

ACMA

Automotive Component
Manufacturers Association of India

Annual Report 2011-12

| **AUTO COMPONENT INDUSTRY: READY FOR THE TRANSITION** |



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

ANNUAL REPORT 2011 – 12

ACMA

Automotive Component Manufacturers Association of India

President's Message



Dear Friends,

The Automotive industry in India and the world is going through turbulent, but exciting times. As I look back on the year gone by, there have been myriad challenges to growth in the Automotive industry. However, the Underpenetrated market and the unfulfilled Mobility Aspirations of the people in India are the silver lining that give us confidence of a steady growth trajectory, despite some hiccups enroute.

I am thankful to the ACMA membership for reposing faith in me and giving me the opportunity to serve them at a time when the overall sentiment is somewhat depressed and the industry is faced with the challenge of an economic slowdown simultaneously in India, and major Automotive markets like Europe and USA. I, along with the ACMA leadership team and the Secretariat have been working together to address

several concerns of the Auto Component industry, including its financial viability in the face of ever increasing cost pressures. Encouraging companies to invest in Design and Development, capability building, exploring new export markets, scaling up Capacity ahead of demand, specially for Tier-2 and Tier-3 enterprises and many more short term and long term challenges have been foremost on our mind. It is a matter of great satisfaction to note that the Auto Component industry is getting better and stronger, although we have yet a long unfinished agenda.

Industry Performance

Many factors are contributing to the economic uncertainty and fluctuating business prospects of the industry. High interest rates coupled with inflation, weakening of the rupee, volatility in the cost of raw materials and prices of crude oil, uncertainty in fuel policy and shaky customer confidence have made the last 12 months a mixed bag of highs and lows. 'Not normal' has become the 'new normal'. However, all this has not dented the confidence and spirit of the Auto Component industry, which continues to invest, grow, adapt and become more cost competitive.

High interest rates that have now prevailed for several months, lack of adequate investment in infrastructure, differential fuel prices and the overall economic slowdown in India and the overseas markets are having serious adverse impact on the output of the vehicle industry especially Passenger Vehicles, Heavy & Medium Commercial Vehicles, Construction Vehicles and Farm Equipment. Production of Passenger Vehicles crossed 3 million units growing only 4.7 percent, Commercial Vehicles grew 20 percent to 9 lakhs while the Two-Wheelers market exceeded 15 million units in sales growing 16 percent. There is no doubt the Medium to Long-term growth story of India remains intact, however we will have to get used to such transient ups-and-downs arising from the difficult economic situation.

In this background, the Auto Component Industry had to contend with a modest growth of 13 percent during 2011-12 with turnover of INR 210,975 crores (USD 43.5 billion). Imports continued to grow at 25 percent, exceeding USD 10.5 billion compared to USD 8.5 billion in the previous year. However, exports continue to be the beacon of hope despite the slow down in the global economy. Auto Component exports grew by 31 percent to USD 6.9 billion in 2011-12 from USD 5.2 billion in the year before, buoyed by increased penetration in Europe and the Americas. Notwithstanding the above, India continues to be a net importer of Auto Components and it is in the self interest of Auto Component industry to reverse this trend, by importing only what we must and exporting lot more than we do at present.

Business Development: National & International

ACMA believes that while the market slowdown may have dented the industry's performance in the short-run, significant opportunities exist to enhance our share in the global Automotive market. Accordingly, efforts to increase the Global footprint of the domestic Auto Component industry and build Brand India were significantly stepped up last year. Trade missions were mounted to Germany, Japan, France, Sweden and Russia to carry forward ACMA's agenda of promoting exports and facilitating strategic tie-ups in these vibrant markets. Exports received special thrust through participation in key international Auto-shows such as the IAA-Frankfurt, Automechanika-Shanghai, OTOMOTIV-Turkey, PAACE-Automechanika, Mexico and INAPA-Indonesia.

On the domestic front too, ACMA continued to play a key role in promoting the wholesome growth of the component industry. A very clear barometer of the rising stature of the industry was the huge success of the 11th Auto Expo 2012. We saw a record number of overseas exhibitors, as well as the largest ever presence of international business delegations, to stitch

technical and financial partnerships, and for the global outsourcing of components.

In-bound trade missions from Australia, France, Germany, and China came exploring opportunities in the Indian Automotive market. ACMA signed an MoU with Messe Frankfurt to facilitate participation of ACMA members at AutoMechanika Frankfurt 2012 and leverage Automechanika's global reach for promoting India as a reliable long-term destination for outsourcing components. It also entered into an MoU with NAPA, ACMA's Russian counterpart, to promote business between the Auto Component industries of the two countries.

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

New initiatives

I am also pleased that the year gone by has been one of new initiatives, introspection and rethinking. Sustained efforts were made throughout the year to change the industry mindset from that of 'Build to Print' to 'Product Development, Innovation, and IP creation' and focus attention on 'affordable R&D'. As an industry first, ACMA organised a 'Technology Day' at Tata Motors which was much appreciated by the Auto Component Industry. Another 'first' in the year was the Buyer Seller meet organised by ACMA for JLR, which will eventually lead to more high value added exports from India in the next years.

To acquire better understanding of the challenges of Human Capital in Auto Component industry, ACMA engaged Deloitte to conduct its first-ever HR compensation survey of our white-collared colleagues. Over ninety ACMA members - small, medium and large, across the country participated in this unique exercise. Each participant has now received a customized report giving comparative analysis of the compensation offered in similar companies in their geography, and insights into challenges that need to be addressed for better employee-employer relationship. The response to this exercise has been overwhelming and the next round of compensation survey will also cover our colleagues on the shop floor.

ACMA signed an MoU with SAP to offer its members, especially the smaller enterprises, easily accessible and affordable enterprise class IT solutions that are easy to implement, agile and scalable. This is to enable small and medium enterprises to leverage IT for faster decision making and become more cost competitive.

Technology & Quality

ACMA Center for Technology (ACT) continued to spearhead the drive for investment in quality, productivity and technology for ACMA members. To create engineering excellence through the Indian Productivity System (IPS), our 'Engineering Cluster' continued on its roadmap to foster a culture of in-house R&D in the industry. National Foundation Cluster, Advanced Cluster and an SME cluster were also launched for the benefit of our members, especially the SMEs. A 'New Product Development Cluster' is now on the anvil.

In addition, sustainable development initiatives with emphasis on energy conservation and environment management were launched and received with much enthusiasm by our members. This initiative will need more nurturing in the coming years.

Carrying forward its agenda of facilitating technology development, ACMA and Fraunhofer Institute of Germany organised a Technology Day on Resource Efficiency in Car Manufacturing. Two projects on "light weighting", one with Tata Motors and another with Ashok Leyland were the immediate fallout of this engagement.

Creating Capacity & Capability

Periodic engagement with SIAM through its Sourcing Group, Human Capital Group and Frontier Technology Group have been immensely beneficial, reinforcing the spirit of shared destiny between OEMs and the component manufacturers.

ACMA, SIAM, FADA and NHRDN jointly organised the Automotive HR Conclave that offered a platform to collectively dialogue on the HR levers for creating a 'Future Ready' industry.

ACMA and SIAM also worked together closely with KPMG to develop common IT interface standards

between OEMs and the component manufacturers for better management of the Industry value-chain. We shall shortly be announcing a pilot project to validate these standards.

Shortage of skilled manpower has been an area of concern for our industry. 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 successfully developed the curriculum for 'Machinists', 'Service Technicians' and 'Drivers' and already completed training of the first batch of candidates. Detailed roll-out of these courses is being planned and will be announced shortly. In the next phase, several other skill development courses for the Auto industry will be developed and delivered.

Furthermore, to create a new breed of smart managers for the component industry, ACMA and ISB, Hyderabad conducted a tailor-made Business Leadership Development Program, which was very well received by the industry. Learning in the program is through participative case studies developed by the Harvard Business School. Several eminent industry veterans shared their success stories in the interactive sessions.

To mentor the next generation of entrepreneurs, the Young Business Leaders' Forum (YBLF), continued its interactions with thought leaders and eminent OEMs, and also organised a visit to USA.

Knowledge Initiatives

To serve the industry in tune with its evolving needs and to be globally competitive, our Knowledge Partner Ernst & Young (E&Y) kept us abreast, through regular periodic updates, of the Global industry trends, performance analysis of the domestic component industry, trends in commodity prices as also the business & policy environment in India and overseas. Their incisive reports on the Indian Auto Component industry's financial performance

have been well appreciated by the ACMA membership and OEMs.

To gauge the size and emerging contours of the Aftermarket, and the impact of sales of spurious components on the industry, the study 'Indian Automotive Aftermarket - Emerging Trends in Distribution, Servicing and Future Regulations' (a sequel to its earlier edition released last year) was commissioned through Nielsen. Vehicle parc data was collected from 121 RTOs across 100 cities. The first edition carried information on vehicle parc data from 44 RTOs only.

To unravel new business opportunities, ACMA has engaged McKinsey & Co to conduct a detailed study on 'Leveraging superior growth foresight to strengthen country competitiveness'.

To cajole companies to invest in R&D, Ernst & Young is conducting a study on 'Growing beyond Manufacturing: India as an emerging Auto Product Development Hub'.

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

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

Policy & Public Affairs

We continued to effectively engage with the Government on several issues critical to the industry including WTO, FTAs, technical standards, Automotive regulations, enhancement of Drawback rates for export promotion, Foreign Trade Policy, etc. Our augmented credibility with the Government has resulted in a significant delivery for our members in the recent Foreign Trade Policy Supplement – twenty-three new components were added to the Market Linked Product Focus Scheme and another five new components

were added to the Product Focus Scheme. ACMA will continue to work for enlarging the list of components and countries that qualify for special incentives.

Our presence in the media has also been significantly enhanced this year. The media has been very supportive and continued to highlight issues of concern to our industry throughout the year.

ACMA launched the next phase of its campaign on 'Asli Naqli' to spread awareness on usage of genuine Auto Components and curb the menace of counterfeiting. Several road shows were held in vehicle service markets in Delhi and we will soon scale up this campaign to cover more cities in the country. To control the menace of spurious parts, over five hundred raids were conducted, with good results.

Service Delivery

The hallmark of any good Association is its Secretariat. Last year, a record over 120 events were conducted! I am pleased to mention that the ACMA Secretariat continues to be ISO 9001: 2008 certified. The ACMA website has been revamped to allow for better navigation and information access; a new website for ACT and a portal for facilitating business development in Tier 2s and Tier 3s are to be launched soon. Further, a new HR policy was implemented for the secretarial staff last year and a new Performance Management System is being introduced, to professionalize the team. We have also strengthened the infrastructure at all the ACMA offices by significant investments in IT tools. All our offices across the regions continue to be adequately staffed and are delivering effectively.

Challenges

While we saw moderate growth in the last year, the coming year has many new challenges. Uncertainty in the economy, high interest rates, lack of direction in fuel policy have considerably slowed down the growth in the Automotive market in recent times. Availability of power, lack of managerial bandwidth, and low return on investment add to the challenge of scaling up, especially for Tier 2/3 companies. Further, our Government continues to push for more Multilateral & Bilateral Trade Agreements, increasing the threat of imports; this is in contrast to many of our competitor nations imposing Non-Tariff Barriers on imports. The last year

witnessed production disruption due to several instances of labour unrest calling for urgent reforms in labour laws and simultaneous introspection within the industry of the changes needed in relationship management amongst employees to ensure workplace harmony. ACMA will continue to spearhead the cause of healthy and harmonious IR, for sustainable and healthy growth of the industry.

Acknowledgements

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

Lastly, as I lay down office after an extremely eventful and exciting year, I would like to thank all our members for their support and the trust reposed in me. I would particularly like to thank the Vice President, the Regional, Committee and Zonal Chairpersons, the Past Presidents, the Chief Mentor-ACT and our Executive Committee members for their guidance and involvement. I appreciate and applaud the efforts and support provided by the ACMA Secretariat. I am confident that ACMA and the entire Auto Component industry will flourish in the coming years and will continue to be the engine of growth for the nation.

— Arvind Kapur

C o n t e n t s

■ CHRONICLES

| | |
|---|----|
| 51 st Annual Session & National Conference | 8 |
| ACMA Awards for Excellence 2010-11 | 10 |
| Executive Committee Meetings | 11 |
| Special Felicitations | 12 |
| ACMA Centre for Technology (ACT) | 13 |
| National Committees | 16 |
| Common Events across the Regions | 38 |
| 11 th Auto Expo 2012 | 41 |
| From The Regions | 46 |

■ PEOPLE AT ACMA

| | |
|-----------------------------|----|
| Past Presidents | 73 |
| Executive Committee 2011-12 | 74 |
| Workforce 2011-12 | 76 |

■ ACKNOWLEDGEMENT

| | |
|------------------------------|----|
| Affiliations and Memberships | 77 |
| MoU Partners | 78 |

■ ACMA & THE INDUSTRY

| | |
|---------------------------------|----|
| About ACMA | 79 |
| Industry Performance Indicators | 80 |
| Publication | 82 |
| ACMA in the Press | 83 |
| ACMA Membership | 84 |

51st Annual Session & National Conference on “Benchmarking for Progress, Performance & Competitiveness”

September 6, 2011 : New Delhi

The 51st Annual Session of ACMA underscored the theme - Benchmarking for Progress, Performance & Competitiveness. The event had representation from all the stakeholders. Hon'ble Union Minister, Dept. of Heavy Industry & Public Enterprises, senior government representatives, industry stalwarts, diplomatic corps and various dignitaries graced the occasion with their presence and active participation.

Mr. Srivats Ram, then President, ACMA and Managing Director, Wheels India Ltd. in his welcome address, stated that there had been considerable growth in the Auto component Industry during the year. He cautioned, however, that there would be fresh challenges such as high inflation, hikes in interest and fuel rates, which could be the deterrents to the growth.

Mr. S. Sundareshan, Secretary, Ministry of Heavy Industry, in his Special address highlighted the Government's commitment to the Indian automotive component industry that competes with the world's best and strives towards closer integration into the global supply chain. He affirmed that the government would continue to work closely with the industry as in the past. He also cautioned that with globalization and the growth in the auto component industry in the east, lowering of tariffs due to trade agreements and foreign investments, it was important for manufacturers to keep in their vision a new challenge of foreign players competing on their turfs. Reiterating the government's commitment to encourage core manufacturing in India and strengthen its position as a global manufacturing hub, he urged the industry to actively participate and support the government's initiative towards electric and hybrid vehicles to encourage clean technology in transport.

The Chief Guest of the Session, Mr. Praful Patel, Hon'ble Union Minister, Ministry of Heavy Industry, complimented the industry for an impressive



Mr. Srivats Ram commencing the Annual Session



Mr. S. Sundareshan delivering the Special Address



Chief Guest, Mr. Praful Patel, inaugurating the Session



Chief Guest addressing the audience



Mr. Arun Maira with Mr. Srivats Ram



Release of ACMA- JD Power Study book



Panel Discussion during the session



Mr. Arvind Kapur concluded the Annual Session

turnaround during the year 2010-11. He recognized the significant contribution of the Auto Component Industry to the economy and he assured the industry of continued government support in critical areas, especially availability of capital at reasonable costs, availability of skilled manpower, stable long term government policies and proactive role by the government in the interest of the domestic auto industry in the various bilateral as well as Free Trade negotiations.

The Keynote Speaker Mr. Arun Maira, Member - Planning Commission, Government of India emphasized upon enhancing the pace of the manufacturing sector for significant contribution to country's GDP as also to create adequate jobs and balancing imports & exports. He further stressed that besides the producers and policy makers, the constructive involvement of other stakeholders was essential for a creation of a cohesive policy which requires actions at three levels, viz., Centre, State and Local like a wind tunnel strategy.

Subsequently, Mr. Mohit Arora, Executive Director, J D Power Asia Pacific, presented the outcome of the joint study commissioned by ACMA with JD Power - 'Insights into Supplier - OEM Relationships: A benchmarking study'. The study aimed at understanding and analyzing the relationship between the suppliers and OEMs in select markets.

A panel discussion ensued the JD Power presentation with eminent industry leaders who shared their views and comments on the study. The Panel was moderated by Mr. A K Taneja, Past President & Chairman Economic Affairs, WTO & Knowledge Partner Committee, ACMA while the panelists included luminaries such as Mr. R C Bhargava, Chairman, Maruti Suzuki India Ltd., Mr. Baba Kalyani, Chairman & MD, Bharat Forge Ltd., Dr. Markus Heyn, Executive Vice President - Passenger Cars, Robert Bosch GmbH., Mr. Michael Boneham, President & MD, Ford India Pvt. Ltd., Mr. Rakesh Batra, National Leader - Automotive Sector, Ernst & Young, Mr. Srivats Ram, then President, ACMA, Mr. Mohit Arora, Executive Director, J D Power Asia Pacific and Mr. Arun Maira, Member - Planning Commission, Government of India.

The panelists unanimously agreed on the interdependence and shared destiny of the OEMs and their suppliers Relationships need a strong foundation of 'Trust' and must go beyond the QCD parameters to have enhanced engagement levels.

ACMA Awards for Excellence 2010-11

Exports

NON-SME Category

- Gold Trophy : Raunaq Automotive Components Ltd.
- Silver Trophy : Lucas - TVS Ltd.
- Bronze Trophy : Hi-Tech Gears Ltd.

SME Category

- Gold Trophy : Luxite Industries Ltd.
- Silver Trophy : Aditya Auto Products & Engineering (I) Pvt. Ltd.
- Bronze Trophy : Stork Rubber Products Pvt. Ltd.

Technology

NON-SME Category

- Gold Trophy : Delphi-TVS Diesel Systems Ltd.
- Silver Trophy : Subros Ltd.
- Bronze Trophy : Wabco-TVS (India) Ltd.
- Mindarika Pvt. Ltd.

SME Category

- Certificate of Recognition : Bohra Rubber Pvt. Ltd.

Quality & Productivity

NON-SME Category

- Gold Trophy : Minda Corporation Ltd.
- Silver Trophy : The Supreme Industries Ltd.
- Bronze Trophy : Lumax Industries Ltd.
- Sanjeev Auto Parts Manufacturers Pvt. Ltd.

SME Category

- Gold Trophy : Bohra Rubber Pvt. Ltd.
- Silver Trophy : Sellowrap Industries Pvt. Ltd.
- Bronze Trophy : New Swan Autocomp Pvt. Ltd.

Recognition for Manufacturing Excellence

- Gold Trophy : Subros Ltd.
- Silver Trophy : Autoliv India Pvt. Ltd.
- Bronze Trophy : Endurance Technologies Ltd.
- Lumax Industries Ltd.



Winners of Gold Trophy:



Executive Committee Meetings



5th EC Meeting

5th Meeting of ACMA Executive Committee: 2010-11

May 12, 2011 : Chennai

During the Executive Committee Meeting, ACMA's Knowledge partner - Ernst & Young made a Presentation on the "Challenges of the auto component Sector".

6th & Final Meeting of ACMA Executive Committee: 2010-11

July 5, 2011 : Pune

1st Meeting of ACMA Executive Committee: 2011-12

September 6, 2011 : New Delhi

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



6th EC Meeting

2nd Meeting of ACMA Executive Committee: 2011-12

October 11, 2011 : Pune

3rd Meeting of ACMA Executive Committee: 2011-12

December 3, 2011 : Kolkata

4th Meeting of ACMA Executive Committee: 2011-12

March 24, 2012 : New Delhi

During the Executive Committee Meeting, Mr. Arun Maira, Member – Planning Commission, Govt. of India, stressed on the need for a Collaborative Development Model of the Indian Economy. He mentioned that 'being competitive' meant overall development. Stating the example of Japan, Korea and Germany, he mentioned that these countries had been able to sustain their competitiveness as they had been able to create a 'System' of consultation between the industry and the government and the 'System' learns together even when the labour and the currency rise; low wages and cheap currency do not always create competitive advantage.



Election of President / Vice President at the 1st EC Meeting



Mr. Arun Maira interacting with EC members

Special Felicitation

ACMA Felicitation Ceremony for Mr R C Bhargava, December 14, 2011



On being conferred with the coveted honour of 'The Order of the Rising Sun, Gold & Silver Star' by his Majesty the Emperor of Japan, ACMA felicitated Mr. R.C. Bhargava on 14th December 2011, New Delhi. The event was also to celebrate and commemorate the unparalleled contribution of Mr. Bhargava to Automotive and Auto Component Industry in India. Hon'ble Union Minister for Heavy Industries & Public Enterprises, Mr. Praful Patel, Chief Minister of Haryana, Mr. Bhupinder Singh Hooda were the Guests of Honour. Apart from felicitation quotes received by eminent OEMs, Prime Minister of India, Dr Manmohan Singh and Ambassador of Japan to India had also sent message for Mr. Bhargava. A host of dignitaries from the Government, the Automobile Industry & ACMA membership, Media and other walks of life attended the ceremony.

ACMA Felicitation Ceremony for Dr. Abhay Firodia, February 23, 2012



Dr. Abhay Firodia, Past President-ACMA & Chairman, Force Motors Ltd., has been conferred the coveted 'The Order of Merit' of the Federal Republic of Germany. Mr Arvind Kapur, President - ACMA, felicitated Dr. Abhay Firodia at a glittering ceremony on 23rd February 2012 in Pune. Accepting the felicitation, Dr Firodia remarked, "It is a great honour and privilege to be recognized by Federal Republic of Germany with the "Order of Merit". It is not an individual's effort that is recognised but the collective effort towards a common vision. It heartens me to see the auto component industry coming together to felicitate me and I thank you all for the recognition."

