. Mr. Debabrata Dash heading HR Systems, Processes & Interventions at Tata Motors Jamshedpur; Mr. S.K. Venkatram, GM, Operations, Sansera Industries P. Ltd.; Dr. Jittu Singh, Senior Professor, XLRI; Mr. Pranotosh Bhattacharjee, Head HR, RSB Transmissions (I) Ltd., covered topics on were attracting and retaining talents,

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performance measuring process- measuring performance, measuring behavior, compensation and recognition and sustaining high performance.

### Conference on “Effective HR Practices”, Pune

January 20, 2011

ACMA (WR) organized a conference on "Effective HR Practices", to learn effective HR best practices. Dr. S.V. Bhawe, Vice President (HR), Bharat Forge Ltd.; Mr. Amit Dogra, General Manager (HR), General Motors India; Dr. Vishwanath Lele, Vice President (HR&IR), Deepak Nitrite Ltd.;

Dr. Mukund Vyas, Vice President –Corp. Development Executive–Regional Hub of Siemens AG, South Asia, Siemens Ltd.; Mr. Ramchandra Rao, Executive Director, Eaton Industrial Systems Pvt. Ltd.; talked on important areas of effective HR Practices.

### HR Forum

#### Northern Region - Environment Week

June 5-11, 2010

As a small step towards “Save Environment”, ACMA's HR Forum celebrated Environment Week from June 5-11, 2010. The celebrations during the week included Seminar on "The Call of Time - Living in Harmony with Nature"; Plantation Drive at Manesar and Inter-Unit Competition of Posters, Slogans & Poems related to Environment Safety within its membership.

### Western Region - Launch of HR Forum, Pune

January 20, 2011

Paying due attention to the area of Human Resource management which is being viewed to play a significant role in times to come, an HR Forum was launched in the Region under the umbrella of ACMA HR Committee. Speaking on the occasion, Mr. F.R. Singhvi, Chairman- HR Committee, ACMA, said that there is need to strengthen HR in auto component industry. Mr. Singhvi opined that HR & IR should be looked as two separate subjects as HR is related to development of human resource whereas IR is more related to legal issues. The focus should be employee performance, training people for improvement and sustain the improvement, Mr. Singhvi said.



Conference on Performance Excellence through People Processes



Conference on Effective HR Practices

## Information Technology

The IT Committee organised copious programmes to facilitate and increase adoption of Information and Communication Technology (ICT) solutions at member firms that will help ACMA achieve the 20:20:1 plan.

### Workshop on IT for SMEs – Shop Floor to Top Floor, Chennai

August 6, 2010

The IT Committee of ACMA in association with ACMA (SR) and NASSCOM organized a 1-day workshop focusing on Business Solutions for leaner operations in terms of improving shop floor/office productivity, quality of processes and at the same time giving a real-time pulse of organization's performance. The programme also included a visit to Dell Computers facility with a view to facilitate cross learning on how IT is being used by world class companies to manage supply chain. The Workshop titled “IT Business Solutions – Shop Floor to Top Floor” included case study presentations and sharing of experiences by the

service providers and implementers from within the industry on low cost Real-time Manufacturing Execution system, ERP as Service, Open source ERP and Visual Dashboard for Executives.

Speaking at the occasion, Mr. Ravi Machani, Chairman – IT Committee, ACMA, mentioned that ACMA in its mandate had identified educating and enabling its members with user friendly and affordable IT solutions through a defined road map, particularly for the SMEs. The Committee had worked closely with a few members of ACMA and various solution providers to address the various needs of the auto component industry with regard to IT.

In a case study presentation on Enabling Operational Excellence for Component Manufacturing, Mr. S. Srinivasan, CIO, Sundram Fasteners Ltd., mentioned that ERP was now being used for Factory Planning Across Geographical Boundaries. Citing example of Sundram Fasteners, which was a 'conglomerate' of small and mid-size companies, he mentioned the company was able to deal with OEMs with flexibility while planning its activities with time limits. The other companies which made presentations on pilot projects with the auto sector were Arteria, Defiance Technologies, OpteBiz, Ramco, and Sysfore Technologies.

**ACMA-IT Committee- Northern Region & NASSCOM Workshop on “Shop Floor to Top Floor”, Gurgaon  
December 17, 2010**

The IT Committee of ACMA in association with ACMA Northern Region and NASSCOM organized a Workshop on Shop Floor to Top Floor – Information and Communication Technologies. The workshop included presentations from leading IT solution providers on topics such as Cloud Computing and sharing of experiences by ACMA member firms, with the objective of sharing the ideas that could help improve productivity, quality, cost and delivery of operations.

Mr. Anand Ramakrishnan, GM - Cloud Computing Services, Wipro Infotech; Mr. Rahul Shandilya- Head Global Services Asia Pacific, Tata Technologies; Mr. Abhay Bakre,

Joint Development Commissioner, Ministry of MSME, while addressing the gathering, shared their experiences on the event subject.

Mr. S. Srinivasan, CIO, Sundram Fasteners Ltd., made a case study presentation on Enabling Operational Excellence for Component Manufacturing, which was then followed by a visit to Maruti Suzuki India Ltd. To facilitate cross learning on how IT is being used by world-class companies to integrate various processes and manage supply chain, mentioned Mr. Ravi Machani, Chairman – IT Committee, ACMA.

**Raw Materials**

*The Committee has regularly been interacting with material suppliers for interaction on material related issues of the membership. The activities have been conducted by plant visits, material specific meetings, liaising with concerned ministries and through seminars on specific materials. ACMA has also attempted to collect information on material consumption pattern of the industry in the past to understand key grades of various materials used, their quantum, source and problems linked with procurement. The Raw Material Committee continued to address issues on these lines and will further explore other initiatives that need to be taken to assist members.*

**Visit to & Interaction with Tata Steel Ltd, Jamshedpur  
January 10, 2011**

Coinciding with the Executive Committee meeting in Jamshedpur, ACMA, also had an interaction of the EC and members, Raw Material Committee with Tata Steel, Jamshedpur. Mr T Narendran, Vice President (Flats), Tata Steel, gave an overview on the Tata Steel production facilities and its expansion plans. The interaction, he said, would enable members ACMA understand the Tata Steel production plans specifically for automotive steel requirements. Talking on the overall domestic steel scenario, Vice President, Tata Steel, felt to specifically cater to the automotive requirements, focus of Tata Steel would remain on high strength steel in keeping with future emission norms.

Speaking on the delegation's visit to Tata Steel, was the first interaction of the year, Mr. Srivats Ram, President, ACMA, addressed on the growth potentials of the automotive sector with challenges common to both the sectors. The component industry, he said, was keen to understand Tata Steel's plans specifically catering to small members' requirements. ACMA delegation was

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also taken for a tour of the plant. Members visited the pickling line & tandem cold mill, 100% hydrogen batch annealing line and also the automotive galvanizing line of Tata Steel which is the only one in India .

### Skill Development

*With the backdrop, to involve the membership in all aspects of skill development, the Committee worked closely with government and counterpart associations in playing a significant enabling role in some of the support services.*

#### Visit to Saint Gobain Skill Development Centre, Sriperumbudur

November 26, 2010

A visit to Saint Gobain was organised by ACMA Skill Development Committee. The programme started with the company movie. Dr. Sreeram Srinivasan, Deputy Chairman, Skill Development Committee - ACMA and his team have given inspiring presentations apprising members about the Skill Development initiatives at Saint Gobain which started in 2006.

The key learning from the visit included a need of clear vision and strategy with the focus on the objective to skill people, investment, know-how about training needs, etc. Any organisation can try and develop Skill Development Centre within their premises with the right infrastructure as its advantageous to have own Skill Development Centre as the organisation can make modules as per their requirements and keep updating time to time. With this initiative, it will help component industry to bridge the gap of skilled and unskilled workforce to some extent.

### Small & Medium Enterprises

*To help SMEs align themselves in the changing scenario and to meet the overall automotive industry target as envisaged in the AMP 2016 / Vision 2020, the ACMA-SME Committee conducted numerous events.*

#### Seminar on Sources of Finance for Small and Growing Businesses, New Delhi

July 27, 2010

The SME Committee organized a one day seminar on "Sources of Finance for Small and Growing Businesses". Mr. Kirti Rathod, Chairman, Small and Medium Enterprises, ACMA, said that SMEs unprecedented



Visit to Saint Gobain Skill Development Centre



Seminar on Sources of Finance on Small and Growing Businesses

growth in 2008 has followed a recessionary trend in the last two years. The industry, particularly the SMEs, were severely hit and the banks came forward with various financial packages.

The seminar highlighted on various services being offered by a cross-section of banks and institutions.

The Small Industries Development Bank (SIDBI) has in the offer a number of direct assistance schemes for SMEs. In her presentation, Mrs Paramjot Kaur, DGM, SIDBI, gave a detailed overview of the key SIDBI schemes and terms of assistance under the Direct Assistance Scheme.

On the non fund based credit requirements, SIDBI offers guarantee and letter of credit facilities to its customers. SIDBI has also tied up with SMERA for a third party rating in India for MSMEs. The bank has also launched green rating for MSMEs for the first time in the country. In his presentation on "Accessing Financial and Technical Assistance under Government Schemes", Mr. Madhav Lal,



Additional Secretary, Ministry of Micro, Small and Medium Enterprises, highlighted on the key programmes initiated by the Ministry specifically for the MSMEs.

In his presentation, Mr. Rajiv Chawla, President, Faridabad Small Industries Association suggested members to look for a common solution and be transparent with the balance sheet. Speakers from Punjab National Bank, Mr. Mukesh Jain, Chief Manager and Mr. Naresh Kumar, Chief Manager gave participants an update on PNB bank services. Mr Amit Tuteja, Manager, Marketing, NSIC, gave a presentation on behalf of NSIC. There were many take away from this one day seminar particularly in terms of information and eligibility.

**Seminar on “Schemes available for SMEs: Opportunity to Seize”, Pune**

August 20, 2010

There are a range of schemes, particularly designed for SMEs, in diverse areas, viz.

Finance, Technology, Innovation, Market information, Risk management and developmental assistance. These schemes are important in facilitating the growth of SMEs. To know and understand the schemes better, ACMA WR organized a Seminar on “Schemes available for SMEs: Opportunity to Seize”. Mr. Kirti Rathod, Chairman-SMEs Committee, ACMA & Executive Chairman, Luxite Industries Ltd., said that SMEs in the auto component sector are one of the fastest growing within the SME category of industries. Cost competitiveness, fast changing technology, lack of awareness of business opportunities are some key factors the SMEs in the auto component sector will have to imbibe to survive the competition. Presentations were made by SIDBI, ECGC, NSIC, Banks and NSIC approved Credit Rating agency ONICRA on various schemes available for SMEs. SIDBI has designed a special Technology up-gradation loan for SME sector at a very competitive rate of interest.

**Jointly with NR-SME Seminar on “Procedure for Obtaining Financial Assistance from SIDBI & MSME for SMEs”, New Delhi**

December 13, 2010

ACMA-SME Committee organised a SME Seminar on Procedure for obtaining financial assistance from SIDBI & MSME for SMEs. Mr. Sunil Arora, Chairman - SME Committee & Joint Managing Director, Abilities India Pistons & Rings Ltd., welcomed the speakers, viz. Mr. Dharmendra Prakash, Jt. Development Commissioner, Ministry of MSME, Mr. Ramesh Dharmaji, General Manager, SIDBI – Mumbai & Ms. Anubha Prasad, Asst. General Manager, Northern Zonal Office, SIDBI. The seminar was focused on the procedure for obtaining the financial assistance under numerous schemes like Credit Linked Capital Subsidy Scheme (CLCSS) Scheme; Credit Guarantee Fund Trust for Micro & Small Enterprises (CGTMSE); Bar Code by MSME; etc.

**SME Workshop on Business Strategy, Planning & Organisation Structure, New Delhi**

March 9, 2011

Mr. Sunil Arora, Chairman - SME Committee & JMD, Abilities India Pistons & Rings Ltd., said the workshop had been designed specially for the SME member companies of ACMA in order to enable them develop basic foundation of such managerial practices that would help the SME entrepreneurs to appreciate corporate planning, strategic management and organizational structure better, he reiterated.



Seminar on Schemes available for SMEs



Seminar on Procedure for obtaining Financial Assistance for SMEs

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The faculty, Mr. M K Pajan, Advisor, Abilities India Pistons & Rings Ltd. & Dr. Sumit Roy, Counsellor – Business Process Improvement & TQM, Pune, gave a presentation on the Business Process Improvements & TQM. Some of the topics covered in the presentation were: current scenario of the auto component industry in India – its opportunities, challenges and threats; technological trends in automotive industry; building blocks for becoming a world class organization by creating a common vision, mission and great values in the organisations; Focus areas for the senior management in SMEs; daily work management and how to set the responsibility & the accountability amongst the employees; centralisation and decentralization of decision making and employee empowerment and managerial control, etc.

### Sustainable Development

*To promote, adopt and adapt to sustainable technologies within ACMA members, the Committee continued sharing and learning from the best practices being followed by various organizations.*

#### Visit to Solar Semiconductor Pvt. Ltd. & CII-Green Business Centre, Hyderabad

April 6, 2010

A visit to Solar Semiconductor Pvt. Ltd. and the CII – Green Business Centre was organized. During the visit to Solar Semiconductor P. Ltd., one of the solutions that could be viable would be the roof top solutions to optimise the available area and tap the solar energy. The power could suffice the internal lighting needs in the offices and work areas. While initial investment may seem large, the power generated after the payback period would be absolutely free. The company also showed solar powered house and water pumping station constructed within its campus.

The CII Green Business Centre – India's first Platinum rated building saw members witness how the building had tapped natural resources of power and water to optimal use. Almost the entire building was lit with natural lighting. Use of special species of plants ensured water purification which was then used for gardening purposes. The GBC had also made use of roof top solar power solution for some of its power needs.



Workshop of Business Strategy, Planning & Organisation Structure



Visit to CII Green Business Centre

#### Visit to Reva & GE John F. Welch Technology Centre, Bangalore

April 19, 2010

The ACMA Sustainable Technology Development Committee along with ACMA (SR) and the YBLF organised a delegation to visit Reva Electric Car Company Pvt. Ltd. and GE John F. Welch Technical Centre.

Mr. Chetan Maini, Deputy Chairman & CTO, Reva Electric Car Co. Pvt. Ltd., mentioned that with the global realisation of future vehicles going electric, there is a sudden surge in activity in the area of electric transportation mode. Interacting with the ACMA team, Mr. Girish M Rakhe, President – Indian Operations, Reva Electric Car Co. Pvt. Ltd. shared the evolution of different technologies for green transportation through his presentation. The members visited the existing plant and saw the assembly of the Reva and the various tests the car went through.

During the interaction at GE- John F. Welch Technical Centre members were given information on the various aspects of discovery, growth, productivity and sourcing of the various materials. The delegates were taken on a tour of the Physical Test Lab (UL, Electrical, Mechanical, Thermal and rheology), Compounding Facility (Different Extruders), Molding capability (injection molding machines), Ageing Lab (heat ageing), Weathering Lab (UV and Xenon-arc weatherometers), Optical, Creep and Pvt. lab, Chemical Resistance Lab (ESCR Test), Polymer Synthesis Lab, Chemical Analysis (Wet chemistry), Microscopy and Surface Analysis (morphology, scratch and mar resistance).

Earlier at Reva, Mr. Arvind Balaji, gave a brief overview of ACMA & its services and the objective of the Sustainable Technology Development Committee and that of the delegation in particular. Mr. Sandip Mehta, Member Regional Committee and Sustainable Technology Development Committee



Visit to Reva



Workshop on Emission Standards and their Potential Impact

introduced ACMA at the GE JFWTC and the objective of the Sustainable Technology Development Committee and that of the delegation in particular.

**Workshop on Future Direction of Emission Standards and their Potential Impact on the Automotive Supply Chain, Pune**

February 7, 2011

A Workshop on “Future Direction of Emission Standards and Potential Impact on the Automotive Supply Chain” was organized at the Kothrud facility, Cummins India Ltd. Mr. Craig A Barnes, Chief Technical Officer, Cummins India, in his presentation gave an overview of how Cummins kept its technology updated Mr. B.K. Bose, Vice President-Outsourcing, International Purchasing Organization, Cummins India Ltd., briefed on Cummins and its businesses. Mr. Arvind Balaji, Chairman-STDC Committee, ACMA, mentioned that the workshop was aimed at providing an understanding from the leaders in engine technology on the future directions, what its impact would be on the automotive and the auto component industry in particular and the suggested way forward for the component industry to align itself to meet customer expectations, he said. The workshop also included a visit to the Shop Floor which included a visit to the R&D Labs. Best practices on Six Sigma, Kaizen were shown during the visit. Cummins also had adopted the “Cummins Operating Systems” world-wide.

**Trade Fairs**

*In the past ACMA has organised several group participation in many international trade shows which has further enhanced business opportunities for the participating companies. The group participation is done through display of Products and Catalogue in both OE and aftermarket. The Government support and presence has further leveraged the India Brand with better projection as well as larger visibility.*

**Overseas**

**Thailand Auto Parts & Accessories (TAPA) Show, Thailand**

April 28-May 2, 2010

ACMA participated at the TAPA 2010 being organized by Department of Export Promotion (DEP), Ministry of Commerce of the Royal Thai Government and Thai

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Auto-Parts Manufacturers Association (TAPMA), Counterpart association of ACMA in Thailand. ACMA had joint stand participation at the Thailand Auto Parts and Accessories-TAPA 2010.

On the inaugural day the Chief Guest, Asst. Prof. Veerasak Jinarat, Vice Minister of Commerce, Royal Thai Government, and Deputy Director General, Department of Export Promotion (DEP), Ministry of Commerce - Royal Thai Government and other accompanying delegates visited ACMA Joint Stand and were appreciative of the India Projection. Mr. Madhukar Asnani, First Secretary - Commerce, Embassy of India, Bangkok visited the ACMA Joint Stand and interacted with ACMA exhibitors. ACMA through its information booth at the show disseminated information on the Indian Auto Component Industry.

Mr. Jayant Davar, President, ACMA, also visited the show and interacted with participants, enquiring about the show and their concerns. Later, Mr. Davar, interacted with TAPMA Vice President Ms. Achana Limpaitoon. The members received business visitors mainly from the aftermarket. The exhibitors were of the opinion that for future shows ACMA along with TAPMA and DEP should try to arrange visits from OEMs like Honda, Toyota, Nissan and other key players of the Thai Automobile Industry. The member's feedback was shared with the fair organiser DEP & TAPMA.

### Group Participation at 63rd IAA Commercial Vehicle Show, Hannover, Germany September 23-30, 2010

ACMA for the second time organised a joint participation of its members at the 63rd Internationale Automobil Ausstellung (IAA - World's Largest Commercial Vehicle Show) held at Messe-Hannover, Germany, organised by ACMA's counterpart in Germany Verband der Automobilindustries (VDA).

A senior level India delegation led by Mr. B.S. Meena, IAS, Secretary, Ministry of Heavy Industries and Public Enterprises, GoI along with senior officials from the Industry joined the delegation. Dr. Pawan Goenka, President, SIAM and Mr. Srivats Ram, President, ACMA also joined the delegation and participated at the India Day and visited IAA Motor Show. India day was organised on 24th September, 2010, by VDA with the support from ACMA and SIAM. More than 180 people attended this event. The other key events at 63rd IAA 2010 included September 21st and 22nd were organised



ACMA at TAPA Show



Participation at IAA Commercial Vehicle Show

as the Press Days; Opening ceremony on 23rd September, 2010.

At the India Day, Mr. Matthias Wissmann, President of the German Association of the Automotive Industry (VDA), in his address informed the delegation that India and Germany share common challenges which need to be addressed jointly. Mr. B. S. Meena briefly touched upon the current status of the Indian Auto Industry and its future perspective. Dr. Pawan Goenka made a presentation, and highlighted the role of SIAM which is the apex national body similar to VDA and informed the delegates that SIAM has a responsibility in addressing Emissions, Climate Change, Energy Security and Safety. Mr. Srivats Ram briefly touched upon the AMP (Automotive Mission Plan 2016). ACMA Commissioned 2020 done by E&Y in which efforts have been made to project for the Industry (for different segment by 2015 and 2020).

Mr. Abhay Firodia, CMD, Force Motors, suggested that in order to affect the DNA of the manufacturing system in India, the German

companies on the other hand can bring the dual training system which can help the Indian Companies working on Collaboration, JVs tremendously. Mr. Andreas von Stechow, Ambassador, Federal Foreign Office informed the audience about the various facts about the multilateral trading systems and the impacts of WTO on global trade.

Mr. Vikram Gulati, Director, MoHI&PE, GoI, informed the delegates about the Indo-German Joint Working Group and briefed about the working of this committee and the idea of setting up of this committee. The participating companies from India were also given an opportunity to make a short presentation about their companies and products during the India Day.

On 24th September, 2010, Mr. Srivats Ram, President, ACMA hosted a Cocktail Dinner, where Mr. B.S. was the Chief Guest. All the delegate members along with officials from VDA were also invited for the dinner apart from the Indian Exhibitors at ACMA joint stand.



Tehran International Auto Parts Fair



Participation at India Show, 2011, Brazil

### Tehran International Auto Parts Fair, Tehran, Iran November 18-21, 2010

The ACMA joint stand participation was organised at the Tehran International Auto Parts Fair. The 5th Iran International Auto Parts Exhibition was inaugurated by Iran's Minister of Industries and Mines Mr. Ali Akbar Mehrabian. ACMA through its information booth at the show disseminated information on the Indian auto-component.

On the first day of opening of the Exhibition, the ACMA Stand was visited by Indian Embassy officials led by H.E. Mr. Sibi George the Deputy Chief of Mission to Iran. Mr. C O Thomas, First Secretary invited all the exhibitors for dinner at his residence to interact with the exhibitors and to know more about the auto component trade between the two countries.

The Indian stand was visited by delegations from purchase department of ISACO and Mega Motors. They interacted with the exhibitors and also shared with ACMA about their business plans with Indian auto component manufacturers.

### Group participation at India Show 2011, Brazil March 11-14, 2011

The India Show took place in Sao Paulo, Brazil. The show was organized by Confederation of Indian Industry (CII), Embassy of India, Brazil with the support of Ministry of Commerce, Government of India. Many Indian companies participated in this show from all the major sectors like automotive, auto-component, oil and gas, textile, etc to show the capability of the Indian manufacturing sector. During the inauguration, ceremony including Mr. Noel Tata, etc. following the inauguration there was a Seminar which saw Mr. Alessandro Teixeira, Executive Secretary of the Development, Industry and External Commerce Ministry, Brazil; Mr. Geraldo Rinaldi, Sincoprecas, Brazil; Mr. Roberto Paranhos do Rio Branco, President, India Chamber of Commerce, Brazil and Mr. Renato Teixeira, Director, Petrobras, Brazil. It is also felt by the members that in order to have a presence in Brazil, companies should have a representative office in the country that would help companies to have successful business relations with their Brazilian counterparts.

## CHRONICLES

### Young Business Leaders' Forum

*The Young Business Leaders' Forum, ACMA's response to address the challenges of mentoring the next generation continued its exciting journey to enrich globally.*

#### Interaction with Mr. R C Bhargava, Chairman, Maruti Suzuki India Ltd., New Delhi

April 23, 2010

YBLF organised an interaction with Mr. R C Bhargava in New Delhi. Mr. Pranav Kapuria, National Co-ordinator, YBLF and Dy. MD, Hi-Tech Gears Ltd. gave an overview of YBLF and its activities. Speaking on the occasion, Mr. Sanjay Labroo, Chairman-YBLF and MD & CEO, Asahi India Glass Ltd. spoke of his long and wonderful association with Mr. Bhargava and emphasised on the Maruti project conceived in early 80s and the crucial role played by Mr. Bhargava. Mr. R C Bhargava shared his personal career details with the participants and emphasised the key role to be played by the younger CEOs for running their companies successfully.

#### Mission to Istanbul & Bursa, Turkey

June 14-18, 2010

ACMA organised the mission with the help of TAYSAD, OSD and the Indian Consul General. During the trip ACMA Mission, members met with Mr. Vanlalhuma, the Indian Consul General in Istanbul, Turkey, who gave an overview of Turkey and particularly the automotive industry. The delegation met with ACMA's counterpart - TAYSAD, where Mr. Celal Kaya, President; Dr Mehmet Dudaroglu, Vice President and Ms. Ozlem Gulsen, Secretary General of TAYSAD, interacted with the mission members.

OSD (Otomotive Sanayii Dernegi – The Automotive Manufacturers Association) interacted with the YBLF members. The representatives of the Turkish based bus and truck manufacturers, namely – TEMSA & BMC also interacted with the members.

The YBLF team interacted with Uludag Exporters' Association (UIB) where Mr. Engin Maybek made a presentation on Turkish automotive industry & UIB. The members visited Baycelik Gestamp (co. into die designing and casting with sheet iron shaping activity); Bosch; Turkish based auto component manufacturing company – Coskuno; Oyak-Renault Otomobil Fabrikalari. The members also visited Ford Otoson and



Interaction with Mr. R. C. Bhargava



Mission to Turkey

the Research Centre – OTAM- the Automotive Technology Research and Development Center. ACMA-TAYSAD, had arranged one-to-one interaction between the members of the two associations.