ACMA Centre for Technology (ACT)

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

Launch of 1st ACT Engineering Cluster

July 12, 2012 : Gurgaon

The cluster focuses on bringing engineering excellence in ACMA Member companies. 7 companies who had joined the improvement journey under the Cluster were: Abilities India Pistons & Rings Ltd., IM Gears Pvt. Ltd., WABCO India Ltd., Fairfield Atlas Ltd., Rockman Industries Ltd., Rico Auto Industries Ltd., RSB Transmissions (I) Ltd.

Successful Completion of ACT SME Preparatory Cluster (ER)

July 2010 - June 2011

A presentation ceremony was arranged on completion of one year "Preparatory Cluster program", on 26th July'11 at Jamshedpur in the presence of senior officers of TATA MOTORS, ACMA (ER) and Auto component industries. This was a one year improvement journey with 11 companies as its member. Six companies namely, Industrial Forge (P) Ltd., Singh & Sons, Nalin Rubber (P) Ltd., Aztec Engg., Arush Metal Casting (P) Ltd. & Pravat Fabricators presented their improvement projects.

Highlights of Presentation:

In-depth analysis using "7 Q C" Tools, application of FMEA on Quality issues,

improved store management with 2S approach, micro analysis & initiated actions on activities related to reduction in set up time (SMED). This has achieved reduction of set up time to approx. 60%.

- a Improvement Projects Identified (3M) : 558
- b No. Of Projects Completed : 216
- c Space recovered in sqm. : 5276sqm
- d Accident: Zero from Aug, 10 – Dec,10
- e Set-up Time Reduction in % (SMED) : 14% to 77%
- f No. Of Visuals Implemented : 4081
- g Absenteeism Reduction in % : 16% to 4%
- h Productivity Increased By : 7% to 65%
- i External Complaint Reduced From : 5 to NIL
- j 1S rating Increased : 12% to 78%
- k 2S Rating Increased : 5% to 81%
- l Money recovered in Lakhs (Disposal of unwanted) : NIL to 45 lakhs .

ACT-AOTS Training Programme on Productive Maintenance

November 24-25, 2011 : Pune

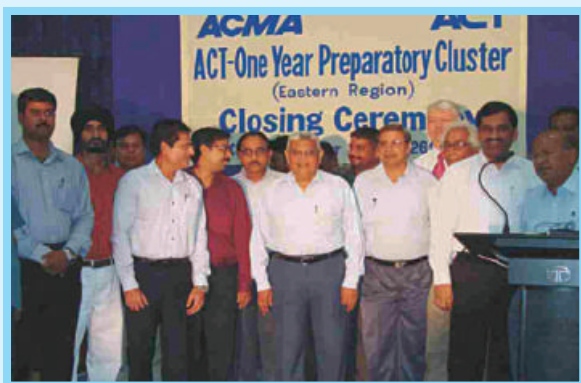
ACT in association with AOTS, Japan, organized a training program in Pune on Productive Maintenance. Mr. Sandeep Balooja, Chairman, ACMA (WR) inaugurated the program. Japanese expert, Nomura San, Sensei, visited India and imparted a specialized training on the subject to more than 38 participants. The key benefits to the participants included acquiring basic knowledge on equipment maintenance, acquiring the capability to identify problems in the manufacturing site and generating kaizen ideas to solve those problems.

The training session also included a plant visit to Minda Stoneridge Instruments Ltd., Chakan.

Launch of: ACT Foundation Cluster 7 & ACT Advance Cluster 3 & Closing of ACT Advance Cluster 2

September 27, 2011 : Gurgaon

ACT successfully launched the 7th Foundation and 3rd Advance Cluster Programme. The Closing Ceremony of 2nd ACT Advance Cluster was also organized on the same day. Mr. Deep Kapuria, Chairman, ACT, welcomed the participants and congratulated them for getting selected for the two years improvement journey. Cluster



Closing Ceremony of ACT SME Preparatory Cluster

Approach was defined as an activity wherein a group of companies work together for the overall excellence in their business by establishing world class shop floor practices. This was achieved through mutual learning and sharing. The Cluster program provides a solution to eliminate waste of all kinds observed in the shop-floor of any company.

Following companies joined the clusters:

ACT Foundation Cluster 7

Nipman Fasteners Industries Pvt. Ltd., Luxite Industries Ltd., New Swan AutoComp Pvt. Ltd., Allied Nippon Ltd., Neolite ZKW Lightings Pvt. Ltd., Rojee Tasha Stampings Pvt. Ltd., Kusalava International Ltd., Munjal Auto Industries Ltd., Stumpp, Schuele & Somappa Springs Pvt. Ltd., Sandhar Technologies Ltd.

ACT Advance Cluster 3

VE Commercial Vehicles Ltd., Sanjeev Auto Parts Manufacturers Pvt. Ltd., Munjal Auto Industries Ltd., Minda Stoneridge Instruments Ltd., Rucha Engineers Private Limited, Bharat Gears Ltd.

ACMA – Fraunhofer Technology Day on Resource Efficiency in Car Manufacturing & Workshop on Light-weighting

ACMA along with Society of Indian Automobile Manufacturers (SIAM) and Fraunhofer of Germany organised a Technology Day on “Resources Efficiency in Car Manufacturing” followed by a Workshop on Lightweighting on September 8, 2011 in New Delhi.

Through ACMA-Fraunhofer collaboration, ACMA brought to its members the latest developments in Light-weighting technology. Light-weighting could be achieved through either materials substitution or through more compact design/better manufacturing processes of a component or sub-assembly. At the workshop, experts from Fraunhofer discussed specific instances of implementing light-weighting technology. Five different project areas had been identified which included (1) Developing thin walled iron castings for cylinder blocks (2) Development of metal polymer panels for vehicle structures (3) Modified ausforming of leaf springs (4) Using a combination of high pressure die casting (5) Injection molding processes and finally using a combination of steel stamping and polymer thermoforming.



Mr. Deep Kapuria launching the new Cluster Programs



Launch of 5 S Cluster Program

Launch of Six Months 5S Cluster Programme

November 30, 2011 : Jamshedpur

ACMA Centre for Technology (ACT) had been organizing various cluster programs for the benefit of ACMA member companies. As on date, total 346 companies benefited through various cluster interventions of ACT. The clusters have a defined roadmap for completion under a predefined period of time (ranging from 1 to 2.5 years).

However, it was observed that there was a need for smaller duration program with a focused approach on 1s, 2s, Safety with employee involvement to achieve visible and sustainable results to improve the entire supply chain. ACT launched the “First 5s Training Program” for the Eastern Region (Jamshedpur) member companies. The program received an overwhelming response from its members. It is planned to initiate similar clusters in other regions as well.

The cluster was launched in the premises of Metaldyne Industries Ltd in the presence of the CEOs and teams of the participating companies. Members of the cluster were: Samarth Engineering Co.(P) Ltd., Metaldyne Industries Ltd., Highco Engineers (P) Ltd., Emdet Jamshedpur Pvt. Ltd., and Multitech Auto Pvt.Ltd.

ACT AOTS Training Program on Production Management in Japan

February 28 to March 9, 2012

A two week's program on Production Management was organized by ACT (ACMA Centre for Technology) in collaboration with Association for Overseas Technical Scholarship (AOTS, Japan). AOTS is an expert training organization that promotes training activities in Japan and abroad, focusing on Managers and Engineers of countries like India, China, Korea etc. Training aims to invite middle and top managers to Japan and assist them in development of their skills, using techniques and systems being applied in Japanese



Successful Completion of ACT-UNIDO Phase III Cluster (SR)



Interactive Session on Technologies

industries. The training curriculum consisted of lectures, exercises, assignments, plant visits and group discussions. Program Director was Professor Shigenobu. The objective of the program was to gain a systematic understanding on the Production Management Systems as practiced by the Japanese manufacturing companies. The participants visited the plants of the following companies: Toyota Motor Corporation, Motomachi plant, Toyota Commemorative Museum of Technology and Industries, Inatec Company Ltd., Toyota Boshuko Corporation, Kariya, ASMO Company Ltd., A.I.S. Corporation.

Successful Completion of ACT-UNIDO Phase III Cluster (SR), Bangalore

September 2009 to February 2012 (30 months)

The closing ceremony of ACT- UNIDO phase III Cluster {SR} Bangalore was organized on 7th March, 2012. Mr. Srivats Ram, Co-Chairman ACT, opened the session by congratulating all twelve cluster member companies and the ACT Team, for the success achieved during the 30 months journey. The cluster was launched on August 28, 2009 at Karnataka Turned Components, Bangalore. The cluster was mentored by Mr. Srinath, Vice President, Nash Group. All the companies achieved a remarkable results under the excellent guidance of Mr. Ananthkrishnan, National Expert.

Interactive Session on Technologies

March 9, 2012 : Pune

To keep ACMA members abreast of the latest technologies, ACMA Centre for Technology (ACT) developed a close working relationship with Fraunhofer, Germany. With continuous emphasis on demand for development of new technology, automotive manufacturers, the world over, are striving to make lighter, safer, less polluting and more fuel-efficient vehicles. Developments and innovations through new technologies in this field could help India not only cater to its burgeoning domestic market, but also make India a global hub for vehicle manufacturing. At the session, Fraunhofer experts discussed resource efficiency in automotive sector, new concepts in e-mobility, new age production technology, and tool & die making, material, processes etc. The program provided an opportunity for ACMA members to have a one-to-one discussion with Fraunhofer experts on various above mentioned topics.

National Committees

Many new initiatives, in addition to the routine events, formed a part of the year's Calendar of Activities of National Committees to streamline the deliverables of ACMA.

Aerospace, Defence & Railways Committee

ACMA continued to explore business opportunities in the adjacencies of Aerospace, Defence and Railways.

Visit to Bombardier Transportation India Ltd. Savli & Maneja Facility

August 12, 2011 : Vadodra

Bombardier Inc., a large Canadian company specializes in air and railway technology. In India Bombardier transportation specialize in Railway technology with two facilities in Vadodara, Gujarat. Purpose of the visit, led by Mr. Atul Raheja, Chairman, Aerospace, Defence & Railways, was to seek new business opportunities in Railways for Auto Component Manufactures. Giving an overview of their Salvi plant, Mr. Yogesh Dubey, Director-Human Resources mentioned on Bombardier's global network of services and support operations.

The delegation visited the Salvi Plant & Bombardier Maneja Facilities. Mr. Joerg Schllawa, Site Manager Bogie-Savli Locomotives & Equipment; Mr. Manish Shah, Head-Procurement; Mr. Atul Dhokiya, Director-Operations, Infrastructure Projects & Plant Engineering and Mr. Dibyendu C. Thakur, Head-Human Resources Locomotives & Equipment joined the interaction to provide inputs in order to make the ACMA visit to Bombardier more meaningful.

Visit to Diesel Locomotive Works

January 18, 2012 : Varanasi

Diesel Locomotive Works, Varanasi started with Joint Venture with ALCO, USA in August 1961 and rolled out 1st Locomotive in January 1964. DLW achieved the milestone of more than 5600 Locomotives in November 2009.

Diesel Locomotive Works shared a detailed presentation on the plants & parts they intend to procure from ACMA members. On behalf of ACMA, Mr. R. S. Kundi, Executive Director, Rico Auto Industries Ltd., thanked DLW Team for the opportunity.



Visit to Bombardier Transportation India



Visit to Diesel Locomotive Works

Consumer Affairs & Anti Counterfeiting Committee

As a part of the agenda drawn for the year, the Committee engaged itself with Nielsen & Company to understand the dynamics of Automotive Aftermarket study. A sequel to the Indian Aftermarket Study published last year was brought out. The Committee's drive against counterfeits continued through "Road-shows".

The Consumer Affairs Committee had meetings with international agencies also. The Committee was approached twice by Tec Doc Management Europe and met with members on 6th June, 2011 and also on 10th Jan, 2012.

Meeting with Tec Doc

June 6, 2011 & January 10, 2012 : New Delhi

Tec Doc is making a catalogue of parts available to the aftermarket globally. The electronic data available in the CD will be a platform for manufacturers to sell to their customers and also a key tool for parts



Interaction with Data Dot Technologies

distributors, retailers and garages to identify the correct part required to carry out repair. Tec Doc is seeking ACMA members support for inclusion of India parts in the directory.

Interactive Session with Data Dot Technologies

December 7, 2011 : New Delhi

Data Dot Technologies is an Australian company that offers theft deterrent and asset identification technologies offering customized support with regard to material security level.

Asli-Naqli Road Shows

The 'ASLI-NAQLI' show over the years, has gained immense popularity in trade shows like Auto Expo and partmart. This iconic event, a huge crowd puller continues to draw people from all spheres keen to learn visible dissimilarities of real parts from their fakes. The Committee also sensitized buyers and sellers alike through more focused 'Asli Naqli Road Shows' on risks involved in sale and use of spurious components. 'Asli Naqli Road Shows' were conducted in the busy cluster retail spare part markets of Kashmere Gate, Palika Bhawan, Vasant Kunj, Zamrudpur, Rohini and Karol Bagh areas of Delhi. ACMA Consumer Affairs Committee also had a number of meetings to charter action plan on consumer awareness programs and other programs outlined for members in the year.



Mr. Soumitra Bhattacharya inaugurating Asli-Naqli Road Shows

Release of Indian Automotive Aftermarket Study Book (Vol. II) & CD (update)

January 4, 2012 : New Delhi

ACMA, under the able leadership of Mr. Soumitra Bhattacharya, Chairman of Committee on Consumer Affairs & Aftermarket, announced the finding of its study on 'Emerging Trends in Distribution, Servicing and Future Regulations' in the Indian Auto Component Aftermarket, in January 2012. The study on the Indian automotive aftermarket was undertaken by ACMA through a leading market research agency - The Nielsen Company, the auto component aftermarket in India is valued at Rs. 24,800 Crs and another Rs 8,000 Crs for services. The Indian Automotive Aftermarket study Book II - Emerging Trends in Distribution, Servicing and Future Regulations, is in continuation of the association's efforts in understanding the dynamics of the Auto Component Aftermarket in India and yet another initiative to help increase public awareness on the danger to life and property due to usage of spurious auto components. The study Indian Automotive



Awareness Campaign at Asli-Naqli Road Shows



Release of Indian Automotive Aftermarket Study Book (Vol. II) & CD

Aftermarket - Emerging Trends in Distribution, Servicing and Future Regulations, is a sequel to the earlier edition released in February 2011, 'Automotive Aftermarket - The Future Ahead 2011' which was an extensive research to estimate the Automotive Aftermarket business potential in India and its likely size by 2020. It was for the first time that vehicle parc data was collated by make and model-wise, from 44 RTOs in the country. The current edition of the study focuses on Auto Components distribution structure and the likely changes in roles of channel partners as the market starts to mature. It also brings to light the dynamics of the vehicle servicing market along with the opportunities & threats. Further the study also enumerates the impact of future regulations - emission, safety, noise etc. on the Automotive Aftermarket. The study with updated vehicle parc data from over 150 RTOs, covering 100 cities, is expected to help the industry in servicing better the smaller towns and cities in the country.

IPR Cell at 11th Auto Expo 2012

The Auto Expo show 2012, for the first time had a key highlight - an IPR Cell, to safeguard the Intellectual Property Rights of exhibiting companies against display of their counterfeits or imitations. An aggrieved party was given an opportunity to approach the IPR cell and seek advisory for action against an infringing exhibitor company at the event. Information on the IPR Cell was widely disseminated amongst the Auto Expo participants. The IPR Cell was manned by an appointed attorney and an IPR Manager who personally visited close to 200 stands.

Seminar on Brand Protection through IPR Management

January 10, 2012 : New Delhi

Coinciding with Auto Expo, ACMA Consumer Affairs Committee also organised a one day seminar on 'Brand Protection through IPR Management'. The focus of the seminar was to explore ways and means to prevent infringement, understand various dimensions of IPRs and to share some practical hurdles prevailing in the system. Sharing his views with participants, Chairman Consumer Affairs Committee, ACMA, Mr Soumitra Bhattacharya said that it was important to invest on brand protection for long term sustenance, in addition to having a strong brand. The Presentations were made by Mr Praveen Khanna, Manager- PRS Permacel Pvt Ltd, Mumbai, Mr J Sai Deepak, Partner - Sai Krishna & Associates, Ms Kalpana Reddy, First Secretary from the US Embassy, Mr Kamal Sharma, Attorney, Remfry & Sagar.



Members at IPR Cell



Mr. Soumitra Bhattacharya addressing

Economic Affairs, WTO & KP

ACMA continued direct and intense dialogue with the Government of India on issues impacting the Auto Component sector. In this regards, appropriate representations were made and consultations were held across ministries and departments of the government.

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

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

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

A number of new Industry-Government initiatives took shape under the umbrella of the Ministry of Heavy Industries & Public Enterprises. This parent ministry for the automotive industry, in cooperation with the automotive industry associations ACMA, SIAM and SMEV took up the work of evolving a “National Electric Mobility Mission Plan 2020”. A number of specialised Working Groups were formed covering key areas such as R & D, Infrastructure, and Demand & Supply. Furthermore a number of sub-groups, under each one of the three working groups, were set up for preparing the groundwork required for finalising key recommendations, policy framework, schemes, projects etc of the National Mission for Electric Mobility and for ensuring faster roll out of the various initiatives proposed to be taken up. The Working Groups as well as the Sub Groups comprise of officials from government and industry. The Ministry continued its support of the auto component industry on various issues such as Foreign Trade, Fiscal Policy, R&D, Skill Development, etc. ACMA submitted a number of representations on the issues that directly impact the industry. The MOHI & PE played a crucial role on all aspects of policy and acted as a catalyst in fostering growth in the automotive industry.

Ministry of Commerce & Industry

ACMA continued its close interaction with the Ministry of Commerce & Industry and DGFT on various issues connected with International Trade Policy, Trade Promotion and Foreign Trade. Regular consultations also took place on various FTA negotiations, especially on the coverage of products and rules of origin. Supplement 2012 of Foreign Trade Policy 2009-2014 came out with an objective to promote exports. In the supplement, additional benefits were extended to the Auto Component Industry under the Chapter 3 Export Promotion Schemes- Market Linked Focus Product Scheme (MLFPS) and Focus Product Scheme (FPS). 7 new markets have identified under Focus Market Scheme. Zero Duty EPCG Scheme has now been extended upto 31st March 2013 for technology upgradation of export sectors.

Interaction with MSME Ministry

During the last year, ACMA had several meetings with the MSME Ministry officials to

voice the concern / challenges of MSME members of auto component industry. ACMA was invited by the MSME Ministry – for the first time, to be a part of three Working Groups that were formed to submit Recommendations on “MSME Growth” for the 12th Five Year Plan for the Planning Commission. The Working Groups where ACMA was a part of, pertained to issues related to : Credit & Institutional Finance, Technology & Innovation, Emerging Technologies.

Fiscal Policy

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

Parliamentary Standing Committee

Interactions were held with the Parliamentary Standing Committee on Industry where ACMA highlighted all the key recommendations for promoting the growth of the auto-component industry, including a special representation for MSME members, for the first time.

Planning Commission

ACMA had increased engagement with the Planning Commission during the year. The association was represented on a number of the Working Groups / Sub Groups formed by the Planning Commission in preparation of the 2012-2017, 12th Five Year Plan document. The sub groups that ACMA was represented on essentially pertained to Automotive Industry, Skill Development, Labour Flexibility, Manufacturing Technology, Exports and MSME.

Ministry of Road Transport & Highways

ACMA participated in meetings and discussions organised by the Department of Road Transport. ACMA played an active role in the establishment and constant revision of automotive standards under CMVR, AIS and BIS and in setting up minimum technical/quality standards for components sold in the aftermarket.

Knowledge Partner

The ACMA Knowledge Partner - Ernst & Young provided knowledge based updates and reports on Taxation, Commodity prices and Statistical updates to include Import & Export trends and Financial Analysis of the sector. They also provided industry specific country Reports and made presentations to ACMA Delegations that traveled overseas to Russia and Japan.

Globalisation & Trade Fairs Committee

This year, in order to enhance India brand building, the Globalisation and India Brand Building Committee was expanded to include Trade Fairs under the Chairmanship of Mr. Jayant Davar, Past President, ACMA. In order to catapult the global exports to achieve the export target of US \$26 billion by 2020, a draft agenda with terms of reference was prepared to guide the membership for an envisaged export growth path and motivate industry towards doubling exports in the next 3 years.

Following are the key areas that the Committee addressed for the year 2011-12.

- Internationalization of member companies
- Facilitating exports
- Information sharing and learning

The committee this year took a special initiative in promoting the Indian automotive components manufacturing companies to both established and emerging market through participation in the Automechanika Brand portfolio of International Trade Fairs worldwide and to establish an internationally recognized automotive after market trade fair in India.

ACMA has now been recognised by Ministry of Commerce and Industries (MoC) under its Market Access Initiative Scheme (MAI Scheme) and Market Development Assistance Scheme (MDA Scheme) for funding support for various trade fairs participation worldwide.

Incoming Delegations / Meetings

Incoming delegation from Australia

April 10-19, 2011 : New Delhi, Pune, Mumbai, Chennai & Bengaluru

A 65-members trade delegation visited India during April 10-19, 2011, including 9-automotive companies from the State of Victoria. This automotive delegation was a part of the larger Victorian State Government delegation visiting India with five industry sectors (Aviation, Automotive, ICT, F&B and Clean Tech). The automotive delegation was led by Mr Barry Comben, Past President FAPM and member of Automotive Innovation Council. The delegation visited Bangalore on 10th -11th April, Chennai on 12th -13th April, Mumbai on 13th -14th April, New Delhi on 14th -17th April and Pune



Renewal of MoU between ACMA & FAPM

on 18th & 19th April 2011. These Victorian automotive companies were the Tier-1 automotive component suppliers and were seeking business match meetings with Indian partners (JV's/ technical collaborations/ Distributors, etc.) and directly end customers. FAPM and ACMA have been fostering close co-operation since 1992 and renewed their MoU at a ceremony on April 15, 2011, in New Delhi.

Incoming delegation from Italy

April 18-21, 2011 : New Delhi

Italian Trade Commission (I.C.E.) in collaboration with Confindustria (Confederation of Italian Industries), ANFIA (The Italian Association of the Automotive Industry) & Unione Industriali di Torino (The Turin Industrial Association) brought a 60 member delegation consists of 30 Italian companies from the fields of automobile manufacturing, automotive component manufacturing and industrial, financial and automobile design institutions to India from April 18 - 21, 2011. The broad objective of the delegation was to see and assess the potential of Indian companies with a view to building relationships with the Indian automotive industry. ACMA organised a seminar & business meetings for its members in Delhi & Pune.

Meeting with French Parliamentary Delegation

September 19, 2011 : New Delhi

The Embassy of France in India organised a delegation of French Members of Parliament



Members of French Parliamentary Delegation



Memento presented to Mr. Harada of Saitama Prefecture



Meeting with Dr. Don Russel & Team

visiting India on 19 September, 2011. The broad objective of the delegation was to explore ways and means to intensify the bilateral co-operation with special emphasis on the fields of water management, automobile components, urban transport and consumer goods. This was a further step towards achieving the planned objective of a two way trade of 12 billion euros, announced during the Presidential visit in 2010. Mr. Jayant Davar, Chairman – Globalisation & Trade Fairs Committee, opened the session. He tendered a special word of welcome to Mr. Eric

Woerth, Former Minister for Finance, Member of the French Parliament and Mr. Paul Giaccobi, Member of French Parliament and Vice Chairman of the Indo-French Friendship Parliamentary Committee.

Meeting with Automotive Delegation from Saitama Prefecture, Japan

September 19, 2011 : New Delhi

A delegation of seven Japanese small and medium manufacturers from Wako City of Saitama Prefecture Japan led by Mr Harada visited India from 18th - 23rd September 2011. The broad objective of the Delegation was to get an insight of the auto industry status in India and also to exchange information concerning auto and auto-component industries in both countries.

Meeting with Swedish Winter Test Delegation

September 27, 2011 : New Delhi

The Swedish Proving Ground Association visited India from September 26 to October 4, 2011 headed by Mr. Stefan Oskarson - Chairman Swedish Proving Ground Association and Mr. Peter Ekenger - Project Head FKG, Sweden. Also senior Research Professors from Lulea University of Technology also joined the team of 12 delegates.

The delegation highlighted the facilities in Sweden for testing of vehicles and components in cold climate conditions to help the manufacturers who wanted to export their products to Europe and North America.

Meeting with Dr Don Russell, Secretary of the Department of Innovation, Industry, Science and Research, Australia

November 14, 2011 : New Delhi

ACMA-SIAM had a joint meeting with Dr Don Russell, Secretary of the Department of Innovation, Industry, Science and Research, Australia. A Joint Working Group has been proposed on the same lines as Indo-German Joint Working Group.

An MoU draft from Australian Government has been submitted to the Indian Government. Both sides agreed to look for opportunities in the area of cooperation between the two countries also on joint development in the domain of technology, R&D and possibility of engaging with tier 2/3 for JVs, partnerships, etc.

Meeting with Ministerial Delegation From Saxony, Germany

November 15, 2011 : New Delhi

ACMA had met with Mr. Sven Morlok, Hon'ble Minister for Economic Affairs, Labour and Transport of the German Federal State of Saxony and his senior colleagues from the Ministry. Mr. Marlok updated us about the opportunities that exist in Saxony and invited ACMA for a possible delegation/ cooperation meet in Saxony. 6,00,000 cars are manufactured annually, major car manufacturers Porsche, BMW and VW are situated in Saxony. Also Saxony is the biggest manufacturer of microchip in Europe and Saxony has invested 1.5 bln Euro in Technology. Also, the Minister invited ACMA to Leipzig Show, which is organized in the month of March/April that would provide lot of opportunities for the ACMA members. Welcoming ACMA's invitation to visit the 11th Auto Expo 2012, Minister confirmed that they would highlight this to the Saxony Economic Development Cooperation who could possibly arrange a delegation visit. He also updated that many Fraunhofer Institutes are located in this region.



Memento presented to the Saxony Minister Mr. Sven Morlok

Industry Briefing Session: Meeting with Delegation From Victoria, Australia

February 21, 2012 : New Delhi

ACMA met Mr. Richard Dalla-Riva, Minister for Employment & Industrial Relations and also Minister for Manufacturing, Exports and Trade – State of Victoria . Mr. Arvind Kapur, President, ACMA, highlighted the discussions held during the Auto Expo on 6th January with Mr. John Conomos, Auto Industry Envoy and Mr. Geoff Lewis of the Australian federal Government – Dept. of innovation Industry Science and research (DSIIR), on the Close co-operation and joint-research on light weighting, and new product development, Strengthening partnership at T2/T3 levels through JVs and tie ups, and jointly developing up-skilling and train the trainers programs for the industry.

Mr. Kapur and Mr. Sandilya, President, SIAM presented the strengths of the Indian Automotive Industry. The delegation also visited Mumbai, Pune, Chennai & Bangalore.

Meeting with Automotive Delegation From ACICAE (CLUSTER DE AUTOMOCIÓN DE EUSKADI) Spain

March 22, 2012 : New Delhi

Delegation from ACICAE Spain comprising of 5 Auto Component companies apart from ACICAE (Basque



Meeting with Spanish delegatgion

Country Automotive Cluster) & AIC- Automotive Intelligence Centre visited ACMA to discuss its offering to the Auto Component industry. The Basque Automotive Industry is one of the leading industrial regions in Europe comprising over 300 businesses with a global turnover of 10 billion euros and a very strong workforce worldwide. Furthermore, the industry uses all the available technologies to produce a wide range of products for the major carmakers and tier one suppliers the world over. Mr. Jayant Davar, Past President & Chairman- Globalisation & Trade Fairs made a presentation for the delegation. Members were also invited to participate in the meeting.

Meeting with Delegation from Singapore, New Delhi & Chennai

March 23, 2012

International Enterprise Singapore (IES) organised a seven member company delegation from Singapore for a meeting with members to develop new partnerships with the Indian industry. The companies represented the foam and rubber components, precision sheet metal

and machined components, stampings, injection moulded plastic components etc. IE, Singapore is a statutory board under the Singapore's Ministry of Trade and Industry. ACMA was invited to make a presentation to the delegation and also organized plant visit to some member companies. The objective of the delegation was to explore & identify means to work closely with ACMA and establish industry linkages to facilitate business between Singapore companies and India business enterprises.



ACMA's Participation at Australian Automotive Week, Melbourne



Members with Mr. Bhupinder Singh Hooda, Chief Minister of Haryana at India-Japan Partnership Summit



Mr. Praful Patel addressing at India Day, IAA

India Brand Building

Participation at Australian Automotive Week

July 4-8, 2011 : Melbourne, Australia

The Automotive Week in Melbourne is an initiative of the Govt. of Victoria and the Federal govt. of Australia to showcase its suitability as a premier automotive investment destination. With a goal to attract global investments, and special focus on ASEAN countries, it is part of an ongoing effort to promote Melbourne region as a locations that can take a vehicle through the entire development spectrum from concept to delivery. ACMA was invited to visit The Automotive Week and its related events. Interactions with the Government authorities of State of Victoria, two visits; to Robert Bosch, Melbourne and to CME- Composite Materials Engineering P. Ltd. Opening of the Australian International Motor Show and the Annual Conference of Federation of Automotive Product Manufacturers were some of the major events of the week.

India-Japan Global Partnership Summit

September 5-7, 2011 : Tokyo, Japan

To mark 10 years of the announcement of India-Japan Global Partnership Agreement, the India Center Foundation organised the summit from September 5th - 7th in Tokyo, Japan. "India-Japan Global Partnership Summit 2011" is envisioned as a summit of two great nations - where various leaders of society from both nations can interact and exchange ideas in very conducive environment to produce a Micro Road Map for the Macro Vision which exists in the form of India-Japan Global Partnership. This summit provided a platform for face to face discussion among the top business leaders, policy makers, opinion leaders and academicians from both nations.

Government of Haryana was the 'Partner State' and had invited ACMA to be part of them. ACMA had an information booth in the pavilion of Haryana and few senior board members of ACMA were part of the delegation which was led by Mr. Bhupinder Singh Hooda, Chief Minister of Haryana.

India Day at IAA show 2011 (Passenger Vehicles)

September 16, 2011 : Frankfurt, Germany

VDA with the support of ACMA organized the India Day on the 16th of September during the 64th International Motor Show (IAA Motor Show - Passenger Cars), Frankfurt, Germany.

The India delegation organized by ACMA & SIAM was led by Hon'ble Union Minister for Heavy Industries & Public Enterprises, Mr. Praful Patel addressed the gathering of over 350 delegates at the India day, where 60 years of Indo-German Cooperation was also celebrated. Mr. Arvind Kapur, President, ACMA made a presentation on the Auto Component Industry in India: Growing Capabilities & Strengths.

H.E. Mr. Thomas Matussek, German Ambassador in India also addressed the gathering on the Indo-German relationship. The show focused strongly on future solutions such as the hybrid, hydrogen, flex-fuel and SCR technologies for reducing nitrogen oxide emissions.

Outgoing Missions

CEOs' Mission to USA

June 6-10, 2011

The delegation of 21 member companies was led by Mr. Srivats Ram, the then President of ACMA. The broad objectives of the mission were to understand the outlook of the US Automotive Industry and OEMs/ Tier 1s towards India their sourcing strategy with specific reference to India and exploring opportunities for business alliances.

B2B meetings were held with individual commodity teams and buyers to discuss capabilities and offerings of various delegates with all visiting OEMs and Tier 1 companies. Following the meetings, few companies have already received RFQs from the companies visited.

The visit included meetings with Meritor, OESA, Eaton Corporation, Ford Motor Company, Miller Canfield, BorgWarner, General Motors, Caterpillar, Cummins etc. OESA also organized a seminar where in their members were invited for networking.

CEOs' Mission to Japan

November 14-18, 2011

ACMA in co-operation with Indian Embassy in Tokyo, JAPIA, JETRO and JIIPA organised a CEOs' Mission to Japan from November 14-18, 2011 led by Mr. Arvind Kapur, President, ACMA. Coinciding with the mission visit, a seminar on "India Japan Automotive Cooperation meet" was held in Tokyo.

The seminar projected the opportunities available for Indian firms in Japan, and for Japanese firms in India.



CEOs' Mission to USA



CEOs' Mission to Japan - Members with Mr. O. Suzuki

The delegates were exposed to prevailing best practices followed by OEMs and Tier-1s in Japan and the delegation of 20 companies visited Nissan, Suzuki, Toyota and had meetings with their senior purchasing team. It was also an opportunity for every one to meet Mr. Osamu Suzuki, Chairman & CEO, Suzuki Motor Corporation. A meeting with our MoU Partner Japan Auto Parts Industries Association (JAPIA) was also organised.

Workshops / Seminars & Conferences

Workshop on Basic Tools and techniques of project management & How to improve quality deployment at tier 2 suppliers – An IPO Forum Initiative

July 7, 2011 : Pune

The workshop was conducted by Mr. N. R. Ramakrishnan, Manager IPO, Mercedes-Benz India Private Limited, Mr. Vipin Kaul, General Manager IPO, Cummins, Mr. Hemant



Workshop on Basic Tools & Techniques



Mr. B K Bose addressing the audience at the Conference

Urdhwarashe, Director, Institute of Quality and Reliability & Mr. Scott Coates, Senior Management Consultant, PAC Group.

Mercedes and Cummins covered and emphasized on the tools and techniques of Project Management where as Mr. Hemant and Mr. Scott covered the following topics during the workshop, Impact of variation on supply chain, McConnell's Experiment, Roadmap to improve quality performance, Overview of tools for prevention of defects, FMEA, Capability Analysis, Measurement Systems Analysis, Data Analysis Tools, Design of Experiments etc., Overview of the benefits and key concepts of APQP, and strategies of how to effectively execute APQP.

Workshop on IPR, Copyright and Patent Issues

October 21, 2011 : New Delhi

The interactive session was organised by ACMA in association with PAV Law Offices, Gurgaon to update the participants on the latest developments in US law in the auto sector. It

provided a broad understanding of the nature of US intellectual property laws, with real world examples of how to be ready for challenges that may arise through importation or sales to the US market and focus on how an Indian company can either avoid becoming embroiled in such litigation and how to achieve a good business result.

The participants were informed about the basic difference between the utility patent and the design patent in USA. The participants were also informed that the Indian Government is also considering to protect the Indian SMEs by implementing Utility Patent Model as it is implemented by many countries around the world. Mr. Randy Noranbrock and Dr. Sean Passino from USA travelled to India for the presentation.

IPO Conference on "Going Global - Challenges Ahead"

January 9, 2012 : New Delhi

22 International Purchasing Organizations (IPOs) were part of the IPO Conference on "Going Global - Challenges Ahead" organized under the IPO Forum of ACMA coinciding the 11th Auto Expo on 9th January, 2012 in New Delhi. On the Opportunities and challenges, General Motors, Getrag and Tyco shared their experiences.

Some of the Challenges addressed were, flawless launch of projects, supply chain management, effective capacity utilization, relationship management, continued cost competitiveness, contractual security, delivery, quality, price, exchange fluctuations, local demand vis-à-vis exports, logistical competence, executional, cultural, inherent and financial challenges.

Supplier design capability was a new initiative discussed during the Conference. Mr. Reinhold Hierl, Director - IPO, BMW India Pvt. Ltd. outlining the program, mentioned that the engineering capabilities would be looked at by the IPOs and global players to go the next step in building stronger relationships.

Other Activities

2nd ACMA-ISB Business Excellence leadership program: "Winning in the flat world – Strategies to meet globalization challenges"

March 18-21, 2012 : Hyderabad

To address the specific needs of the industry and to respond strategically to the emerging global challenges,

ACMA last year signed an MoU with the Indian School of Business, Hyderabad to design and develop Business Excellence Leadership program for the CEOs. Continuing with its theme -Globalisation and Strategy, the second in series, three day training program once again brought together business executives and the academia for focused group discussions on companies that had identified game changing trends to respond strategically to the competitive market forces. The faculty, comprising Dr Srinivasa U Rangan, Research Fellow, Asian Institute for Latin American Business at Babson College and Dr Sam Hariharan, Associate Professor in Management, Babson College, MA-USA also gave group assignments to analyze and represent these case studies in different scenarios. Thought Leader presentations were made by Dr Surinder Kapur, Chairman, Sona Group; Mr N K Taneja, Group Chief Marketing Officer, Minda Management Service Ltd., Mr Amit B Kalyani, Executive Director, Bharat Forge. Mr Bhaskar from HCL represented a speaker from the non automotive fraternity.



Participants of ACMA-ISB Program at ISB Campus, Hyderabad

Trade Fairs : International

Group Participation at European Automotive Components Expo

May 17-19, 2011 : Stuttgart, Germany

ACMA for the first time participated at the European Automotive Components Expo (EACE) held at Messe Stuttgart, Germany from 17-19th May, 2011. EACE, a three day event in its seventh successive year was a focused specialized exposition on automotive testing, engines, vehicle dynamics automotive components and the automotive interiors each running in concurrence. The ACMA joint stand located in the European Automotive Components Exposition had participation from 8 member companies that included Anand Motors, Banco Products, Gilard Electronics, Indo Autotech, Roop Group, Rasandik, Global Automotive and Shivam Autotech. On display at EACE were some new technologies suitable for Euro 6 and Euro 7 emissions standards. EACE was purely a business visitors show with visitors from Europe, China, Russia, South Korea, Israel, Turkey, UK and USA.

Participation at 64th IAA – Ausstellung: Focus – Passenger Cars (Information Booth)

September 13-16, 2011 : Frankfurt, Germany

ACMA participated at the 64th Internationale Automobil Ausstellung (IAA – Focus Passenger Car) with an information booth, held at Messe Frankfurt



Dr Binoy George, Consul, CGI at ACMA stand at Stuttgart, Germany



ACMA Office bearers with President, SIAM at the IAA Show

GmbH, Frankfurt, Germany held from September 13-25, 2011. The show, opined as world's most important trade fair for mobility was inaugurated by Angela Merkel, Chancellor of Germany, and was visited by over 9 lakh visitors. ACMA through its information booth disseminated information on the Indian automotive and component industry. 5-member companies also took the opportunity of displaying their Product Catalogues. The show which was organised by ACMA's counterpart in Germany Verband der Automobilindustries

(VDA), saw 1012 exhibitors from 32 countries displaying their innovations in an area of 235,000 sq. mtrs.

Group Participation at Otomotive 2011 November 24-27, 2011 : Istanbul, Turkey

Considering the huge potential, ACMA for the first time organized a Group participation in OTOMOTIV 2011 scheduled from 24th to 27th November 2011 at CNR Expo Centre, Istanbul Turkey with financial support from Ministry of



Mr. Subhash P. Gupta, Indian Consul at ACMA Stand at Otomotive, Turkey



Ms. Riva Ganguly at ACMA stand at Automechanika, Shanghai



ACMA members at INAPA Show

Commerce (MoC). At the ACMA joint stand, 15 member companies displayed their manufacturing strengths and capabilities to the Turkish Automotive Industry with a total display area of 150 sq. mts. Besides India the other country pavilions were from China, Taiwan, South Africa & England. There were other international exhibitors from USA, Netherlands, Pakistan, France, Italy, Germany and UAE. In terms of area, the Indian Stand was 3rd largest among the International Pavilions with China & Taiwan being the first and second respectively.

Joint Participation at Automechanika Shanghai with CII

December 7-10, 2011 : Shanghai, China

ACMA and CII organised a joint stand participation of member companies at the Automechanika Shanghai, where 19 Indian companies exhibited their products for the first time. The India Pavilion was inaugurated by the Consul General of India in Shanghai, Ms. Riva Ganguly Das.

Speaking on the occasion, Ms. Das mentioned that Indian companies should look at exploring the market in China and showcase their qualitative and engineering excellence; there are vast opportunities for Indian companies to tap into MNC OE market. The Indian pavilion saw visitors from China, Singapore, Ukraine, Turkey, Japan, Iran, Egypt and other countries. The ACMA information booth provided information on the Indian industry and also displayed and distributed catalogue of member companies who participated through catalogue displays.

Group Participation at INAPA 2012 - The ASEAN's Largest Auto Parts, Accessories and Equip Exhibition & Conference 2012

March 28-31, 2012 : Jakarta, Indonesia

ACMA for the first time organized its Group Participation (India Pavillion) in INAPA 2012 scheduled from 28th to 31st March 2012 at JIExpo, Kemayoran, Jakarta, Indonesia with a total display area of 100 sq. mts. Confirmed orders and enquiries were generated by some of the participants. One of the participants got the orders worth US\$ 4 Mln.

The exhibitors felt that there is a huge potential in Indonesia being one of the largest economies of ASEAN however the response was mixed from the participating companies.

HR, IR & Skill Development Committee

The scope of the HR Committee was widened this year and the IR & Skill development aspects were also brought under the purview of this Committee to provide a holistic approach to the overall challenges.

Seminars / Conferences

Seminar on “Effective HR Practices” jointly with Northern Region

May 4, 2011 : New Delhi

Jointly with Northern Region, the Conference was organized. Mr. F R Singhvi, Chairman, HR Committee urged the participating companies to develop effective HR practices in their organizations to remain competitive in order to sustain growth. Mr. K S Bhullar, President-HR, Anand Group presented a Case Study on Operating Engineers Model, an Innovation that changed conventional Shop-Floor HR Practices. Mr. Suresh Tripathi, President-HR, SRF Ltd. gave presentation on Leadership Development. Mr. Sidhant Thakur, Program Leader, School of Inspired Leadership shared his thoughts on “Talent Retention in a Competitive World”. Mr. Ravi Kapoor, Senior Manager, Human Capital Advisory Services, Deloitte Touche Tohmatsu India Private Ltd. organized a small workshop on “Unleashing the Talent within through Competencies”.

Conclave on Role of HR in Organizational Change to Maintain Cost competitiveness

July 29, 2011 : Chennai

Under the aegis of the Southern Region HR Forum of ACMA, the Conclave was organized. The event addressed the role of HR & IR in cost competitiveness through a panel discussion. The Chief Guest - Mr. Prince Augustin, Executive Vice President, Mahindra and Mahindra, gave a macro picture of the automotive industry and outlined the transition of the Indian auto component industry. The Speakers who shared their view at the Conclave were :

Mr. Srivats Ram, President, ACMA; Mr. S. Shivram, Director – Human Capital Advisory Services, Deloitte in India; Mr. T.R. Parasuraman, Senior VP – HR, Admn, PC and USE, Toyota Kirloskar Auto Parts Pvt Ltd.; Mr. Kris Srikanth, Chairman of Selectors, BCCI & Director, Careerstrokes.com; Mr. A. Viswanathan, Country MD, Visteon Automotive Systems India; Mr. Kovai Chelvan, Sr. VP, HR & TQM, TVS Motors Ltd.; Mr. K. S. Venkiteswaran, Executive Director, IR, Sanmar Group;



Release of Salary Survey Report



HR Committee Chairman – Mr. F R Singhvi addressing



HR Conclave in Chennai

Mr. Srinageshwar, Executive Director-Group Industrial Relations, Simpson & Group Companies; Mr. Ajit Mathai, Director - Alignment & Building Capacity (ABC), GUIDE (Government, Utilities, Infrastructure and Development), Deloitte in India. Mr. R. Venkatanarayanan, Chairman- HR Forum (Southern Region), ; Mr. Harish Lakshman, Chairman – Southern Region, ACMA and the Chairman of the ACMA HR Committee – Mr. F R Singhvi.