#### Visit to Mahindra & Mahindra Chakan Plant, Pune & Interaction with Dr. Pawan Goenka, President, Automotive & Farm Equipment Sectors & Member, Group Executive Board, M&M Ltd., Mumbai

July 26, 2010

During the visit to M&M Chakan Plant (Pune), Mr. Louis Pereira, CEO; Mr. Vijay Dhongde, Chief Operating Officer and other Members of the Management of Mahindra Vehicles Manufacturers Ltd. interacted with the ACMA-YBLF members and made presentations on the production activities and the company HR policies. The presentation was followed by a tour of the plant.

The plant visit was followed by interaction with Dr. Pawan Goenka, President, Automotive & Farm Equipment Sectors & Member, Group Executive Board, Mahindra & Mahindra Ltd. at Mumbai. Dr. Goenka shared his own experiences at Mahindra & Mahindra and how M&M Chakan Plant made as an excellent facility. Answering about turning around the existing plants with modern facilities, Dr. Goenka mentioned that M&M Nashik plant was also upgraded to the level of Chakan plant



Interaction with Dr. Pawan Goenka



Visit to M&M



Interaction with Mr. Nemish Shah & Mr. Durgesh Shah

to ensure level playing field. The company has set a stringent HR policy right from the recruiting stage itself. Dr. Goenka also shared the learning and experiences that M & M gained from the JV partnerships with the young entrepreneurs.

**Interaction with Mr. Nemish Shah & Mr. Durgesh Shah, Pune**

October 9, 2010

ACMA- YBLF organised a one day visit to & interaction with Mr. Nemish Shah & Mr. Durgesh Shah – the financial experts at their Flame University, Pune. Mr. Nemish Shah and Mr. Durgesh Shah are world-class value investors who can be compared to Mr. Warren Buffett and Mr. Charlie Munger. Ms. Indira Parikh, the Dean of the College gave an overview of the courses offered in the college and its activities. Addressing the participants subsequently, Mr. Sanjay Labroo, Chairman & Chief Mentor, YBLF, highlighted the findings of Vision 2020 Report released by ACMA. Mr Nemish Shah & Mr Durgesh Shah made a Presentation on the overall macro picture of Indian economy and its companies.

**Interaction with Mr. Chaand Sehgal on “How to manage partnerships and how to go Global”, Gurgaon**

February 19, 2011

YBLF organised an interaction with Mr. Chaand Sehgal, Chairman, Samvardhana Motherson Group. Mr. Sanjay Labroo, Chairman & Chief Mentor, YBLF and MD & CEO, Asahi India Glass Ltd. introduced Mr. Chaand Sehgal as the “Quintessential Entrepreneur” whose contribution place India on the global map of the auto component industry has been significant. Mr. Sehgal shared his personal experiences in the auto sector with



Interaction with Mr. Chaand Sehgal

## CHRONICLES

complete candor and made a presentation sharing his experiences about Management & Ownership; Management; Managing the JVs and Going Global.

### **Mission to Johannesburg & Durban, South Africa**

March 13-20, 2011

Continuing its endeavor to understand the global automotive markets, in order to realize the status of other players in the field, YBLF organised yet another overseas mission to South Africa, one of the upcoming markets. The Mission was led by Mr. Sanjay Labroo, Past President & Chairman – YBLF. The Deputy Leader of the Mission was Mr. Ravi Machani, National Co-ordinator for YBLF.

The OEMs visited by the mission members were BMW; Nissan and Toyota. Flextech Manufacturing (Pty.) Ltd.; Automotive Leather Company; SAS Automotive RSA (Pty) Ltd.; Behr South Africa; Federal Mogul Corporation were a few component manufacturing companies visited by the delegates.

The members had interaction with key Industry Associations namely, NAAMSA- the National Association of Automobile Manufacturers of South Africa; NAACAM - The National Association of Automotive Component & Allied Mfrs. – the counterpart of ACMA in South Africa and Automotive Industry Development Centre (AIDC)

The visit included interaction with Mr. Vikram Doraiswamy, Consul General, Consulate General of India in Johannesburg.



Mission to South Africa



## From the Region

*The main objective of the Regions activities is to effectively reach out to the entire membership located in different geographies, which may be deemed appropriate on any matter in the best interest of members and the industry as whole.*

### Eastern Region

#### Building Competencies

##### Seminar on Predictive & Preventive Maintenance on CNC Machines, Jamshedpur

May 28, 2010

Speaking at the seminar, Mr. Killol Kamani, Dy. Chairman, ACMA(ER) & MD, Samarth Engineering Co. P. Ltd. said that the programme shall provide a rich experience to the delegates. The first presentation was by Mr. Sankar Goswami, Regional Head, Siemens Ltd., Motion Control-Machine Tools; Mr. Nitin S. Nair, Head Of business Development,



Seminar on Predictive & Preventive Maintenance on CNC machines



Seminar on Autonomous Maintenance

Automotive Industry, Siemens Ltd.; Mr. Partha Pratim Chakraborty, Area Sales & Service In-charge, RENISHAW Metrology Systems P. Ltd.; Mr. Samarkanti Ghosh, Ex Maintenance Head, Indian Ordnance Factory; Mr. Dipan Sengupta, Divisional Mgr Electronics, HV Axle Jamshedpur; Mr. Sharad Singh, AGM Electronics, Tata Motors; Mr. M. P. Shalda, Director, Lubro Air Engineers; enlightened the delegates on the event subject.

##### Seminar on Autonomous Maintenance, Jamshedpur

September 24, 2010

A seminar on Autonomous Maintenance with the objective to create awareness among the grass root level on TPM and its pillars, mainly autonomous maintenance. Mr. Sanjay Sabherwal, Regional Committee Member, ACMA and Managing Director, Metaldyne Industries Ltd., introduced the faculty Mr. T.K Chanda, Senior Counsellor, ACT. To connect better with the machine operators, designed the seminar to train them and make them well equipped to accept the challenges and solve their problems related to their own machines at the shop floor, without depending on the maintenance department.

##### Practical shop floor training on Autonomous Maintenance, Jamshedpur

October 11, 2010

Another Practical Shop Floor Training on Autonomous Maintenance was organised with the aim to create awareness amongst the shop floor associates about the autonomous maintenance not only theoretically but practically too. Mr. Tapas Sahu, Regional Council Member, ACMA & Executive Director, Highco Engineers (P) Ltd. spoke why the delegates should know autonomous maintenance. The faculty, Mr. K.P.S Raghuvanshi, Senior Counsellor, ACT Division, ACMA, covered topics like CLIT (Clean, Lubricate, Inspect, Tighten); Life time of a machine; Seven steps of Autonomous Maintenance; Focussed Improvement; Employees mind set; and Relation with machine. After the theory, the delegates visited the shop floor, where they saw how to clean, lubricate, inspect and tighten the parts of a machine.

##### Training Program on Team Building, Jamshedpur

November 16, 2010

With the aim to create awareness about team work, how to form a team and how the teams should work,

## CHRONICLES

how the next line of performers to be trained, a one-day training programme on Team Building was organised. Mr. Tapas Sahu, Regional Council Member, ACMA & ED, Highco Engineers (P) Ltd., stressed upon the fact that the team work can always give a better and positive result. The faculty, Mr. Chandreshwar Khan, AGM (Training), Tata Motors Ltd., covered topics like Seven rules of conduct; Examples of a good Team; Qualities of a leader; the main Characters of a team member; Relation with machine; The Gestalt View of a Team; Benefits of Teamwork; and What Super teams do to achieve?

### Training Program on My Machine-Autonomous Maintenance, Kolkata

November 30, 2010

Continuing with the practical knowledge sharing, third “Training Programme on My Machine- Autonomous Maintenance” was organised. Mr. Mayank Kejriwal, Regional Council Member, ACMA & Director, Kiswok Industries (P) Ltd., said that the seminar was designed to change the mindset of the candidates as the operators are the persons closest to their machines. The faculty, Mr. K.P.S Raghuvanshi, Senior Counsellor, ACT Division, ACMA, in the theory session, the topics covered Definition and key objectives of Autonomous Maintenance; TPM Road map; Zero incidences; Mindset of production and maintenance; Initial and Daily Cleaning; Natural and forced Deterioration; Seven steps of Autonomous Maintenance; Abnormalities; and Why-Why analysis.

### Workshop on Muda Identification & Kaizen, Jamshedpur

January 25, 2011

Speaking at the workshop, Mr. Ranjot Singh, Regional Coordinator, ACMA (ER) & MD, Emdet Jamshedpur, said that Muda or wasteful activities are a waste and its reduction is an effective way to increase profitability. The faculty, Mr. T. K. Chanda, Resident Counsellor, ACT Div. established the relationship between terms like cost, price and profit and told the delegates to question the present system, identify the gaps and wastes and eliminate/ minimize it towards cost reduction. By showing various slides, Mr. Chanda discussed the seven wastes and how Kaizens can be done to reduce these wastes.



Workshop on Muda Identification & Kaizen



Workshop on 1S, 2S & Safety

### Workshop on 1S, 2S & Safety, Jamshedpur & Kolkata

February 19, 2011 & February 28, 2011

A workshop on “1S, 2S & Safety” focussed on the sorting out and systematic arrangement on the shop floor and showed how they are linked with the safety of the employees. At the Jamshedpur workshop, Mr. Tapas Sahu, Regional Council Member, ACMA (ER) and ED, Highco Engg. (P) Ltd. stated that the need of the hour is the training of the employees. During the Kolkata workshop, Mr. Mayank Kejriwal, Regional Council Member, ACMA (ER) and Director, Kiswok Industries Ltd., gave example of his own company and showed the changes took place. The faculty, Mr. K.P.S Raghuvanshi, Senior Counsellor, ACT Division, showed numerous video films on the topics like Implementation methodology; Work place improvement; Red Tag Area; Methods to implement 1S; Objectives and the benefits of 2S, Flow Diagram and Safety. During the shop floor visit the delegates identified the red tag areas, gave suggestions to improve the shop floor and even painted to show the gangway.

**OEM Interactions**

**Visit to & Interaction with Timken India Ltd., Jamshedpur**

May 12, 2010

ACMA (ER) initiated a series of interaction between its members and the OEs in the region. The aim of this quality interaction is to exchange views, knowledge and understand each others need better.



Visit to Timken India Ltd.



Interaction with Tata Cummins Ltd.



CEO's delegation to RSB Transmissions (I) Ltd.

Mr. Inder Kumar, Plant Head, Timken India Ltd. gave presentation on the company history, products, its vision and mission, their plants in India and all the world over. Mr. R. Sunil, Head of Lean, gave a presentation on Lean Manufacturing. ACMA Team was then taken for a guided plant tour. The entire team was impressed by the visuals, the Kaizen Gallery, the daily work management and the material handling process.

**Visit to & interaction with Tata Cummins Ltd., Jamshedpur**

June 16, 2010

A visit to Tata Cummins Ltd. (TCL) was organised. Mr. Zaki Ansari, Head Sourcing, TCL, in his presentation, talked about the vision, its various inter-dependable businesses, R&D facility at the Pune plant, the projections for the next year and the three year growth plan, etc. The presentation was followed by the shop-floor visit. Mr. Sandeep Chaudhry, VP & Plant Head, TCL, stated that TCL is open to increase its vendor base and invited the suppliers with an intention to invest and extended a helping hand to the vendors who are ready to relocate in Pune. Highlighting the challenges for the component manufacturers, Mr. Killol Kamani, Dy. Chairman, ACMA(ER) & MD, Samarth Engineering Co. P. Ltd. said that the most difficult challenge was to create an organisation which is a benchmark, that consistently meets the requirements of the OEMs in the region which is now a globally recognised vehicle manufacturer.

**Other Programmes**

**Visit & Interaction with RSB Transmissions (I) Ltd., Jamshedpur**

July 15, 2010

A CEO's delegation to RSB Transmissions was led by Mr. Killol Kamani, Dy. Chairman, ACMA (ER) and MD, Samarth Engineering Co. P. Ltd. Mr. S. K. Behera, Immediate Past Chairman (ER) and MD, RSB Transmissions, ACMA, gave a brief outline of the company's activities and its philosophy. Mr. Sankaranarayanan, Executive Vice President, RSB Transmission, gave a presentation on company's background, its vision, and businesses, etc. During the shop floor visit, the delegates saw that the work flow was organised in a logical manner and each associate understood his role and function. The stores and material area were following the lean concept.

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### ACMA President & Vice- President's interaction with members

October 28, 2010

ACMA ER members interacted with ACMA President, Mr. Srivats Ram and Vice President, Mr. Arvind Kapur. Mr. Srivats Ram talked briefly about the ACMA's Vision 2020 document where Vision 2015 can be taken as a forecast, Vision 2020 is an outlook. The data given by Vision 2020 is used and taken as a reference even by the government, which makes it a very important document. During the presentation, Mr. Srivats Ram highlighted the growth of automotive industry, and the challenges to overcome to meet the growth targets. Mr. Vikas Kumar, Assistant Director, Ernst & Young, started with the vision of the Automotive Mission Plan and talked about the great rebound of Indian Auto Industry in FY 10. ACMA Vice President, Mr. Arvind Kapur, in his address focused on membership profile, Challenges of the Auto Component Industry and ACT Services.



Interaction with President & VP, ACMA

### CEO's visit to Northern Region, Ghaziabad

December 2, 2010

Sharing of Experiences have always been given a thrust in ACMA's activities, following the practice, ACMA (ER) organised a CEOs' delegation to Northern Region Companies. The visit was to 3-ACMA member companies in Ghaziabad, viz., Abilities India Pistons & Rings Ltd. Ghaziabad Precision Products Pvt. Ltd & Hero Motors Ltd. The delegation was led by Mr. Sanjay Sabherwal, Dy. Chairman, ACMA (ER).



ER CEO's Visit to NR

## New Initiatives

### Program on Cluster Awareness, Jamshedpur

April 6, 2010

ACMA (ER) on request from Tata Motors Ltd., Jamshedpur organised a Cluster awareness programme for the automotive industries based in Jamshedpur and Kolkata. Mr. Rajiv Mandke, Director, ACT Division gave presentation on ACMA Cluster Programmes. Mr. Killol Kamani, Dy. Chairman, ACMA(ER) & MD, Samarth Engineering Co. P. Ltd. mentioned the immense benefits a company can get from a cluster programme. Mr. Mohan Kumar, DGM, ADD & SQIG, Tata Motors Ltd. said "the company aims to be among the top two players in the world in commercial vehicles. In a nutshell, it expects their suppliers to invest in latest technology to



Program on Cluster Awareness

align themselves in line with TML's quality and cost requirements in the journey towards 'world-class' competencies.

## From the Region

### Northern Region

#### Building Competencies

##### Training Program on Empowerment & Art of Delegation, Rohtak

April 5, 2010

Speaking at the one day training programme on “Empowerment and Art of Delegation”, Mr. Rajesh Jain, Regional Council Member, ACMA (NR) and Director (Exports), Lakshmi Precision Screws Ltd. said Empowerment brings responsibility and accountability. The faculty, Mr. Rajiv Mathur, President & CEO, Aakansha Management Group explained the meaning of Empowerment said that it is a belief that all employees, regardless of their role, has the potential to be creative and innovative, solve problems and make a lasting contribution to the overall success of an organisation. He also touched upon the important steps to the participants on “How to Delegate” and the



Training Program on Empowerment & Art of Delegation



Training Program on SMED

various useful components on Empowerment and Art of delegation and consequences of poor delegation.

##### Training Program on SMED, New Delhi

April 9, 2010

Considering the positive impact on productivity that a subject of Single Minute Exchange of Die (SMED) can have in manufacturing units, a training programme on SMED was organised.

Mr. Pravin Malhotra, Regional Council Member, ACMA (NR) and Managing Director, Nipman Fastener Industries Pvt. Ltd. said that SMED is a Continuous Improvement Drive. Mr. Manoj Mathur, Sr. Counselor, ACT, said in order to be focused on reducing set-up and changeover over time one should also look at the tooling and production design, eliminating variations that don't add value to products. Mr. Mathur also shared a case study on “Office Time Reduction Efforts – an Implementation”.

##### Training Program on 5S – The Way of Life, New Delhi

April 23, 2010

With its extended drive on Continuous Improvement, ACMA (NR) organised a Training Program on 5S – The Way of life. Mr. Sanjay Malhotra, Managing Director, Jumps Auto Ltd. and Regional Council-Member, ACMA (NR) said that 5S is an on-going and continuous improvement process and is more of a work culture which needs to be established by practicing on a regular basis, to get into habit. The faculty, Mr. Arvind Kumar Gupta, Deputy Director, ACMA Centre for Technology (ACT), said that 5S is a Basic, Fundamental and Systematic approach towards Productivity, Quality and Safety Improvements in all types of business. It is a system of Continual Improvement and is based on PDCA Cycle, which is the root of an organisation.

##### Training Program on Visual Display, New Delhi

April 30, 2010

Continuing the practice of Sharing of Lean techniques, a Training Programme on Visual Management was organised. Mr. Anuj Mehta, Managing Director, Clutch Auto Ltd. explained Visual Management is a way/technique wherein any visitor himself can understand the functioning and operations of a facility/Work Unit. The faculty Mr. S.C. Roy elaborated on Visually Managed Factory with detailed concepts

## CHRONICLES

and techniques involved in application of 4 phases of Visual Management and explained how effective use of this technique can reduce waste of all kinds and can lead to improvements.

### Two Days Workshop on GD & T, New Delhi May 13-14, 2010

ACMA (NR) for the second time organised a workshop on GD & T. Mr. Pravin Malhotra, Managing Director, Nipman Fastener Industries Pvt. Ltd. and Regional Council Member, ACMA-NR, explained the use of GD&T (collection of symbols) that is used, by design engineers to communicate geometry requirements for components and assemblies.

The faculty Mr. Sanjay Sharma, DGM, Rico Auto Industries Ltd. and Mr. Harish Gosain, Sr. Manager, Roop Automotives Ltd., further detailed that GD&T shared standard method of interpreting the design and to determine best manufacturing approach. Many symbols and terms i.e. Zones, Tolerances, Datum etc. used in GD&T were discussed during the session.

### Training Program on Autonomous Maintenance, Ludhiana May 19, 2010

In continuation of its activities towards improving the efficiency amongst membership, ACMA (NR) organised a program on Autonomous Maintenance. Mr. U.S. Ahuja, Member-Regional Committee, ACMA (NR) and MD, New Swan Enterprises Ltd. emphasised on Autonomous Maintenance as one of the powerful and effective tools for transformation of a manufacturing enterprise. The faculty, Mr. Manoj Mathur explained the need, objectives and benefits of autonomous maintenance.

### Two Days Workshop on FMEA, New Delhi May 24 -25, 2010

A Workshop on Failure Mode and Effect Analysis (FMEA) was organised where Mr. Sanjay Malhotra, Regional Council Member, ACMA & Managing Director, Jumps Auto Industries Ltd. defined FMEA as a way to analyse Manufacturing Process. Mr. S.C Roy, the faculty, elaborated how to make and review FMEA, its benefits, etc. were discussed during the Workshop.



Program on Autonomous Maintenance



Six Sigma Black Belt Certification Program

### Training Program on Kaizen, New Delhi June 9, 2010

In its pursuit of sharing and spreading knowledge among members companies, a training program on Kaizen was organized. Mr. Pravin Malhotra, Regional Council Member (NR), ACMA, and MD, Nipman Fastener Industries Pvt. Ltd. said Kaizen, when applied to the workplace brings continuous improvement. Explaining the meaning of Kaizen, the faculty, Mr. Manoj Mathur discussed the concept of Kaizen, its Need, Benefits, Tips to evolve Kaizen.

### Launch & Module I of 11th Batch of Six Sigma Black Belt Certification Program, New Delhi June 14-16, 2010

At the launch of 11th Batch of the Six Sigma Black Belt Training Programme (Level I), Mr. Sanjay Malhotra, Regional Committee Member (NR), ACMA, and MD, Jumps Auto Industries, briefed Six Sigma as an intensive training programme that helps organisations, deal with

chronic manufacturing problems that generally arises during production processes. Mr. Ram Narayan, the faculty, further tracked the session.

**Training Program on Leadership Development Skills, Gurgaon**

June 18, 2010

Speaking at the 'Leadership Development Skills', Mr. Rattan Kapur, Deputy Chairman (NR), ACMA & Managing Director, Mark



Leadership Development Skills Program



7th Regional QC Competition



Workshop on SPC

Exhaust Systems Ltd., opined that if everybody in a team works as leader, the outcome would see an environment of highly motivated and committed people with low level of absenteeism, higher level of creativity, a valuesbased culture and employees with high morale. The faculty Mr. Rajiv Mathur, President & CEO, Akansha Management Group, mentioned that a good leader looks for ways to improve productivity and to win people to his way of thinking and gain total commitment.

**7th Regional Quality Circle Competition, New Delhi**

July 9, 2010

At the ACMA (NR) 7th Quality Circle Competition, Mr. Ramesh Suri, Chairman, (NR), ACMA, stated that QC had been practiced in many companies and proved to be a successful tool for problem solving and team building. Mr. K.K. Muthu, President, Corporate Consultancy Services gave an overview of the competition at the valedictory function. Speaking at the Valedictory Session, the Chief Guest, Mr. S. Maitra, Managing Executive Officer-Supply Chain, Maruti Suzuki India Ltd. said that to be a market leader one should work on bringing new changes in the product; Value for money and Customer intimacy. Perfection could be brought about by the process owner by continuously striving for excellence said Mr. Maitra.

**Workshop on Statistical Process Control (SPC), New Delhi**

July 15-16, 2010

Continuing the knowledge sharing drive, a Workshop on Statistical Process Control (SPC) was organized. Mr. Rattan Kapur, Deputy Chairman, ACMA (Northern Region) and Managing Director, Mark Exhaust Systems Ltd., said SPC is the way to monitor a process or its output, by using statistical methods. Talking about the tool, the faculty Mr. S.C Roy said that core strength of SPC lies in its ability to examine a process. He said, by use of statistical methods, SPC helps in ensuring that the process (under consideration) is working to its full potential. Mr. Roy explained that all processes have variation, which affects the quality of end product. Sampling Methods and Techniques, types of probability sampling were the main features of workshop.

## CHRONICLES

### 5th National QC Competition, New Delhi

August 7, 2010

To spread and reinforce the quality movement at the grass root level, ACMA has been organising the Quality Circle Competition in the Regions, for the last six years. To recognize and appreciate the efforts of the shopfloor person, the winners of the Regional teams compete at the National Competition. Speaking at the event, Mr. Ramesh Suri, Chairman, ACMA (NR), said that QC has been practiced in many companies and has proved to be a successful tool for problem solving and team building. At the Valedictory function, Mr. Arvind Kapur, Chairman, ACT, urged the participants to use the platform to enrich their knowledge for further improvements in their organization. Speaking on the occasion, the Chief Guest, Mr. Rajiv Gandhi, Chief General Manager (Casting & Engine Plants), Maruti Suzuki India Ltd. emphasized that the improvement should come from the people on the shop floor and reiterated that the Quality Circles should be driven by people and not by the management.

### Two Days Workshop on Introduction to Lean Tools, Gurgaon

September 9-10, 2010

Continuing the practice of Sharing of Lean techniques, a two-day Workshop on Introduction to Lean Tools was organized. Mr. Sanjay Malhotra, Executive Committee Member, ACMA and MD, Jumps Auto Industries Ltd., dwelled on the challenges like, access to capital, availability of skilled manpower, rapidly increasing inflation, technology up-gradation, lack of proper infrastructure, etc. which the industry is facing in order to reach to this level. Elaborating on Lean Tools, the faculty, Mr. S.C. Roy shared the history & evolution of Lean. Talking about the Stability in Lean which can be seen through 4 Ms – Man, Machine, Material and Method., he also shared the strategies to create process stability and indicators of instability.

### Program on Quality Circles, New Delhi

September 17, 2010

Mr. Vinnie Mehta, Executive Director, ACMA, said that Quality Circle is a tool which help total employee involvement in an organization and creates a healthy competition, bonding and ownership among the employees. Mr. Manoj Mathur, Sr. Counselor, ACMA Centre for Technology (ACT), and the faculty for the training, opined that QC aims at development of human resource, helps in developing Quality Products, with



5th National QC Competition



Workshop on Introduction to Lean Tools

zero defects and sharpens creative ability of employees. The presentation further elaborated on the history, objective, structure and features of quality circle.

### Training Program on Goal Setting & Motivation, New Delhi

September 23, 2010

Mr. Anuj Mehta, Executive Committee Member, and Executive Director, Clutch Auto Ltd. said that Goal Setting and Motivation go hand-in-hand and, therefore, motivation is very important in achieving the goal. Goal Setting is extremely important for motivation and success. It is a powerful process of thinking about our ideal future and keep ourselves motivated towards achieving it, elaborated Mr. Rajiv Mathur, the faculty. It also requires lot of considerations i.e. Goals have to be SMART-Specific, Measurable, Attainable, Reliable and Time-bound.



**Workshop on Value Analysis & Value Engineering, Gurgaon**

September 29-30, 2010

Continuing the drive to impart knowledge and improve efficiency, a 'Workshop on Value Engineering & Value Analysis' was organized. Mr. Sanjay Malhotra, ACMA EC Member & MD, Jumps Auto Industries Ltd. said VA is an organized team study of functions, to creatively generate alternatives which will satisfy the user's needs, at the lowest initial and/or life-cycle cost. The faculty Mr. Subikash Roy, Consultant, Kshitij Technologies, mentioned that the focus of the workshop was to understand and deploy VE Techniques for New Product Development and also to existing products and processes.

**Program on Autonomous Maintenance, New Delhi**

October 29, 2010

At the one day training programme on Autonomous Maintenance, Mr. Satish Garg,

Zonal Coordinator (Faridabad), ACMA (NR) & MD Sadhu Forgings Ltd., mentioned Autonomous Maintenance helps to achieve zero defects, zero accidents and zero downtime – thereby improving productivity and enabling substantial cost reduction. The faculty of the training programme, Mr. Manoj Mathur elaborated on the seven steps of autonomous maintenance and eight types of abnormalities.

**Training Program Enhancing Personal Effectiveness, New Delhi**

November 12-13, 2010

A two days workshop on “Enhancing Personal Effectiveness” was designed to inspire participants to realise the importance of continuous personal improvements and to increase their self confidence and interpersonal effectiveness, leading to improved performance at work. Mr. Rajiv Mathur, Founder & CEO, Aakansha Management Group, the faculty for the workshop, explained the meaning of Personal Effectiveness, as it means making the most of personal qualities, abilities and resources in all of one's endeavors.

**Workshop on 7–Tools of QC, New Delhi**

November 17-18, 2010

Speaking at the workshop on 7 tools of QC, Mr. Anuj Mehta, Executive Committee Member, ACMA & Executive Director, Clutch Auto Ltd. elaborated that application helps in targeting for zero customer complaints. Prof. A.N. Nankana and Mr. S.K. Manna, the faculties for the workshop, thereafter conducted the training session, and imparted knowledge on seven tools namely Cause and Effect Diagram, Check Sheet, Pareto Analysis, Stratification, Scatter Diagram, Histogram and Run Chart.

**Training Program Waste Elimination, New Delhi**

November 19, 2010

Enthused by the overwhelming response to the training programme held earlier in Delhi and Ludhiana, ACMA (NR) organised yet another training programme on 'Waste Elimination'. The program was aimed for the people involved in areas of Production, Quality, Production Engineering, improvement activities, etc. in the shop floor. Mr. Manoj Mathur, Sr. Counsellor-ACT, the faculty for the programme explained the Lean Tools and its Benefits; various aspects of 3M and 7 types of wastes. Mr. Mathur also shared the benefits accrued by companies using simple Kaizens through his case study presentations.



Program on Autonomous Maintenance



Training on Waste Elimination

## CHRONICLES

### Certification Ceremony of 11th Batch of Six Sigma Black Belt Certification Program, New Delhi

November 25, 2010

The Certification Ceremony for the 11th Batch of Six Sigma Black Belt Programme was organised by ACMA (NR). Mr. Rattan Kapur, Chairman (NR), said that there is a great opportunity and at the same time, very challenging situation too and we should have the system in order to face these challenges. Mr. Ram Narayan - the Faculty for the Six Sigma Training Programmes, made a presentation on the basics of "Six Sigma" and how these techniques help organisations in solving problems using simple tools. Mr. Manoj Agrawal, Chief General Manager (Supplier Quality Assurance), Maruti Suzuki India Ltd, was the Chief Guest at the function and presented the certificates to the successful participants. He also stressed on using poka yoke and low cost automation in order to be more efficient.



Certification Ceremony of 11th Batch of Six Sigma Black Belt

### Training Program on Safety, New Delhi

December 3, 2010

ACMA (NR) for the first time organised a Workshop on Safety. Mr. Pravin Malhotra, Member, Regional Council, ACMA (NR) & MD, Nipman Fasteners Industries Pvt. Ltd. said that as there is tremendous growth in the sector and when the production goes up people don't pay attention to safety. The faculty of the training programme, Mr. Manoj Mathur said the objective of the workshop was to apprise on Category of Accident; Types of Accident; Unsafe Act & Causes of Unsafe Act; Safety Audits & Checklists; Wrong Usage of Hand Tools; Safeguard of Machines; Colour codes and Safety; Safety Communication; How to Ensure Safety; Benefit of Safety Equipments; Basics of Ergonomics and Occupational Hazards.



Training Program on Safety

### Training Program on Poka Yoke, Ludhiana

January 8, 2011

Based on the overwhelming response from the earlier programs. ACMA (NR) once again organized a training programme on Poka Yoke. Mr. U.S. Ahuja, Member - Regional Committee, ACMA, (NR) & MD, New Swan Enterprises said that it was important for all to try to minimize the unwanted activities and efforts should be made by every employee to do small savings in his or her respective areas. The faculty, Mr. Rakesh Gupta explained about Poka Yoke and highlighted the possible root cause for non conformance/defects by explaining the 6M factors.

### Launch of 4th Batch & Module I of Green Belt Six Sigma Certification Program, New Delhi

January 17-19, 2011

The 4th batch of the 5-day Certification Program on Six Sigma Green Belt was launched by ACMA (NR). Mr. Sanjay Malhotra, Member - Regional Committee, ACMA (NR) and MD, emphasized on the need of using the process improvement tools to reduce the defect levels to below 100 ppm. Mr. Ram Narayan was the faculty for the training program.

### Workshop on GD & T, New Delhi

January 21-22, 2011

ACMA (NR) organized a workshop on Geometric Dimensioning and Tolerancing (GD&T). The faculty, Mr. Sanjay Sharma, DGM, Rico Auto Industries Ltd. explained the workshop was organized to share standard method of interpreting the design and to determine best manufacturing approach and focused on actual data with case studies and exercises for product, process and design engineers.

**Training on Effective Communication Skills, New Delhi**

January 28-29, 2011

Continuing with the focus on HR, ACMA (NR) organized a Training on Effective Communication Skills. The faculty for the program Mr. Rajiv Mathur, President & CEO of Aakansha Management Group said 'Effective Communication Skills' was an essential part of organizational success, which promotes



Workshop on VSM



Training on Total Employee Involvement



Buyer-Seller Meet

openness, transparency, mutual trust and enables projects or processes to move forward.

**Workshop on VSM, New Delhi**

February 24-25, 2011

As part of its planned activities for the Region, ACMA (NR) organised a Workshop on Value Stream Mapping (VSM). Mr. Sanjay Mudgal, National Expert for UNIDO-ACMA partnership programme for SMEs, the faculty for the Workshop while explaining the Process of VSM said is a tool to visualize, understand and to improve processes appropriately to improve manufacturing processes. It is a tool which helps in establishing Lean Manufacturing System in the company, which is critical for success of all businesses. He added that Automotive Component Manufacturing Companies can achieve breakthrough results using this tool.

**Training on Total Employee Involvement, Rohtak**

March 4, 2011

ACMA (NR) organized a one day training on Total Employee Involvement with the objective was to understand the need of TEI, how TEI could be implemented & how it could help in enhancing the quality & productivity and thereby bring-in overall change in the organization for the sustenance of benefits & growth. Mr. Rajesh Jain, Member, ACMA Regional Committee (NR) & Director, Lakshmi Precision Screws Ltd. highlighted the need and the benefits of TEI. The faculty, Mr. Manoj Mathur emphasized it as an improvement process where each and every employee was involved to bring a cultural change and improve the health of the organization.

**Export Drive Initiatives**

**Buyer-Seller Meet (with SME Committee), Ludhiana**

February 18-19, 2011

Taking yet another initiative, a 2-day Buyer-Seller Business Meet & Exhibition was organized. Purchasing teams from OEM/Tier-1/IPOs visited the show and had business meetings with the exhibitors. In his inaugural address Mr. L.D. Mittal, Chairman, Sonalika Group, emphasized that it is a two way process where the keenness to do business is from both buyers and sellers. He said the buyers/OEMs are equally eager to out-source auto components. Coinciding with this meet

## CHRONICLES

ACMA also organized a seminar on Purchasing Policies and Managing Logistics. Mr. Praveen Sardana, AVP (Purchase) International Tractors Ltd. and Mr. Manpreet S. Oberoi, Sr. General Manager, Mahindra & Mahindra Swaraj Tractors shared their companies Purchasing Policies and Sourcing Strategies. Mr. U.S. Ahuja, Member EC & Zonal Coordinator (Punjab), ACMA (NR) & MD, New Swan Enterprises also made a presentation on Advantage Punjab – The Auto Component Sourcing Destination of India.

### OEM Interactions

#### Plant Visit & Interaction with Honda Siel Cars India Ltd., Greater Noida

April 19, 2010

A CEOs' Delegation visited Honda Siel Cars India Ltd., Greater Noida Plant. The event was planned with the objective to know Honda Siel's plans for the future growth and to understand the expectations of Honda from the Component Manufacturers. The delegation was led by Mr. Ramesh Suri, Chairman, ACMA (NR). Mr. T. Nagai, President & CEO, led the Honda team which included Mr. K. Harada, Director - Purchasing and Mr. Rajeev Goel, General Manager - Purchase. Mr. Nagai shared his views and said that 'Power of Dreams' is the guiding philosophy of Honda.

Mr. Goel in his presentation elaborated the localisation cycle of Suppliers i.e. selection of supplier and the parameters involved therein. Competitive Parameters, Purchasing Operation and Model Change cycle was also discussed at length including the Investments, time duration and scope for new suppliers.

#### Interaction with Mr. Shinzo Nakanishi, Managing Director & CEO, MSIL, New Delhi

October 22, 2010

Mr. Shinzo Nakanishi, Managing Director & CEO, Maruti-Suzuki India Ltd. (MSIL), emphasised the need to invest as other automotive players are also investing to meet the future demand. This could only be possible with the cooperation from the auto component manufacturers, he said. There is a need for the component industry to invest at corresponding levels. With higher demand, customer also expects global quality and high volumes also meant introduction of new models in order to meet more segments and sub-segments.



Interaction with Honda Siel Cars India Ltd.



Interaction with Mr. Shinzo Nakanishi and meeting with President & Vice President, ACMA

### Other Programmes

#### Members' Meet with President & Vice President, ACMA, New Delhi

October 22, 2010

Mr. Shinzo Nakanishi, Managing Director & CEO, Maruti-Suzuki India Ltd. (MSIL) was the Chief Guest at the interaction of the Northern Region members with the ACMA President, Mr. Srivats Ram and Vice-President, Mr. Arvind Kapur (NR), ACMA. Mr. Rattan Kapur, Chairman (NR), ACMA, gave a brief on the recent study by Ernst & Young, which indicates that the Indian auto component industry has the potential to grow from its current level of US \$ 22 billion to almost US \$ 110 billion by 2020. Mr. Srivats Ram made a presentation on the status of the Indian automotive industry and work priorities of ACMA for the year 2010-12. In his address, Mr. Arvind Kapur touched upon membership and ACT activities. Mr. Kapur briefed about the



Interaction with President SAE



First Competition on SMED

## New Initiatives

### First SMED Competition, New Delhi

December 15, 2010

Considering the positive impact on productivity that a subject of Single Minute Exchange of Die (SMED) can have in manufacturing units, for the first time a Competition on SMED was organised. Mr. Rattan Kapur, Chairman, ACMA (NR) said that SMED is an approach to continuous improvement and refers to QCO (Quick Change Over) which reduces the change over time to one digit. The Jury Members which included, Mr. G. Venkataramanan, Deputy General Manager (Plant Maintenance), Hero Honda Motors Ltd., Mr. Sai Kumar, Manager (Production), Suzuki Motorcycle India Pvt. Ltd., Mr. Yogesh Dinkar, Assistant Manager (Quality Control), Suzuki Motorcycle India Pvt. Ltd.

different cluster programmes of ACT and the launch of 2-years Cluster on New Product Development to help ACMA members create world-class Product Development Processes.

### Interaction with Dr. Andrew Brown, Jr., SAE President, New Delhi

December 14, 2010

ACMA (NR) along with Society of India Automobile Manufacturers (SIAM) organized an interaction with Dr. Andrew Brown, Jr., President, SAE International. Mr. Rattan Kapur, Chairman, ACMA (NR), said that the automobile industry is changing very fast in respect of the technology, design, light weighting and environment norms. Mr. S. Sandilya, Vice President, SIAM & Chairman, Eicher Group gave an overview of the Indian Automotive Industry and on the Challenges. Dr. Brown Jr., President, SAE International in his presentation on Megatrend Analysis & Portfolio Strategy (MAPS) with a focus on HEV /EV (Electrical Vehicle) also stressed on increasing Environmental Awareness & Regulation for the safe and green future.



# 4<sup>th</sup> partmart & Autocare

ANNUAL REPORT - 2010-11





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# 4<sup>th</sup> partmart & Autocare The Automotive Aftermarket and Services Exposition

New Delhi : February 10-12, 2011

The fourth edition of “partmart & AUTOCARE” - The automotive aftermarket and services exposition was organised by Automotive Component Manufacturers Association of India (ACMA) and Confederation of Indian Industry (CII). The show was actively supported by Society of Indian Automobile Manufacturers (SIAM), Federation of Automobile Dealers Associations (FADA) and Federation of All India Automobile Spare parts Dealers Association (FAIASPDA).

The show was inaugurated by Shri B.S. Meena, Secretary, Department of Heavy Industry, Ministry of Heavy Industries & Public Enterprises, Government of India. Coinciding with partmart & AUTOCARE following events were organised by ACMA:-

1. With its growing popularity, the Asli-Naqli pavilion - an anti-counterfeiting campaign was organised to educate and create awareness on the menace of counterfeiting where ACMA members displayed their genuine products and the corresponding fakes. partmart and AUTOCARE, an autoparts specific show, offers huge scope for parts sold in the aftermarket. ACMA finds it important to continue awareness against counterfeits and thus organised an Asli-Naqli Quiz Contest which felicitated winning contestants who successfully identified visible dissimilarities of real parts from the fakes displayed at the Asli-Naqli stand.
2. ACMA along with JETRO organized “Japanese Procurement Exhibition”, wherein 17 Japanese companies participated and showcased the products that they would like to procure from Indian Suppliers.
3. In order to understand the dynamics of the automotive industry in China, ACMA organised a National Conference on Engaging with China: “Opportunities & Challenges”. The Conference aimed at understanding China as an opportunity rather than a threat for the Indian auto component manufacturing industry and how we could engage with them. The Conference focused on Engaging with China : An Insight; In-depth Analysis of the Chinese Automotive Industry; Strategies for successful operations in China : do's & don'ts; Exports to China : A Breakthrough; How German Companies managed entry into Chinese operation; M & A: Primer for China.
4. ACMA released the Indian Automotive Aftermarket Study Book which describes the potential of aftermarket in the domestic front. The aftermarket study book is a comprehensive research on the Indian automotive aftermarket that unravels every aspect of aftermarket; for the first time vehicle parc data is included, both make-wise and model-wise, collected from over 50 RTOs across the country. The book also gives information on the aftermarket size and its business potential, replacement frequency of key parts, profile of the service industry, emerging trends, data on IPRs, spurious parts and the existing government regulations.



Inauguration of 4<sup>th</sup> partmart & Autocare



The Chief Guest, Mr. B. S. Meena addressing the guests at the Show



- ACMA also released an approach paper on Legislative improvements to combat counterfeit auto components. The White Paper aimed to suggest the much needed legal reforms to combat spurious automotive components in an attempt to make counterfeiting a non bail-able offence in the larger public interest.

The fair was visited by Vehicle Manufacturing companies and a mix of Dealers, Distributors, Exporters and Importers visited the stands. There were overseas delegations from Turkey, Iran and Japan.

## National Conference on Engaging with China : Opportunities & Challenges

New Delhi : February 11, 2011

A conference was organized with the aim at understanding China as an opportunity for the

Indian auto component manufacturing industry and how Indian auto component industry could engage with them.

Mr. Jayant Davar, Past President and Chairman – Globalisation & India Brand Building Committee, ACMA gave a warm welcome to all the speakers and a special welcome to the Chief Guest Shri B S Meena, Secretary – Ministry of Heavy Industries & Public Enterprises.

Speaking at the occasion, Mr. Srivats Ram, President, ACMA & MD, Wheels India Ltd., stated that the scale of manufacturing and the “costing” are two important facets which India could learn from China.

Inaugurating the Conference, the Chief Guest – Shri. B. S. Meena complimented the pro-active approach of the component industry by revisiting the AMP document and coming out with the Vision 2020 document and re-assured the support of the Ministry to the component industry to become a global player.

The elite list of speakers comprised of senior level management from the component manufacturing industry and leading consultants & lawyers, viz., Mr Sridhar Venkiteswaran, ED, Avalon Consulting; Mr Stefan Kracht, Director, Fiducia Management Consultants; Mr. Praveen K Maheshwari, ED, Bharat Forge Ltd. ; Mr Alan Fung, Partner, KPMG Advisory (China) Ltd.; Ms Barbara Scharrer, Scharrer Legal & Asiagio Consultancy, China ; Mr Euan Rellie, Joint Founder & Sr. MD; Business Development Asia Llc.; Mr Sunil Arora, Chairman – SME Committee & JMD, Abilities India Pistons & Rings Ltd.

At the Conference, the Chief Guest released ACMA's first-of-its-kind Study book on “Indian Automotive Aftermarket Study –2011” & a “White Paper on Legislative Improvements to Combat Counterfeit Auto Components”. Mr. Arvind Kapur, Vice President, ACMA thanked the Chief Guest & all the speakers for their time and contribution.



Guests at the Conference



Speakers at the Conference

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### From the Region

#### Southern Region

##### Building Competencies

###### Certification ceremony of the 7th Batch of Six Sigma Trainees, Chennai

April 8, 2010

The 7th Batch of ACMA(SR) Six Sigma Level 1 Black Belt training programme culminated with the certification of 10 participants. Speaking on the occasion the Chief Guest, Mr. John Eappen, General Manager – Purchase, Ford India Pvt. Ltd. mentioned that tools like Six Sigma need to be focused for improving quality and improved working condition he said. At the ceremony, Dr. Sreeram Srinivasan, EC Member ACMA & Convener – Six Sigma Training Programme, mentioned that various best practices like TPM, TQM, Manufacturing Excellence, Six Sigma etc. were aimed at customer satisfaction through quality products at the right cost. Mr. Ram Narayan, the faculty for the programme briefed Mr. Eappen on the programme structure.



Certification ceremony of the 7th Batch of Six Sigma

###### ACMA-CBI workshop on Cost Price Calculations and Negotiations, Chennai

April 26-27, 2010

ACMA in cooperation with Centre for the Promotion of Imports from Developing Countries (CBI) had organised a training programme on Cost Price Calculation and Negotiation for membership in Chennai, Pune and New Delhi on 26-27th April 2010, 29-30th April 2010 & 3-4th May 2010 respectively. Mr. Jan Oude Elferink and Mr. Martin Bitter from CBI conducted the workshop. Some of the broad topics that were covered at this programme were Cost Price models and calculations, RFQs Processes, Negotiation process, Price defending, Other issues like – IPR issues, Cultural Barriers and Tooling cost aspects, Liabilities and recalls. Mr. Kapuria handed over the Certificates in Delhi. At the Chennai Workshop, Mr. J. Sridhar, Member EC, ACMA, handed over the certificates to the participants. Mr. Sukumar Shah, Plant Head, Kiroskar Oil Engines Ltd., joined the inauguration in Pune.



5th ACMA SR QC Competition

###### Workshop on 7QC Tools, Bangalore

May 26, 2010

Speaking at the Workshop on 7 QC Tools, Mr K G Mohan Kumar, Zonal Co-coordinator (K&H), ACMA, said that 7 QC tools is important and if used correctly

can be very effective in problem solving. The faculty, Mr G Ananthakrishnan, Senior Counsellor, ACT, conducted the programme which was designed to include theory and examples to tackle live examples. Mr. Sridharan Ganapathy, ACT Counsellor for Bosch SME cluster guided participants to implement what they had learnt at their respective companies.

###### Workshop on Value Analysis & Value Engineering, Chennai

May 29, 2010

To address the challenges faced by the auto component industry, ACMA (SR) organised a one-day workshop on “Value Analysis & Value Engineering”, a highly effective tool for problem solving and creating profitability by looking at internal process re-alignment and waste elimination. Mr. S. Chandrasekaran, Member Regional Committee, ACMA (SR) and MD, Alpha Springs Pvt. Ltd., mentioned the industry is required to think continuously on the various ways to reduce costs and create more value for the product we provide. Explaining the various elements of VA & VE,

the faculty, Mr. N. Hari Babu, Dean, Rane Institute for Employee Development, mentioned that VA/VE involved a team following a structured process which helps team members communicate across boundaries, understand different perspectives, innovate, and analyse.

**5th ACMA SR QC Competition, Chennai**  
July 18, 2010

Delivering the inaugural address at the 5th Quality Circle (QC) Competition, Mr. Srivats Ram, Vice President, ACMA, mentioned that QC is an important tool for communication involving team work to meet the customers' requirements. Mr. Anup Bhat, Executive Director, Ashok Leyland Ltd., the Chief Guest at the Valedictory Session mentioned that the work force were the strongest link in a company to make it successful. He mentioned that the involvement of team members in a QC makes things happen with divergent views and ideas converging into making a better quality product with value addition. At the event, Mr. Harish Lakshman, Chairman (SR), ACMA, mentioned that the companies get benefited

through QC. Giving his impressions of the competition, Mr. Parameswaran , Deputy GM, Ashok Leyland Ltd. & Chairman of the Jury Panel, mentioned that the enthusiasm and commitment of the team members were commendable. Mr. C.N. Prasad, the Convener for the ACMA QC Competition, mentioned that the real gainers from the Competition were all the participants since they got a platform to benefit.

**Workshop on Activity Based Costing, Bangalore**  
October 22, 2010

The workshop on Activity Based Costing was designed to help participants understand the basics of Activity Based Costing (ABC) and its application in facilitating strategic decisions. Mr. Sandip Mehta, Member, ACMA EC & MD, MHB Filter India Pvt. Ltd., convened the Workshop. He mentioned that the purpose of any business is to make money, therefore, not only important to identify product/service/line that is doing well but also be able to identify those which aren't doing well. The workshop was conducted by Mr D Venkatesh, Founder CEO, Corbele Consulting.

**Workshop on Activity Based Costing, Chennai**  
October 23, 2010

A one-day introductory programme on Activity Based Costing was organized on Activity-Based Costing (ABC). Speaking at the programme, Ms. Gayathri Sriram, Member (SR), ACMA & MD, UCAL Products Pvt. Ltd., mentioned that with the industry poised to grow exponentially, volume discounts may not be a distant future bringing in new sets of challenges in terms of costing. Mr. M. Kannan, Director & Consultant, Streamline Strategy India, and the faculty for the Workshop mentioned that in ABC costs flow through activities i.e. from Resources to Activities to Cost Objects. The workshop covered the definition, approach, basics, model and few examples of application.



Workshop on Activity Based Costing



Black Belt Certification Program Level 1

**Launch of 8th Batch of Six Sigma Black Belt Training Program, Chennai**  
October 28, 2010

Addressing the participants at the 8th Batch of Six Sigma Level 1 training programme, Mr. S. Chandrasekaran, Member (SR) Committee, ACMA, mentioned that the there was now a problem of plenty with the manufacturing units seen as wanting in terms of delivery, investments and, capacity in particular, to match the growth perceived for the industry. The

## CHRONICLES

faculty for the programme was Mr Ram Narayan, who has been associated with the ACMA Six Sigma training programme since 2003.

### Workshop on VA/VE, Bangalore

November 23, 2010

Speaking at the one-day workshop on “Value Analysis and Value Engineering”, Mr. C Jayaraman, Regional Committee, ACMA (SR) & MD, Aditya Auto Products & Engineering (I) Pvt. Ltd. said VA/VE is a highly effective tool for problem solving and creating profitability by looking at internal process re-alignment and waste elimination. The faculty, Mr. D Venkatesh, founder CEO of Corbele Consulting, addressed the basics and concepts of VA/VE and included case studies and problem solving examples by the participants.

### 2nd ACMA (SR) Kaizen Contest & Conference, Bangalore

December 17, 2010

The 2nd Kaizen Contest of ACMA (SR) aimed at showcasing the breakthrough Kaizens in various companies by the Junior and Middle Management. In his inaugural address, Mr. Subash Suresh, GM-Supplier Development, TVS Motor India Ltd. and the Chief of the Panel of Judges of the contest mentioned that Kaizens were a necessity which comes from a customer centric approach. The panel of jury for this contest included Mr. BNJ Prasad, Mr C Srinath, Mr. Murthy, Mr. N K Patil, all eminent members in this field. The Chief Guest for the Valedictory Session, Mr. Reguraj, MD, NTTF Industries Pvt. Ltd., urged the participants to think differently since innovative thinking was the requirement of the industry, especially in the time of exponential growth. Mr. P S Bashyam, President, Sundaram Auto Components was the moderator for the program. Mr. K.G. Mohan, Convener- 2nd Kaizen Contest and Conference & the Zonal Coordinator (K&H), ACMA, mentioned that the Kaizen contest was an initiative of the Southern Region in 2009.

### Workshop on FMEA, Chennai

January 8, 2011

Speaking at the Workshop on Failure Mode Effective Analysis (FMEA), Mr. J. Sridhar, Zonal Coordinator – Chennai & Nearby, ACMA, mentioned that the objective of the workshop was to analyze the manufacturing process for effective controls and to train on how to foresee the failure modes in the process and take preventive actions. The faculty, Mr. J. Jayabalan of Quality Management Development Centre P. Ltd.



2nd Kaizen Contest & Conference



Workshop on FMEA

(PQMDC), covered in detail, understanding the customer's voice, introduction of FMEA, Methodology, PFMEA. The workshop also provided understanding of relative risks, how to prioritize, benefits, guidelines, and the 10 step norms.