3rd Summit of HR in Pune

3rd HR Summit "Engage HR as Strategic Partner and Cultivate Internal Skills" jointly with Western Region

January 24, 2012 : Pune

Jointly with Western Region, the Summit was organized. HR professionals from General Motors, Thermax and Honeywell made presentations on HR and renowned Advocate Mr. Rajiv Yashwant Joshi, and HR & IR professionals from Kirloskar Brothers Ltd. shared their experience on IR. Key learning: HR to form part of the core business activities in the present dynamic environment; Organisations to have a proactive approach towards HR & IR and treat unions as partners.

Mr. Sharad Gangal, Executive Vice President, HR & IR & Admin and Member of the Executive Council, Thermax Ltd. presented an overview on "Human Resource Development – Whose responsibility is this – HR Professionals, Business Managers or CEOs?". Mr. Vikas Shirodkar, Vice President-HR, General Motors India focused on "From HR Department to Board Room – Paradigm Shift". Addressing the participants and sharing his experience on Industrial Relations - Recent Judgments & Important Aspect of Business – Do's and Don'ts, Advocate Rajiv Yashwant Joshi mentioned that there was a need to create awareness on law related to Contract workers.

Mr. Dinkar Nimbalkar, Vice President & Head, Corporate HR Management & Communications, Kirloskar Brothers Ltd., shared his views on Industrial Relations - Is it to be maintained or preserved? Ft. Lt. Sheena Minhas, Chairperson-ACMA WR, HR Forum & Director- HR, Honeywell Turbo (India) Pvt.

Ltd. presented an update on ACMA WR HR Forum - Road Map & HR trends in 2012.

Regional HR Fora

With the continuous effort, all the Regional HR Fora met at regular intervals with the objective of sharing best HR Practices, networking and learning from each other. 4 to 5 meetings held in each region.

New Initiative

Session on Survey Report Findings

March 26, 2012 : Pune

As one of the first-ever initiatives, ACMA's HR, IR & Skill Development Committee partnered with Deloitte to conduct a Survey on HR Practices and Total Remuneration for its members which was a unique and most cost effective platform for members to understand and share key Human Capital challenges and combative practices and strategies. 90 member companies participated from all the regions. The three categories created for this was according to the industry norms of breaking the universe according to their revenues. Survey Report was released on 5th March 2012 and shared with all the participating companies.

Other activity

2nd Inter-Unit Competition during Environment Week

June 5-11, 2011

31 units within ACMA membership participated as compared to the response during the previous year. All the participants were enthused and put in their best efforts to send very meaningful and qualitative entries.

The list of winners for both posters and slogans categories were:-

Category : Posters

| | Winner's Name | Name of the Organization |
|--------------|-------------------|---------------------------------------|
| 1st Position | Ms. Meenakshi | Gabriel India Ltd., Gurgaon |
| 2nd Position | Mr. S Santhosh | Toyota Kirloskar Auto Parts Pvt. Ltd. |
| 3rd Position | Mr. E S Ravikumar | Sundram Fasteners Ltd. |

Category : Slogans

| | Winner's Name | Name of the Organization |
|--------------|--------------------|-------------------------------------|
| 1st Position | Mr. Deepak Sharma | Shivam Autotech Ltd. |
| 2nd Position | Mr. Satbir Singh | Asahi India Glass Ltd., Bawal Plant |
| 3rd Position | Ms. Akshata Shinde | Setco Automotive Ltd., Mumbai |

Automotive Skills Development Council (ASDC)

Automotive Skills Development Council (ASDC), a joint initiative of ACMA along with SIAM and FADA under the aegis of the NSDC has successfully developed the curriculum for 'machinists', 'service technicians' and 'drivers' and successfully trained the first batch of candidates, a detailed roll-out plan of these courses is being developed and will shortly be announced. In the next phase several other courses will be developed and delivered.

Information Technology Committee

IT Committee, this year, worked with SIAM to define standards on IT interface. It also entered into an agreement with SAP to provide a special offer for the benefit of the members.

Shop floor to Top floor

August 24, 2011 : Bengaluru

iON, an ERP solution by Tata Consultancy Services (TCS) for the Small and Medium Enterprises segment was showcased to the ACMA members. TCS invited and hosted ACMA members for a demo at their facility. iON is referred to, as the NANO in the software space. Goldratt's "Theory for Constraints" - a very thought provoking session was delivered by Mr. Prabhakar of Goldratt Consulting. "Goldratt's theory of constraints focuses on identifying the constraints in any manufacturing set-up as a first step. A very informative Visit to Bosch Ltd. was also a part of the program, which enabled sharing of experience, best practices and the knowledge of IT in the auto component manufacturing sector. Bosch being a major player in the auto component sector showcased the use of IT in their plant. The benefits reaped-out of technology was very evident in their operations. Upgrading the supplier industry, creating awareness and adoption of IT among the suppliers was a challenge that Bosch also faces.

ACMA initiates CIO Connect : First CIO Connect @ Eaton Technologies & Visit to & Interaction with FIAT India Automobiles Ltd.

December 21, 2011 : Pune

The ACMA IT Committee which is engaged in transforming the outlook of IT in manufacturing over the past couple of years, launched yet another initiative - "CIO Connect" -- a forum at the Regional levels with the objective of sharing, learning and jointly developing strategies best suited for the Auto component industry to reap maximum benefit of the IT. The forum besides



Workshop on Shop floor to Top floor

brainstorming would also look at implementations of systems both at the OE and at the component industry level on how adoption of ICT benefited the organization in terms of Quality, Costs and Delivery with customer as prime focus. The First "CIO Connect" was organized at Eaton Technologies, Pune where CIO's from 10 companies in the Western Region participated and shared the best practices among themselves. They also discussed about the IT pain points where the ACMA-IT committee could play a role. To witness the effective implementation and benefits out of ICT, a visit to and interaction with FIAT India Automobiles Ltd. - Ranjangaon was also arranged along with a visit to the shop floor to see the application of IT. Mr Vishwajay - Head of IT - FIAT gave a presentation on the IT Infrastructure and its benefits at FIAT and encouraged the auto component industry to take benefits of IT by adopting it.

ACMA Engages with SAP for a special offer for ACMA members

ACMA had entered into an engagement with SAP through a special discounted price offer for ERP and Business Analytics applications as a standardized offering for the industry for both existing and new users. The special offer period was between 01 January 2012 and 31st March 2012. This association wide initiative conceptualized and driven by the IT Committee of ACMA and SAP, was first of its kind for the industry, wherein members opted for the standardized SAP solutions for Rapid Deployment either On-Premise or On-Cloud (Subscription Based Hosting) model, while the 100+ ACMA members who were already using SAP solutions could purchase additional software licenses.

This initiative benefited members and saved upto 50% of the cost on licences for members in some cases. It also provided TVS Infotech Ltd. - a member of ACMA and a certified partner of SAP - the opportunity to provide its services through re-sale of licenses across India. Over Rs.4.5 crores were saved for the industry through this special initiative of the Committee.

Information Exchange Standards for the Automotive Industry – A Special initiative by ACMA and SIAM

As a special initiative to benefit the auto industry at large, ACMA and SIAM IT Committees' have been working to formulate Standards for Information exchange in business transactions between OEMs and suppliers. Thus far most of the industries in India have not embraced standards for data exchange between trading partners. The automotive sector, however, has taken the lead and identified data exchange as one of the hurdles in its progress, thereby making the first move to define such standards.



MSME delegation at Sona Koyo



Memento presented to Mindarika team

A need to fill the gap as also to streamline and standardise information and data exchange was felt by the IT Committees of both SIAM and ACMA, who decided to jointly provide a solution within the automotive community. Two of the most critical processes were identified viz. Purchase to Pay Cycle at OEMs and Order to Cash Cycle at the suppliers end, to begin the standardisation process. A milestone was achieved in January 2012, where members of ACMA and SIAM IT Committees, in-principle agreed to follow the EDIFACT Standards which through a study by KPMG was confirmed would address the requirements of the industry.

MSME Committee

The Committee strengthened its linkages with the Ministry of MSME, and other financial bodies like SIDBI, during the year. In addition, the Committee added the MSME Summit to its regular calendar of activities.

Sharing of Experience Visit to Mindarika, Rico Auto & Sona Koyo for Manufacturing Excellence May 11, 2011 : Gurgaon

Keeping in mind the requirements of SME members of ACMA to enhance their capabilities and to plan their strategies, the visit was arranged. Mr. Sunil Arora, Chairman, MSME Committee & Mission leader expressed his gratitude to Dr. Surinder Kapur, Past President, ACMA and Chairman, Sona Group for his support. Mr. P P Gajpal, Business Unit Head, Sona Koyo & his team gave a presentation on the history, evolution and achievements of Sona Koyo.

At Rico Auto Industries, Mr. Vivek Hazari, Sr. Vice President - Global Sales & Business Development & team made a Presentation on "Manufacturing Excellence through people connect". Mr. Arvind Kapur, President, ACMA and Managing Director, Rico Auto interacted with the delegation. This was followed by a Visit to Mindarika Pvt. Ltd. Mr. S L Gupta and his team members gave a presentation on the history & evolution of Mindarika and its flagship company - the Minda group. They shared their presentation on topics such as "TPS for capacity improvement, Daily Work Management and Energy saving".

Sharing of Experience Visit to Rane Brake Lining & WABCO – TVS for Manufacturing Excellence

July 30, 2011 : Chennai

At Rane Brake Lining, Mr Badrinarayanan, General Manager, Business Development welcomed the

delegation and made a brief presentation on the Rane history; its profile and its achievements.

Mr. T Solaiappan, Vice President – Operations made a presentation on the Best Practices being followed at Rane which help them in achieving Manufacturing excellence.

At Wabco-TVS (India) Ltd. - Mr. V. Thiagarajan, General Manager welcomed the delegation. Mr. P Jeganathan, Vice President (Operations) provided an Overview of the company – Wabco – TVS which was earlier popularly known as “Sundaram Clayton”. Mr. V. Ramanathan made a presentation on “manufacturing excellence and TPM practices”. The highlight of the visits was that the mission members impressed to see a greatly motivated and charged up work force.

MSME Interaction with Mr. Sushil Muhnot, Chairman, SIDBI

November 30, 2011 : New Delhi

The Seminar was organised to bring-in closer linkages with SIDBI for the benefit of ACMA MSME members.

Chairman – MSME Committee, Mr. Sunil Arora welcomed the Senior officials of SIDBI consisted of Chairman – Mr. Sushil Muhnot Dy. Managing Director - Mr. N K Maini ; the Chief General Manager (North) - Mr. K G Alai and the CEO of SIDBI Venture Capital Ltd. - Mr. Ananta P Sarma joined to interact with the ACMA members. Addressing the participants, Mr. Sushil Muhnot emphasized the initiatives of SIDBI to address the challenge of Credit availability to the MSME sector for their growth. Mr. Muhnot reiterated SIDBI's support to ACMA in order to bridge the gap between the industry and the banking sector. While Mr. K G Alai made a presentation on the initiatives of SIDBI and the schemes available to the MSMEs, Mr Ananta P Sarma, presented the SIDBI's Venture Capital Fund. Joining the interaction, ACMA President, Mr. Arvind Kapur, suggested to SIDBI Chairman the following recommendations, viz.,

- 2 – 3 % Interest sub-vention for SMEs
- Tax Holiday to the large industries who procure from the MSMEs. This is already prevalent in US with 5% tax holiday.

1st MSME Summit Vision 2020 : Empowering MSMEs for Competitiveness

March 5, 2012 : New Delhi

In an effort to strengthen the domestic MSME companies to align with the supply chain to achieve the



MSME delegation to Rane & Wabco



Interaction with SIDBI Chairman and Dy. MD



Mr. Sunil Arora addressing the 1st MSME Summit

target visualized by Vision 2020, ACMA MSME Committee organized its first-ever MSME Summit - Vision 2020 : Empowering MSMEs for Competitiveness. The Summit was spread over 5 different sessions addressing the Industry challenges, viz., Finance & Banking; Technology: Leveraging IT for Competitiveness; Technical Skill Development-Support for MSMEs; Strengthening the Supply Chain; and Value Creations to Leapfrog. Mr. R K Mathur, Secretary, Ministry of MSME, inaugurating the Summit, stated that the Manufacturing industry like members of ACMA, need to absorb the

growing educated manpower resources by providing employment opportunities, as the service sector alone would not be able to support them to that extent. Further, he invited ACMA for a more meaningful discussion to jointly work on a collaborative strategy to understand the industry requirement and provide solutions. Speaking at the Inaugural Session, the Guest of Honour speaker – Mr. N Raman, ED-SIDBI reiterated the need to continuously innovate to maintain Quality and upgrade technology in order to realise growth. All the five sessions put together had over 20 eminent personalities in their respective fields as speakers at the summit.

Raw Materials & IMTMA Committee

The Committee continued with its agenda to tackle the challenges of fluctuating commodity prices, as also address issues related to capital goods and Machine Tool industry.

Interaction with Sundaram Clayton Ltd.

April 8, 2011 : Chennai

To understand the inventory management practices of aluminium die casts, the Raw



Members of Raw Material at Sundaram Clayton

Material Committee of ACMA under the leadership of then Chairman Mr. Ramachandra Rao, arranged a Visit to a world class company with world class practices which was a benchmark for members from start to finish - Sundaram Clayton Ltd. Presentations from team Sundaram Clayton were made by Mr S Mohanakrishnan, Vice President (Mfg), Mr V Hariharan, HOD- BPN & Mr S Hemant Kumar, Snr Manager- TQM.

Earlier, welcoming ACMA members Mr C N Prasad, Group President, Sundaram Clayton Ltd, said that the program was designed to suit members requirements on inventory planning particularly with regard to raw materials. With the raw material cost constituting 60% of the total production cost, material inventory was a big challenge.

Seminar on Steel

July 15, 2011 : New Delhi

In keeping with the investments happening in the steel sector for the growing automotive demand and to understand new developments on steel, the Seminar was organized.

Mr Ramchandra Rao, then Chairman, Raw Material Committee, ACMA and Executive Director, Eaton Industrial Systems Ltd, Pune recapped the journey of the manufacturing sector over the years. Speakers who shared presentations at the Seminar were : Mr P P Moharikar , GM, Marketing , RINL, Vizag Steel Plant ; Dr M Venkataraman, Sr. Vice President & Head- Product Development, Marketing, Essar Steel Ltd. ; Mr Prabhat Kumar, Chief Sales Manager (North), Tata Steel Ltd. ; Dr Sudhansu Chakravorty , VP (Product & Market Development), Sunflag Iron & Steel Company Ltd. ; Mr Nitesh Nirala, Associate Manager, Furnace, Sesa Goa Ltd, a Vedanta Group company.

Supply Chain Management Committee

To address the challenges of Tier 2s / 3s, Committee organized events by providing a platform to bring-in OEMs, Tier-1, 2 & 3 companies together as also provide them with business development opportunities.

1st Buyer – Seller Meet

April 15 -16, 2011 : Gurgaon

The Supply Chain Management Committee of ACMA initiated this year the Buyer – Seller Meets with an objective of seamless integration of auto component



Mr. Ramchandra Rao addressing the Seminar

suppliers to enhance and engage the business linkages within the supply system at different tiers. This encouraged companies to look at new business potential in terms of quality, cost, delivery and capacity utilization. The first its kind was organised at Epicentre, Gurgaon which saw various sourcing teams of the OEMs, IPOs and Tier-1s from all over the country interacting directly with auto component manufacturers.

The objective of the event was to provide a platform where Large Tier1s displayed products they would like to outsource and Tier 2/3 companies displayed their capabilities.

In all 64 Companies participated at the event out of which 18 were Tier-I Companies and 46 were Tier-II Companies. OEMs who visited the event were: Caterpillar, Greaves Cotton Ltd, Harley-Davidson India, Honda Motorcycle & Scooter India Pvt. Ltd., India Yamaha Motor, John Deere India Private Ltd., Maruti Suzuki Ltd. Mahindra & Mahindra Ltd, New Holland FIAT India, Piaggio Vehicles Pvt. Ltd., TAFE. A seminar on “Purchasing Policies and Supply Chain Management” was also organized where the following presentations were a part of :

- Maruti Suzuki India Ltd., Caterpillar & Subros Ltd. made presentations on Purchasing Policies & Sourcing Strategies
- Minda Industries Ltd. made a Presentation on SCM - Opportunities for Tier-2/3 Suppliers
- Mahindra World City, Jaipur made a presentation on Special Economic Zones-Growth Drivers for SMEs

The 2nd Buyer – Seller Meet

July 5-6, 2011 : Pune

Following the success of the first time event organised on 15th & 16th April 2011 in Gurgaon, NR, the SCM committee of ACMA organised the second National level BSM on 5th & 6th July 2011 at Auto Cluster Development & Research Institute Ltd., Pune.

The total number of participants at this event was 57 out of which 16 were Tier-1 and 36 were Tier-2. Mr Pradeep Shrivastava, Chief Operating Officer, Bajaj Auto Ltd. inaugurated the Event on 5th July, 2011. Mr. Shrivastava had been closely associated with suppliers for their development and also been instrumental for overall development of Tier1 suppliers. For the last several years he had been guiding and taking personal initiatives for the development of Tier2/3 through BAVA.



Inauguration of 1st Buyer – Seller Meet



Inauguration of 2nd Buyer – Seller Meet

Sustainable Technology Development Committee

The Committee organized events disseminating information on emerging Technologies, regulations and standards with focus on sustainability, environmental conformity and energy efficiency.

Visit to Mahindra & Mahindra on Emission Technology & Its Regulation – gets a glimpse of initiatives in Electric & Hybrid plans

July 4, 2011 : Ambad

The challenge for the OEMs was to be ready with technology for low sulphur fuel with the availability of the right fuel across the country. Mr. Senthur Pandian, Dy. General Manager-Engines, M & M welcoming the participants highlighted the challenges at the international front and outlined the technical requirements for BS-V in the Indian context. Mr. A. Srinivas, Vice President, M&M shared the company's

journey and vision for the new wave technology green vehicle with focus on reduction in energy and resource consumption, greenhouse gases and CO2 emissions.

Earlier thanking Mr. Srinivas and Mr. Senthur, Mr. Arvind Balaji, Chairman – Sustainable Technology Development Committee mentioned of ACMA's initiative to update members on the emerging technologies, regulations and standard.



Visit to Mahindra & Mahindra



STDC Visit to Turbo Energy



YBLF Members with Professors of Flame University

Visit to Turbo Energy Ltd. - Efforts Towards Sustainable Technology

November 14, 2011 : Chennai

ACMA Sustainable Technology Development committee (STDC) arranged a visit to and interaction with Turbo Energy Ltd. on 14th November 2011, at its Paiyanur facility near Chennai, who had implemented various initiatives on clean and green energy management.

Mr. Ananth Ramanjumam, Director, TEL, mentioned that it was because of the conscious efforts and decision of the management that such a project could be managed and sustained, keeping clean and green energy in mind. The facility was Leeds Platinum certified and was able to save Rs.45 lacs per annum. The Green & Energy conservations initiatives of the company enabled savings of 64.4% in overall energy consumption than a normal building. 25.8% of the project energy cost was offset by renewable energy. The company adopted measurable management systems to sustain the initiative.

Young Business Leaders Forum

The Young Business Leaders' Forum is ACMA's response to address the challenges of mentoring the next generation. It continued with its exciting journey to enrich the young turks.

Workshop on Financial Competence for Young CEOs

June 1-2, 2011 : Pune

Enthused by the wealth of knowledge of the faculty members of Flame University during the Interaction with Mr. Nemish Shah & Mr. Durgesh Shah held in October 2010, ACMA – YBLF members evinced keen interest in having a Training program with Flame University, Pune. A 2 day Workshop on Financial Competence for Young CEOs was organized with them.

An alumni of Harvard University & Delhi University and a Professor of Finance, at IIM Ahmedabad for over 23 years - Dr. Ramesh Bhatt - was the faculty for teaching finance aspects. He provided an insight into Concept of Finance & Investment ; Financial Analysis ; Corporate Finance ; Private Equity ; Structure, Systems and Processes of Family Organisations.

Interacting with the participants, Mr. Durgesh Shah urged the Young CEOs to “always keep the mind open

to observe things happening around” and to concentrate on “ROCE” to make the companies successful.

The Session on Family Constitution was conducted by Prof. Indira J Parikh, a retired IIM Ahmedabad Professor and the Founder President of FLAME. She touched upon Family Enterprises; growth consolidation; constitution of family owned enterprises; leadership and succession planning in family owned organizations; Road map for the family owned organizations.

YBLF Mission to U.S.A

November 1 – 7, 2011

In order to understand the global and particularly the U.S. automotive aftermarkets & the racing car industry, ACMA – YBLF organised an Overseas Mission to USA. The Mission was led by Mr. Ravi Machani, National Co-ordinator for YBLF.

Visit to two major shows in the US, viz., AAPEX & SEMA Shows was a part of the Mission program and the members visited these 2 shows on 2nd & 3rd November, 2011.

NASCAR Visits :

Members had a great experience of driving the Racing Cars themselves. Presentations during the visits were on: Cryogenic Processing for Automotive aftermarkets ; Reverse Engineering Methodology and Advanced Software For Automotive Aftermarket Manufactures and Coatings and Surface Finish for Automotive Aftermarket Parts.

The Automotive companies visited during the Mission were : Xceldyne Technologies & CV Products; Earnhardt Ganassi Racing, North Carolina ; and to Visit to Jerico Performance, a division of Hemmingson Enterprises.