### Workshop on Failure Mode Effective Analysis (FMEA), Bangalore

January 28, 2011

Mr. S M Hegde, Regional Committee Member, ACMA (SR) & VP – Commercial, BOSCH Ltd. stated that the objective of this workshop was to help teams to identify potential failure modes based on past experience with similar products or processes, enabling the team to design those failures out of the system with the minimum of effort and resource expenditure, thereby reducing development time and costs. The faculty for FMEA workshop was Dr S M Jagadish of Zero Defect Consultants.

**Workshop on Effective Communication Skills, Chennai**

February 28, 2011

While inaugurating the training workshop on Effective Communication Skills, Ms. Gayathri Sriram, Member Regional Committee, ACMA (SR), reiterating the objective of the training which aimed at improving participants' ability to communicate with others. The faculty, Mr. Muthu Singaram, in the Workshop included live examples, games around it for better understanding.

**Workshop on GD&T, Bangalore**

March 18-19, 2011

Speaking at the Workshop on Geometric Dimensioning and Tolerancing (GD&T), Mr Vivek Gupta, CMD – Kavia Engineering Pvt Ltd., emphasized on the benefits of GD&T. The faculty, Mr. Ramamurthy from Zero Defect Consultants, designed the workshop interestingly with audio visuals and lot of exercises for better understanding of the

concept. Topics like Modern tolerancing practices, LMC, MMC, Datums, its importance and effects, true geometric counterpart, interpretation of frames and form tolerances were covered.

**Export Drive Initiatives**

**ACMA-Forum Indien – India-Europe Automotive Supplier Meeting, Bangalore**

June 9-10, 2010

ACMA along with Forum Indien and with the support of Bosch, Brose, Kostal and ZF as Project Partners, organised the India-Europe Automotive Supplier Meeting. The programme included seminar, presentation by the European companies, Project Partners and Industry presentation of Indian component industry by ACMA, followed by one-to-one business meetings where the participants from India had the opportunity to showcase their capability by displaying the components and meeting the European participants. Mr. Srivats Ram, VP, ACMA, addressed the gathering and made a presentation on “Capabilities and Challenges of The Indian Auto Component Industry”. Mr. Harish Lakshman, Chairman (SR), ACMA, spoke on the current scenario of the auto industry. Mr. Soumitra Bhattacharya, Chairman-Consumer Affairs & Anti Counterfeiting, ACMA, made a presentation on “The Strategic significance of India from viewpoint of Global player”.

**Interaction with delegation from Sweden, Chennai**

October 27, 2010

A delegation from Sweden visited India with the aim of finding partners, suppliers, forming joint ventures, acquisitions, investments and technical cooperation with the Indian industry. Mr. S. Chandrasekaran, Member (SR) Committee, ACMA, gave a brief overview of the Indian auto component industry and on ACMA and its members in particular. Briefing on the Swedish Industry, Mr. Svenake Bergile, the Leader of the Mission, mentioned that with the changing trend focusing on environment, safety, communication and mobility, the supplier industry in Sweden was facing its own set of challenges of fluctuating raw material prices, price pressures, investment in R&D and technology and internationalisation.



Workshop on Effective Communication Skills



Workshop on GD&T

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### Interaction with Japanese Delegation, Chennai

February 8, 2011

During the jointly organized event by ACMA (SR) and CII, Mr. Harish Lakshman, Chairman-SR, ACMA, in his presentation covered the perspective of the Indian automotive and component industry with specific mention of the advantages of manufacturing and partnering with Tamil Nadu. He mentioned that while the Indian market is growing there is potential of joint growth for the Japanese and the Indian industry by riding the next wave by way of technical partnerships. Mr. Shinya Fujii, Director General, JETRO in his introductory address said a lot of importance was being accorded to India in view of the exponential growth prospects.



Interaction with Japanese Delegation

### OEM Interactions

#### Visit to TAFE & Sharing of Best Practices Visit to Sundram Fasteners Ltd., Madurai

June 14, 2010

The first ever delegation to Madurai was led by Mr. Harish Lakshman, Chairman (SR), ACMA. Mr. S. Kumaradevan, AVP, Tractors & Farm Equipments Ltd. (TAFE) while interacting with members, gave a brief overview of the company and its products. Giving a brief overview of the company and on the best practices, Mr. John D. mentioned that the plant and TPM philosophy in the company focused on high quality, low cost and speed focused around customer delight.



Visit to TAFE

#### Visit to & Interaction with Senior Management of Ford India Pvt. Ltd., Chennai

September 30, 2010

The members from the Region interacted with the the Senior Management of Ford India Pvt. Ltd. led by its President & Managing Director, Mr. Michael Boneham along with a visit to the facilities. Few members from the North and West also joined the visit. The programme was a part of the customer relations exercise to understand Ford's plans and their expectations of the auto component industry with an objective to help members prepare for the future and also in planning business strategies. While addressing the members, Mr. Boneham gave a peek into the future of Ford and its

designs for the global market and India in particular. Mr. Harish Lakshman briefed the Ford team about the initiatives taken by ACMA to enhance competitiveness of the industry and also foraying into the space of R&D with tie-ups with institutes like the MIT & Fraunhofer. The visit to the plant highlighted improvements and best practices on flexible manufacturing. The members viewed the visit and interaction useful with takeaways in terms of learning.

### Other Programmes

#### Interaction with President & VP, ACMA & Presentation on Vision 2020, Chennai & Bangalore

October 25, 2010

The leadership of ACMA urged members to get ready for a challenging phase ahead propelled by the humongous growth prospects of the automotive industry. Mr. Srivats Ram, President and Mr. Arvind Kapur, Vice President, ACMA at an interaction with

members of the Southern Region, deliberated on the various challenges for the members and the auto component industry in particular. Earlier, Mr. Rakesh Batra, Partner and Automotive Head, Ernst & Young made a presentation on the findings of the Vision 2020 study. Mr. Harish Lakshman said, in the Southern Region, “Managing Growth” was identified as a challenge at all levels and that many programmes were developed by the Region around this theme. At the meet in Bangalore, the successful candidates of the Six Sigma training programme of ACMA were also presented with certificates.

**Participation in IMTEX 2011, Bangalore**  
January 20-26, 2011

A 15-member delegation from ACMA led by Mr. Arvind Kapur, Vice President, visited IMTEX 2011 which focused on the complete product segment of metal cutting machine tools and Tooltech 2011 which focused on newest trends in cutting tools and tooling systems from across the globe. Mr Arvind Kapur – Vice President ACMA & the Guest of

Honour at the IMTEX, spoke about the growing demand in the auto industry over the next 10 years and how the machine tool industry is an integral part. Coinciding the IMTEX, ACMA also arranged for a special interactive session with the Fraunhofer Institutes. Fraunhofer shared about their strengths and how they could collaborate with Indian automotive companies. ACMA also participated at this exhibition with an information booth giving information on the Indian auto component industry to the visitors to the Show.

**New Initiatives**

**Conference on Safety, Chennai**  
July 7, 2010

ACMA (SR) addressed different aspects of safety in a shop-floor at the Conference on Safety. Mr. K.T. Choi, MD, Visteon Automotive Systems India Pvt. Ltd. (VASI), said that safety synchronises the employee and the employer towards the final goal. Mr. Tom S. Chackalackal, VP-Operations, mentioned that if Safety and Quality is monitored everything else falls in place and ensures success of business. The other topics on Safety were covered by Mr. Uday Kumar, Wheels India; Mr. T. R. Phanibhushana, Toyota Kirloskar Auto Parts Ltd.; Mr. Mohan V C, Bosch Ltd.; Mr. Gladson Bhaskaran, Saint-Gobain Glass India Ltd.; Mr. Prabhu, Visteon; Mr. Arul Manickam, SGS. The presentations included sharing of best practices on safety related issues with examples and case studies. The programme also included a visit to the Visteon facilities to see the best practices on Safety adopted by the Company. Mr. A. Viswanathan, Member Executive Committee, ACMA, & Convener, Safety Conference, said that the essence of manufacturing is to meet customers' demands to their requirements at competitive price through right practices and good internal work environment of which safety is one of the key factors.

**ACMA (SR)-YBLF Managing Growth National Conference on “The Changing Face of Leadership”, Chennai**

November 29, 2010

As part of its Annual Theme of Managing Growth, ACMA (SR) organised the first ever focused event on Leadership. The National Conference on The Changing Face of Leadership saw a slew of speakers from within and outside the automotive industry. The event was organised with the support of the ACMA-YBLF



Interaction with President and VP, ACMA



Conference on Safety

## CHRONICLES

Business Leaders Forum. Mr. Harish Lakshman, Chairman (SR), ACMA mentioned that the idea was to facilitate cross learning and to bring in various aspects of leadership both from within and outside the industry. Stating that Leadership was the need of the hour, Mr. Srivats Ram, President, ACMA & MD, Wheels India Ltd., in his inaugural address mentioned of the various challenges ahead for the industry and why Leadership was an inseparable part of these aspects at various levels in an organization.

The session saw personalities like Mr. Pradeep Chakravarthy, Principal-Leadership Development, Infosys Leadership Institute; Mr. Sanjay Labroo, Past President, ACMA & Chief Mentor-YBLF; Mr. Arvind Balaji, JMD, Lucas-TVS Ltd.; Mr. Deepak Jain, Senior ED, Lumax Industries Ltd. Mr. Nishant Arya, Executive Director, Jay Bharat Maruti Ltd.; Mr. Krishnamachari Srikanth, Chairman of Selectors, BCCI; Mr. Sunil Arora, Chairman-SME Committee, ACMA & JMD, Abilities India Pistons & Rings Ltd.; Mr. S. Seetharamaiah, Former Chairman (SR), ACMA & MD, Susira Industries Ltd.; Mr. Mihir Jayaraman, Business Unit Head, Aditya Auto Products & Engineering (I) Pvt.t Ltd.; Mr. R. Seshasayee, MD, Ashok Leyland Ltd., shared their company experiences. The Conference also saw the launch of the ACMA-YBLF Website.

### Visit to & Interaction with Infosys Technologies Ltd., Bangalore

December 15, 2010

With an intent of learning from other industries on managing growth, ACMA-YBLF and members from the Regions visited Infosys Technologies Ltd. to understand how this challenge can be handled from their

experiences. The Infosys team shared its experiences in the IT sector and how it geared-up for the challenge and managed its growth so well that it has become an icon today. They also briefly touched upon the various opportunities in the IT sector for ACMA members. The delegation leader Mr. Ravi Machani, National Coordinator, ACMA-YBLF, expressed an interest in exploring opportunities in the IT sector that could benefit ACMA members as a whole.



National Conference on Changing Face of Leadership



## From the Region

### Western Region

#### Building Competencies

##### Conference on “Productivity Improvement through Low Cost Automation”, Pune

May 5, 2010

To understand the whole concept of low cost automation, ACMA (WR) and ACMA Center for Technology (a division of ACMA) organized a conference on “Productivity improvement through low cost automation”. Mr. Ramchandra Rao, Past Chairman, ACMA WR & Executive Director-Automotive, Eaton Industrial Systems Pvt. Ltd., said that any company who had implemented appropriate automation or semi automation got dramatic results.

Delivering the keynote address, Mr. Anil Parasharami, General Manager, Tata Motors said that to use “pull” system to avoid



Conference on Productivity Improvement through Low Cost Automation



Training Program on Creation of In-house Trainers

overproduction is also one of the best methods to improve productivity and reduce the cost. Mr. Srivats Ram, Vice President, ACMA & MD, Wheels India Ltd., mentioned that across the country the labour cost is going up but component manufacturers are under tremendous pressure from OEMs for cost reduction, under the circumstances the low cost automation is an impotent tool in achieving the cost reduction. There were five presentations from companies who have implemented low cost automation successfully, namely, IP Rings, Fairfield Atlas, Munjal Auto Industries, Tata Motors and Festo Controls Pvt. Ltd.

##### Module -1 of Training Programme on Creation of In-house Trainers, Course-1, Pune

May 11, 2010

The module-1 of Training Programme on “Creation of In-House Trainers” – Course-1 training was conducted by Mr. Ravishankar Honrao, Senior Counselor, ACT, the faculty.

##### Module -2 of Training Programme on Creation of In-house Trainers, Course-2, Pune

May 12, 2010

The module-2 of Training Programme on “Creation of In-House Trainers” – Course- 2 was conducted by the faculty, Mr. Dinesh A. Vedpathak, Senior Counselor, ACT, for the Course-2.

##### Module -2 of Training Programme on Creation of In-house Trainers, Course-1, Pune

June 8, 2010

In continuation to the successful training programme on “Creation of In-house Trainers”, the module-2 of course-1 on Inventory Management, was conducted by Mr. Ravishankar Honrao, Senior Counsellor, ACT, the faculty for the Course-1. The session started with the recap of module-1 followed by presentations made by the participants showing implementation of what they learnt in the previous session and practiced in their Plant. The presentations shown were satisfactory barring few cases wherein little more room for improvement was felt. After the recap and presentations the module-2 training was conducted.

## CHRONICLES

### Module -3 of Training Programme on Creation of In-house Trainers, Course-2, Pune

June 9, 2010

After completing the 2 Sessions successfully, the module-3 of course-2 on Productivity Improvement of the training programme on “Creation of In- house Trainers”, was conducted by Mr. Dinesh A. Vedpathak, Principal Counsellor, ACT, the faculty for the Course-2. The session started with the recap of module-2 followed by presentations made by the participants showing implementation of what they learnt in the previous sessions and practiced in their Plant. After the recap and presentations the module-2 training was conducted.

### Training Programme on SPC & SQC, Pune

June 26, 2010

A Training Programme on Statistical Process Control (SPC) & Statistical Quality Control (SQC) was organised with the objective to develop data analysing & related corrective action qualities in the participants for organisational benefit. The training programme covered overview and importance of SPC and SQC for quality and productivity improvement, data and its relevance, Brain storming, Cause and effect analysis for solving day to day problems, managing processes without defects, case studies, continual feedback for assessment of understanding. Mr. Vinay Kelkar, the faculty, designed the training programme for Middle management personnel, Shop-floor supervisors, Key operators, Team members and team leaders from various functions like quality, production, marketing, purchase and design who need to understand concepts for practical use.

### Module -4 of Training Programme on Creation of In-house Trainers, Course-2, Pune

July 7, 2010

The faculty, Mr. Dinesh A. Vedpathak, Counsellor Principal, ACT, conducted the module-4 training programme on “Creation of In-House Trainers” - Course-2.

### Module -3 of Training Programme on Creation of In-house Trainers, Course-1, Pune

July 8, 2010

The module-3 of Training Programme on “Creation of In-House Trainers”-Course- 1 was conducted by Mr Ravishankar Honrao, Senior Counsellor, ACT.



Training on SPC & SQC



5th QC Competition

### 5th Quality Circle Competition, Pune

July 17, 2010

At the 5th Quality Circle Competition, Mr. Kirti Rathod, Chairman-(Small & Medium Enterprises), and Zonal Coordinator (Pune), ACMA, stated that Quality Circles are emerging as a mechanism to develop and utilise the tremendous potential of the people. It develops internal leadership, reinforces the employee morale and motivates and encourage strong sense of teamwork. In his address at the valedictory session, Mr. Surinder Kanwar, Chairman (WR), ACMA, said that apart from various activities that are being organised in the Region to promote the industry, “Quality & Productivity” remain as a major thrust area. The Chief Guest, Mr. U.K. Mishra, Additional Vice President, Auto Commercial Vehicle, Tata Motors Ltd., in his address, mentioned that ACMA has been creating awareness about quality amongst its members in an effective manner.



Program on Effective Communication Skills

### Training Program on Effective Communication Skills, Pune

September 29, 2010

The objective of the program was to develop the skills needed to communicate effectively for organizational benefit. Mr. Pradeep V Tupe, Certified Lead Assessor for QMS (ISO 9001: 2008), the faculty for the training said that effective communication is an essential skill for successful business and relationships. The topics covered include Key to Better Personality, Life Skills, Understanding Communication, Non-verbal Communications, Reading Voice Modulations, Body Language & Psychology, Developing Writing Skills, Preparation of memory Cards and Slides and Power Point Preparation.



Training on Enhancing Supervisory Skills

### Training Program Enhancing Supervisory Skills, Pune

October 26, 2010

ACMA (WR) organised a Training Programme on Enhancing Supervisory Skills, provide Supervisors the basic knowledge to achieve their full potential as effective and efficient team leaders topics covered were Developing positive attitudes and habits, Interpersonal skills, Planning and setting objectives, Delegation, Decision making, Problem solving and Time Management. The objective of training program was to develop key skills like - Guiding the Work - Organizing the work - Developing the subordinate staff - Managing performance and building and managing relations. Mr. S.G. Apte - ISO lead Assessor and Director GAPSET Consultancy was the faculty for the training program.



Program on Attitudinal Change for Performance Improvement

### Training Program Attitudinal Change for Performance Improvement, Pune

November 11, 2010

ACMA (WR) organised a one day Training Programme on "Attitudinal Change for Performance Improvement", which focused on development of thinking abilities of employees for organisational benefit and for their own benefit to make them self motivator. The topics covered included Developing Positive Attitude and Habits for life's success and motivation; Understanding Quality Mindset and Quality Body; Quality commitment as part of changed culture (through Quality Oath), Overview of tools which help us in improving performance in industrial scenario. Mr. Vinay Kelkar - ISO lead Assessor was the faculty for the training programme.

### Module -5 & Certification Ceremony of Training Programme on Creation of In-house Trainers, Course 1 & 2, Pune

September 9, 2010

The 1st batch of unique training programme "Creation of In-house Trainers" organized by ACMA (WR) with support from ACT concluded with certification ceremony. Mr. Surinder Kanwar said that in today's competitive world one can sustain growth only through innovation, which lead to this program.

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### Training Program Hydraulics, Pune

November 16, 2010

The Training program focused on important basics to Hydraulics and covered topics like Fluid Power; Hydraulic Pumps; Hydraulic Valves; Hydraulic Cylinders; Leakage prevention; Contamination control; Analysis of Power consumption and heat generated; Energy conservation; and Exposure to various critical applications. The objective of training programme was to enable the participants to have better understanding about minimising the break down, energy conservation, enhancement of equipment and overall improvement in productivity. Mr. Harcharan Singh, Principal Technical Consultant and Industrial Trainer, Quantum Leap Engineering Consultancy, Pune was the faculty for the training programme.



Training on Hydraulics

### Visit to & Interaction with Minda Industries Ltd., Chakan, Pune

November 19, 2010

ACMA (Western Region) organised visit to & interaction with Minda Industries Ltd. ( Switch Division) Chakan, were the members from Northern, Southern and Eastern Region also joined the visit. Welcoming the ACMA delegation Mr. Niteen G. Inamdar, Vice President -Operation & Unit Business Head, Minda Industries presented a brief overview on the company and Chakan Plant. During the plant tour the members observed the successful implementation of best practices like TPM, POKA-YOKE and 5S etc. during plant visit. The members also got the opportunity to see the implementation of JIT system that is being used for supply to Bajaj Auto.



Visit to Minda Industries Ltd.

### Workshop on Quality Circle, Satara

December 23, 2010

ACMA (WR) organised a workshop on Quality Circle at QH Talbros Plant in Satara. Mr. Vinay Kelkar - an ISO lead Assessor was the faculty.



Workshop on QC

### Workshop on Quality Circle, Pune

January 4, 2011

Based on the feedback from membership to train their personnel about Quality Circle, Its Methodology and benefits, ACMA (WR) organised a Workshop on Quality Circle. Mr. Vinay Kelkar - an ISO lead Assessor was the faculty. The content included Concept, history

and philosophy of Quality Circles; Present environment; How to organize Quality Circles; How to decide objectives; Idea generation; Problem identification and categorization; Statistical tools used in Quality Circle activity; Steps for Documentation; Presentation of Circle activities and Assessment of understanding

**Visit to & Interaction with NRB Bearings Ltd., Aurangabad**

January 18, 2011

NRB Bearings Ltd. Waluj Plant in Aurangabad is looked as a go-getter in terms of applying and implementing best practices such as TPM, Kaizen, Poka-Yoke, New Product development and In-House automation. To learn from their experiences and achievements ACMA Western Region organised a visit to & interaction with the Company. Presenting a brief overview of the company Mr. B. Venkatraman, Senior General Manager, NRB Bearings Ltd said that the company has been able to reduce break downs, defects and accidents significantly by Autonomous maintenance. He also mentioned about successful automation of assembly lines with robust QA system. Interacting with Ms. Harshbeena Zaveri, Managing Director of the Company , after the plant visit, members mentioned that the In-house automation done in the company was an eye opener.



Interaction with NRB Bearings Ltd.



3rd SMED Competition

**Visit to & Interaction with Endurance Technologies Ltd., Aurangabad**

January 18, 2011

A visit to & interaction with Endurance Technologies Ltd. Waluj was organized by ACMA (WR). Mr. Biswajit Choudhury, Group Vice President (Aftermarket & Exports), Endurance Technologies Ltd. presented a brief overview of the company. The ACMA delegation got the opportunity to visit three plants viz- Aluminium castings, suspension, transmission and the R&D Center. The members appreciated the best practices such as TPM, Kaizen , Pokayoke, etc. by the Company.

**3rd SMED (Single Minute Exchange of Dies) Competition, Pune**

February 12, 2011

At the third edition of SMED (Single Minute Exchange of Dies) Competition, Mr. S.M. Shah, SBU Head (Bearings), Kirloskar Oil Engines Ltd. said that such platform provide much needed exposure to the membership on various methods of improvements. Innovation in the process in dailiy life starts from home, said Mr. P. B. Kulkarni , Vice President, DJR Delux Bearings Lt. in his address at the valedictory session. Elimination of waste and increase productvity is the same thing, he added. Mr. Kulkarni gave away the certificates of participation to the SMED teams and the trophies to the winning teams. The winners were selected by a panel of eminent Jury members that include Mr. Vijay Kumar Gokhale from Mahindra & Mahindra, Mr. Rahul Daga from Force Motors and Mr. Parag Auty from Tata Motors.

**Training Programme on FMEA, Pune**

February 26, 2011

Continuing its efforts to build competency, one day training program on Failure Mode Effect Analysis (FMEA) was organized with the objective to provide an opportunity to the ACMA members to train their personnel on various aspects of FEMA. The content of the training programme include Types & FMEA applicability, Who initiates FMEA, who acts on AMES, Link between DFMEA, PFMEA and Control plans, Flow chart, block or boundary diagrams, Methodology & Risk assessment using recommended formats etc. Mr. Vinay Kelkar - an ISO lead Assessor was the Faculty for the programme.

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### Workshop on Workplace Improvement through Team Building, Nashik

March 9, 2011

It is the work force who actually performs and produces. Therefore it is important to enhance motivation of employees through team building which results in Best utilization of Key Assets (5M) of organization Man, Machine, Method, Material, Money. With this objective a workshop on Workplace Improvement through Team Building was organized in Nashik. The Workshop was focused on to develop the thinking abilities of employee for organizational benefit.

### Export Drive Initiatives

#### Interaction with delegation from Hiroshima Prefecture, Japan, Pune

November 10, 2010

ACMA (WR) organised an interactive session with delegation from Hiroshima Prefecture, Japan led by Mr. Shitanaka, President of SHIGMA Corporation, Japan. The session followed by networking reception which was sponsored by Japan External Trade Organisation (JETRO), Mumbai. The session provided an opportunity to members to meet and interact with the delegation for possible cooperation and strengthening linkages by way of technology transfer, partnership, JV, etc. Earlier, welcoming the delegation Mr. Kirti Rathod, Deputy Chairman, Western Region, ACMA, mentioned that it is Japan who brought revolution to the Indian automotive industry by partnering with Maruti and was hoped the trend would continue.

### OEM Interactions

#### Visit to & Interaction with Mahindra Navistar, Chakan, Pune

November 19, 2010

In line with to keep in touch with customers, ACMA (WR) organised visit to Mahindra Navistar, Chakan Plant, members from Northern, Southern and Eastern region also joined the visit. Mr. Rakesh Kalra, Managing Director, Mahindra Navistar received the ACMA delegation. Mr. Surinder Kanwar, Chairman, Western Region mentioned that ACMA firmly believes that it is important to have regular interaction with customers for mutual benefit and to understand future plan.

Welcoming the ACMA delegation, Mr. L.P. Pereira, CEO, Mahindra Vehicle Manufacturers gave a brief overview of the Mahindra Chakan Facility. The plant



Delegation from Japan



Visit to Mahindra Navistar

visit included Press shop and Body & Final assembly shop. During the press shop visit members saw effective use of Natural Topography for Press Pit and Scrap Tunnel. The members also got to see flexible setup to accommodate 83 models and Sequencing poka-yoke system while visiting Body & Final assembly shop.

### Other Programmes

#### 2nd meeting of ACMA WR CEOs Forum, Pune

May 14, 2010

Speaking at the 2nd meeting of ACMA WR CEOs Forum, Mr. Surinder Kanwar, Chairman (WR), ACMA, discussed the industry related issues namely,

- a.) **Hedging - Foreign Exchange:** Mr. Sanjay Sinha, CEO, Indo Schottle Auto Parts Pvt. Ltd. and suggested that ACMA (WR) should organize a workshop / meeting with experts on hedging –Foreign Exchange in order to reduce the loss on export to the extent possible.



Interaction with President & VP, ACMA



1st Kaizen Contest

- b.) **Raw Material Cost:** The issue of steep hike in steel and other raw material cost was raised and suggested that the issue should be raised with Mr. S D Ganage, Chairman, Raw Materials.
- c.) **Product Liability:** Mr. Dinesh Munot, Past President, ACMA & MD ZF Steering Gear (India) Ltd. said that there is need to educate the members on this particular subject.

**Interaction with President & Vice President, ACMA, Pune**

October 7, 2010

An interactive session with ACMA President, Mr. Srivats Ram and VP, Mr. Arvind Kapur was organised. Mr. Rakesh Batra, Partner and Automotive Sector leader in India, Ernst & Young made a presentation on Vision 2020. Mr. Surinder Kanwar, Chairman (WR), ACMA, mentioned that such interaction with the leadership of ACMA provides opportunity to understand the industry's scenario and gather

relevant information to meet the challenges ahead. Speaking on the occasion Mr. Srivats Ram, gave a brief overview of how automobile and auto component industry in India performed since 2004-05 and presented the forecast for 2010-11. Emphasizing membership development, Mr. Arvind Kapur briefed members on various services being provided by ACT particularly new services like ACT NPD Cluster and Engineering Cluster.

**New Initiatives**

**Module-1 of Training Programme on "Creation of In-house Trainers" Course -2, Pune**

April 14, 2010

Under new initiatives taken by the ACMA (WR) with the support of ACT developed a new training programme called "Creation of In- house Trainers". This programme has two courses. Course -1 for productivity improvement and the course-2 for Inventory management. Welcoming the participants at the launch of the programme Mr. Kiriti Rathod, Zonal Coordinator, Pune & Executive Chairman, Luxite Industries Ltd. said that this unique training programme is entirely a new concept driven by ACMA Western Region with support from ACT. Mr. Rajiv Mandke briefed the participants on the entire training programme and faculty.

**1st ACMA (WR) Kaizen Contest & Conference, Pune**

December 10, 2010

Mr. P. V. Inamdar, President (Manufacturing), Force Motors Ltd. and the Chief Guest, said that it as amazing to see the amount of work done by the young engineers for continuous improvement. It shows the potential ACMA members can achieve, he added. Mr. Kirti Rathod, Deputy Chairman, ACMA, WR & Executive Chairman of Luxite Industries mentioned that Kaizens can be implemented in the industry by improving every aspect of business process.

**Visit to & Interaction with NEC, Nashik**

December 17, 2010

ACMA (WR) organized a visit to and interaction with Nashik Engineer Cluster (NEC). During the visit, Mr. M.B. Khadilkar, CEO, NEC stated that NEC would like to associate with ACMA and could offer hosts of services specially to the members based in Nashik. Mr. K.S. Patil, VP (Operations.), NEC made a presentation

## CHRONICLES

on various services that NEC offers. He mentioned that ACMA members may use the facilities created at NEC to upgrade their product quality. Mr. Balbir Singh Chhabra, Zonal Coordinator-Nashik, ACMA said that such facility is helpful for testing and new product development.

### Interactive Session with auto component manufacturers followed by Dinner, Nashik December 17, 2010

Continuing the tradition to visit and interact with ACMA Award winning companies in order to see and learn the best practices adopted/implemented by the company, a visit to Metaforge Engineering India Pvt. Ltd Nashik, was organised. Mr. Kaustubh Mehta, Director, Metaforge Engineering India Pvt. Ltd., made a presentation on company profile. ACMA (WR) organised visit to Mahindra & Mahindra Ltd., Nashik Plant. Few members from Northern region also joined the visit. Mr. Kiran Rakhe, General Manager, and Mr. Sandeep Naik, Deputy General Manager M & M respectively with their team members interacted with ACMA members. Mr. Rakhe gave a brief overview of the Mahindra Nashik Plant. The plant visit included Press shop and Body & Final assembly shop. During Plant visit (Press shop). Mr. Balbir Singh Chhabra, Zonal Coordinator-Nashik, ACMA while interacting, said that the component manufacturers are continuously making efforts to meet the expectations of OEMs and in this regard ACMA does help the industry by organizing various activities for performance improvement. A presentation on ACMA's Vision and its services was made by Mr. Balbir Chhabra.

### Training Program on Advance 5S, Pune March 23, 2011

In order to provide insight of the next level of 5S, ACMA (WR) organized a program on Advance 5S Methodology for Efficient Work place management. The program provided opportunity to the membership to train their personnel on the next level of 5S. The Course Content included Overview of 5S Methodology, Significance of Efficient Work place management, Steps for Implementing Advance 5S, Check-list Audit and Audit Criteria, 5S as Pillar of Kaizen, TPM & JIT, Hurdles in 5S Success etc. Mr. Harcharan Singh, Principal Technical Consultant and Industrial Trainer, was the faculty.



Visit to NEC



Training on Advance 5S





# Activity Report 2010-11

## ■ Golden Jubilee Celebrations

August 10, 2010 Celebrations of 50 Glorious Years of Partnership & Service to the industry, New Delhi

## ■ Annual Session & National Conference

August 27, 2010 50th Annual Session & National Conference on "Sustaining Growth by Leveraging Capacity, Skills and Technology", New Delhi

## ■ Executive Committee Meetings

June 5, 2010 5th Meeting of ACMA Executive Committee : 2009-10, New Delhi

- Presentation by ACMA's Knowledge Partner – Ernst & Young on "Re- Manufacturing"
- Presentation on "Modernisation & Operation of Terminal 3 of Delhi International Airport" & Site Visit to the newly built T3 International Airport Terminal

July 20, 2010 6th & Final Meeting of the ACMA Executive Committee for 2009-10, Mumbai

August 27, 2010 1st Meeting of the ACMA Executive Committee for 2010-11, New Delhi

October 8, 2010 2nd Meeting of the ACMA Executive Committee for 2010-11, Pune

January 11, 2011 3rd Meeting of the ACMA Executive Committee for 2010-11, Jamshedpur

- Interactive Session with Mr. H. M. Nerurkar, MD, Tata Steel

March 18, 2011 4th Meeting of the ACMA Executive Committee for 2010-11, Gurgaon

- Presentation by ACMA's Knowledge Partner - Ernst & Young on "the implications of the Union Budget 2011-2012"

## ■ Regions

### Eastern Region

#### Building Competencies

May 28, 2010 Seminar on Predictive & Preventive Maintenance on CNC, Jamshedpur

September 24, 2010 Seminar on Autonomous Maintenance, Jamshedpur

October 11, 2010 Practical shop floor training on Autonomous Maintenance Jamshedpur

November 16, 2010 Training Program on Team Building, Jamshedpur

November 30, 2010 Training Program on My machine, Autonomous Maintenance, Kolkata

January 25, 2011 Muda Identification & Kaizen, Jamshedpur

February 19, 2011 Workshop on IS, 2S & Safety, Jamshedpur

February 28, 2011 Workshop on IS, 2S & Safety, Kolkata

#### OEM Interactions

May 12, 2010 Visit to & Interaction with Timken India Ltd., Jamshedpur

June 16, 2010 Visit to & interaction with Tata Cummins Ltd., Jamshedpur

September 24, 2010 Meeting of the Office Bearers, ACMA(ER) with the New Plant Head, Tata Motors Ltd., Jamshedpur

#### Regional Council Meeting

June 16, 2010 Third Meeting of the Regional Council (2009-10), Jamshedpur

September 9, 2010 First meeting of the reconstituted Regional Council (2010-11), Jamshedpur

December 1, 2010 Second Regional Council Meeting, Kolkata

**Other Programmes**

July 15, 2010	Visit & Interaction with R. S. B. Transmissions (I) Ltd., Jamshedpur
October 28, 2010	ACMA President & Vice- President's interaction with members
December 1, 2010	Chairman's interaction with the members, Kolkata
December 2, 2010	CEO's visit to Northern Region, Ghaziabad
January 11, 2011	New office Inauguration, Centre for Excellence, Jamshedpur

**New Initiatives**

April 6, 2010	Programme on Cluster Awareness, Jamshedpur
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**Northern Region****Building Competencies**

April 5, 2010	Training Programme on Empowerment & Art of Delegation, Rohtak
April 9, 2010	Training Programme on SMED, New Delhi
April 23, 2010	Training Programme on 5S – The Way of Life, New Delhi
April 30, 2010	Training Programme on Visual Display, New Delhi
May 13-14, 2010	Two Days Workshop on GD & T, New Delhi
May 19, 2010	Training Programme on Autonomous Maintenance, Ludhiana
May 24 -25, 2010	Two Days Workshop on FMEA, New Delhi
June 9, 2010	Training Programme on Kaizen, New Delhi
June 14-16, 2010	Launch & Module I of 11th Batch of Six Sigma Black Belt Certification Programme, New Delhi
June 18, 2010	Training Programme on Leadership Development Skills, Gurgaon
July 9, 2010	7th Regional Quality Circle Competition, New Delhi
July 15-16, 2010	Workshop on Statistical Process Control (SPC), New Delhi
August 2-5, 2010	Module II of 11th Batch of Six Sigma Black Belt Certification Programme, New Delhi
August 7, 2010	5th National Quality Circle Competition, New Delhi
September 9-10, 2010	Two Days Workshop on Introduction to Lean Tools, Gurgaon
September 13-15, 2010	Module III of 11th Batch of Six Sigma Black Belt Certification Programme, New Delhi
September 17, 2010	Training Programme on Quality Circles, New Delhi
September 23, 2010	Training Programme on Goal Setting & Motivation, New Delhi
September 29-30, 2010	Workshop on Value Analysis & Value Engineering, Gurgaon
October 25-27, 2010	Module IV of 11th Batch of Six Sigma Black Belt Certification Program, New Delhi
October 29, 2010	Training Program Autonomous Maintenance, New Delhi
November 12-13	Training Program Enhancing Personal Effectiveness, New Delhi
November 17-18, 2010	Workshop on 7-Tools of QC, New Delhi
November 19, 2010	Training Program Waste Elimination, New Delhi
November 24-25, 2010	Module V of 11th Batch of Six Sigma Black Belt Certification Program, New Delhi
November 25, 2010	Certification Ceremony of 11th Batch of Six Sigma Black Belt Certification Program, New Delhi
December 3, 2010	Training Program Safety, New Delhi
January 8, 2011	Training Program on Poka Yoke, Ludhiana
January 17-19, 2011	Launch of 4th Batch & Module I of Green Belt Six Sigma Certification Programme, New Delhi
January 21-22, 2011	Workshop on GD & T, New Delhi
January 28-29, 2011	Training Programme on Effective Communication Skills, New Delhi
February 24-25, 2011	Workshop on Value Stream Mapping, New Delhi
March 4, 2011	Training Programme on Total Employee Involvement, Rohtak
March 7-8, 2011	Module II & Certification Ceremony of 4th Batch of Green Belt Six Sigma Certification Programme, New Delhi

**Export Drive Initiatives**

February 18-19, 2011	Buyer-Seller Meet (with SME Committee), Ludhiana
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**OEM Interactions**

April 19, 2010	Plant Visit & Interaction with Honda Siel Cars India Ltd., Greater Noida
October 22, 2010	Interaction with Mr. Shinzo Nakanishi, MD & CEO, Maruti Suzuki India Ltd., New Delhi

**Regional Council Meeting**

September 30, 2010	First Regional Council Meeting, New Delhi
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**Other Programmes**

July 27, 2010	Seminar on Sources of Finance for Small and Growing Business, New Delhi
October 6, 2010	Interaction with Mr. Norbert Goss, Head of Foreign Investment Wtsch, Germany, New Delhi
October 22, 2010	Members' Meet with President & Vice President, ACMA, New Delhi
December 14, 2010	Interaction with Dr. Andrew Brown, Jr., SAE President, New Delhi

**New Initiatives**

December 15, 2010	First SMED Competition, New Delhi
December 17, 2010	Workshop on Shop Floor to Top Floor, Gurgaon

**Southern Region****Building Competencies**

April 5-8, 2010	5th & Final Module of 6 Sigma Training Programme, Chennai
April 8, 2010	Certification ceremony of the 7th Batch of 6 Sigma Trainees, Chennai
April 19-21, 2010	Six Sigma Black Belt Certification (Level-1) Module IV, Bangalore
April 22, 2010	ACMA (SR) HR Conference on Performance Excellence through People Management, Chennai
April 26-27, 2010	ACMA-CBI workshop on Cost Price Calculations and Negotiations, Chennai
May 26, 2010	Workshop on 7QC Tools, Bangalore
May 29, 2010	Workshop on Value Analysis & Value Engineering, Chennai
June 3-5, 2010	Six Sigma Black Belt Certification (Level-1) Module V, Bangalore
July 18, 2010	5th ACMA SR QC Competition, Chennai
October 22, 2010	Workshop on Activity Based Costing, Bangalore
October 23, 2010	Workshop on Activity Based Costing, Chennai
October 28, 2010	Launch of 8th Batch of 6 Sigma Black Belt Training Program Chennai
November 23, 2010	Workshop on VA/VE, Bangalore
December 8, 2010	Launch of 3rd Batch of Six Sigma Black Belt Training Program, Bangalore
December 9-10	Module-II Six Sigma, Chennai
December 17, 2010	2nd ACMA (SR) Kaizen Contest & Conference, Bangalore
January 8, 2011	Workshop on FMEA, Chennai
January 13, 2011	Module-II Six Sigma, Bangalore
January 28, 2011	Workshop on FMEA, Bangalore
February 10-12, 2011	Module-2a Six Sigma, Bangalore
February 17, 2011	Module-3 Six Sigma, Chennai
February 18, 2011	Sharing of Best Practices Visit to Rane Brake Lining Ltd., Chennai
February 26, 2011	Sharing of Best Practices Visit to Stumpp, Schuele & Somappa Springs Pvt. Ltd., Bangalore
February 28, 2011	Workshop on Effective Communication Skills, Chennai
March 18-19, 2011	Workshop on GD&T, Bangalore
March 21-23, 2011	Module-3 Six Sigma, Bangalore

**Export Drive Initiatives**

June 9-10, 2010	ACMA-Forum Indien – India-Europe Automotive Supplier Meeting, Bangalore
October 27, 2010	Interaction and 1:1 meeting with the visiting Swedish Delegations, Chennai
November 19, 2010	One-to-One meeting with the visiting Austrian Automotive Delegation, Chennai
January 18, 2011	Interaction with the Visiting Automotive Delegation from France, Chennai
February 3, 2011	IPO Conference, Chennai
February 8, 2011	Interaction and One-to-One Meet with the visiting delegation from Japan, Chennai

**Government Interactions**

April 8, 2010	Meeting with Mr. M. Velmurugan, Vice Chairman – Guidance Bureau, Govt. of Tamil Nadu on Auto Policy for Tamil Nadu, Chennai
May 29, 2010	Meeting to discuss Global Investors Meet Presentation, Bangalore
June 3-4, 2010	Presentation & Participation at the Global Investors Meet organized by the Govt. of Karnataka, Bangalore
October 18, 2010	Meeting with Industry Secretary – Tamil Nadu on Skill & Employment, Chennai
November 4, 2010	Meeting with Ms. Selvi Apoorva (IAS), Industries Department, Govt. of Tamil Nadu on Job Fair, Chennai
November 9, 2010	Meeting with Chief Secretary – Tamil Nadu on the Skill & Job Fair, Chennai
November 18, 2010	Meeting with Mr G S Kulkarni, Director (Technical Cell), Industries & Commerce Department, Govt. of Karnataka, Bangalore
November 21, 2010	Members participation at the “Employable Skill Training to the Unemployed Educated Youth” Fair organized by Govt. of Tamil Nadu, Thiruvallur Dist. Tamil Nadu
November 30, 2010	Members participation at the “Employable Skill Training to the Unemployed Educated Youth” Fair organized by Govt. of Tamil Nadu Tiruvarur (Nagapattinam Dist.), Tamil Nadu
December 4, 2010	Members participation at the “Employable Skill Training to the Unemployed Educated Youth” Fair organized by Govt. of Tamil Nadu, Krishnagiri (Dharmapuri) Distt., Tamil Nadu
January 7, 2011	Members participation at the “Employable Skill Training to the Unemployed Educated Youth” Fair organized by Govt. of Tamil Nadu, Ariyalur / Perambalur, Tamil Nadu
January 8, 2011	Members participation at the “Employable Skill Training to the Unemployed Educated Youth” Fair organized by Govt. of Tamil Nadu, Pudukottai, Tamil Nadu
January 21, 2011	Members participation at the “Employable Skill Training to the Unemployed Educated Youth” Fair organized by Govt. of Tamil Nadu, Virudunagar, Tamil Nadu

## ACTIVITY REPORT

January 22, 2011	Members participation at the “Employable Skill Training to the Unemployed Educated Youth” Fair organized by Govt. of Tamil Nadu, Tuticorin, Tamil Nadu
January 25, 2011	Interaction with the Director General for Foreign Trade at the FIEO Meeting, Chennai
January 28, 2011	Members participation at the “Employable Skill Training to the Unemployed Educated Youth” Fair organized by Govt. of Tamil Nadu, Ramanathapuram, Tamil Nadu
January 29, 2011	Members participation at the “Employable Skill Training to the Unemployed Educated Youth” Fair organized by Govt. of Tamil Nadu, Sivagangai, Tamil Nadu
February 24, 2011	Interaction with Mr. Santosh Misra, IAS, Member Skill Commission, Govt. of Tamil Nadu on Skill & Employment Scheme & Fair, Chennai

### OEM Interactions

June 14, 2010	Visit to TAFE & Sharing of Best Practices Visit to Sundram Fasteners Ltd., Madurai
September 30, 2010	Visit to & Interaction with Senior Management of Ford India Pvt. Ltd., Chennai

### Regional Council Meeting & Coordination with Members

April 8, 2010	2nd Meeting of Members of Chennai & Nearby, Chennai
April 17, 2010	6th Monthly Meeting of Karnataka and Hosur 2009-10, Bangalore
May 8, 2010	7th Monthly Meeting of K&H, Bangalore
June 12, 2010	8th Monthly Meeting of K&H Members, Bangalore
July 3, 2010	9th Monthly Meeting of K&H Members, Bangalore
August 13, 2010	10th Meeting of K&H Members, Bangalore
August 27, 2010	Meeting of Regional EC Members on Workplan for 2010-11, Delhi
October 4, 2010	1st Teleconference of the ACMA (SR) Regional Committee 2010-11, Chennai
October 25, 2010	Members Interaction with President & Vice President, ACMA & Presentation on Vision 2020, Chennai
October 25, 2010	1st meeting of Karnataka & Hosur Members, Bangalore
October 25, 2010	Members Interaction with President & Vice President, ACMA & Presentation on Vision 2020, Bangalore
February 18, 2011	ACMA Chennai & Nearby Members Meet, Chennai
February 26, 2011	ACMA Karnataka & Hosur Members Meet, Bangalore
March 9, 2011	ACMA Chennai & Nearby Members Meet & discussions on Budget 2011-12, Chennai
March 11, 2011	ACMA Karnataka & Hosur Members Meet & discussions on Budget 2011-12, Bangalore

### Other Programmes

April 17, 2010	Presentation on Machine Vision by TIFAC, Bangalore
June 10, 2010	Meeting with Mr. Michael Boneham, President & Managing Director, Ford India Pvt. Ltd. on ACMA Awards, Chennai
June 12, 2010	Presentation on Income Tax benefits for R&D expenses, Bangalore
July 3, 2010	Interaction with IDBI Bank on understanding the Auto Component Industry's needs on Finances, Bangalore
January 20-26, 2011	Participation in IMTEX 2011, Bangalore
January 20, 2011	Delegation to IMTEX 2011, Bangalore

### New Initiatives

July 7, 2010	Conference on Safety, Chennai
August 6, 2010	Workshop on IT for SMEs – Shop Floor to Top Floor, Chennai
September 22, 2010	“Design-to-Value” Roundtable with Experts from McKinsey & Company, Chennai
October 27, 2010	Interactive Session with McKinsey and Co. on Aerospace & Defence Sector, Chennai
November 29, 2010	ACMA (SR)-YBLF Managing Growth National Conference on “The Changing Face of Leadership”, Chennai
December 15, 2010	Visit to & Interaction with Infosys Technologies Ltd., Bangalore
January 20, 2011	Interaction with Fraunhofer Institutes, Bangalore

## Western Region

### Building Competencies

May 5, 2010	Conference on “Productivity Improvement through Low Cost Automation”, Pune
May 11, 2010	Module -1 of Training Programme on Creation of In-house Trainers, Course-1, Pune
May 12, 2010	Module -2 of Training Programme on Creation of In-house Trainers, Course-2, Pune
June 8, 2010	Module -2 of Training Programme on Creation of In-house Trainers, Course-1, Pune
June 9, 2010	Module -3 of Training Programme on Creation of In-house Trainers, Course-2, Pune
June 26, 2010	Training Programme on SPC & SQC, Pune
July 7, 2010	Module -4 of Training Programme on Creation of In-house Trainers, Course-2, Pune
July 8, 2010	Module -3 of Training Programme on Creation of In-house Trainers, Course-1, Pune

July 17, 2010	5th Quality Circle Competition, Pune
September 9, 2010	Module -5 & Certification Ceremony of Training Programme on Creation of In-house Trainers, Course 1& 2, Pune
September 29, 2010	Training Programme on Effective Communication Skills, Pune
October 26, 2010	Training Program Enhancing Supervisory Skills, Pune
November 11, 2010	Training Program Attitudinal Change for Performance Improvement, Pune
November 16, 2010	Training Program Hydraulics, Pune
November 19, 2010	Visit to & Interaction with Minda Industries Ltd., Chakan, Pune
December 23, 2010	Workshop on Quality Circle, Satara
January 4, 2011	Workshop on Quality Circle, Pune
January 18, 2011	Visit to & Interaction with NRB Bearings Ltd., Aurangabad
January 18, 2011	Visit to & Interaction with Endurance Technologies Ltd., Aurangabad
January 20, 2011	Conference on Effective HR Practices, Pune
February 12, 2011	3rd SMED (Single Minute Exchange of Dies) Competition, Pune
February 26, 2011	Training Programme on FMEA, Pune
March 9, 2011	Workshop on Workplace Improvement through Team Building, Nashik

## Export Drive Initiatives

November 10, 2010	Interaction with delegation from Hiroshima Prefecture, Japan, Pune
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## OEM Interactions

November 19, 2010	Visit to & Interaction with Mahindra Navistar, Chakan, Pune
December 17, 2010	Visit to & Interaction with Mahindra & Mahindra Ltd., Nashik

## Regional Council Meeting

June 30, 2010	ACMA WR Committee Meeting, Mumbai
February 8, 2011	ACMA WR Committee Meeting, Mumbai

## Other Programmes

April 1, 2010	Circulation of 24th Fortnightly Press Reports on Automotive Industry 2009-10, Mumbai #
May 14, 2010	2nd meeting of ACMA WR CEOs Forum, Pune
August 25, 2010	Inauguration of ACMA Pune Office, Pune
September 1, 2010	Meeting with Indo-Italian Chamber of Commerce & Industry, Mumbai
September 4, 2010	Participation at 2nd Special Steels Convention organized by Steel World Magazine, Pune
September 7, 2010	Meeting with JETRO, Mumbai
October 7, 2010	WR Members' Interaction with President & Vice President, ACMA, Pune

## New Initiatives

April 14, 2010	Module-1 of Training Programme on "Creation of In-house Trainers" Course -2, Pune
August 20, 2010	Seminar on "Schemes available for SMEs: Opportunity to Seize", Pune
December 10, 2010	1st ACMA (WR) Kaizen Contest & Conference, Pune
December 17, 2010	Visit to & Interaction with Nashik Engineering Cluster (NEC), Nashik
December 17, 2010	Interactive Session with auto component manufacturers followed by Dinner, Nashik
January 20, 2011	Launch of HR Forum, Pune
March 23, 2011	Training Programme on Advance 5S, Pune

# Subsequently, the Fortnightly Press Reports on Automotive Industry for 2010-11 were circulated on April 16, 2010; May 3, 2010; May 17, 2010; June 1, 2010; June 16, 2010; July 1, 2010; July 15, 2010; August 2, 2010; August 16, 2010; September 1, 2010; September 16, 2010; October 1, 2010; October 15, 2010; November 1, 2010; November 16, 2011; December 1, 2010; December 16, 2010; January 1, 2011; January 15, 2011; January 31, 2011; February 15, 2011; March 1, 2011; March 15, 2011; March 31, 2011.