Overview of the mission

The Automotive Aftermarket and Motorsports industry are huge markets in US, offering huge business opportunities for members. While the aftermarket could give volume, the motorsports industry is driven by QUALITY and hence could give an unique opportunity to showcase India's ability to produce world class motorsports and automotive aftermarket parts commanding upper tier pricing. The motorsports industry is ready to offer a premium price for a best available quality product. The professional US Motorsports teams employ highly skilled labor as performance is much more important than price in this industry.



YBLF Mission to U.S.



YBLF members at NASCAR

Interaction with Mr. Srivats Ram, Immediate Past President, ACMA and Managing Director, Wheels India Ltd. & Mr. C Narasimhan, Chief Mentor, ACT and Consultant, Sundaram Clayton Ltd.

February 8, 2012 : Chennai

Mr. Srivats Ram emphasized on the importance of learning the techniques of every aspect of business, viz., manufacturing, Quality, Purchase, Sales, Marketing, Human Resources & Finance. He highlighted the significance of inculcating great values such as punctuality, integrity, humility, quality, business ethics etc. by setting self as an example.

The YBLF team Interacted with the Quality Guru - Mr. C Narasimhan, Chief Mentor, ACT & Consultant, Sundaram Clayton Ltd. Mr. Narasimhan was the key person to bring Deming & a Japanese Quality Medal to the Indian company. He is one of the key initiators for Cluster programs in India for auto components extended to Leather, Textiles, for



YBLF interaction with Mr. Srivats Ram & Mr. C Narasimhan

ACMA and CII. He opined that Indians achieved “world class” in all their creations and developments, viz., IT, Pharmaceuticals, hospitality industry and education. He stated that the TQM followed in each Indian company was dependent on the inherent values and culture of the company and that he was keen to develop the “Indian Production System” depicting the rich Indian culture.

Interaction with Mr. Kou Kimura, CEO & MD, Renault – Nissan India Pvt. Ltd.

February 9, 2012 : Chennai

Interacting with the delegation Mr. Kimura appreciated the level of human resource in India, their quick learning ability, logical thinking, motivation and creativity. He emphasized on the importance of training the already capable workforce to further upgrade their skills and knowledge to realise its full potential. Quoting Mr Kimura, “Indian people – not localization – but for globalization”.



YBLF Members with Nissan MD – Mr. Kou Kimura

Visit to Nokia Plant & Interaction with Mr. Sivagurunathan, Head – India Sourcing

February 9, 2012 : Chennai

ACMA – YBLF organized a visit to Nokia - the company is the fine example in Supply Chain management. Mr. R Sivagurunathan, Head – India Sourcing along with his senior team of officials interacted with the YBLF delegation.



YBLF members at Nokia

Mr. Subbiah Chokkalingam, Senior Manager – Supply Operations presented an overview of the company and its key activities. In keeping with its brand slogan - 'connecting people', Nokia had powerful and continuous employee engagement programs connecting them with the values of the organisation. Nokia is looking for suppliers to localize components such as Battery, displays, head-sets and PCB.

From the Region

Common Events across the Regions:

In addition to fulfilling the main objective of reaching out to the entire membership located in different geographies, the Regions took initiative in organising many new programs to strengthen the industry.

Regional Members' Interaction with President & Vice President, ACMA

ER : February 28, 2012 : Jamshedpur

NR : October 3, 2011 : New Delhi

SR : September 29, 2011 : Chennai & Bengaluru

WR : October 11, 2011 : Pune

Each year the new President and Vice President of ACMA reach out to the members in regions seeking inputs for the ACMA Annual Agenda. This provides ACMA members with an opportunity to interact first-hand with the ACMA leadership and share their concerns, issues and challenges. At the Interaction with the Regional members, Mr. Arvind Kapur, President, ACMA touched upon various challenges faced by the auto component industry. President urged members to focus on R & D and New Product Development to stay competitive. Innovation and R&D would be critical for the industry in future and the Auto Component industry in India need to move from B-2-P (Build to Print) to A-2-P (Art to Part).

Addressing the members, Mr. Surinder Kanwar, Vice President, ACMA presented the overview of ACMA membership; its profile & outreach; special services provided by ACMA Centre for Technology (ACT) - a division of ACMA. Coinciding with the interaction with the NR Members, a presentation on the National Hybrid / Electric Mobility Study in India by Booz & Company (India) Pvt. Ltd. was made by Mr. Prashant S. Vishnupad of Booz & Company.

Members at the Bengaluru Session had the opportunity to interact with Mr. Maheshwara Rao, IAS, Commissioner Industries, Government of Karnataka who termed the auto component as an engine of growth. He urged the industry to develop Centers of Excellence in the automotive sector and extended the Governments support. Further, Insights Into Supplier - OEM Relationships A Benchmarking Study commissioned by ACMA was also presented at the SR interaction by Mr. Shantanu Majumdar of JD Power Asia Pacific.



President & Vice President at ER



President Interacting with the NR members



President addressing the SR members



Interaction with WR Members



Mr. Rattan Kapur presenting Memento to Mr. Anupam Mohindro



Mr. K. Harish addressing



Mr. Surinder Kanwar welcoming Mr. Mahesh Kodumudi

QC Initiatives at ACMA Membership

Northern Region

8th Quality Circle Competition

July 22, 2011 : New Delhi

The ever increasing participation at QC, witnessed 44 QC Teams from 30 member companies at the NR Competition which necessitated three concurrent streams and hence three sets of Jury members, as well. The Chief Guest, Mr. Anupam Mohindro, Sr. Vice President – Purchase, Honda Motorcycle & Scooter India Pvt. Ltd. urged for continuous skill upgradation of the work force through such QC movement. Mr. Mohindro presented the trophies to the winning teams.

Winner : 'Sankalp' QC Team of Rico Auto Industries Ltd.

First Runner-up: 'Innovative' QC Team of Subros Ltd.

Second Runners-up: 'Swayam' QC Team of Minda Corporation Ltd. & 'Josh' QC Team of Napino Auto & Electronics Ltd.

Southern Region

6th Quality Circle Competition

July 16, 2011 : Bengaluru

The highlight of the QC competition was the first time participation by two teams from Small enterprises. The Chief Guest - Mr K Harish, GM – Purchase, Toyota Kirloskar Motors complimented the participants for their amazing spirit and energy and mentioned that the competition brought out the best from amongst the best to represent the Region at a National level.

Winner : Warriors team from Rane TRW Steering Systems Ltd.

First Runner-up: Sigaram team from Lucas TVS Ltd.

Second Runner-up: Challengers 1 team from Rane NSK Steering Systems Ltd.

Western Region

6th Quality Circle Competition

July 20, 2011 : Pune

Surpassing all previous records, the 6th edition of QC in WR saw participation from 46 Teams. Mr. Mahesh Kodumudi, Executive Director, Corporate Purchasing, Volkswagen –Group India, Volkswagen India the Chief

Guest at the valedictory ceremony, mentioned that while internal systems and methods for improvement might differ from region to region, from North America to Germany to Japan to EU but Quality remains common agenda for all.

Winner : Eureka team from Tata Yazaki Autocomp Ltd.

First Runner-up: Pragathi team from Minda Stoneridge Instruments Ltd.

Second Runner-up: Jidnyasa team from Bharat Gears Ltd.

National

6th National Quality Circle Competition

August 5, 2011 : Chennai

Members of ACMA raised the bar for themselves on the level of QC presentations said Mr. Srivats Ram, then President, ACMA at the 6th National Quality Circle Competition held by ACMA and ACT. The presentations across the Regions showed marked improvement and were at global levels he added. 10 finalists from members from the North, South and West competed at the National level Quality Circle Competition. The Chief Guest at the event Mr. John Eappen, General Manager, Ford India Pvt. Ltd. reiterated the importance of Quality not only for processes but also for Brand Building, globally.

Winner : 'Warriors' team of Rane TRW Steering Systems

First Runner-up: 'Swayam' team of Minda Corporation

Second Runner-up: 'Jidnyasa' team of Bharat Gears Ltd.



National QC Competition



Warriors Team of Rane TRW Steering Systems



Swayam Team of Minda Corporation



Jidnyasa Team of Bharat Gears

11th Auto Expo 2012

Over 300 auto component and accessories companies participated at the 11th Auto Expo 2012, apart from the number of domestic exhibitors. A significant international participation was seen, a testimony of the excitement and potential that the world sees in India. ACMA, over the years, played a key role as a catalyst in bringing about partnerships and linkages between the Indian component industry and its counterparts internationally.



President addressing at Auto Expo



Dignitaries at Auto Expo



Seminar on Investment Opportunity

During the Expo, ACMA organized several one-to-one pre-arranged business meetings between the visiting delegations and the Indian companies. Delegations from Canada, Sweden, Japan, France and Germany visited the event. Various industry events, topical seminars and conferences were also organised during the Auto Expo 2012. The Auto Expo brought with it a lot of excitement and good cheer.

Events, Seminars and Conferences at the Auto Expo 2012 organised by ACMA:

Seminar on 'Investment Opportunity: States Woo Component Sector'

An Interactive Session with State Governments of Four States, namely, Gujarat, Jharkhand, Karnataka and Odisha presented the opportunities / incentives offered for investments in their respective States, during the Auto Expo. In addition to the State Governments, Khed Economic Infrastructure Pvt. Ltd., a JV between the Kalyani Group and Maharashtra industrial Development Corporation (MIDC) presented Investment opportunity at the Project called "KHED CITY, located in the outskirts of Pune.

Mr. Maheswar Sahu, Principal Secretary (Industries & Mines) Government of **Gujarat**, emphasized that "The state is an emerging manufacturing hub for the Automobile sector with the highest number of ports and airports in India". Mr. A. P. Singh Industry Secretary, Government of **Jharkhand**, mentioned that "the existing players from the auto component Sector RKFL, RSB, JMT, Oracle Auto in Jharkhand expanded capacity with new investments. Players investing in new facilities were Jamna auto, Motherson-Sumi, Brakes India, GS Auto, COSMOS, Sandhar Group, Auto lite, Caparo, Tata Auto components, Kraftsman Automation". Mr. Maheshwar Rao, Commissioner of Industries, Government of **Karnataka**, said that "Karnataka ranked 1st on a healthy business climate and attracted investments from World bank's Investment climate Index. Mr. C. J. Venugopal, CMD, IPICOL Government of **Odisha**, said that "the State is promoting automobile and auto-component industries as one of the thrust sectors because of its multiplier effect on direct and indirect employment generation and promotion of ancillary industries. Mr. Venugopal further mentioned that Odisha's rich mineral resources and increasing investments in steel and aluminum downstream park to boost auto component industry." Mr. Bhavin Shah,

Senior Vice President, Khed Economic Infrastructure Pvt. Ltd. shared information on the Project “Khed City” - 160 Km from India's largest port JNPT.

ASLI Fight against NAQLI : “An Awareness Campaign Against Counterfeits”

ACMA, had been spearheading various special initiatives to help increase public awareness on the menace of counterfeit parts and the danger to life and property due to usage of these spurious auto components. It is not only damaging to business and investment opportunities but is also having a negative impact on society and the global economy.

The Asli Naqli pavilion at the Auto Expo 2012 was inaugurated by Mr Ambuj Sharma, Jt. Secretary, Ministry of Heavy Industries & Public Enterprises. Asli Naqli, over the years had become an iconic show and successfully attracted attention of every stakeholder in its drive against counterfeits. 36 percent share of parts sold in the replacement market is counterfeit products, raising concern and emphasizing the need for safety for prevention of road accidents. Around 20 per cent of all road accidents in India are directly or indirectly attributed to the use of counterfeit automotive parts (as per ACMA – E&Y Study). The Asli-Naqli show had sixteen leading component manufacturers participating to create awareness against counterfeiting and displayed the difference between genuine and fake products to promote the cause of industry in its fight against counterfeits. At the venue, company representatives educated visitors on the dangers of using counterfeits and informed them on how more and more fake components entering the replacement market.

Invitational Golf Tournament

January 8, 2012 : New Delhi

Teeing Off at Auto Expo

Coinciding with the 11th Auto Expo 2012, ACMA (Northern Region) organised the 3rd Invitational Golf Tournament at the Qutab Golf Course, New Delhi. The event is a part of ACMA's work plan to encourage greater bonding between its members and other stakeholders, namely Govt. officials, Diplomats, Bankers etc. It gives them an opportunity to connect and interact in an informal setting fostering better relations.

Bridging International Ties

Auto Expo 2012 was the ideal platform for cross-pollination of ideas and widening of business opportunities. Owing to the industry's competitiveness



Mr. Ambuj Sharma Inaugurating the Asli-Naqli Show at Auto Expo



ACMA Members at Invitational Golf Tournament

and its vision to move towards more progressive technological developments, many auto industry delegations visited the Auto Expo 2012 to capture evolving opportunities.

Delegations from France, Germany, Canada, Netherlands, Sweden, Japan, Malaysia etc visited in large numbers to explore opportunities of engagement with the Indian auto component industry. The representatives from the auto component bodies looked at fulfilling the component sourcing requirements from India. The business-to-business tie-ups established by ACMA for its members provides momentum and created an ideal platform to harness multiple business opportunities.

Canada:

The Canadian delegation led by the Canadian High Commissioner, H.E. Mr. Stewart Beck and members of the Automotive Parts Manufacturers' Association (APMA), Mr Steve Rodgers, President, APMA, Canada – the counterpart & MoU partner of ACMA visited the Auto Expo 2012. The Canadian delegation represented by displaying a significant sized Canadian Pavilion featured some of Canada's leading automotive suppliers along with a

contingent of companies participating in visits with leading Indian vehicle manufacturers. The objective of the visit was to foster business relationship and position Canadian companies as a business and research partner of choice for Indian automotive companies.

Japan:

Led by Mr. Shozo Ito, Divisional Director from the Shizuoka Prefectural government, a 16 member delegation from Japan visited the Auto Expo 2012, having members representing the auto component industry of Japan besides few



Canadian High Commissioner Mr. Stewart Beck & APMA President Mr. Steve Rodgers with Mr. Deep Kapuria at Auto Expo



Iranian Delegation at Auto Expo



MoU signing of ACMA & Messe Frankfurt

from the construction industry as well. Mr. Taku Hasegawa, Division Director of JETRO, Singapore mentioned that the delegation was keen to explore opportunity to invest in the Indian market and identify opportunities to partner with the auto component industry in India.

Sweden:

Led by Ms. Kristina Eklof, Head of Business Development, Municipality of Skovde, an 8 member delegation from Sweden visited the Auto Expo 2012, including Mr. Fredrik Sidahl, Managing Director & CEO, of Swedish Automotive Component Manufacturers Association (FKG) – the counterpart & MoU Partner of ACMA presented the automotive industry of Sweden and Ms. Malin Noren, Head of Automotive Sweden.

Volvo & Scania were the two major OEM manufacturers in Sweden and it was also emphasised that Sweden is an ideal destination for Vehicle testing.

Australia:

The objective of the 5 member Australian delegation visit, coinciding with the 11th Auto Expo 2012 was to renew the MoU and include the future plans and objectives with special focus on skill development. The Australian delegation was led by Mr. John Harry Conomos, AO, Australian Automotive Industry Envoy. There are 27 Australian Component manufacturing companies conducting business activities in India about 12 out of these are into aftermarket.

Iran

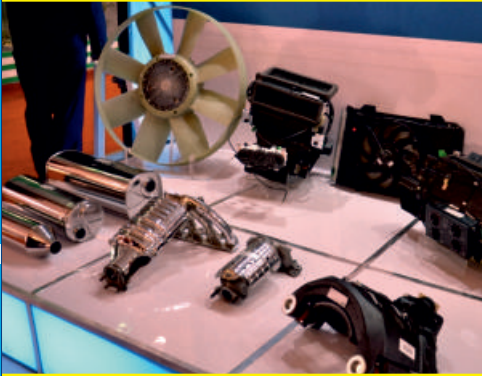
A high level 5-member business delegation led by H.E. Mr. Majid Hedayat, Vice Minister of Industry, Mines and Trade of Iran and Chairman of Iran Development & Renovation Organisation (IDRO) visited Auto Expo 2012. H.E. Mr. Hedayat expressed his keen interest in joint cooperation between Iran and India, in the field of Design and Manufacture of Automobiles. Both the sides agreed to extend support in the area for a long term mutually beneficial association.

ACMA Ties up with Messe Frankfurt

January 5, 2012 : New Delhi

ACMA & MFI entered into a mutually beneficial tie-up to co-operate in the development and promotion of the Indian automotive components manufacturing companies in achieving their business goals, by jointly providing a trading platform to both established and emerging markets thru participation in the Automechanika Brand portfolio of International Trade Fairs worldwide.

CURTAIN RAISER

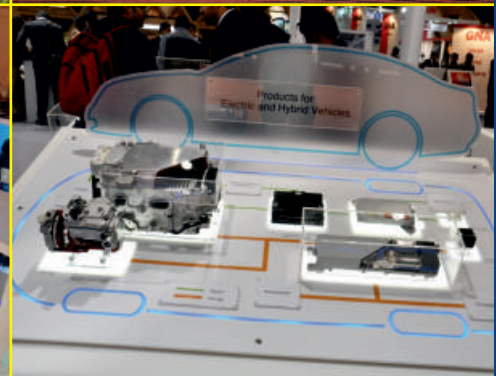


CHRONICLES

2011-12

Annual Report





From the Region

Eastern Region

Building Competencies

Delegation of Shop Floor Associates to Abilities India Pistons & Rings Ltd.

April 18, 2011 : Ghaziabad

After the Regional CEOs' visit to Abilities India in December 2010, the regional CEOs decided to send a team of shop floor associates to the same company to imbibe the best practices. Mr. Ranjot Singh, Regional Coordinator, ACMA (ER) led the delegation. The team witnessed that within a span of forty five years, since its inception in 1966, the company had grown as a largest manufacturer in India of two stroke piston kits supplying original equipment and exporting to more than 35 companies all over the world.



ER Members at Abilities India

ACMA (ER) – Workshop on Gearing for Scaling up

April 29, 2011 : Jamshedpur

Scaling-up is the need of the hour. In order to make an attempt to identify the issues and barriers for the SMEs to scale-up, a Workshop was organized. Mr. Killol Kamani, Chairman – ER, emphasized the need for the MSMEs to scale up. A faculty at IIM-A and ex-dean of XLRI, Dr Sharad Sareen, conducted the workshop and stimulated the participants to think big to become big. He shared the examples of various organizations and institutions, viz., XLRI, L & T, Tata, Infosys, Reliance, etc. which started in a small scale and have grown to the current levels. Mr. Sanjay Sabherwal, Dy. Chairman - ER, thanked.



Mr. Sanjay Sabherwal addressing

ACMA (ER) – Workshop on Effective Communication for Improvement

May 19, 2011 : Jamshedpur

The faculty, Mr. Chandreshwar Khan used various techniques like enactment, observation, group discussion, and individual attention to minute details to engage the delegates. Mr. Khan reiterated “Seven C’s as the essential elements of an effective communication, viz., candid, clear, complete, concise, concrete, correct, and courteous, Mr. Killol Kamani, thanked.



Mr. Killol Kamani welcoming the gathering

Training program on Total Employee Involvement

June 30, 2011 : Jamshedpur

Mr. Tapas Sahu, Regional Council Member of ACMA (ER) emphasized the need to disseminate the importance of every employees' contribution in an



Mr. Tapas Sahu addressing

organisation as the total employee involvement enhances the productivity, quality and delivery in an organization. Mr. T.K Chanda, Senior Counsellor, ACT Division ACMA, was the faculty for the Training who covered the topics such as Continual Improvement activities, TFM- Total Flow Management, TPM- Total Productive Management, TCM- Total Change Management, Approach towards making SME Competitive, TEI is Cultural Change, ownership and development, Associate involvement and empowerment, visual management, etc.



Chairman – ER addressing



Mr. S K Behera interacting with ER members



Dy. Chairman – ER addressing

Training Program on Continuous Improvement through POKA -YOKE

October 1, 2011 : Jamshedpur

Mr. K.P.S Raghuvanshi, Senior Counsellor, ACT Division ACMA was the faculty for the Training Program who explained in detail on the Japanese word Poka-Yoke that means “mistake-proofing”.

Sharing of Experience: Strategy for Managing Growth

October 28, 2011 : Jamshedpur

Mr. S. K. Behera, MD, RSB group, made a presentation by showing the trends in the Auto component sector. He forecasted a four-fold growth in the domestic consumption of components and a seven-fold growth in the export by 2020 and substantiated through data. He quoted examples of various Indian companies, viz., Anand group, Bharat Forge, Minda group and Amtek Auto.

One Day Workshop on Value Engineering

November 14, 2011 : Jamshedpur

Mr. Sanjay Sabherwal, Dy. Chairman, ACMA – ER, stated Value Engineering as a very important part of improvement for cost reduction and saving to the organization. Mr. R. C. Thakur, Retired Manager, Industrial Engineering & ADD, TML, JSR was the faculty for the Workshop. With more than 38 years of experience at Tata Motors at various positions, Mr. Thakur is considered a specialist for Sheet Metal Industry for Value Engineering.

One Day workshop on Time And Stress Management

November 25, 2011 : Jamshedpur

Increased competitive pressures, greater volume of work and ever increasing performance targets trigger increased stress and heavy work pressure at all levels of an organization, said Mr. Killol Kamani, Chairman – ER. He further introduced Mr. Manish Singhal, a faculty at XLRI – Jamshedpur since 2006, as the faculty for the workshop.

Faculty emphasized that Stress could be positive when it motivates to work harder and could be negative when it exceeds the coping abilities and interfere with abilities to perform.

Training Program on 7 QC Tools

December 23, 2011 : Jamshedpur

The objective of the training was to make the delegates, understand the fundamental principles of problem solving, apply 7 QC tools in the workplace, comment critically on corrective actions raised as a result of applying the tools. Mr. T. K. Chanda, Sr. Counsellor, ACT Division explained the 7 QC Tools which provide problem solving techniques through its various components, viz., Stratification; Pareto Diagram; Cause and Effect Diagram; Check Sheet; Control Chart/Graph; Histogram & Scatter Diagram.