## ■ ACMA Centre for Technology (ACT) Division

### Publications

May 15, 2010	Release of 10th Issue of "ACT now", New Delhi
August 27, 2010	Release of 11th issue of "ACT now", New Delhi
January 22, 2011	Release of 12th Issue of "ACT now", New Delhi

### ACMA Awards 2009-10

May 24, 2010	ACMA Awards last date for application submission, New Delhi
June 15, 2010	Submission of Summary Sheet Reports to Jury.
July 6, 2010	ACMA Awards 1st Jury Meeting, New Delhi
July, 2010	Plant visit to Short-listed companies under Quality & Productivity and Manufacturing Excellence and submission of Reports to Jury- II companies visited all over India
August 27, 2011	Distribution of ACMA Awards in ACMA's AGM

## ACTIVITY REPORT

### ACT AOTS Training Programmes

July 28-10, 2010	ACT AOTS training on Production Management (INAC), Japan
November 18-19, 2010	ACT AOTS Training Program on Productive Maintenance, New Delhi
November 22-23, 2010	ACT AOTS training Program on Productive Maintenance, Pune

### ACT Cluster Approach

April 21, 2010	ACT Foundation Cluster- V (SR) - 5th MRM, Chennai
April 25, 2010	ACT Foundation Cluster- V (WR) - 5th MRM, Aurangabad
April 27, 2010	ACT Advance Cluster 2 - 5th MRM, Ludhiana
April 28, 2010	ACT Foundation Cluster- V (NR) - 5th MRM, Bawal
May 14, 2010	ACT SME Cluster (SR) - 1st MRM, Bangalore
May 21, 2010	ACT Foundation Cluster-V (NR) - 6th MRM, Ghaziabad
May 22, 2010	ACT Foundation Cluster-V (SR) - 6th MRM, Chennai
May 23, 2010	ACT Advance Cluster 2 - 6th MRM, Belgaum
May 29, 2010	ACT Foundation Cluster- V (WR) - 6th MRM, Rajkot
June 10, 2010	Meeting for finalizing Road Map and deliverables for NPD Cluster, Chennai
June 25, 2010	Launch of ACT SME (ER) and ACT Foundation Cluster VI (ER), Jamshedpur
June 22, 2010	ACT Foundation Cluster 5 - 7th MRM (NR), Bawal
June 26, 2010	ACT Advance Cluster 2 - 7th MRM, Bangalore
June 28, 2010	ACT Foundation Cluster 5 - 7th MRM (SR), Bangalore
July 3, 2010	Closing of 3rd ACT SME Cluster (NR), Manesar
July 15, 2010	ACT SME Cluster (SR) - 3rd MRM, Bangalore
August 25, 2010	ACT Foundation Cluster 5 (NR) - 8th MRM, Faridabad
August, 2010	ACT Foundation Cluster 5 (SR) - 8th MRM, Chennai
August 18, 2010	ACT Advance Cluster 2- 8th MRM, Vadodara
August 16, 2010	ACT SME Cluster (SR) - 4th MRM, Bangalore
August 25, 2010	Launch of Basic Cluster (ER), Jamshedpur
September 6, 2010	ACT Foundation Cluster (WR) - 8th MRM, Pune
September 15, 2010	ACT SME Cluster (SR)- 5th MRM, Bangalore
September 21, 2010	ACT Foundation Cluster 5 (NR) - 9th MRM, Gurgaon
September 17, 2010	ACT Foundation Cluster 5 (SR) - 9th MRM, Bangalore
September 25, 2010	Advance Cluster 2- 9th MRM, Faridabad
September 29, 2010	ACT Foundation Cluster 5 (WR) - 9th MRM, Mumbra
September 2010	ACT Foundation Cluster VI - 1st MRM, Jamshedpur
September 2010	ACT SME Cluster (ER) - 1st MRM, Jamshedpur
October 9, 2010	ACT SME Cluster (SR) - 6th MRM, Bangalore
October 10, 2010	ACT Foundation Cluster V (WR)- 10th MRM, Rajkot
October 15, 2010	ACT SME Cluster (SR) - 7th MRM, Bangalore
October 20, 2010	ACT Foundation Cluster V (SR) - 10th MRM, Chennai
October 23, 2010	ACT Foundation Cluster V (NR) - 10th MRM, Bawal
October 25, 2010	ACT SME Cluster (ER) - 2nd MRM, Jamshedpur
October 26, 2010	ACT Foundation Cluster VI- 2nd MRM, Jamshedpur
October 29, 2010	ACT Basic Cluster - 1st MRM, Jamshedpur
October 30, 2010	ACT Advance Cluster 2 - 10th MRM, Manesar
November 11, 2010	ACT Foundation Cluster VI - 3rd MRM, Jamshedpur
November 12, 2010	ACT SME Cluster (ER) - 3rd MRM, Jamshedpur
November 17, 2010	ACT Advance Cluster 2 - 11th MRM, Manesar
November 21, 2010	ACT Basic Cluster (ER)- 2nd MRM, Jamshedpur
November 24-25, 2010	ACT Foundation Cluster V - 3rd Combined Review Meeting(CRM), Bawal
November 26, 2010	ACT SME Cluster (SR) - 8th MRM, Bangalore
December 4, 2011	ACT SME Cluster (ER) - 4th MRM, Jamshedpur
December 10, 2011	ACT Foundation Cluster VI - 4th MRM, Jamshedpur
December 16, 2010	ACT Foundation Cluster V (NR)- 11th MRM, Sitarganj
December 17, 2010	ACT Advance Cluster 2 - 12th MRM, Manesar
December 22, 2010	ACT Foundation Cluster V (SR) - 11th MRM (SR), Chennai
December 26, 2010	ACT Foundation Cluster V (WR)- 11th MRM (WR), Aurangabad
December 30, 2010	ACT Basic Cluster (ER) - 3rd MRM, Jamshedpur
January 12, 2011	ACT Basic Cluster (ER) - 4th MRM, Jamshedpur
January 18, 2011	ACT Foundation Cluster-V (SR)- 12th MRM, Davanagere
January 19, 2011	ACT Advance Cluster 2 - 13th MRM, Bangalore
January 19, 2011	Visit to Toyota Training Institute and Toyota Kirloskar Auto Parts, Bangalore
February 4, 2011	ACT SME Cluster (SR) - 9th MRM, Bangalore
February 5, 2011	ACT Foundation Cluster -VI (ER) - 6th MRM, Jamshedpur
February 15, 2011	ACT SME Cluster (SR) - 10th MRM, Bangaluru
February 17, 2011	ACT Foundation Cluster-V (WR) - 13th MRM, Rajkot
February 24, 2011	ACT Basic Cluster (ER) - 5th MRM, Jamshedpur

February 24, 2011	ACT Foundation Cluster V (NR) - 13th MRM, Ghaziabad
February 26, 2011	ACT Advance Cluster 2 - 14th MRM, Ludhiana
March 8, 2011	ACT Foundation Cluster VI (ER) - 7th MRM, Jamshedpur
March 12, 2011	ACT SME Cluster (ER) - 6th MRM, Jamshedpur
March 20, 2011	ACT SME Cluster (SR) - Closing Ceremony, Bangalore
March 21, 2011	ACT Foundation Cluster V - 14th Monthly Review Meeting (WR), Indore
March 23, 2011	ACT Basic Cluster (ER) - 6th Monthly Review Meeting, Jamshedpur
March 29, 2011	Inauguration of ACT Headquarters in Pune

### ACMA MIT Programme on Product Design & Development

February 8-11, 2011	ACMA-MIT Product Development Leadership Executive Program, Jaipur
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### WP.29 – World Forum for Harmonization of Vehicle Regulations

June 22-25, 2010	151st Session of WP.29 (World Forum for Harmonization of Vehicle Regulations), Geneva
November 8-11, 2010	152nd Session of WP.29, Geneva
March 7-8, 2011	153rd Session of the WP.29, Geneva

### Other Programmes / Meetings

April 6, 2010	Workshop for SME on IT Usage, Pune
May 4, 2010	Workshop on Retro-fitment of Safety Devices on In-Use Vehicles, Chandigarh
June 16, 2010	Meeting held between ACMA and NASSCOM secretariat to finalize the date and logistics for the 2nd Workshop for SMEs., Teleconference, Delhi
July 16, 2010	Data Interchange project- Appointment of consultant KPMG jointly by ACMA and SIAM, Gurgaon, Chennai
September 8, 2010	Meeting with MOHI for ACMA UNIDO Partnership Programme
November 1, 2010	Meeting with MOHI for ACMA UNIDO Partnership Programme
November 15-16, 2010	3rd Cluster Summit, Gurgaon
January 5, 2011	Meeting with MOHI for ACMA UNIDO Partnership Programme
January 22, 2011	ACMA/SIAM Fraunhofer Interaction on Technology exchange and implementation, Delhi
February 21-24, 2011	Organization of JAPIA delegation visit to Testing Centres, Gurgaon, Pune, Chennai
March 23, 2011	Interaction with Mr. Sam Pitroda in Planning Commission, Delhi

### New Initiatives

July 5, 2010	Initiative to implement Electronic Data Exchange - Joint ACMA-SIAM Working Group on IT, Chennai
July 16, 2010	Meeting with OEM, Hero Honda with the Working Group, Delhi
July 9, 2010	Case study presentation on Carbon Footprint evaluation by E&Y and TML, Pune

## ■ National Committees

### Aerospace, Defence & Railways

April 29, 2010	Meeting with HAL to discuss Buyer-Seller Meet, Bangalore @
June 15, 2010	Meeting with Mr Ajit Kumar Panda, Director-Mechanical Engg. / Production Unit, Railway Board , New Delhi
July 7, 2010	Railways Registration White Paper uploaded on ACMA website and circulated to all members
July 1, 2010	Second Working Group Committee Meeting, New Delhi
July 1, 2010	Interaction with & Presentation by Mr. Harvansh Batra, Director Sourcing (India), EADS India Pvt. Ltd., New Delhi
July 1, 2010	Interaction with & Presentation by Mr. Satish Kaura, Chairman & Managing Director, Samtel Group, New Delhi
July 16, 2010	Internal Meeting of Sub Committee & Zonal Coordinators, New Delhi
September 8, 2010	Third Meeting of Working Group Committee - Aerospace, Defence & Railways, New Delhi
September 9, 2010	Meeting of Sub Committee & Zonal Members - Railways, New Delhi
September 14, 2010	Meeting of Sub Committee & Zonal Members - Aerospace & Defence, New Delhi
September 29, 2010	Paper on Indian Railways Business Opportunities : Vision 2020 drafted, New Delhi
November 15, 2010	Meeting with Mr Satyajeet Rajan, Joint Secretary (X), Ministry of Defence, New Delhi
January 28, 2011	Members' Visit to Rail Coach Factory & International Tractor Ltd., Kapurthala & Hoshiarpur

## ACTIVITY REPORT

### Consumer Affairs & Anti Counterfeiting

June 8-9, 2010	ACMA Consumer Affairs Committee Meeting, Bangalore
September 17, 2010	Consumer Affairs Committee Meeting, Gurgaon <ul style="list-style-type: none"><li>■ Automotive Aftermarket Study</li><li>■ White paper to Government against Counterfeits</li><li>■ Common Raids</li></ul>
November 17, 2010	Asli-Naqli road show at Kashmere Gate, New Delhi
December 3, 2010	ACMA Consumer Affairs Committee Meeting, Bangalore
January 14, 2011	Meeting with Mr. Vikram Gulati, Director, Dept of Heavy Industry, New Delhi
January 14, 2011	Meeting with Mr. Ambuj Sharma, Joint Secretary, Dept of Heavy Industry, Ministry of Heavy Industry & Public Enterprises, New Delhi
January 14, 2011	Meeting with Mr. Ashok Kumar Jain, Director, Ministry of Consumer Affairs, Food & Public Distribution, New Delhi
January 14, 2011	Meeting with Mr. T V Singh, Scientist 'E' and Head TED - Bureau of Indian Standards, New Delhi
February 10-12, 2011	Asli-Naqli Show during Partmart & Autocare, New Delhi
February 11, 2011	Consumer Affairs Committee Meeting, New Delhi
February 11, 2011	Release of Aftermarket Study Book, New Delhi
February 11, 2011	Release of White Paper on legislative improvements to combat counterfeit Auto Components, New Delhi
February 22, 2011	Meeting with Mr. B. Bhanot, Former Dy Director General , DGTD, Ministry of Road Transport & Highways, New Delhi
March 8, 2011	Meeting with Mr. Anand Prakash, Director, Ministry of Road Transport & Highways, New Delhi
March 18, 2011	Meeting with Mr. R. S. Gujral, Secretary, Road Transport & Highways, New Delhi
March 18, 2011	Meeting with Mr. S. K. Dash, Jt Secy, Ministry of Road Transport & Highways, New Delhi

### Economic Affairs, WTO & KP

April 16, 2010	Meeting with Mr. Vilasrao Deshmukh, Hon'ble Minister for Heavy Industry & Public Enterprises, New Delhi
April 16, 2010	Meeting with Mr. B. S. Meena, Secretary (Heavy Industry), Ministry of Heavy Industry & Public Enterprises, New Delhi
April 22, 2010	Meeting with Knowledge Partner- Ernst & Young, New Delhi
April 22, 2010	Meeting with Mr. B. S. Meena, Secretary (Heavy Industry), Ministry of Heavy Industry & Public Enterprises, New Delhi
April 22, 2010	Meeting with Mr. Ambuj Sharma, Joint Secretary (Heavy Industry), Ministry of Heavy Industry & Public Enterprises, New Delhi
April 26, 2010	Meeting with Dr. A. P. J. Abdul Kalam, Former President of India, New Delhi
April 28, 2010	Workshop on "Strategies to increase exports of Auto and Auto Components through SEZs", New Delhi
June 28, 2010	Meeting to review deliverables and update on preparation of "Vision 2020" with Knowledge Partner – Ernst & Young, Delhi
July 8, 2010	Weekly Meeting to review preparation of "Vision 2020" with Knowledge Partner – Ernst & Young, Delhi
August 27, 2010	Release of "Vision 2020 for the Indian Auto Component Industry", New Delhi
August 28, 2010	4th Meeting of the Development Council for Automobile and Allied Industries (DCAAI), New Delhi
August 30, 2010	Participation in CII Meeting with the US Ambassador to WTO, New Delhi
August 31, 2010	Meeting with Mr. P.K. Chaudhery, Special Secretary, Department of Commerce, New Delhi
September 9, 2010	Meeting with Mr. Vilasrao Deshmukh, Minister for Heavy Industry & Public Enterprises, New Delhi
September 13, 2010	Participation in CII National Committee on Trade Meeting and Conference on WTO, New Delhi
September 16, 2010	Meeting with Dr. V. Krishnamurthy, Chairman & Mr. V. Govindarajan, Member Secretary, NMCC, New Delhi
September 16, 2010	Meeting with Mrs. Sudha Pillai, Member Secretary, Planning Commission, New Delhi
September 16, 2010	Meeting with Mr. B. S. Meena, Secretary, Department of Heavy Industry, New Delhi
September 17, 2010	Meeting with Mr. D K Mittal, Additional Secretary, Department of Commerce, New Delhi
September 17, 2010	Meeting with Dr. Suhas Pani, Chairman & Managing Director, ITPO, New Delhi
September 20-22, 2010	Participation in WTO NAMA Week, Geneva
October 22, 2010	Meeting with Mr. P.K. Chaudhery, Additional Director, Department of Commerce, Govt. of India, New Delhi
October 22, 2010	Meeting with Dr. Anup Kumar Pujari, Director General, Directorate General of Foreign Trade, Ministry of Commerce & Industry, Govt. of India, New Delhi
November 3, 2010	Pre-Budget Presentation made at 4th Meeting of the Inter Ministerial Group on Taxation, Fiscal & Investment Policy Department of Heavy Industry, Govt. of India, New Delhi
December 6, 2010	Pre-Budget Presentation made to the Finance Ministry under the Chairmanship of Revenue Secretary, New Delhi
December 6, 2010	Meeting with Mr. B.S. Meena, Secretary, Mr. Ambuj Sharma, Joint Secretary & Mr. Vikram Gulati, Director, New Delhi
December 9, 2010	Pre-Budget Meeting under the chairmanship of Joint Secretary, Department of Heavy Industry, New Delhi



December 10, 2010	DCCAI Joint Working Group Meeting on Infrastructure, HRD, Auto Designing and AMP related issues, New Delhi
December 22, 2010	Meeting between Secretary, Department of Heavy Industry and the Ambassador to the Netherlands, New Delhi
January 5, 2010	Meeting with Mr. Chaitanya Prasad, Joint Secretary, Department of Industry & Policy Promotion, New Delhi
January 13, 2011	India Thai CECA Stakeholders Meeting, New Delhi
February 1, 2011	Meeting of Committee for Economic Affairs, WTO & KP, New Delhi
February 1, 2011	Meeting with Secretary (HI), Department of Heavy Industry, New Delhi
February 2, 2011	Meeting with Knowledge Partner, New Delhi
February 9, 2011	Meeting with Secretary (HI), Department of Heavy Industry, New Delhi
February 22, 2011	Preparatory meetings of the sub-working groups of the Indo German Joint Working Group (JWG) on Automotive Sector, New Delhi
February 25, 2011	Meeting with Knowledge Partner, New Delhi
February 25, 2011	Meeting with Joint Secretary (China), Department of Commerce, New Delhi
February 28, 2011	Union Budget 2011-2012, New Delhi
February 28, 2011	Meeting with Secretary – Heavy Industry, New Delhi
March 16, 2011	Meeting with Knowledge Partner, New Delhi
March 16, 2011	Meeting of the Re-constituted Development Council for Automobile & Allied Industries (DCAAI), New Delhi
March 16, 2011	Meeting with Dr. V. Krishnamurthy, Chairman, NMCC, New Delhi
March 16, 2011	Meeting of the Development Council for Automobile & Allied Industries, New Delhi
March 17, 2011	Meeting with Mr. Praful Patel, Union Minister for Heavy Industry & Public Enterprises, Govt. of India, New Delhi
March 17, 2011	Meeting with Mr. Ambuj Sharma, Jt. Secy. and Mr Vikram Gulati Director, DHI, Govt. of India, New Delhi
March 17, 2011	Meeting with Mr. Ambuj Sharma, Joint Secretary (Heavy Industry) and UNIDO Officials, New Delhi
March 17, 2011	Meeting with Mr. Vivek Johri, Joint Secretary (TRU-I), Ministry of Finance, New Delhi
March 18, 2011	Meeting with Mr. S.K. Dash, Jt. Secretary, Ministry of Road Transport & Highways, Govt. of India, New Delhi
March 30, 2011	Participation in Interactive Session with Dr Rahul Khullar, Secretary, Department of Commerce, Ministry of Commerce & Industry, on India-EU FTA, New Delhi

### Globalisation & India Brand Building

#### Expanding Linkages with Counterparts

July 22, 2010	Meeting with Mr. Claudio Barbero, Head-Export Division, Unione Industriale Torino (UIT), ACMA's MoU Partner in Italy, New Delhi
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#### Incoming Delegations/ Meetings

June 28, 2010	ACMA & ACT Presentation on Meeting with Delegation from Cambridge University organised by UK Trade and Investment, New Delhi
August 30, 2010	Telematics Delegation from Taiwan, New Delhi
September 13, 2010	Meeting with Delegation from Automotive Parts and Accessories Retail Association (APARA), Japan, New Delhi
October 25, 2010	Business Enhancement & Partnership Opportunity: Meeting with Swedish Auto Parts Trade Delegation, New Delhi
January 7, 2011	Meeting with Dy. Minister, Ministry of Plantation Industry & Commodities Malaysia, New Delhi
January 17-21, 2011	Delegation from France organised by UBI France & FIEV (B-2-B meetings arranged by ACMA-SR), Chennai
February 14 -15, 2011	Incoming delegation from JAPIA, Osaka, Japan (B-2-B meetings arranged), New Delhi

#### India Brand Building

September 24, 2010	India Day Celebrations at 63rd IAA Commercial Vehicle Show, Hannover, Germany
January 10-11, 2011	Presentation at 2011 Common Wealth Economic Forum by Mr. Jayant Davar, Immediate Past President & Chairman-Globalisation & India Brand Building, ACMA, Taiwan

#### IPO Forum

April 30, 2010	1st IPO Forum Meeting for 2010-2011, Pune
September 9, 2010	2nd All India IPO's Forum Meeting for 2010-2011, New Delhi
February 3, 2011	2nd All India IPO Suppliers Conference, Chennai

#### Outgoing Missions

July 10-14, 2010	CEOs' Delegation to Israel: Tel Aviv
November 22-26, 2010	CEOs' Mission to Germany: Munich, Frankfurt, Wolfsburg, Wörth

## ACTIVITY REPORT

March 7-12, 2011 CEOs' Delegation to China: Beijing & Shanghai  
 March 22-23, 2011 Participation at the Automotive Workshop & B2B (Sponsorship delegation for JV/ Technology tie-up), Torino, Italy

### Specialised One-to-One Business Meetings

June 9-10, 2010 2nd Indo-Europe Automotive Supplier's meet with Bosch & other Tier 1 companies of Europe, Bengaluru

### Globalisation Committee Meetings

September 9, 2010 ACMA Globalisation & India Brand Building Committee Meeting, New Delhi  
 October 22, 2010 Meeting of the Globalisation & India Brand Building Committee, New Delhi  
 February 3, 2011 Meeting of the Globalisation & India Brand Building Committee, Chennai

### Other Programmes

April 26- May 4, 2010 Two-Days Interactive Workshop on Cost Price Calculations and Negotiations - To Defend Your Price, Chennai, Pune & New Delhi  
 June 22, 2010 ACMA Presentation at Webasto AG Supplier Day, Goa  
 July 8, 2010 Meeting with Ambassador of Israel in India, New Delhi  
 September 9, 2010 Joint meeting of ACMA Globalisation Committee & IPO Forum Members, New Delhi  
 February 3, 2011 Joint meeting of ACMA Globalisation Committee & IPO Forum Members, Chennai.  
 February 11, 2011 National Conference on Engaging with China: Opportunities & Challenges, New Delhi

### New Initiatives

March 13-16, 2011 ACMA-ISB Business Excellence Leadership Programme, Hyderabad

## Human Resource

### Seminars / Conferences

April 20, 2010 Seminar on "Performance Excellence Through People Processes" in Chennai @  
 December 18, 2010 Seminar on "Performance Excellence Through People Processes" in Jamshedpur @  
 January 20, 2011 Conference on "Effective HR Practices" in Pune @

### Meetings

August 5, 2010 Participation in 2nd SIAM Human Capital Group Meeting, Pune  
 October 29, 2010 1st Committee Meeting through Teleconference  
 November 12, 2010 Participation in 3rd SIAM Human Capital Group Meeting, Bangalore  
 December 1, 2010 2nd Committee Meeting through Teleconference  
 January 27, 2011 3rd Committee Meeting, Gurgaon  
 January 28, 2011 Participation in 4th SIAM Human Capital Group Meeting, Gurgaon

### HR Forum

#### Northern Region @

May, 2010 Formation of HR Forum in Northern Region (NR)  
 May 20, 2010 First Meeting of the HR Forum (NR)  
 June 5, 2010 Seminar on "The Call of Time - Living in Harmony with Nature" on the occasion of the World Environment Day  
 June 5, 2010 Plantation Drive at Manesar  
 June 5-11, 2010 Inter-Unit Competition of Posters, Slogans & Poems related to Environment Safety  
 June 28, 2010 Announcement of Winners - Inter-Unit Competition  
 July 8, 2010 2nd Meeting of the HR Forum (NR)  
 September 30, 2010 1st Northern Region HR Forum Meeting

#### Southern Region @

July 21, 2010 1st Meeting of the Southern Region HR Forum, Chennai

#### Western Region @

January 20, 2011 Launch of HR Forum, Pune  
 March 3, 2011 1st Meeting of ACMA (WR) HR Forum, Pune

### IMTMA (\*)

September 30, 2010 1st ACMA-IMTMA Meeting, Bangalore  
 November 18, 2010 2nd ACMA-IMTMA Meeting, Gurgaon

## Information Technology

August 06, 2010	Special Event on IT Business Solutions – Shop Floor to Top Floor – Chennai
September 28, 2010	Meeting to discuss the IT Committee Terms of Reference for the year
October 13, 2010	Meeting with RAMCO on Demand, Bangalore
October 14, 2010	Meeting with HCL on ITIL Based infrastructure, Bangalore
October 14, 2010	Meeting with Aras PLM, Bangalore
October 28, 2010	1st Meeting of the IT Committee, Bangalore
November 3, 2010	ACMA-SIAM Working Group Teleconference on Data Interchange
November 10, 2010	Meeting on Video Conferencing Standards, Bangalore
November 23, 2010	Meeting with NuStreet on Dashboards, Bangalore
November 26, 2010	2nd Meeting of the IT Committee (Teleconference)
December 15, 2010	Meeting with Hi-Tech, manufacturer of special devices
December 16, 2010	3rd Meeting of the IT Committee, Gurgaon
December 17, 2010	ACMA-IT Committee- Northern Region & NASSCOM Workshop on “Shop Floor to Top Floor”, Gurgaon
January 13, 2011	IT Committee 4th Monthly Teleconference
January 18, 2011	Meeting with Tata Consultancy Services, Chennai
February 2, 2011	Meeting with ACT on IT clusters, New Delhi
February 2, 2011	5th IT Committee Meeting, New Delhi
February 3, 2011	ACMA- SIAM- KPMG core group meeting on data interchange, New Delhi
February 3, 2011	Meeting with the Ministry of MSME on IT clusters, New Delhi
February 9, 2011	Meeting with Infosys, Bangalore
February 18, 2011	Meeting with Google, Bangalore
February 23, 2011	SFL meeting with KPMG-B2B survey, Chennai
February 28, 2011	Meeting with Prof. Rajanish Dass- IIM Ahmedabad at Bangalore
March 3, 2011	Meeting of the IT Committee with Google, Bangalore & New Delhi
March 10, 2011	6th Meeting of the IT committee (Teleconference)
March 24, 2011	ACMA-SIAM – B2b initiative discussion Weekly teleconference meeting with KPMG on inputs and progress
March 24, 2011	ACMA-IT committee meeting with Mr Doug Farber - Asia Pacific Manager - Google, Bangalore

## OEM (\*)

December 6, 2010	ACMA-SIAM Meeting, New Delhi
February 1, 2011	1st Meeting of ACMA Committee for OEMs, New Delhi
February 9, 2011	1st Meeting with SIAM Sourcing Group, New Delhi
March 28, 2011	2nd Meeting of ACMA Committee for OEMs, New Delhi

## Raw Materials

June 1, 2010	Data collection on Raw Material usage and consumption pattern of membership (ongoing)
January 10, 2011	Visit to & Interaction with Tata Steel Ltd, Jamshedpur Monthly Commodity Price Bulletin

## Skill Development

April 5, 2010	Visit of ACMA Committee for Skill Development to Bosch Vocational Center, Bangalore
April 6, 2010	Visit of ACMA Committee for Skill Development to GTTI, Coimbatore
April 6, 2010	2nd Meeting of ACMA Committee for Skill Development, Coimbatore
June 17, 2010	Visit to ITI adopted by Maruti, Gurgaon
June 17, 2010	Visit to Minda Group's “Pathshala”, Manesar
June 17, 2010	Third Meeting of the ACMA Committee for Skill Development, Manesar
August 4, 2010	Proposal to set up Automotive Skill Development Council (ASDC) approved by NSDC, New Delhi
August 5, 2010	Meeting to discuss modalities for setting up ASDC with SIAM Human Capital Group, Pune
November 12, 2010	Participation in SIAM Human Capital Group Meeting, Bangalore
November 15, 2010	1st Committee Meeting through Teleconference
November 26, 2010	Visit to Saint Gobain Skill Development Centre, Sriperumbudur
January 28, 2011	Participation in SIAM Human Capital Group Meeting, Gurgaon
February 2011	Automotive Skills Development Council (ASDC) registered as a Society with Registrar of Cooperative Societies

## Small & Medium Enterprises

July 27, 2010	Seminar on Sources of Finance for Small and Growing Businesses, New Delhi
August 20, 2010	Seminar on “Schemes Available for SMEs: Opportunity to seize”, Pune@
October 27, 2010	1st Meeting of SME Committee, New Delhi
November 29, 2010	Branding for SME products by Tier 1s for domestic After-market & Global markets

## ACTIVITY REPORT

December 7, 2010	Participation of ACMA SME Chairman at the meeting of Secretary – MSME with the representatives of MSME Associations on “Issues to be taken up with the Department of Revenue”, New Delhi
December 13, 2010	Jointly with NR-SME Seminar on “Procedure for Obtaining Financial Assistance from SIDBI & MSME for SMEs”, New Delhi
January 10, 2011	SME Chairman Meeting with Secretary MSME & Joint Development Commissioner, New Delhi
March 9, 2011	SME Workshop on Business Strategy, Planning & Organisation Structure, New Delhi

### Supply Chain Management (\*)

November 18, 2010	1st Meeting of SCM Committee
February 18-19, 2011	Seminar on Purchase Policies and Logistic Management, Ludhiana @

### Sustainable Development

April 6, 2010	ACMA (SR) – Sustainable Technology Development Committee visit to Solar Semiconductor Pvt. Ltd. & CII-Green Business Centre, Hyderabad
April 19, 2010	ACMA (SR) – Sustainable Technology Development C'ttee-YBLF visit to Reva & GE John F. Welch Technology Centre, Bangalore
July 9, 2010	ACMA (SR) – Sustainable Technology Development C'ttee Understanding Carbon Foot Printing for Automotive Sector the Tata Motors Experience, Pune
December 22, 2010	Meeting with Kyushu Economic Research Center, Japan on Electric Vehicles & Possibility of cooperation between Japanese & Indian companies, Chennai
January 4, 2011	Workshop on Enabling Technologies of the Future, New Delhi
February 7, 2011	Workshop on Future Direction of Emission Standards and their Potential Impact on the Automotive Supply Chain, Pune

### Trade Fairs

#### Domestic

February 10-12, 2011	4th partmart & AUTOCARE 2011, New Delhi
February 10-12, 2011	ACMA-JETRO “Japanese Procurement Exhibition”, New Delhi

#### Overseas

April 28-May 2, 2010	Thailand Auto Parts & Accessories (TAPA) Show, Thailand
September 23-30, 2010	Group Participation at 63rd IAA Commercial Vehicle Show, Hannover, Germany
November 18-21, 2010	Tehran International Auto Parts Fair Tehran, Iran
March 11-14, 2011	Group participation at India Show 2011 organised by CII & Consulate General of India, São Paulo, Brazil

### Young Business Leaders' Forum

April 19, 2010	Jointly with ACMA (SR) – Sustainable Technology Development Committee-YBLF visit to Reva & GE John F. Welch Technology Centre, Bangalore @
April 23, 2010	Interaction with Mr. R C Bhargava, Chairman, Maruti Suzuki India Ltd., New Delhi
June 14-18, 2010	Mission to Istanbul & Bursa, Turkey
July 26, 2010	Visit to Mahindra & Mahindra Chakan Plant, Pune & Interaction with Dr. Pawan Goenka, President, Automotive & Farm Equipment Sectors & Member, Group Executive Board, Mahindra & Mahindra Ltd., Mumbai
September 25, 2010	ACMA- YBLF Core Team Meeting, Gurgaon
October 9, 2010	Interaction with Mr. Nemish Shah & Mr. Durgesh Shah, Pune
November 8, 2010	Activities Review Meeting by YBLF Core Team, Gurgaon
November 16-17, 2010	Pilot Program of CEO Transformation/ Coaching by Mr. Venkat Raju – Phase I, Gurgaon, Noida, Faridabad
November 29, 2010	Jointly with SR - National Conference on “The Changing Face of Leadership” & Launch of YBLF website (www.acmayblf.com), Chennai @
December 15, 2010	Visit to & Interaction with Infosys Technologies Ltd. in co-operation with SR, Bengaluru
December 21, 2010	Informal Interaction of YBLF National Co-ordinator with IMTMA – UDAAN, Bengaluru
February 19, 2011	Interaction with Mr. Chaand Sehgal on “How to manage partnerships and how to go Global”, Gurgaon
March 13-20, 2011	Mission to Johannesburg & Durban, South Africa

(\*) Committees formed in August, 2010

(@) Organised at Respective Region

## Past Presidents

(Late) Dr. Pranlal Patel	1959-1966
Mr. M.K. Raju	1966-1968
(Late) Mr. W.N. Talwar	1968-1970
(Late) Mr. P.V. Shah	1970-1971
Mrs. Sharayu Daftary	1971-1972
Mr. M.S. Shastri	1972-1973
(Late) Mr. D.R. Sondhi	1973-1974
Mr. V.R. Sivaraman	1974-1975
(Late) Mr. M.K. Jhavar	1975-1976
Mr. Harjan Singh	1976-1977
Mr. S. Muthukrishnan	1977-1978
Mr. R. Bhandari	1978-1979
Mr. N. Venkataraman	1979-1980
(Late) Mr. V. Chidambaram	1980-1981
Mr. Abhay N. Firodia	1981-1982
Mr. Suresh Krishna	1982-1984
(Late) Mr. Pran Talwar	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	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

## PEOPLE AT ACMA

# Executive Committee 2010-11

### PRESIDENT

**Mr. Srivats Ram**  
Wheels India Ltd.

### VICE PRESIDENT

**Mr. Arvind Kapur**  
Rico Auto  
Industries Ltd.

### IMMEDIATE PAST PRESIDENT

**Mr. Jayant Davar**  
Sandhar  
Technologies Ltd.

### ELECTED MEMBERS

**Mr. Beni Daga**, Baynee Industries  
**Mr. Soumitra Bhattacharya**, Bosch Ltd.  
**Mr. Ramchandra Rao**, Eaton Industrial Systems Pvt. Ltd.  
**Mrs. Pilloo C.Aga**, Gold Seal Engineering Products Ltd.  
**Mr. Pranav Kapuria**, Hi-Tech Gears Ltd.  
**Mr. Bijon Nag**, IFB Automotive Pvt. Ltd.  
**Mr. T.M. Lalani**, Indication Instruments Ltd.  
**Mr. Vijay B. Pusalkar**, Indo Schottle Auto Parts Pvt. Ltd.  
**Mr. S.K. Arya**, Jay Bharat Maruti Ltd.  
**Mr. Prasan Firodia**, Jaya Hind Industries Ltd.  
**Mr. S. Ganesh**, Liners India Ltd.  
**Mr. Deepak Jain**, Lumax Industries Ltd.  
**Mr. Nirmal K. Minda**, Minda Industries Ltd.  
**Mr. Yogesh Munjal**, Munjal Showa Ltd.  
**Mr. U.S. Ahuja**, New Swan Enterprises  
**Mr. S.D. Ganage**, Rojee-Tasha Stampings Pvt. Ltd.  
**Mr. S.K. Behera**, RSB Transmissions (I) Ltd.  
**Mr. F.R. Singhvi**, Sansera Engineering Pvt. Ltd.  
**Mr. Ramesh Suri**, Subros Ltd.

### CO-OPTED MEMBERS

**Mr. Anuj Mehta**, Clutch Auto Ltd.  
**Mr. Deepak Dheer**, Mahindra Forgings Ltd.  
**Ms. Harshbeena S. Zaveri**, NRB Bearings Ltd.  
**Mr. Ravi Machani**, Stumpp Schuele & Somappa Springs Pvt. Ltd.  
**Mr. Umesh Talwar**, Talbros Automotive Components Ltd.  
**Mr. K.G. Mohan Kumar**, Toyota Kirloskar Auto Parts Pvt. Ltd.

### SPECIAL INVITEES

**Mr. Sunil Arora**, Abilities India Pistons & Rings Ltd.  
**Mr. R.S. Thakur**, Automotive Stampings and Assemblies Ltd.  
**Mr. Ranjot Singh**, Emdet Jamshedpur Pvt. Ltd.  
**Mr. A. Venkataramani**, India Pistons Ltd.  
**Mr. Sanjay Malhotra**, Jumps Auto Industries Ltd.  
**Mr. Atul Raheja**, Lifelong India Ltd.  
**Mr. Sriram Sivaram**, Madras Engineering Industries Pvt. Ltd.  
**Mr. Sandip R. Mehta**, MHB Filter India Pvt. Ltd.  
**Mr. Surinder Mahendru**, Nicks Auto Industries Pvt. Ltd.  
**Dr. Sreeram Srinivasan**, Saint-Gobain Glass India Ltd.  
**Mr. Harish K. Sheth**, Setco Automotive Ltd.  
**Mr. C.N. Prasad**, Sundaram Clayton Ltd.  
**Mr. Arun Gupta**, Technico Industries Ltd.  
**Mr. S. J. Taparia**, The Supreme Industries Ltd.  
**Mr. P. Kaniappan**, WABCO-TVS (India) Ltd.

### REGIONAL CHAIRPERSONS

- ➔ EASTERN REGION  
**Mr. Killol Kamani**  
Samarth Engineering Co. Pvt. Ltd.
- ➔ NORTHERN REGION  
**Mr. Rattan Kapur**  
Mark Exhaust Systems Ltd.
- ➔ SOUTHERN REGION  
**Mr. Harish Lakshman**  
Rane TRW Steering Systems Ltd.
- ➔ WESTERN REGION  
**Mr. S.P. Kanwar**  
Bharat Gears Ltd.

### DEPUTY REGIONAL CHAIRPERSONS

- ➔ EASTERN REGION  
**Mr. Sanjay Sabherwal**  
Metaldyne Industries Ltd.
- ➔ NORTHERN REGION  
**Mr. Jatender Kumar Mehta**  
Omax Autos Ltd.
- ➔ SOUTHERN REGION  
**Mr. Arvind Balaji**  
Lucas-TVS Ltd.
- ➔ WESTERN REGION  
**Mr. Kirti D. Rathod**  
Luxite Industries Ltd.

## DIVISION & NATIONAL COMMITTEES CHAIRPERSONS

AEROSPACE, DEFENCE & RAILWAYS	<b>Mr. Jatender Kumar Mehta</b> , OMAX AUTOS LTD., (UPTO MAY 2011) <b>Mr. Atul Raheja</b> , LIFELONG INDIA LTD., (FROM MAY 2011)
CONSUMER AFFAIRS & ANTI COUNTERFEITING	<b>Mr. Soumitra Bhattacharya</b> , BOSCH LTD.
ECONOMIC AFFAIRS, WTO & KNOWLEDGE PARTNER	<b>Mr. A. K. Taneja</b> , SHRIRAM PISTONS & RINGS LTD.
FINANCE	<b>Mr. L. Ganesh</b> , RANE GROUP
GLOBALISATION & INDIA BRAND BUILDING	<b>Mr. Jayant Davar</b> , SANDHAR TECHNOLOGIES LTD.
HUMAN RESOURCES	<b>Mr. F. R. Singhvi</b> , SANSERA ENGINEERING PVT. LTD.
IMTMA	<b>Mr. Prasan A. Firodia</b> , JAYA HIND INDUSTRIES LTD.
INFORMATION TECHNOLOGY	<b>Mr. Ravi Machani</b> , STUMPP SCHUELE & SOMAPPA SPRINGS PVT. LTD.
MEMBERSHIP	<b>Mr. Arvind Kapur</b> , RICO AUTO INDUSTRIES LTD.
OEM	<b>Mr. Sanjay Labroo</b> , ASAHI INDIA GLASS LTD.
PAST PRESIDENTS' COUNCIL	<b>Mr. Jayant Davar</b> , SANDHAR TECHNOLOGIES LTD.
PUBLIC RELATIONS	<b>Mr. Srivats Ram</b> , WHEELS INDIA LTD.
RAW MATERIALS	<b>Mr. Ramchandra Rao</b> , EATON INDUSTRIAL SYSTEMS PVT. LTD.
SKILL DEVELOPMENT	<b>Mr. Bijon Nag</b> , IFB AUTOMOTIVE PVT. LTD.
SMALL & MEDIUM ENTERPRISES	<b>Mr. Sunil Arora</b> , ABILITIES INDIA PISTONS & RINGS LTD.
SUPPLY CHAIN	<b>Mr. Nirmal K. Minda</b> , MINDA INDUSTRIES LTD.
SUSTAINABLE TECHNOLOGY DEVELOPMENT	<b>Mr. Arvind Balaji</b> , LUCAS-TVS LTD.
TRADE FAIRS	<b>Mr. D. K. Jain</b> , LUMAX INDUSTRIES LTD.
YBLF (Mentor)	<b>Mr. Sanjay Labroo</b> , ASAHI INDIA GLASS LTD.
(Co-ordinator),	<b>Mr. Ravi Machani</b> , STUMPP SCHUELE & SOMAPPA SPRINGS PVT. LTD.
ACT DIVISION	<b>Mr. Deep Kapuria</b> , HI-TECH GEARS LTD.

## ZONAL COORDINATORS

### EAST

JAMSHEDPUR ZONE	<b>Mr. Ranjot Singh</b> , EMDET JAMSHEDPUR PVT. LTD.
KOLKATA ZONE	<b>Mr. Devanshu Daga</b> , BAYNEE INDUSTRIES

### NORTH

FARIDABAD	<b>Mr. Satish Garg</b> , SADHU FORGING LTD.
RAJASTHAN	<b>Mr. Sanjay Malhotra</b> , JUMPS AUTO INDUSTRIES LTD.
ROHTAK & HISSAR ZONE	<b>Mr. Rajesh Jain</b> , LAKSHMI PRECISION SCREWS LTD.
REWARI ZONE	<b>Mr. Pravin Malhotra</b> , NIPMAN FASTENER INDUSTRIES PVT.LTD.
PUNJAB & CHANDIGARH	<b>Mr. U.S. Ahuja</b> , NEW SWAN ENTERPRISES
UTTARANCHAL ZONE	<b>Mr. Anmol Jain</b> , LUMAX INDUSTRIES LTD.
U.P. ZONE	<b>Mr. Sunil Arora</b> , ABILITIES INDIA PISTONS & RINGS LTD.
GURGAON & MANESAR ZONE	<b>Mr. J.S. Rangar</b> , STORK RUBBER PRODUCTS PVT. LTD.
GURGAON & MANESAR ZONE	<b>Mr. Atul Raheja</b> , LIFELONG INDIA LTD.

### SOUTH

CHENNAI & NEARBY ZONE	<b>Mr. J. Sridhar</b> , SOUTHERN AUTO CASTINGS PVT. LTD.
KARNATAKA & HOSUR ZONE	<b>Mr. K.G. Mohan Kumar</b> , TOYOTA KIRLOSKAR AUTO PARTS LTD.
ANDHRA PRADESH ZONE	<b>Mr. S. Ganesh</b> , LINERS INDIA LTD.
COIMBATORE ZONE	<b>Mr. Balaji Jagadeesan</b> , INDO SHELL MOULD LTD.

### WEST

PUNE ZONE	<b>Mr. Kirti D. Rathod</b> , LUXITE INDUSTRIES LTD.
NASHIK ZONE	<b>Mr. Balbir Singh B. Chhabra</b> , RIGHT TIGHT FASTENERS PVT. LTD.
GUJARAT ZONE	<b>Mr. Piyus Tamboli</b> , INVESTMENT & PRECISION CASTINGS LTD.
AURANGABAD ZONE	<b>Mr. S. Kishan Yogi</b> , ENDURANCE TECHNOLOGIES LTD.

## Workforce 2010-11

### HEAD OFFICE

Mr. Abhishek Chopra  
Mr. Amit Mukherjee  
Mr. Anand K. Nair  
Ms. Anjali Nair  
Mr. Ashok Kumar  
Mr. Ashwani Kumar  
Mr. Deepak Kumar  
Ms. Ecktta  
Mr. Harish Kapoor  
Mr. Jairaj Kumar  
Ms. Meenakshi Narayanan  
Ms. Monika S. Handa  
Mr. Niladri Mallick  
Ms. Pooja Sharma  
Mr. Prem Kumar  
Mr. Rajeshwar Rai  
Ms. Sapna Vijn  
Ms. Seema Babal  
Ms. Sheetal Gupta  
Mr. Sourav Mandal  
Ms. Subhag Naqvi  
Ms. Sumita Sharma  
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  
Mr. V. Harish

### SOUTHERN REGION

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

### WESTERN REGION

Mr. Ashwani Jotshi  
Ms. Ashwini A. Kulkarni  
Mr. Sameer S. Sapkal  
Mr. Suhas A. Padave

### ACMA CENTRE FOR TECHNOLOGY (ACT)

Mr. Anupam Kaushik  
Mr. Ashok K. Kamath  
Mr. Chandu Chaudhary  
Mr. Dinesh A. Vedpathak  
Mr. G. Shridharan  
Mr. Ian Smith  
Mr. Jitender Rana  
Mr. K. N. D. Nambudiripad  
Mr. K. P. S. Raghuvanshi  
Mr. K. R. Bhoopalan  
Mr. Kapil Kinnari  
Mr. Manoj Mathur  
Mr. R. Honrao  
Mr. Rajiv Mandke  
Mr. Rakesh Gupta  
Mr. T. K. Chanda  
Mr. V. K. Sharma  
Ms. Nehika Mathur



## Affiliations and Memberships

### Affiliations

ACMA continued its affiliation with the Associated Chambers of Commerce and Industry of India (ASSOCHAM), Confederation of Indian Industry (CII) and Federation of Indian Chambers of Commerce and Industry (FICCI). 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 (NATRiP) and other member Association of the Associations Councils of CII.

### Memberships

ACMA continued its membership of the prestigious European Association of Automotive Suppliers (CLEPA). The Association also continued to be a member of the Australian Automotive Aftermarket Association (AAAA), Automotive Aftermarket Industry Association (AAIA) USA and the Indian Trade Promotion Organisation.

### 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 (NATRiP)
- WP.29 Committees under MoSRT&H

## ACKNOWLEDGMENT

### 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>	Verband der Automobilindustrie e. V. (VDA)
<b>GERMANY</b>	Fraunhofer-Gesellschaft zur Förderung der Angewandten Forschung e.V. (FRAUNHOFER)
<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>PAKISTAN</b>	Pakistan Association of Automotive Parts & Accessories Manufacturers (PAAPAM)
<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>	Scandinavian Automotive Suppliers Association (SASA)
<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)

## About 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 51 years, today it has a membership of over 600 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 “automotive related” services for members. This would be achieved by:-

- Evolving services through consensus and in partnership with members and delivering them
- Contributing positively to the changing needs of the membership and the internal & external environment

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

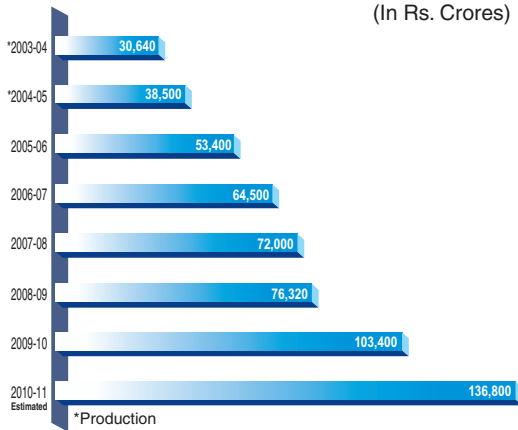
President

Executive Director

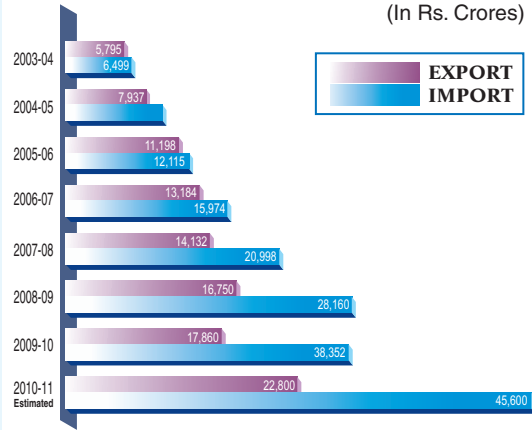
# Industry Performance Indicators

## AUTO COMPONENT SECTOR

**Turnover**  
(In Rs. Crores)



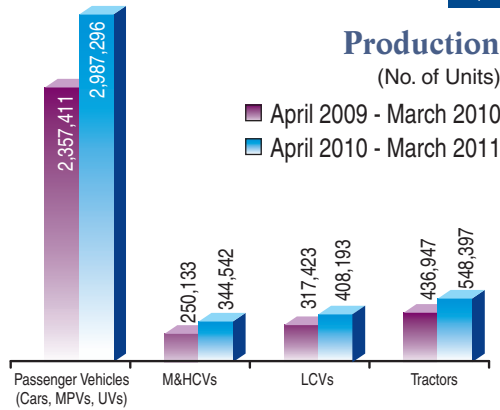
**Exports & Imports**  
(In Rs. Crores)



## VEHICLE SECTOR

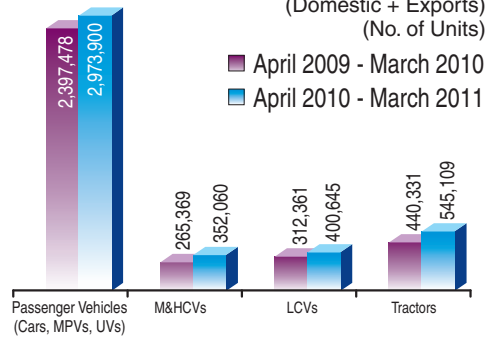
### 4/6 WHEELERS

**Production**  
(No. of Units)



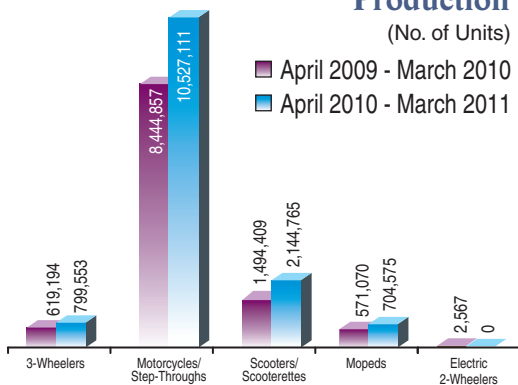
**Sales**

(Domestic + Exports)  
(No. of Units)