ACMA (ER) – Workshop on Goal Setting

January 27, 2012 : Jamshedpur

“Setting goals for managers help them guide their teams to success. Goals not only should be set, but explained thoroughly to the employees to help them understand the importance of the goals, said Mr. Ranjot Singh, Regional Coordinator, ACMA(ER). Mr. Samaresh Shah, a Sales & Business Development Manager for Cape Gemini India was the faculty for the workshop who initiated the discussion quoting Confucius that “The Only Barrier to Learning the Truth is to assume you already know it”. Describing the difference between the “Goals” and the “Wishes & desires” Mr. Shah stated that the Goals are SMART - meaning the Goals to be Specific; Measurable; Achievable; Realistic and Time bound and the rest are not the goals but are wishes and desires.

Sharing of Best Practices:

Visit to Taurus Flexibles (P) Ltd.

March 14, 2012 : Jamshedpur

Mr. Bhuvan Khsettry, MD, Taurus Flexibles P. Ltd. said that there had been a massive change in the company after Taurus joining the ACT Foundation Cluster. He highlighted in the forum that there had been a great positive change in the mindset of employees which led to major visual changes which could well be seen externally.

New Initiatives

Seminar on Procedure for Obtaining Financial Assistance from SIDBI for MSMEs

September 15, 2011 : Jamshedpur

ACMA (ER) organised an awareness program on obtaining the financial assistance through the newly



Participants of Goal Setting Workshop



Visit to Taurus Flexibles



Mr. Ranjot Singh welcoming the SIDBI officials

introduced schemes of SIDBI. From SIDBI, Mr. Rajive Sood , DGM, SIDBI, MUMBAI and Mr. Prasenjit Chowdhury, AGM, SIDBI, Jamshedpur, discussed various schemes launched by SIDBI to help the SMEs. The SIDBI officials explained in detail the schemes, viz., GEMS - “Growth Capital And Equity Assistance For MSMEs”, FACE – Flexible Assistance Scheme For Capital Expenditure, CLCSS - Credit Linked Capital Subsidy Scheme For Technology Up-Gradation of The Small Scale Industries.

Northern Region

Building Competencies

Training Program on Workplace Improvement Through Team Building

April 20, 2011 : New Delhi

The focus of the training was to disseminate the knowledge of Workplace Improvement through teamwork and formation of Team Building at the work place.



Workplace Improvement Training in progress



FMEA Workshop



Participants at the DWM Training

Mr. Rajiv Mathur, Founder & CEO, Aakansha Management Group - the faculty for the training emphasized the importance of Team Building and mentioned that Teams were the best assets of an organization, as each team contain varied combination of talents possessed by each member who work towards achieving the goal & vision of an organization.

Workshop on Failure Mode and Effect Analysis (FMEA)

April 29, 2011 : New Delhi

FMEA is an analytical tool addressed through out the product/process development (APQP), explained Mr. Sanjay Mudgal, the faculty for the workshop. He further elaborated FMEA as an integral part of managing risk and support continual improvements in five phases of Product development, viz., Plan & Define Program, Product Design & Development, Process Design & Development, Product and Process Validation and Feedback, assessment and corrective action.

Training Program on Daily Work Management

May 11, 2011 : New Delhi

The faculty of the program, Mr. Sanjay Mudgal defined Daily Work Management as a system that enables better management of Departments, Functions and Processes by discovering abnormalities, taking countermeasures and preventing their recurrence. DWM addresses maintenance and continuous improvement and helps to work efficiently, he added. 'Establishment of Ownership' of any process works as a base for DWM system for a better understanding, he reiterated. Explaining the analytical aspects of DWM, he urged to participants to ask for 3 questions when an abnormality occurs in the present process, as to whether they have a Standard? whether the standard was adequate? and whether the standard was followed?

Training Program on Zero Defects through POKA YOKE

May 20, 2011 : New Delhi

Mr. Sanjay Mudgal, the faculty of the program said that POKA YOKE - the Japanese technique - was started by Dr. Shigeo Shingo to avoid human error at work to achieve Zero Defect. He explained Poka Yoke as a highly effective way to reduce 'Mistakes' ; boost 'Quality' and to prevent incorrect parts being made or

assembled. Mr. Mudgal said that the first principle of quality starts with the objective to give zero defect products & services to customer and shared 3 steps to achieve zero defects as Self Inspection, Sequential Inspection and Source Control. He further explained about 6 M factors: Man, Material, Machine, Method, Measuring Equipment and Material Handling Equipment. He also explained the difference between correction, corrective action and preventive action.

Training Program on Single Minute Exchange of Die (SMED) :

May 27, 2011 : New Delhi

Considering the positive impact on productivity that a Single Minute Exchange of Die (SMED) could have in manufacturing units, Northern Region organized the training on SMED.

Mr. Sanjay Mudgal, the faculty mentioned that SMED was also known as set-up time reduction. Elaborating further on the Set-up Reduction he said that it was a process through which the total time required to changeover or set-up the equipment or a work center was drastically reduced through a systematic, problem-solving, waste-eliminating approach to support the movement towards small lot size runs. Mr. Mudgal referred SMED as an approach to Continuous Improvement by reducing the change over time to one digit.

12th Batch of Six Sigma Black Belt Training Program (Level 1) :

July to November 2011

Launch & Module I :

July 14-16, 2011 : New Delhi

Speaking at the Launch of 12th Batch of the successful Six Sigma Black Belt Training Program of ACMA (NR), Chairman – Mr. Rattan Kapur said that continuous improvement should be a habit as Six Sigma had become a necessity than a requirement and to meet that requirement the companies should upgrade the skills of its employees. He urged to everyone to think differently, to achieve demanding customer satisfaction, which was the goal of SIX SIGMA.

Highlighting the ripple that Six Sigma had created in the ACMA membership, Mr. Kapur stated the Six Sigma initiative started in November 2003 in Northern Region and had created 209 black belts in NR membership alone & 411 at national level, in a span of over 7 years.

The Black Belts in the Northern Region collectively saved over Rupees 16 crores for their companies.

Training Program on Low Cost Automation (LCA)

August 12, 2011 : New Delhi

The objective of the training Program was to help participants utilize low cost automation to maximize productivity and to focus on the elements of automation and the economic benefits derived thereof.



Participants with the Faculty



SMED Training



Mr. Rattan Kapur, NR Chairman at the Launch of 12th Batch of Six Sigma Program

Mr. Sanjay Mudgal the faculty of the training described LCA as a technology that creates some degree of automation around the existing equipment, tools, methods, using mostly the standard components available in the market and using mechatronics extensively. Mr. Mudgal said that despite low investment LCA would bring-in gradual changes in the organizations; would help in reducing labour fatigue, down time and improve production and quality by removing bottle neck.



Participants of LCA Training



Training on BPR



Autonomous Maintenance Training in progress

Training Program on Business Process Re-engineering

August 24, 2011 : New Delhi

Explaining the Business Process Re-engineering (BPR), Mr. K.K. Muthu, President, Corporate Consultancy Services - the faculty of the training quoted Michael Hammer's definition of Re-engineering as "The Fundamental Rethinking & Radical Redesign of Business Process to achieve Dramatic Improvement in critical contemporary measures of performance, such as cost, quality, service & speed". A key stimulus for re-engineering had been the continuing development and deployment of sophisticated information systems and networks, Mr. Muthu said. He also shared 5 health checks for any organisation which included Structure, Management, Communication, Customer Orientation, Ownership (Psychological ownership by all employees).

Training Program on Quality Circles

September 16, 2011 : New Delhi

Mr. V.K. Sharma, Sr. Counselor, ACMA Centre for Technology (ACT)- the faculty for the training, said that QC aims at development of human resource and sharpens creative ability of employees and thereby helps in developing Quality Products with zero defects. He further explained the Contribution & Impact of Top Management People on Quality Circles, how to start a Quality Circle, Pitfalls & Remedies associated with it.

Training Program on Autonomous Maintenance

October 11, 2011 : New Delhi

The purpose of the training was to teach autonomous maintenance as to how operators could maintain their equipment by performing Daily checks; Lubrication; Replacement of parts; Repairs; Precision checks and Early detection of abnormal conditions.

The faculty of the training program, Mr. Sanjay Mudgal explained the need for autonomous maintenance which helps to prevent equipment deterioration; maintain equipment in optimal condition; establish basic equipment condition; eliminate equipment failure; make operator familiar with his equipment; eliminate Quality defect and eliminate losses. Mr. Mudgal further explained the 7 Steps for Evolving Autonomous Maintenance and 7 types of abnormalities and the "My Machine" Concept and benefits of autonomous maintenance. He added that the primary Goal of Autonomous Maintenance was to achieve Zero Defects, Zero Breakdowns and Zero Losses.

Training Program on Waste and Cost Reduction Strategies to Combat a Meltdown

November 2, 2011 : New Delhi

Mr. K.K. Muthu, President, Corporate Consultancy Services, the faculty for the training explained the importance of cost analysis at the current world economic scenario and the ways to achieve it. He urged the participants to focus on value addition with minimal cost. TQM philosophy was an integrated approach in delighting customers (external & internal) by meeting their expectations through everyone involved with the organization working on continuous improvements on all products/processes, he added.

In addition to 5 S and 4 M the 7 types of wastes arising from Overproduction, Waiting, Transportation, Production Processes, Inventory, Unnecessary motion and defective goods were also explained with emphasis on the importance of having visual control at plants, standard operations sheet, kanban system and SMED.

Training Program on Combination of Suggestion Scheme, Kaizen and other Welfare Activities to Achieve TEI

November 9, 2011 : New Delhi

The objective of the Program was to disseminate amongst the membership the need of Total Employee Involvement (TEI); how TEI could be implemented & how it could help in enhancing the Quality & productivity and thereby bring-in overall Cultural change in the organization for the sustenance of benefits & growth. The faculty of the training Program, Mr. Manoj Mathur, Consultant, S.K. Associates 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. Mr. Mathur explained the 4 M concept - Man, Machine, Material & Method. He further added that TEI was an emotional bonding and cited an example of Housewife & Mother who were able to deliver good Quality, just in time, consistently all 365 days in a year without any failure because of their emotions & concerns towards their family as they felt it as "My home", "My family", "My son/daughter" etc.

ACMA (NR) completes 12 batches of Six Sigma Black Belt

November 12, 2012 : New Delhi

ACMA (Northern Region) completed the 12th batch of its Six Sigma Black Belt Training Program started in July

2012. With the completion of this batch, the total Six Sigma Black Belt holders has gone up to 276 in the Northern Region.

Of the 17 participants who underwent the Training for Black Belt, 13 were certified with Black Belts. The total number of projects completed by this batch were 22, with a collective saving of Rs.74.55 Lakhs .

Training Program on 5S - The Way of Life

November 18, 2011 : Gurgaon

The Program was designed to train the participants on 5S and to motivate the personnel to realize that how 5S could help in enhancing the Quality & Productivity and thereby bring-in overall change in the organization. The faculty of the training Program, Mr. Manoj Mathur, Consultant, S.K. Associates emphasized 5S; PDCA Cycle, which were the roots & a continuous improvement process. No TQM, TPM, TPS or Lean would be possible without 5S unless it becomes a way of life, he added further. Mr. Mathur explained the



TEI Training in Progress



Members of 12th Batch of Six Sigma Certification program



Participants at 5 S Training

application of 5S Through 6M – Man; Machine; Material; Method; Measuring Equipment.

Workshop on Safety

December 7, 2011 : New Delhi

The faculty of the Workshop, Mr. Manoj Mathur, Counsellor, S.K. Associates while explaining the definition of safety said that Safety was prevention of accidents which result in eliminating personal injury and property damage. He explained the Frank Bird's Theory of Accident, which articulates the cause-wise analysis for accidents as 88% due to unsafe act ; 10% due to unsafe conditions and 2% due to natural cause.

Mr. Manoj Mathur also explained the 3 categories of accidents, viz., Minor accident; Major accident; Dangerous occurrence. He also mentioned that the Major accidents and the Dangerous Occurrences must be reported to the relevant Govt. Authorities like Factory Inspector/ Local authority.



Participants of Safety Workshop

One Day Training Program on SMED

December 21, 2011 : Noida

Mr. Manoj Mathur, explained SMED as one of the lean production methods for reducing waste. In addition to Manufacturing Processes, the approach of SMED / Quick Changeover could be applied to other non-manufacturing areas such as Store – Inventory Processes, Logistics etc. “SMED is a rapid and efficient way of converting a manufacturing process from running the current product to running the next product. This rapid changeover is the key to reduce production lot sizes and thereby improve flow and increase productive run time to achieve increase in throughput and reduce total costs”.



Participants of Training on SMED

Two Days Workshop on GD&T

January 17- 18, 2012 : New Delhi

GD&T is the collection of symbols used by design engineers to communicate geometric requirements for components and assemblies. The faculty, Mr. Sanjay Sharma, DGM, Rico Auto Industries Ltd. explained in detail that GD&T - is a common technical drawing language for the designer, Tool manufacturer, Gauge manufacturer, Process engineer to accurately describe the size, form, orientation, and location of part features thus improving product designs and lowering cost. It encourages designers to define a part based on how it functions in the final product or assembly, he added.



Participants with the faculty at G D & T Workshop

Training Program on Visual Management

February 16-17, 2012 : New Delhi

The effective display of a workplace where all members understand and manage their own work in a safe, clean and organized environment which foster open communication, pride and continuous improvement. Emphasizing on Why Visual Management was important he stated that human beings collect 83% of information through eyes; 11% through ears; 3.5% through sense of smell; 1.5% through sense of touch and 1% through sense of taste. Hence the visually displayed symbols attract the viewers' attention enabling easy understanding. Mr. Mathur, the faculty, reiterated that a Visually Managed Factory as a workplace portrays the status of the unit and easily depict the abnormalities and the improvements required.

One Day Training Program on Flow Manufacturing

March 2, 2012, New Delhi

Flow is a fundamental concept of Lean Manufacturing. Many of the Lean Tools were designed to help improve or smoothen the flow of parts and materials through the production processes. The goal of Flow was an optimally balanced production line with little waste, at lowest possible cost, on-time and defect-free production. Mr. Mathur also elaborated on TAKT time which he said followed the principle of time allowed by Customer to produce and supply one product.

One Day Training Program on Personality Development Skills

March 20, 2012 : Rohtak

Personality Development was important for the success of an individual and for an organization as the organizations were run by the humans, said Mr. Rajesh Jain, Zonal Coordinator, Rohtak & Hissar, ACMA (Northern Region) and Director, Lakshmi Precision Screws Ltd. while welcoming the participants. Explaining the objective of the training he said that it was critical to understand the Process to develop a holistic personality.

The faculty, Mr. K.K. Muthu, President, Corporate Consultancy Services said that Personality was the development of desire. It was important for an individual to be self confident and take initiative in order to have a holistic personality. Mr. Muthu explained the 6 attitudes of a winner which included Positive Approach, Courageous, Enthusiastic, Practice, Confidence and Expectation.

Export Initiatives

Seminar on Engaging with Global Customers

June 15, 2011, New Delhi

As the world turns to be a global market, the procurement strategy of most organizations seek to find the most efficient locations for buying / manufacturing their product in terms of cost & quality said Mr. Satish Garg, Member, Regional Council-NR & Managing Director, Sadhu Forgings Ltd. Faculty, Mr. Niraj Hans, CEO, ConSourTec International covered important aspects of exports, viz., Pre RFQ to supply; Suppliers Quality Assurance; Supply Chain Management; Sustainability and Client's expectations; Suppliers Risk Assessment; Potential Supplier Assessment; Product Liability and Sustainability. Mr. Sunil Arora, Chairman, MSME Committee, ACMA & Managing Director, Abilities India Pistons & Rings Ltd., said that a clear marketing strategy for exports was vital and emphasized on putting the house in order by instituting Best



Participants at the Flow Manufacturing Training



Training on Personality Development

Manufacturing Practices before venturing into the international arena.

Workshop on Basic Tools & Techniques of Project Management-How to manage Quality Deployment at Tier 2/3 suppliers September 26, 2011 : New Delhi

Mr. Sunil Arora said that the objective of ACMA working with the IPO Forum was to partner, coach and develop the auto component



Mr. Niraj Hans being felicitated



Mr. Sunil Arora welcoming the participants



Training on Water Management

suppliers to improve their capability in order to enhance exports from India.

The Presenters at the Workshop included: Mr. Vikram Yadav, Manager, BMW IPO; Mr. Arun Kalra, Head of SQE & Engineering, Fiat Group Purchasing in India; Mr. Scott Coates, Senior Management Consultant, PAC Group; Mr. Sandeep Garg, Team Leader (Chassis and Electrical Systems) General Motors; Mr. Parmod Makhija, AGM, Sigma Vibracoustic (I) Pvt. Ltd. and Mr. Paramjit S. Chadha, Vice President, Continental Rico Hydraulic Brakes India Pvt. Ltd.

New Initiatives

Training on New Developments in Water and Wastewater Management for Automotive Industry

October 14, 2011 : New Delhi

The objective of the training program was to look at improvements in basic pre-treatment technologies for the removal of suspended and organic contaminants. Mr. Shrikant Deshpande the faculty of the Program & Vice President with Fontus Water Ltd., explained as to why it was essential to understand water treatment designing and calculation and the steps taken for process design, equipment sizing, electrical & instrumentation design, understanding water analysis, treatment options for un-dissolved impurities, softening & demineralization and its calculations, chemical dosing systems, reverse osmosis systems, RO membranes, ultra filtration etc. These integrated water and wastewater treatment solutions help to improve product quality, reduce operational costs and meet environmental guidelines for the plants.

Two Days Workshop on Measurement System Analysis (MSA)

December 8–9, 2011 : New Delhi

“MSA, is a powerful systematic approach and analysis of understanding the quantum of error contributed by measurement gauge or device in the product quality”, said Prof. L. Ramanan, the faculty of the workshop and an IITM alumnus, Technologist and first generation entrepreneur of RAISE Consultancy Services. He distinguished between, Accuracy – attributable to the calibration of the measuring device and Precision – attributable to the contribution from GRR & ARR. “MSA is a structured approach available for the

Engineers in achieving the 'Six Sigma' level of quality by combining the statistical approach with Technology in Design.

1st Kaizen Conference & Contest

December 16, 2011 : New Delhi

Mr. Rakesh Gupta, Principal Counsellor, ACT mentioned that Kaizen or continuous incremental improvements – originally a Japanese management concept for incremental (gradual, continuous) change (improvement). Mr. Gupta said that Kaizens had become a key and integral part of the manufacturing process.

Rockman Industries Ltd. and Raunaq Automotive Components Ltd. shared the winners trophy. Minda Corporation Ltd. was the first runner-up and the Second runners-up were Senior India Pvt. Ltd. and New Swan Autocomp Pvt. Ltd.

Training Program on Vendor Management System (VMS)

January 25, 2012 : New Delhi

The first-ever initiative of Northern Region, the training was aimed at increasing the efficiency to effectively manage the process right from Vendor Identification, Selection Monitoring to the Performance/Quality. Explaining the definition of Vendor Management System Mr. Manoj Mathur, said that it was a process of working collaboratively with Vendors to improve or expand their capabilities; monitor and train them for continuous improvement.

Three Days Training Program on Noise, Vibration and Harshness (NVH)

February 2–4, 2012 : New Delhi

Mr. Rattan Kapur, Chairman, ACMA (Northern Region) and Managing Director, Mark Exhaust Systems Ltd., said that it was important for any company to understand NVH as it was vital for environment, smoothness of the drive and light weighting. The faculty of the training - Mr. S.K.M. Rao, CEO, Envicon Vibrotech said that NVH was an important factor in any automobile as it had a great impact on passenger comfort. Each component of the automobile contributes its share to the overall NVH of the automobile, he said. Noise and vibrations of constituent components were also indicators of the quality of the product, he added.



Workshop on MSA



1st Kaizen Contest



Training on Vendor Management System



Chairman NR welcoming the participants

Southern Region

Building Competencies

Second edition of Training Program on “Effective Communication Skills”

April 12, 2011 : Chennai

Prof. Muthu Singaram, Chief Mentor, Professional Quality Management Development Centre P.Ltd. and Ms.Renu were the faculty for the training program.



Training on Effective Communication Skills



Mr. J Sridhar addressing the 7 Management Tools Workshop



Participants of 8th Batch of Six Sigma Training, Chennai

The objective of the program was to develop communication skills for easier working relationships and its effective use in the workplace. The topics covered included The ten commandments of positive relationships, Communication barriers, Self-Awareness, Communication, Communication barriers, Asking questions, Listening skills, Remembering names and Body language. The training was interactive with team exercises.

Workshop on 7 Management Tools

April 27, 2011 : Chennai

The workshop was conducted by Professional Quality Management Development Centre P. Ltd. represented by Mr. Nanda, CEO and Mr.Rangarajan - both experts in the field. They emphasised on the use of The Seven Management and Planning tools that were conceptualised by a team of Japanese from the Union of Japanese Scientists and Engineers (JUSE) which aids in planning and managing complex projects and also in helping teams to be more innovative and communicate information more effectively. The workshop covered topics, viz., Introduction to M7 tools, Kano Model, Affinity Diagram, Relation Diagram, Matrix Diagram, Prioritisation Matrix, Tree Diagram, Process decision program chart and Arrow Diagram or CPM.

Mr. J. Sridhar, Zonal Coordinator – Chennai & Nearby, stated that the 7M tools addresses the Quality aspect and covers the multiple facets related to qualitative data which assists the management for planning and managing quality improvement activities.