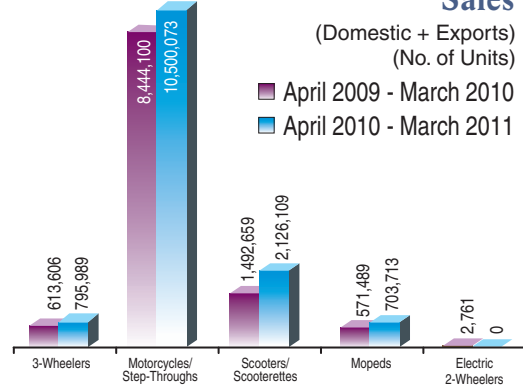
### 2/3 WHEELERS

**Production**  
(No. of Units)

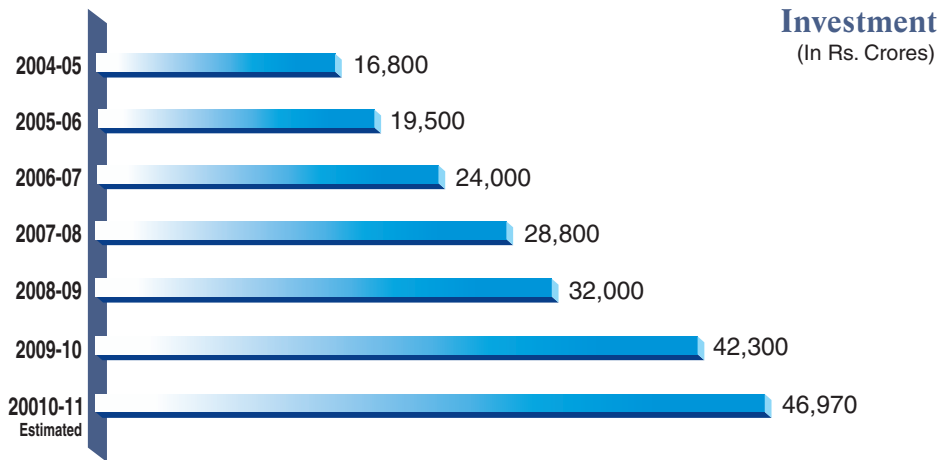


**Sales**

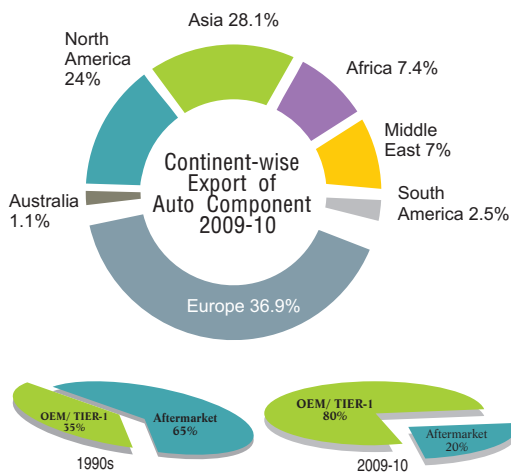
(Domestic + Exports)  
(No. of Units)



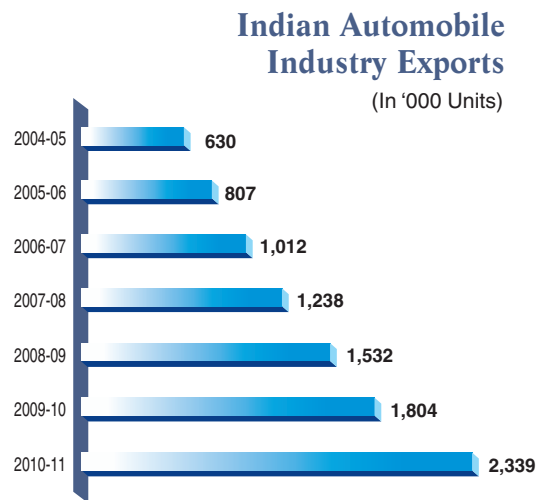
**AUTO COMPONENT SECTOR**



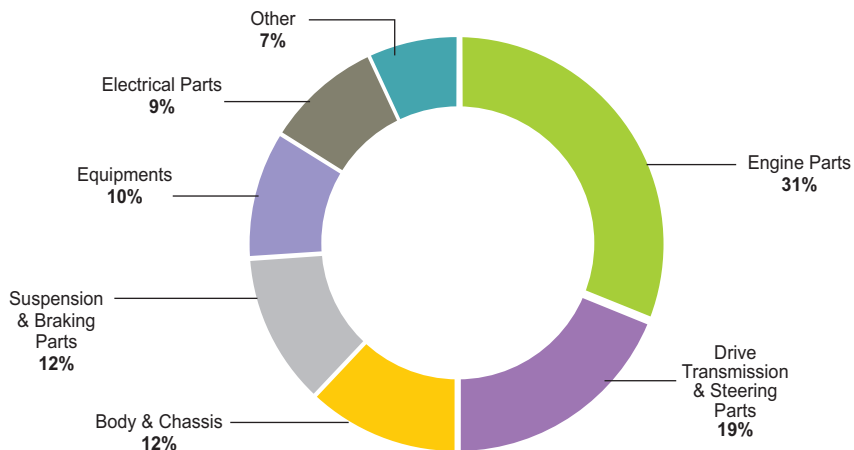
**DIRECTION OF EXPORTS**



**VEHICLE SECTOR**



**INDUSTRY PRODUCT RANGE**



## ACMA AND THE INDUSTRY

### Publication

The Association continued to publish its newsletters such as AutoNews, Customs & Exim Newsletter, Indirect Tax Newsletter, International Newsletter, etc.

For the 26th year in succession, ACMA published the **Buyers' Guide 2011** edition which has now become the only sourcing guide for the auto component industry.

ACMA published **International Trade Year Book 2010** to keep our members abreast of the dynamism in the global auto trade. This publication captures the trends in the global automotive and auto component industry, including production and sales, as also, data on imports and exports. It also focuses on some of the leading matured and emerging markets.

The Association released **Vision 2020 Study**, which indicates that the Indian auto component industry has the potential to grow from its current level of ₹ 1.2 lakh crores (US \$ 26 mln) to almost ₹ 5.4 lakh crores (US \$ 113 bln) by 2020. It is also critical to mention that in order to achieve this growth and to improve competitiveness, challenges of access to capital, availability of skilled manpower, rapidly increasing inflation, access to technology and lack of proper infrastructure, including power, need to be addressed immediately. This calls for urgent and timely intervention by the government and proactive action by the industry.

ACMA published **The Indian Automotive Aftermarket Study Book & CD**. The study gives in-depth information on the automotive sector and auto components industry in India, details on Vehicle Parc with estimates of the number of vehicles on Indian roads across the four key vehicle segments of two-wheelers, three-wheelers, passenger vehicles (PVs), and commercial vehicles (CVs). Information on the size estimate of the Indian automotive aftermarket is presented, as revealed by the primary survey, by segment, by age, by geography, by replacement frequency and by distribution structure. Further, the study focuses on the impact of the tax, legal and regulatory environment on the Automotive Aftermarket in India and discusses the implications of the imminent Goods and Services Tax (GST) on the components industry, regulatory environment impacting the automotive industry and most importantly, a key concern area of the automotive aftermarket industry in India—spurious products. The study also presents developments and qualitative inputs for the industry alongside a sneak preview of the rural automotive aftermarket.

The **ACMA White Paper on Legislative Improvements to Combat Counterfeit Auto Components** was released with the aim to study the existing legislative framework in India, its shortcomings and proposes improvements to identify, deal and recommend penal action against those engaged in manufacture, trade, distribution, packaging, warehousing and retailing of counterfeit auto parts.



# ACMA in the Press

Auto component sector to see ₹5 L-cr turnover by 2020

RISING India, industr an ann

Auto-parts cos mull capacity hikes

Auto cos push up capacity to meet festival demand

Local auto component makers face China threat

आटो क्षेत्र को नहीं होगा कुशल श्रमिकों का टोटा

AUTO MAKERS SHIFT TRACK AFTER JAPAN QUAKE JERK

Auto component makers to invest in capacity

To keep pace with growing demand from industry

2020 तक जीडीपी में 3.6 फीसद का योगदान देगा वाहन कलपुर्जा उद्योग : रिपोर्ट

Auto parts sector to hit ₹506,000 cr turnover by 2020

Auto part firms ramp up output to meet demand

Auto parts cos race with rising demand

2020 तक \$110 अरब का वाहन कलपुर्जा उद्योग

Acma expects \$3b annual investment over 10 years Auto part makers see

ऑटोमोबाइल उद्योग के लिए नियामक संस्था शीघ्र

supply mismatch of spencerts could also god soon. He did not outline for it. or who is the manag- sector of Sandbar loges is going to in- to its 125 crore (this ) of over home flompany



विस्तार की सड़क पर वाहन कलपुर्जा उद्योग भी पकड़ रहा रफ्तार

Govt losing Rs 2,200 cr due to fake auto parts, says ACMA

Auto sector needs to go green, be cost effective

Commerce secy warns industry against seeking tariff protection

New Delhi, Feb 11: The Indi- hensive defl- terfeit occsp

ACMA REPORT

Auto parts firms see fourfold growth to ₹5 trillion by 2020

Rising costs force auto parts makers to tweak OEM pacts

New Delhi, Aug 18: Rising rev

REVIVING UP

SMALLER AUTO PARTS UNITS HIT BY SOARING INPUT COSTS

Car firms, parts makers quibble

Auto parts manufacturers meeting starts today

Automotive buoyancy

Global auto parts cos may set up domestic shops

'Capacities, capabilities have to be created, if future opportunities are to be tapped'

Global auto part cos ask suppliers to drive into India

# ACMA Membership

**A.**

- A. Lakshmi Press & Forge Works
- A.G.Industries Pvt. Ltd.
- Abilities India Pistons & Rings Ltd.
- Accurate Products Corporation Pvt. Ltd.
- Acey Engineering Pvt. Ltd.
- Action Batteries Pvt. Ltd.
- Aditya Auto Products & Engineering (I) Pvt. Ltd.
- Admach Auto Industries (I) Pvt. Ltd.
- Advik Hi-Tech Pvt. Ltd.
- Agrasen Engineering Industries Ltd.
- Agrim Components Pvt. Ltd.
- Aisin NTTF Pvt. Ltd.
- ALF Engineering Pvt. Ltd.
- Alfa Flexitubes Pvt. Ltd.
- Alicon Castalloy Limited
- All India Rubber Industries Association
- Allena Auto Industries Pvt. Ltd.
- Allied Nippon Ltd.
- Almighty Auto Ancillary Pvt. Ltd.
- Alpha Drives
- Alphaa Springs Chennai (P) Ltd.
- Alpump Ltd.
- Amalgamations Repco Ltd.
- Amar Sons
- Amararaja Batteries Ltd.
- Ambattur Industrial Estate Manufacturers' Association (AIEMA)
- American Axle and Manufacturing Services (I) Pvt. Ltd.
- Amtek
- Amtek Auto Ltd.
- Amul Industries Pvt. Ltd.
- Amul Polycure Industries Ltd.
- AMW Auto Component Ltd.
- Anand Automotive Ltd.
- Anand Motor Products Pvt. Ltd.
- Anand Nishikawa Company Ltd.
- Anand NVH Products (P) Ltd.
- ANG Industries Ltd.
- Aradhya Steel Pvt. Ltd.
- ARB Bearings Ltd.
- Arvind Engineering Works Ltd.
- Asahi India Glass Ltd.
- Ashok Iron Works Pvt. Ltd.
- Ashra Consultants Pvt Ltd.
- Asia Motor Works Ltd.
- ASK Automotive Pvt. Ltd.
- ASL Industries Pvt. Ltd.
- Associated Manufacturing Company
- Asti Electronics India Pvt. Ltd.
- Aurangabad Electricals Ltd.
- Auro Plastic Injection Moulders Pvt. Ltd.
- Auto Ignition 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 Stampings and Assemblies Ltd.
- Automotive Valves Pvt. Ltd.
- Avasarala Technologies 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
- BCL Forgings Ltd.

BCL-Springs

- Benara Bearings & Pistons Ltd.
- Benara Udyog Ltd.
- Besmak Components Pvt. Ltd.
- Besoto Starting Systems Pvt. Ltd.
- Beta Industrial Products
- Beta Tools Pvt. Ltd.
- Bharat Forge Ltd.
- Bharat Gears Ltd.
- Bharat Seats Ltd.
- Bhavani Industries
- BIC Auto Pvt. Ltd.
- BIL Metal Industries Ltd.
- Bill Forge Pvt. Ltd.
- Bimetal Bearings Ltd.
- Birla AccuCast Limited
- 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.
- Bright Autoplast Pvt. Ltd.
- Brose India Automotive Systems Pvt. Ltd.
- Bundy India Ltd.

**C.**

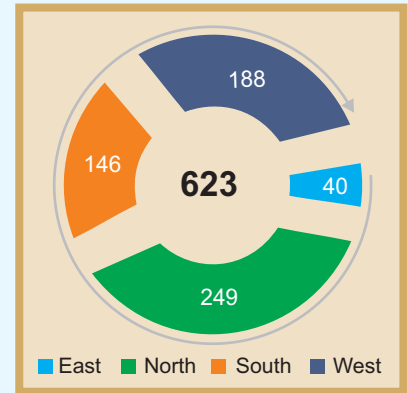
- C.M. Smith & Sons Ltd.
- Caltherm Thermostats Pvt. Ltd
- Caparo Engineering India Pvt. Ltd.
- Car International
- Carl Bechem Lubricants (India) Pvt. Ltd.
- Carraro India Pvt. Ltd.
- Cast Master
- Castwel Autoparts Pvt. Ltd.
- Chandok Automotive Manufacturers Ltd.
- Chaphekar Engineering Pvt. Ltd.
- Citizen Press Components
- Climate Systems India Ltd
- Clutch Auto Ltd.
- Comstar Automotive Technologies Pvt. Ltd.
- Conic Automotive Pvt. Ltd.
- Continental Automotive Components (India) Pvt. Ltd.
- Continental Engines Ltd.
- Cooper Corporation Pvt. Ltd.
- CRP (India) Pvt. Ltd.

**D.**

- D. D. Industries Ltd.
- 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.
- Demantik Enterprises
- Denso India Ltd.
- Denso International India Pvt. Ltd.
- Denso Kirloskar Industries Pvt. Ltd.
- Deusch Mediquip Pvt. Ltd.
- Devendra Exports Pvt. Ltd.
- Devilog Systems (India)
- Dhoot Transmission Pvt. Ltd.
- D-M-E Company (India) Pvt. Ltd.
- Durovalves India Pvt. Ltd.
- Dyna-K Automotive Stampings Pvt. Ltd.
- Dynamatic Technologies Ltd.

**E.**

- Eaton Industrial Systems Pvt. Ltd.
- Eco Auto Components Ltd.



- Ecocat (India) Pvt. Ltd.
- Electrica Engineers (India) Pvt. Ltd.
- Electromags
- Elofic Industries Ltd.
- Emdet Jamshedpur Pvt. Ltd.
- Emkay Automobile Industries Ltd.
- Emmbros Autocomp Ltd.
- Endurance Technologies Ltd.
- Engineering Technologies
- Enginotech Systems Pvt. Ltd.
- Escorts Ltd.
- Essae Aucom Pvt. 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 Emissions Control Technologies India Pvt. Ltd.
- FAURECIA Technology Center India Pvt. Ltd.
- Federal-Mogul Goetze (India) Ltd.
- Fenner (India) Ltd.
- Fiem Industries Ltd.
- Fine Blanking Pvt. Ltd.
- Fine Brakes
- Flash Electronics (I) Pvt. Ltd.
- Flywheel Ring Gears Pvt. 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.
- Garg Industrial Corporation
- Gargs Engineers Ltd.
- Gatiman Auto Pvt. Ltd.
- Gearock Forge Pvt. Ltd.
- Ghaziabad Precision Products Pvt. Ltd.
- Gilard Electronics Pvt. Ltd.
- GKN Driveline (India) Ltd.
- GKN Sinter Metals Pvt. Ltd.
- Global Automotive Components (P) Ltd.
- Global Autotech Ltd.
- GNA Axles Ltd.
- GNA Duraparts Ltd.
- GNA Udyog Ltd.
- Goa Auto Accessories Ltd.
- Gold Seal Engineering Products Pvt. Ltd.
- Goldy Precision Stampings Pvt. Ltd.
- Grace Infrastructure Pvt. Ltd.
- Graziano Trasmissioni India 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 Concentric Pumps (India) Pvt. Ltd.  
Haldex India Ltd.  
Halonix Ltd.  
Harita Seating Systems Ltd.  
Harman International (India) Pvt. Ltd.  
Harsha Engineers Ltd.  
Hella India Electronics Pvt. Ltd.  
Hero Motors Ltd.  
Highco Engineers (P) Ltd.  
Highway Industries Ltd.  
Hi-Lux Automotive Pvt. Ltd.  
Hindalco Industries 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.

**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.  
India Forge and Drop Stampings Ltd.  
India Japan Lighting Pvt. Ltd.  
India Nippon Electricals Ltd.  
India Pistons Ltd.  
Indian Diecasting Industries  
Indication Instruments Ltd.  
Indico Motors Pvt. Ltd.  
Indo Autotech Ltd.  
Indo-Schottle Auto Parts Pvt. Ltd.  
Indo-Shell Mould Ltd.  
Industrial Engineering Syndicate  
Industrial Forge & Engineering Co. Ltd.  
Industrial Rubber Products Pvt. Ltd.  
Injectoplast Pvt. Ltd.  
Innova Rubbers Pvt. Ltd.  
Innoventive Industries Ltd.  
Insulation & Electrical Products Pvt. Ltd.  
Investment & Precision Castings Ltd.  
Involute Technologies Pvt. Ltd.  
IST Ltd.

**J.**

Jamna Auto Industries Ltd.  
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.  
JHS Taigene Electrical Co. Pvt. Ltd.  
John Fowler (India) Pvt. 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 Pvt. Ltd.  
Kalyani Forge Ltd.  
Kalyani Thermal Systems 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 India Pvt. Ltd.  
Keystone Appliances Pvt. Ltd.  
Kiran Udyog  
Kirat Plastics Pvt. Ltd.  
Kirloskar Oil Engines 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.  
KOSTAL NTTF Automotive India Pvt. Ltd.  
Krishna Auto Industries  
Krishna Maruti Ltd.  
Kriti Industries (India) Ltd.  
Kross Manufacturers (I) Pvt. Ltd.  
KSS Abhishek Safety Systems Pvt. Ltd.  
Kulkarni Engineers  
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.  
Lucas TVS Ltd.  
Lumax Automotive Systems Ltd.  
Lumax DK Auto Industries Ltd.  
Lumax Industries Ltd.  
Luxite Industries Ltd.

**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.  
Macas Automotive  
Machino Polymers Ltd.  
Maco Pvt. Ltd.  
Madhusudan Auto Ltd.  
Madras Engineering Industries Pvt. Ltd.  
Magnum Strips & Tubes Pvt. Ltd.  
Mahalaxmi Seamless 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  
Makro Cast Pvt. Ltd.  
Mandap International Pvt. Ltd.  
Mando India Ltd.  
Mann and Hummel Filter Pvt. Ltd.  
Mansons Automotive Rubber Pvt. Ltd.  
Mantri Metallics Pvt. Ltd.  
Mark Exhaust Systems Ltd.  
Mayur Industries Ltd.  
Mayur Uniquoters Ltd.  
MEC Bearings Pvt. Ltd.  
Meenakshi Polymers Pvt. Ltd.  
Mehta Engineers Ltd.  
Metaforge Engineering (India) Pvt. Ltd.  
Metal Form  
Metaldyne Industries Ltd.  
Metalman Auto Pvt. Ltd.  
MEW Suspensions Pvt. Ltd.  
MHB Filter India Pvt. Ltd.

Microsign Products  
Mikroflo Filters 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.  
Mandarika Pvt. Ltd.  
Mitsuba Sical India 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  
Munjali Auto Industries Ltd.  
Munjali Showa 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.  
National Plastic Technologies Ltd.  
Neepez V. Forge (India) Ltd.  
Nelcast Ltd.  
NEOLITE ZKW Lightings Pvt. Ltd.  
New Engineering Works  
New Swan Autocomp (P) Ltd.  
New Swan Enterprises  
NGK Spark Plugs (India) Pvt. Ltd.  
Nicks Auto Industries Pvt. Ltd.  
Nipman Fastener Industries Pvt. Ltd.  
Nippon Audiophonix Ltd.  
Nippon Thermostat (India) Ltd.  
Nishan Automobiles  
NRB Bearings Ltd.  
NTF (India) Pvt. Ltd.  
NTTF Industries Pvt. Ltd.

**O.**

Ocap Chassis Parts 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.  
Paul Components Pvt. Ltd.  
Pavna Auto Engineering Pvt. Ltd.  
Pee Aar Exim Pvt. Ltd.  
Pefco Foundry  
Perfect Circle India Ltd.  
Perfect Industries (India)  
Pfedra Synthetics Pvt. Ltd.  
PHA India Pvt. Ltd.  
Pinnacle Industries Ltd.  
Polyplastics Industries (India) Pvt. Ltd.  
Pooja Forge Ltd.  
Poona Shims Pvt. Ltd.  
Porwal Auto Components Ltd.  
Prabha Engineering Pvt. Ltd.  
Prabhat Industries  
Pravin Engineering Pvt. Ltd.

## ACMA AND THE INDUSTRY

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.  
PRS Permacel Pvt. Ltd.  
Punjab Bevel Gears Ltd.  
Purofil Auto (India) Pvt. Ltd.

### Q.

QH Talbros Ltd.

### R.

R.K. Profiles Pvt. Ltd.  
Radiant Polymers Pvt. Ltd.  
Raghu Engineering  
Raja Forgings & Gears Ltd.  
Rajatdeep Overseas Pvt. Ltd.  
Rajhans Pressings Pvt. Ltd.  
Rajsriya Automotive Industries Pvt. Ltd.  
Rambal 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.  
Ranee 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. (Auto Division)  
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.  
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.  
Sanatan Autoplast Pvt. Ltd.  
Sanauto Engineers (India) Pvt. Ltd.  
Sandeep Metalcraft Pvt. Ltd.  
Sandhar Technologies Ltd.  
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.  
Seinumero 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.

Sharda Motor Industries Ltd.  
Sheet Shapers  
Shivam Autotech Ltd.  
Shivani Locks Pvt. Ltd.  
Shriram Pistons & Rings Ltd.  
Siemens 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.  
SKH Metals Ltd.  
SOGEFI MNR Filtration India Pvt. Ltd.  
Sona Koyo Steering Systems Ltd.  
Sona Okegawa Precision Forgings Ltd.  
Sona Somic Lemforder Components Ltd.  
Soni Auto & Allied Industries Ltd.  
Spaco Technologies (India) Pvt. Ltd.  
Special Engineering Services Ltd.  
Special Tools Pvt. Ltd.  
Spicer India 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.  
Sterling Tools Limited  
Stork Auto Engineering Pvt. Ltd.  
Stork Rubber Products Pvt. Ltd.  
Stumpp Schuele & Somappa Pvt. Ltd.  
Stumpp Schuele & Somappa Springs Pvt. Ltd.  
Subros Limited  
Sudhir Forgings Pvt. Ltd.  
Sujan Industries  
Sulzer Metco India Ltd.  
Sumati Engineering Co. Pvt. 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 Auto Forge Ltd.  
Super Circle Auto Ltd.  
Super Seals India Ltd.  
Supercircle Pvt. Ltd.  
Suprajit Engineering Ltd.  
Suraj General Engineers (P) Ltd.  
Suraj Precision Engineering Works Pvt. Ltd.  
Surya Springs  
Susira Industries Ltd.  
Syndicate Wiper Systems Pvt. Ltd.

### T.

T.K. Precision Pvt. Ltd.  
Takata India Pvt. Ltd.  
Talbro Automotive Components Ltd.  
Talbro Engineering Ltd.  
Talbro Pvt. Ltd.  
Tata Autocomp Systems Ltd. (Interiors and Plastic Division)  
Tata Johnson Controls Automotive Ltd.  
Tata Toyo Radiator Ltd.  
Tata Yazaki Autocomp Ltd.  
Taurus Flexibles Pvt. Ltd.  
Taylor Rubber Pvt. Ltd.  
Tech Auto Pvt. Ltd.  
Technico Industries Ltd.  
Teksons Pvt. Ltd.  
Tenneco RC India Pvt. Ltd.  
Terminal Technologies (I) Pvt. Ltd.  
Tesda Tools Pvt. Ltd.  
Textek Electronics Pvt. Ltd.  
TG Kirloskar Automotive Pvt. Ltd.  
The Automotive Research Association of India  
The Indian Smelting & Refining Co. Ltd.

The Supreme Industries Ltd.  
TKW Fasteners Pvt. Ltd.  
Toyota Boshoku Automotive India Pvt. Ltd.  
Toyota Kirloskar 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 Infotech Ltd.  
Twenty First Century Auto Locks Pvt. Ltd.  
Tyco Electronics Corporation India (P) Ltd.

### U.

Ucal Fuel Systems Ltd.  
Ucal Polymer Industries Ltd.  
Ucal Products Pvt. Ltd.  
UMC Auto Industries Pvt. Ltd.  
Uni Deritend Ltd.  
Uniproducts (India) Ltd.  
Unique Suspensions Pvt. Ltd.  
Unitech Machines Ltd.  
Universal Wire Forms  
Urustun Metal Industries Pvt. Ltd.  
Usha International Ltd. (Unit Shriram Fuel Injection Industries)

### V.

Vaid Elastomer Processors Ltd.  
Valeo India Pvt. Ltd.  
Vanaz Engineers Ltd.  
Varroc Engineering Pvt. Ltd.  
Varroc Polymers Pvt. Ltd.  
Varun Radiators Pvt. Ltd.  
VE Commercial Vehicles Ltd.  
Vibrant Auto Components Pvt. Ltd.  
Victoria Tool Engineers (P) Ltd.  
Vijayshree Industries Pvt. Ltd.  
Vikrant Auto Suspensions  
Vinayaka C.N.C. Centre (P) Ltd.  
Viral Engineers  
Visteon Automotive Systems India Pvt. Ltd.  
VNM Polymers Pvt. Ltd.

### W.

WABCO-TVS (India) Ltd.  
Wahi Sons Pvt. Ltd.  
Western Auto Spares  
Western Thomson (India) Ltd.  
Wheels India Ltd.  
Wings Automobile Products (Pvt) Ltd.  
Wire Rings

### X.

XLO India Ltd.

### Y.

Yeshshree Press Comps. Pvt. Ltd.  
Yoshama And Company Pvt. Ltd.

### Z.

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

As on July 5, 2011





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