8th batch of Six Sigma Black Belt Training and Certification

April 28, 2011 : Chennai

Mr. P. Kaniappan, Whole-Time-Director, Wabco TVS India Ltd. mentioned that different companies adopt different tools and practices with the ultimate aim of satisfying its customers while making profit for the organization. Wabco also practices 6 Sigma, he added.

Mr. Ram Narayan explained Six Sigma Certification as a program that teaches a person finite steps to follow in precise order that would ultimately lead to process improvement. The 17 participants who attended the training collectively saved Rs.70 lacs during the training period for their organizations.

Workshop on GD&T

May 23-24, 2011 : Chennai

The faculty Mr. G.C. Ramamurthy of Zero Defect Consultants, during the workshop covered and explained in detail Role of GD&T, General & different Tolerances, Dimensioning, Limits and fits, feature control frame, definition of terms, features, modifiers, actual mating envelope, Rules for GD&T, virtual conditions, Datum, etc. GD&T Wiz Tutor a computer based learning system for GD&T was also used at the workshop. A pre assessment test was conducted for all the participants in the beginning of the workshop. To further challenge the minds and test the understanding levels of the participants on the subject quizzing was carried out on Material condition quiz, Datum quiz and true position quiz .

3rd Batch Six Sigma Certification – K & H Region

May 25, 2011 : Bengaluru

Chief Guest Mr. K M Collins, Senior Manager – Purchase, Volvo Buses India Pvt. Ltd. emphasized on the word quality in the Auto sector and how quality plays an important role in satisfying the customer.

The faculty Mr. Ram Narayan explained that the Six Sigma was an accelerated process improvement tool with a set of simple steps or tools which help in identifying problem areas and defects and minimize them.

Workshop on Effective Communications Skills

May 27, 2011 : Bengaluru

Mastering communication is an essential skill in every aspect of day-to-day life at both professional and personal level. Effective communication is one of the key elements that drive companies to exceptional heights. The Faculty for the program Mr. K Chandrasekhar from Zero Defects Consultants designed the workshop in a very interactive manner which gave lot of opportunity for the participants to actively speak and improve their communication skills. As a part of the workshop and the interactive session, the faculty focused on team work, report writing and public speaking skills through case studies.

Workshop on M7 Tools

June 14, 2011 : Bengaluru

The Seven management and Planning tools are used in leading organisations throughout the world as a set of

team based tools for making better decisions and implementing them with greater success. When used as individual tools they provide an organized way of thinking in making decisions. When used in combination with each other, they provide a powerful answer to the way in which teams respond effectively to issues which otherwise seem confusing and chaotic. The faculties - Dr S M Jagadish and Mr Rajendra from Zero Defects Consultants shared their experience and expertise on the M7 Tools with the participants.

National Conference on Low Cost Automation

July 9, 2011 : Chennai

Mr. Takao Kasahara, the faculty for the event mentioned that companies should look at manufacturing excellence using flow and discreet manufacturing practices. He urged the companies to leverage IT for low cost automation. Outputs, productivity and quality should go up exponentially to prove improvements he added. Case studies on how companies benefited in overall efficiency, cost,



Participants of 3rd Batch of Six Sigma Training, K & H



Workshop on M 7 Tools

productivity, safety and quality were shared by UCAL Fuel Systems Ltd., Sundaram Clayton Ltd., Sundaram Industries Ltd., Wabco-TVS (India) Ltd. and TAFE Ltd. who also shared their supplier support activities in the area of LCA.

Mr. Srivats Ram, then President, ACMA, Mr. C.N. Prasad, Member, Executive Committee & Convener of the event and Mr. Harish Lakshman, Chairman Southern Region shared their views and experiences on LCA with the participants.



Memento presented to Mr. Takao Kasahara at LCA Conference by Mr. Harish Lakshman and Mr. C. N. Prasad



Workshop on APQP & PPAP



Workshop on Presentation Skills

Launch of 9th Batch of Six Sigma Black Belt Certification Program

August 24 – 25, 2011 : Chennai

Mr. P. Kaniappan, Member Executive Committee & Convener 6 Sigma Training Program, ACMA (Southern Region) welcomed the new batch of participants and Mr Ram Narayanan explained the importance of Six Sigma tools in the manufacturing processes.

Workshop on APQP & PPAP

October 21, 2011 : Bengaluru

The workshop aimed at understanding procedures and techniques used to develop products, particularly in the automotive industry as part of the APQP -Advanced Product Quality Planning, with the overall aim of customer satisfaction. Production Part Approval Process (PPAP) was also touched upon.

Mr M M Kumar, Zonal Coordinator- Karnataka & Hosur and Director of Owari Precision Products (India) Pvt Ltd. welcomed the participants and spoke about the importance of the subject. Dr. S M Jagadish, the faculty for the workshop covered topics such as, PDCA, Program Management, Product/Process Design and Development, Validation and Control plan Documents and records to be submitted for PPAP processes were also covered in the second half of the session.

Workshop on Presentation Skills

November 4, 2011 : Chennai

The faculty for the Program was Mr Muthu Singaram, Chief Mentor, Head of Consulting and a corporate facilitator, Muthu Singaram Consulting. The workshop module covered aspects of communication, speaking characteristics, the johari window, trust, four good rules for any conversation, making the most of meetings, body language and adding punch to your presentation.

Workshop on APQP and PPAP

November 28-29, 2011 : Chennai

Mr. Sriram Sivaram, Deputy Chairman, ACMA Southern Region and convener of the program, cited examples from his company and from other industries on the criticality and importance of APQP & PPAP. He mentioned that APQP and PPAP were not merely formality documentation for ISO/TS 16949 or for customer requirements, but had real significance and bore great results if implemented properly. The faculty

was Dr. S M Jagadish, from Zero Defects Consultants. Definition, Goals, objectives and benefits of APQP were discussed in detail.

Workshop on Presentation Skills

December 7, 2011 : Bengaluru

The objective of the workshop was to train the workforce of the member companies to improve their presentation skills. The faculty Mr. P S Satish, emphasized the need for the skill for all in professional as well as in personal life. The faculty made the workshop very interactive by dividing the participants into teams and trained them to make presentations in order to enable them overcome the fear which was the biggest hindrance.

Workshop On Talent Management

December 9, 2011 : Chennai

Ms Gayatri Sriram, Managing Director, Ucal Products Private Ltd. and Member - Executive Committee reiterated the importance of developing and retaining talent as a key aspect. Leading organisations rely on talent management to assess, acquire, develop and align talent with business objectives and in achieving higher levels of performance.

The faculty - Mr. A L Vasudevan, covered India's Gen Y, Youth of tomorrow, Don't feed the ducks, leadership styles, the 3-point connection, learning transformation and high level performance, USP's, talent challenges and dimensions, what biggies do to retain talent and rethinking on rewards. A quiz was also conducted by Mr A L Vasudevan. The workshop ended with whole new game and talent war, HR strategy, expectations of Gen Y at the workplace, positive trends in the auto sector.

3rd ACMA Southern Region Kaizen Contest

December 17, 2011 : Chennai

93 Kaizens were presented during the day-long 3rd edition of Kaizen contest. Giving the observations on behalf of the Jury, Mr. P.S. Bashyam, Vice President, Harita NTI Ltd. mentioned that the quality and understanding of Kaizens had improved manifold since the last edition. Sticking to the principles along with out-of-box thinking would produce amazing results he mentioned.

Chief Guest, Mr. A. Viswanathan, Country Managing Director, Visteon Automotive Systems India Pvt. Ltd.

drew the attention of the participants to the business reality which was experiencing intensified competition. He mentioned that "Do More with Less" was the mantra followed world over and that the Indian industry was catching up with the same in a much shorter period. The winners of first three positions in each category viz. Productivity, Quality, Cost, Delivery and Safety were awarded.

Certification of 9th Batch of Six Sigma Level-1 Training

February 23, 2012 : Chennai

The 9th Batch of Six Sigma Level-1 training program participants saved over Rs. 3 crores collectively for their respective companies during the 6-month period, said Mr. Ram Narayan, faculty for the training Program, which concluded with a Certification ceremony on 15 projects that were undertaken resulting in both tangible and intangible benefits for the participating companies. Appreciating the efforts of all participants, Mr. Arvind Balaji, Chairman Southern Region, mentioned that



Workshop on Talent Management



3rd Kaizen Contest



Certification Ceremony of 9th Batch of Six Sigma Training



Mr. K G Mohan Kumar addressing the Conference on Safety



Seminar with the visiting Japanese delegation

Engineers need to pro-actively think and identify / detect problems before they appear and suggested that the Six Sigma tools be applied from the design stage itself. Mr. Sriram Sivaram, Deputy Chairman Southern Region mentioned that tools like Six Sigma were enablers to achieve customer satisfaction, key to survive in a globally competitive environment.

Conference on Safety

March 2, 2012 : Bengaluru

The chief guest for the function - Mr Joseph Saldanha, General Manager – Toyota Kirloskar Motor Pvt. Ltd. mentioned that Safety becomes First, compared to Quality and Productivity. Safety should be developed as culture with regular and enhanced levels of awareness.

Mr K G Mohan Kumar, Member Executive Committee and Convener – Safety Conference, ACMA and Senior VP & Director – Toyota Kirloskar Auto Parts Pvt Ltd. (TKAP) mentioned that Management could only provide infrastructure and training, however it was for the individuals to practice and implement safety. The presentation included on Plant & Machines Safety by Mr Masrur M Patel, AGM Operations and Mr M Lakshminarayanan – Manager – Safety, Sundaram Clayton Ltd. Presentation on Welding and cutting safety was made by Mr R Rammohan, General Manager, Occupational Health and Safety, TVS Motors Ltd. Material Handling safety was presented by Mr Nagaraj Naik, Deputy Manager, Production Control and Logistics, Toyota Kirloskar Auto Parts Pvt Ltd.

Presentation on Electrical and Fire Safety was made by Mr L Dayananda, Senior Manager, Health, Safety and Environment and Mr Tushar Bhattacharyya, Deputy Manager, Bosch Ltd. The Program also included a visit to the upcoming Toyota Kirloskar Auto Parts Pvt Ltd (TKAP) to witness safety practices being implemented from the start.

Export Initiatives

Japanese SMEs mull Business Linkages

January 31, 2012 : Chennai

A 12-member automotive delegation from Japan organised by JETRO visited Chennai and interacted with members of the Region. Mr. Arvind Balaji, Chairman (Southern Region) welcomed and gave a brief overview of the Indian auto component industry, its challenges and opportunities. He also suggested the partnership route to be taken by the Japanese industry for a win-win situation. Mr. P.S. Rajamani, Co-Chairman, CII International Networking Forum -2011-2012 & Whole Time Director, simpson & Company, outlined the long standing relationship of the Japanese and Indian industries, especially in the automotive sector. Mr. Makoto Kaneda, Vice President (QA), Renault-Nissan Automotive India Pvt. Ltd. shared the

company's experience in India and Tamil Nadu in particular with the visiting delegation.

OEM Interactions

Visit to and Interaction with Volvo Buses India Private Ltd.

April 12, 2011 : Hosakote

The Objective of the first-ever ACMA visit to Volvo India was to understand the strategy of Volvo buses in terms of growth and vendor management. The delegation interacted Mr Akash Passey, MD – Volvo Buses India Private Ltd., who mentioned that Volvo planned to manufacture 5000 units in India by 2015. He also mentioned that the trucks segment which was seeing growth in the off-highway segment would also see entry and growth in other segments in the near future.

Mr Sohanjeet Randhawa – Head marketing mentioned that the Indian facilities generated revenue of \$1.5 billion which included the trucks as well. On localization, Mr. Sohanjit mentioned that 40% to 50% of the products were localized and that engine and driveline were also being looked at for indigenization in a phased manner over the next few years. The engine facility was being developed by the Volvo-Eicher Joint Venture, he added. The Volvo purchase and logistics team Mr Collins and Mr Devraj gave a presentation on the supplier / vendor aspect from Volvo's perspective.

Southern Region visits Toyota Kirloskar Motor Pvt. Ltd. and JBM Ogihara Automotive Ltd.

September 28, 2011 : Bidadi

The objective of the 35 member delegation led by Mr. Arvind Balaji was to learn and understand the best practices implemented at Toyota & JBM which could be emulated and adopted by the industry.

The visit to TKM included the “Gurukul” and the Toyota Technical Training Institute. “Safety 1st and Quality Must” culture was evident throughout the visit to TKM. Gurukul was designed to provide the right skill sets, right knowledge and right attitude to its students. TKM provides opportunity for the employees to grow from a Team Member to Manager Level within the company. To enhance and make skilling more enjoyable, TKM had instituted Skill Olympics, winners of which were also sent for global level competitions of Toyota. The onsite vendor facility visit to JBM Ogihara

Automotive India Ltd. showed how good practices at Toyota were implemented by the Vendors. Mr. R. Sahay, CEO, JBM Ogihara Automotive India Ltd., shared the company's profile and best practices on KANBAN. Safety was also an aspect which was highly evident during the interaction and visit to the facilities. The company also had flexible manufacturing with defect outflow prevention mechanisms in place. The KANBAN culture was very well displayed and practiced and found to have been well understood by the workforce at JBMOAI.

Other Programs

Interaction with Dr. Christian G Forstner on Business Excellence

November 2, 2011 : Bengaluru

Speaking at the Session organized by Bosch, Dr. Christian G Forstner, a Business Excellence expert management consultant and Company Analyst from Germany spoke of India's strength and suggested to rely on its strengths for excellence. Bosch had been successfully using this model for almost 100 years, said,



Visit to Volvo Buses India



Visit to Toyota Kirloskar

Mr. Soumitra Bhattacharya, Member, Executive Committee, ACMA & Chief Financial Officer, Bosch Ltd.

ACMA Delegation visits IMTEX Forming & Tooltech 2012

January 20, 2012 : Bengaluru

A 14 member delegation of members led by Mr. Arvind Balaji, visited the IMTEX Forming & Tooltech 2012. Members from the West, North and the Executive Committee joined the



ACMA at IMTEX



1st SMED Competition



Mr. Viji inaugurating the renovated Chennai Office of ACMA

delegation. Mr. Vikram Shirur, President, IMTMA welcomed and interacted, informally, with the members. Mr. Arvind Balaji briefed Mr. Shirur on the status of the industry and stressed the need for the machine tool industry to adopt latest technologies and shorter lead times to meet the demand and challenges. A visit to the IMTMA Technology Centre was also organised for ACMA members. IMTMA Technology Centre conducts various training courses for member companies, for CNC users across the country. Members of the ACMA-IMTMA Committee also joined the visit and had an exclusive interaction with the IMTMA Committee for Auto sector. ACMA also had a information booth at IMTEX.

New Initiative

1st SMED Competition of Southern Region

February 25, 2012 : Bengaluru

Mr. Subash Suresh, General Manager, Central Purchase department, TVS Motor Company Pvt. Ltd. and Mr. H.C. Parthasarathy, consultant with over 4 decades of experience with OEMs and leading auto component manufacturers were the jury for the competition. Mr. Mukund G., General Manager - Industry operation of Volvo Buses India Pvt. Ltd., the Chief Guest at the event, spoke about the importance of SMED and congratulated each team for the ideas presented during the competition. SMED supports creativity, brings out innovations and out of the box thinking, flexibility, brings in savings and eliminates waste, he added. Earlier, Mr. M.M. Kumar, Zonal Coordinator (Karnataka & Hosur), ACMA, shared the concerns of the auto component industry in terms of cost, productivity and delivery. The winners were: Gold Trophy - Ishikawa team of Rane (Madras) Ltd.; Silver Trophy - Goldmine Team of Lucas-TVS Ltd., Bronze Trophy - Battalion Team of Brakes India Ltd. and SSI -Certificate of Appreciation Besmak Components Pvt. Ltd.

ACMA Southern Region Rejigs its Headquarters for better services

September 2, 2011 : Chennai

With the changing profile and needs of members it was felt that the southern Region Headquarters which was established in 1995 at its current location be re-vamped with a fresh design and spruced up facilities. The re-designed and renovated facilities was inaugurated by Mr. S. Viji, Past President, ACMA & Mg. Director, Brakes India Ltd. on September 2, 2011 in Chennai.

Western Region

Building Competencies

Training Program on Value Engineering

April 9, 2011 : Pune

Value analysis or engineering is a complete system for identifying and dealing with the factors that cause un-contributing cost or effort in products, processes or services with the purpose to provide each individual with a means of skillfully, deliberately and systematically analyze and control the total cost of the product.

Mr. S.V. Vaishampayan an Electrical Engineer having over 30 years of experience in the field of Production, plant Engineering, Industrial engineering, Personnel was the faculty who taught the participants on Value Engineering vs Value Analysis; Area under control of Value Engineering; Principles of DARSIRI Method; Concept of Just Quality and cost reduction; Value Engineering Work Plan.

Training Program on Failure Mode Effect Analysis

May 4, 2011 : Nashik

Failure Mode Effect Analysis (FMEA), is a procedure in product development and operations management for analysis of potential failure modes within a system for classification by the severity and likelihood of the failures. FMEA provides an easy tool to determine the level of risk involved enabling an action to prevent a problem before it arises.

Mr. S.V. Vaishampayan – the faculty covered key topics in the training viz.,: Types & FMEA applicability; Link between DFMEA; PFMEA and Control plans; Flow chart, block or boundary diagrams; Methodology & Risk assessment using recommended formats; Risk Priority Number and its significance; Other ways to decide RPN, etc..

Training Program on Employee –Ship

June 11, 2011 : Pune

Since liberalization and changes in the Industrial policy by the Government, many managements had put in all efforts in training and development of their work force through many initiatives like QCC, Techniques under TQM & JIT like TPM, Five 'S', Six Sigma and so on. In spite of all the efforts, managements observed that the

work force was unable to contribute to the desired extent reflecting in increasing training needs. With the objective to create awareness on various aspects involved in 'Employee-ship', so as to develop their commitment to achieve the organizational goals in the key success areas, the one day training program was organised.

Mr. S.V. Vaishampayan, the faculty covered the following sub topics during the training: Current scenario, competition, the need of Teamwork, synergy, pride in workmanship &



Training on Value Engineering



Training on FMEA



Training on Employee-ship

Employee-ship; Critical success areas for an organization and the personal commitment; Taking responsibility for self and the organization; Being loyal and taking initiative, Positive job description, SWOT for self.

Training Program on Beyond TQM & JIT
August 10, 2011 : Pune

Since last two decades after going through the pains of implementing TQM & JIT, the managements found that the results were way



Training on TQM & JIT



Training Programme on Kaizen & Poka



Training on TPM & TQM

short of their expectations. To bridge the gap between the expectations and the achievements, the training program- "Beyond TQM & JIT" which deals with the commonsense approach, was organized.

Mr. S.V. Vaishampayan – the faculty for the training covered topics such as: Various aspects of the competitive environment; What is TQM & JIT in its full scope, how it resolves competitive issues; What is the new method based on commonsense, and how it tries to resolve the competitive issues; What is the process adopted by the new methodology to resolve the issues by which the implementation is acceptable and easy.

Training Program on Kaizen & Poka-Yoke
August 26, 2011 : Pune

The training Program on Kaizen & Poka-Yoke was organized where Mr. S.V. Vaishampayan was the faculty and he covered topics viz., : Various aspects of the competitive environment and the need to know the fundamentals of Kaizen and Poka Yoke; Kaizen in its full scope ; Interrelationship between Kaizen and various Japanese tools & techniques; and the technique known as Poka Yoke and the way in which it is applied in various situations.

Training Program on Basics of TQM & TPM
September 16, 2011 : Pune

With the objective to make membership aware of methodologies adapted by Japanese/American industry to improve productivity and quality on continuous basis to sustain the global competition a training Program on Basics of TQM & TPM was held.

Mr. S.V. Vaishampayan - the faculty for the Training covered topics, viz., : Various aspects of the competitive environment and the need to know the fundamentals of various management models in vogue; TQM in its full scope, and various tools & techniques for TQM; The technique of TPM in its full scope and the component parts of the technique and its implementation.

Training Program on "Shop-Floor Productivity Improvement through Work Ethics & Work Culture"

October 22, 2011 : Pune

The Program was aimed for all Personnel related to Plant operations and support services.

Mr. Harcharan Singh, Principal Technical Consultant and Industrial Trainer was the faculty who covered topics viz.: Positive Attitude; Motivation; Communication; Good Workmanship Practices; 5S - Work Place Organisation; Team Building ; Problem Solving and Continuous Improvement - Kaizen Approach.

2nd Kaizen Contest

December 14, 2011 : Pune

47 contestants from various member companies participated in the Kaizen Contest out of which Minda Industries Ltd. emerged the Winner. Congratulating the participants and winners, the Chief Guest Mr. A. Shashank, President (Sourcing & Special Projects), Force Motors Ltd. said that cost reduction was a part of the Kaizen philosophy and it was encouraging to notice that more companies were adopting the philosophy.

Mr. Sandeep Balooja, Chairman – Western Region, ACMA said that Kaizen was the best way to generate new ideas, implement and continue improvement. The overwhelming response from the membership was a positive sign, indicating that the component industry was serious about improvements that help to monitor Quality, Cost and Delivery (QCD).

Training Program on FMEA

December 23, 2011 : Pune

Failure Mode Effect Analysis (FMEA), provides an easy tool to determine the level of a risk enabling preventing the problem before it arises. FMEA provides an analytical approach, when dealing with potential failure modes and their associated causes. When considering possible failures in a design – like safety, cost, performance, quality and reliability – an engineer could get a lot of information on how to alter the development/manufacturing process, in order to avoid the failures. The one day training program was organised with the objective to help participants address / identify corrective actions required to prevent failures from reaching the customer. Mr. S.V. Vaishampayan was the faculty.

Training Program on “Autonomous Maintenance”

January 21, 2012 : Pune

The one day training Program was organised with the Objective to provide opportunity for growth and development, help operators expand their knowledge,



Training on Shop Floor Improvement



Mr. Sandeep Balooja addressing the Kaizen conference



Training on FMEA



Training on Autonomous Maintenance

skills and abilities aimed at Personnel related to Plant operation and support services.

Mr. Harcharan Singh, Principal Technical Consultant and Industrial Trainer was the faculty. The content include Autonomous Maintenance as Pillar of TPM, How to implement Autonomous Maintenance, Five- S, Gemba Kaizen, Poka Yoke (Mistake Proofing), Environment & Safety, On the job training, SMED – Single Minute Tool change Approach.



Training on APQP



Training on Decision Making and Problem Solving



4th SMED Competition

Training Program on Advanced Product Quality Planning (APQP)

February 4, 2012 : Pune

Advanced Product Quality Planning (APQP) involves 75% upfront planning and 25% implementation through production to determine customer satisfaction and continuous improvement. The objective of the training was to generate awareness on the potential of tools like APQP and its use to develop effective planning and implementation. Understanding the importance of systematic planning and execution of all activities facilitates timely product development and supply while keeping costs under control. The faculty for the training was Mr. Vinay Kelkar, an ISO lead Assessor with over 30 years of experience.

Training Program on Decision Making & Problem Solving

February 11, 2012 : Mumbai

The one day training Program was organised with the objective to make the participants aware of various processes of problem solving, parameters, approaches and models of decision making and evaluation of alternatives for decision making. The Faculty was Mr. S.V. Vaishampayan, Electrical Engineer with over 20 years of experience.

4th SMED Competition

March 13, 2012 : Pune

9 teams and 20 delegates participated in the 4th edition of SMED (Single Minute Exchange of Dies) Competition. Mr. Anil Parasharami, GM-Business Excellence Services, Tata Motors – the Chief Guest at the event, said, 'In the Journey of excellence everybody is winner and no one is a loser'.

The Winners were: Gold Trophy - Fairfield Atlas Ltd., Silver Trophy - Gabriel India Ltd. and Bronze Trophy - RSB Transmission (I) Ltd.

Export Drive Initiatives

ACMA (WR) Members interaction with delegation from Australia

April 18, 2011 : Pune

A delegation of 10 Victorian automotive tier-1 supplier companies visited Pune as a part of the larger Victorian State Government mission that visited India led by the Hon. Louise Asher MP, Minister for Innovation, Services and Small Business. Australian

Trade Commissioner for Western India with the support of ACMA organized networking reception where ACMA Members were invited. The objective was to meet and interact with the delegation for possible cooperation and strengthening linkages by way of technology transfer, partnership, JV etc.

ACMA (WR) Members interaction with delegation from Italy

April 20, 2011 : Pune

A high-level automotive business & technical delegation from Italy visited Pune. The Italian Trade Commission in collaboration with Confindustria, Maharashtra Chamber of Commerce and Industry, ANFIA, Unione Industriali di Torino, SIAM & ACMA organised one-to-one meetings between Indian companies and the visiting Italian companies in the automotive sector. The Italian delegation consisted 30+ Italian companies from the fields of automobile manufacturing, automotive component manufacturing and industrial, financial and automobile design institutions. The objective was to meet and interact with the delegation for networking and building linkages by way of technology transfer, partnership, JV etc. with Italian companies.

Interactive session with the Minister of International Trade, Canada

November 8, 2011 : Pune

During the interaction, the Canadian Minister for International Trade Mr. Ed Fast said that “Canada is the third largest producer and exporter of auto parts and would like to partner with Indian automotive companies”. Mr. Kirti Rathod, Deputy Chairman, ACMA WR presented the capabilities and challenges of the automotive industry in India .

Emerging Investment and Trade Opportunities in Macedonia - An Interactive Business Meeting

March 6, 2012 : Pune

A high level delegation from Macedonia led by Prime Minister of Macedonia, H.E. Nikola Gruevski, visited Pune. The visiting team included H.E. Zoran Stavreski, Deputy Prime Minister and Minister of Finance; H.E. Bill Pavleskiv, Minister for Foreign Investments; H.E. Mr. Slobodan Tashoviski, Ambassador of the Republic of Macedonia and Mr. Viktor Mizo, CEO of the Free Zone Authority for an interactive meeting with the ACMA members. The Chief Guest, Mr. Rajeev Kapoor, President & CEO, Fiat India Automobiles Ltd. said that a delegation led by a Prime Minister himself reflected



Australian Delegation



Dy. Chairman presenting a memento to Mr. Ed Fast



President with the Ministerial delegation from Macedonia

the sincerity of the country towards establishing business association with Indian companies opening the doors for a healthy competition in terms of quality in an auto industry dominated by Japanese manufacturers. Mr. Viktor Mizo, CEO of the Free Zone Authority made a presentation on “Investment Incentives and Overview of Existing Investors”. Mr. Sandeep Bisht, Director (Sales & Marketing) Johnson Matthey, shared his experience of conducting business in The Republic of Macedonia.

OEM Interactions

Workshop on Information and Communication Technologies & Visit to Mercedes –Benz

May 10, 2011 : Pune

“Shop Floor to Top Floor” Workshop on Information and communication technology, a special program designed by the IT Committee of ACMA on Business Solutions for ACMA Members was organized in association with NASSCOM.



Visit to Mercedes-Benz



ACMA Memento presented to JLR Sourcing Team



ACMA Memento presented to General Motors Team

“Google” - the leading IT solution provider presented on web computing. Mr. S. Srinivasan, CIO, Sundaram Fasteners Ltd. presented on “Enabling operations Excellence for component manufacturing”. Mr Jaydeep Panse of Autocomp Corporation Panse Pvt Ltd made a presentation on “Mapping business processes in the area of materials management and transform them into implementable production systems using IT solutions”.

Briefing the participants on various initiatives taken by ACMA and NASSCOM jointly, Ms. Rama Vedashree, Vice President, NASSCOM said that the objective of organizing joint event was to make ACMA members aware of, to leverage IT solution available for competitive advantage.

Coinciding with the workshop a visit to “Mercedes – Benz “ (Chakan Plant) was also organised to facilitate cross-learning on how IT was used by world class companies to integrate various processes and manage supply chain.

The participants had opportunity to interact with Mr. Rajeev Jorapur, Head – IT, Mercedes – Benz. Mr. Jorapur made a brief presentation about the company and how IT was being used in operations. A strong IT governance standardizes and integrates the process between supplier and customer, Mr. Rajeev Jorapur, mentioned during the interaction.

Interaction with JLR Sourcing Team

October 11, 2011 : Pune

Nine member sourcing team led by Mr. Ian Harnett, Director Purchasing from JLR (Jaguar and Land-Rover) interacted with ACMA members on 11th October 2011 in Pune. Presenting a brief overview on JLR and its future plans, Mr. Ian Harnett said that the luxury car segment was growing in India and the company was planning to expand its operations in India.

Visit to & Interaction with General Motors

November 14, 2011 : Talegaon

The objective of the visit was to understand the growth plans of the General Motors India and to discuss and learn the issues pertaining to supply of components, thereby strengthening the relationship.

The GM team Led by Mr. Ashwani Muppasani, Vice President, Global Purchase & Sales (GPSC) interacted with ACMA delegation led by Mr. Sandeep Balooja, Chairman WR. The Talegaon plant was opened in 2008

and was looking for 80% -90% localization and that the key expectations from Suppliers were quality maturity to meet GM standards, higher investments in R&D and constant innovation.

Government Interactions

Meeting with Director Technical Education

October 10, 2011 : Pune

Objective of the meeting was to update them of what ACMA was doing; to request them for updating the curriculum and to discuss & compare the facilities / courses available at ITI Pune vis-a-vis outside Pune so that they could design a course as per the requirement of ACMA members.

Other Programs

1st Meeting of ACMA (WR) HR Forum Meeting

April 15, 2011 : Pune

Right recruitment, Retention and skill development are the biggest challenges for the HR professionals, said Dr. S.V. Bhave, Vice President—HR, Bharat Forge Ltd. in his welcome address.

In her address, Flt. Lt. Ms. Sheena Minhas, Chairperson, ACMA (WR) HR Forum & Director- HR, Honeywell Turbo (India) Pvt. Ltd. said that the objective of the meeting was to leverage knowledge sharing and learning from each other. Ms. Sheena Minhas, Mr. Ramesh Menon and Ms Smitha Menon, HR Manager, Eaton Industrial Systems Pvt. Ltd. shared HR practices being followed in their organizations.

2nd Meeting of ACMA (WR) HR Forum Meeting

June 17, 2011 : Pune

Recalling the deliberations at the earlier meeting, Dr. S.V. Bhave, Vice President -HR, Bharat Forge Ltd., touched upon the key challenges such as availability of competent manpower, work environment in his welcome remark.

Mr. Ramchandra Rao, Executive Director, Eaton Corporation, Vehicle Group, Automotive Division, India presented the Automotive Business Trend in India and role of Human Resources.

Presenting HR initiatives for productivity rise, Mr. Dattatray Sonar, GM –HR & IR, Bosch Chassis Systems India Ltd mentioned that a worker should have pride in working in the organization and at the same time rewarding should be on merit basis.

3rd Meeting of ACMA (WR) HR Forum Meeting

August 23, 2011 : Pune

Congratulating Dr. S.V. Bhave, Vice President—HR, Bharat Forge Ltd. for winning the prestigious “Golden Peacock HR Excellence Award-2011”, Chairperson of the Forum Ms. Sheena Minhas said that it was a proud moment for ACMA. Sharing his company's experience on the Journey, Dr. Bhave mentioned that Bharat Forge believed “People” as their greatest assets and nurtured them to achieve their vision. It was a team work that made them to win the award at the ceremony organized by the Institute of Directors in Delhi. Ms. Sheena Minhas made a presentation on the future course of action and the Road map for the Forum.



1st HR Forum Meeting



3rd HR Forum Meeting

Mr. Shashi Bhatia, Vice President –Western Region, Franklin Covey made a presentation on Leadership Development. Luxite Industries Ltd. shared the HR initiatives taken by their company in the recent past.

Visit to & Interaction with Gabriel India Ltd.

October 14, 2011 : Nashik

Continuing the tradition of learning through sharing of knowledge, ACMA WR members



Visit to & Interaction with Gabriel India



Visit to & Interaction with Eaton Industrial Systems



Interactive Session at Rajkot

visited to Nashik Plant of Gabriel India Ltd. Mr. Mahendra Kumar Singh, General Manager made a presentation on the Company and its achievements. Mr. Singh mentioned that the Nashik plant was dedicated for 2-Wheeler suppliers. The plant had been awarded “Excellence in TPM” by Bajaj Auto, he added.

Visit to & Interaction with Eaton Industrial Systems Pvt Ltd

October 14, 2011 : Nashik

While presenting an overview on Eaton and its Nashik Plant, Mr. Purushi Doddanna, Plant Manager mentioned that Eaton had its own Innovation Center in Pune. Mr. Doddanna further added that in addition to implementation of 5S, TPM, TQM, priority was given to safety. Eaton practiced Kanban, Kaizen and Poka-Yoka as well, he added.

Interactive Session with Auto Component Manufacturers

December 17, 2011 : Rajkot

In continuing with its attempt to reach out to the membership and potential members in the entire Western Region, 1st ever Interactive Session was held at Rajkot in Gujarat. The objective was to familiarise with the concerns of the members and generate awareness about ACMA & its services among the potential members. Looking at the recent developments in terms of Vehicle manufacturers planning to set up their plants in Gujarat, the auto component industry should use the opportunity and gear up to meet the requirements of the OEMs, said Mr. Piyus Tamboli, Zonal Coordinator for Gujarat, in his welcome address. Presenting various services offered by ACMA, Mr. Kirti Rathod, Deputy Chairman –ACMA Western Region explained the benefits that could be derived by the member companies by their active participation at ACMA events.

Visit to & Interaction with Bosch Ltd.

December 20, 2011 : Nashik

Mr. Gopikumar, Vice President- Commercial, Nashik Plant (Diesel Systems) mentioned that access to the latest technology, systematic communication and regular visit to the customer were the key to grow and sustain the growth in present competitive environment. Presenting an overview on Bosch Ltd., Mr. Rao Chetan Chandrashekar, Deployment of Business Excellence mentioned that to remain cost effective and to ensure high quality production and sourcing base, Bosch makes

Concerted efforts in developing competence of supplier base, mainly the value chain partners. Highlighting Bosch Quality approach, Mr. Chandrashekar said that Bosch believe in avoiding failure than eliminating defects.

Visit to & Interaction with Lear Automotive India Pvt. Ltd.

December 20, 2011 : Nashik

Mr. Basant Pandey, Plant Manager presented an overview on the Company and its achievements. Mr. Pandey mentioned that the Nashik plant was dedicated mainly for Mahindra & Mahindra.



Visit to Bosch Ltd.

New Initiatives

National CEOs' Roundtable on " Manufacturing Excellence: Scaling up"

November 24, 2011 : Pune

Takao Kasahara San, Managing Director, Streamline Strategy Japan was the lead faculty at the event.



CEOs' Roundtable on "Manufacturing Excellence: Scaling up"

NRB and Godrej & Boyce also made case study presentations on Scaling up and Role of Top Business as a driving force in transformation of Manufacturing, respectively.

The visuals on case studies, forecast Vs. fact based approach and 3 point mantra - open mind, continuous efforts and high spirit were few of the many key learning that benefitted participants enormously.

National Conference on "Future Technology Trends in the Automotive Sector"

February 23, 2012 : Pune



National Conference on Future Technology Trends

Inaugurating the Conference, the Chief Guest, Dr. Abhay Firodia, Chairman Force Motors Ltd. stated that the automotive industry had not changed during the last 100 years, the way it had changed in the last 25 years. Dr. Firodia stated that India would have to play a Major role in advancement of technology in Automotive sector.

Minister Dalla-Riva and Mr. John Conomos AO, Australian Automotive Industry, Envoy expressed their keenness to participate in a collaborative research with the Indian automobile industry and academia for

exploring opportunities in new energy areas. The government had set aside Australian dollars 5.4 bln to conduct further development in innovative technology, such as Australia -India Strategic Research Fund (AISRF).

People at ACMA

Past Presidents

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

Executive Committee 2011-12

PRESIDENT

Mr. Arvind Kapur
Rico Auto
Industries Ltd.

VICE PRESIDENT

Mr. Surinder Kanwar
Bharat Gears Ltd.

IMMEDIATE PAST PRESIDENT

Mr. Srivats Ram
Wheels India Ltd.

ELECTED MEMBERS

Mr. Beni Daga, Baynee Industries
Mr. Soumitra Bhattacharya, Bosch Ltd.
Mrs. Pilloo C. Aga, Gold Seal Engineering Products Pvt. 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 Ganesh, Liners India Ltd.
Mr. Deepak Jain, Lumax Industries Ltd.
Mr. Nirmal K. Minda, Minda Industries Ltd.
Mr. Sudhir Munjal, Munjal Auto Industries Ltd.
Mr. Yogesh Munjal, Munjal Showa Ltd.
Mr. U S Ahuja, New Swan Enterprises
Mrs. Harshbeena S. Zaveri, NRB Bearings Ltd.
Mr. Harish Lakshman, Rane TRW Steering Systems Ltd.
Mr. S K Behera, RSB Transmissions (I) Ltd.
Mr. F R Singhvi, Sansera Engineering Pvt. Ltd.
Mr. Ravi Machani, Stumpp Schuele & Somappa Springs Pvt. Ltd.
Mr. Ramesh Suri, Subros Ltd.
Mr. C N Prasad, Sundaram-Clayton Ltd.
Mr. Ramchandra Rao (till May-2012), Eaton Industrial Systems Pvt. Ltd.

CO-OPTED MEMBERS

Mr. Amit B. Kalyani, Bharat Forge Ltd.
Mr. Anuj Mehta, Clutch Auto Ltd.
Mr. Harish K. Sheth, Setco Automotive 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. Sanjeev Mehta, Autofit Pvt. Ltd.
Mr. Ranjot Singh, Emdet Jamshedpur Pvt. Ltd.
Mr. Ram Venkataramani, India Pistons Ltd.
Mr. Randeep Jauhar, Jamna Auto Industries Ltd.
Mr. Atul Raheja, Lifelong India Ltd.
Mr. Surinder Mahendru, Nicks Auto Industries Pvt. Ltd.
Mr. Sunjay Kapur, Sona Koyo Steering Systems Ltd.
Mr. Arun Gupta, Technico Industries Ltd.
Mr. S J Taparia, The Supreme Industries Ltd.
Mrs. Gayathri Sriram, Ucal Products Pvt. Ltd.
Mr. Tarang Jain, Varroc Engineering Pvt. Ltd.
Mr. A Viswanathan, Visteon Automotive Systems India Pvt. Ltd.
Mr. P Kaniappan, WABCO 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. Arvind Balaji
Lucas-TVS Ltd.
- ➔ WESTERN REGION
Mr. Sandeep Balooja
Gabriel India Ltd.
(Anand Automotive Group)

DEPUTY REGIONAL CHAIRPERSONS

- ➔ EASTERN REGION
Mr. Sanjay Sabherwal
Metaldyne Industries Ltd.
(Co-opted Member)
- ➔ NORTHERN REGION
Mr. S K Arya
Jay Bharat Maruti Ltd.
(Elected Member)
- ➔ SOUTHERN REGION
Mr. Sriram Sivaram
Madras Engineering Industries Pvt. Ltd.
(Co-opted Member)
- ➔ WESTERN REGION
Mr. Kirti D. Rathod
Delux Bearings Ltd.
(Elected Member)

DIVISION & NATIONAL COMMITTEES CHAIRPERSONS

| | |
|--|--|
| AEROSPACE, DEFENCE & RAILWAYS | Mr. Atul Raheja - Lifelong India Ltd. |
| CONSUMER AFFAIRS & ANTI COUNTERFEITING | Mr. Soumitra Bhattacharya - Bosch Ltd. |
| ECONOMIC AFFAIRS, WTO & KP | Mr. A. K. Taneja - Shriram Pistons & Rings Ltd. |
| FINANCE | Mr. L. Ganesh - Rane Group |
| GLOBALISATION & TRADE FAIRS | Mr. Jayant Davar - Sandhar Technologies Ltd. |
| HR, IR & SKILL DEVELOPMENT | Mr. F. R. Singhvi - Sansera Engineering Pvt. Ltd. |
| INFORMATION TECHNOLOGY | Mr. Ravi Machani - Stumpp, Schuele & Somappa Springs PVT. LTD. |
| MEMBERSHIP | Mr. Surinder Kanwar - Bharat Gears Ltd. |
| OEM | Mr. Sanjay Labroo - Asahi India Glass Ltd. |
| PAST PRESIDENTS' COUNCIL | Mr. Srivats Ram - Wheels India Ltd. |
| RAW MATERIALS & IMTMA | Mr. Ramchandra Rao - Eaton Industrial Systems Pvt. Ltd. (upto May-2012) |
| | Mr. Surinder Kanwar - Bharat Gears Ltd. |
| MSME | Mr. Sunil Arora - Abilities India Pistons & Rings Ltd. |
| SUPPLY CHAIN MANAGEMENT | Mr. Nirmal K. Minda - Minda Industries Ltd. |
| SUSTAINABLE TECHNOLOGY DEVELOPMENT | Mr. Harish Lakshman - Rane TRW Steering Systems Ltd. |
| YBLF (Mentor) | Mr. Sanjay Labroo - Asahi India Glass Ltd. |
| (Co-ordinator) | Mr. Ravi Machani - Stumpp, Schuele & Somappa Springs Pvt. Ltd. |
| ACT DIVISION (Chairman) | Mr. Deep Kapuria - Hi-Tech Gears Ltd. |
| (Co-Chairman) | Mr. Srivats Ram - Wheels India Ltd. |

ZONAL COORDINATORS

EAST

| | |
|-----------------|--|
| JAMSHEDPUR ZONE | Mr. Ranjot Singh , Emdet Jamshedpur Pvt. Ltd. |
| KOLKATA ZONE | Mr. Mayank Kejriwal , Kiswok Industries Pvt. Ltd. |

NORTH

| | |
|------------------------|---|
| FARIDABAD ZONE | Mr. Satish Garg , Sadhu Forging Ltd. |
| RAJASTHAN ZONE | Mr. Sanjay Malhotra , Jumps Auto Industries Ltd. |
| ROHTAK & HISSAR ZONE | Mr. Rajesh Jain , Lakshmi Precision Screws Ltd. |
| PUNJAB & CHANDIGARH | Mr. U.S. Ahuja , New Swan Enterprises |
| UTTARANCHAL ZONE | Mr. Pravin Malhotra , Nipman Fastener Industries Pvt. Ltd. |
| U.P. ZONE | Mr. Sunil Arora , Abilities India Pistons & Rings Ltd. |
| GURGAON & MANESAR ZONE | Mr. Jagdeep Singh Rangar , Stork Rubber Products Pvt. Ltd. |
| GURGAON & MANESAR ZONE | Mr. Atul Raheja , Lifelong India Ltd. |
| GURGAON & MANESAR ZONE | Dr. Alka Kaul , Horizon Industrial Products Pvt. Ltd. |

SOUTH

| | |
|------------------------|---|
| CHENNAI & NEARBY ZONE | Mr. J. Sridhar , Southern Auto Castings Pvt. Ltd. |
| KARNATAKA & HOSUR ZONE | Mr. Man Mohan Kumar , Owari Precision Products (India) Pvt. Ltd. |
| ANDHRA PRADESH ZONE | Mr. S. Ganesh , Liners India Ltd. |

WEST

| | |
|-----------------|--|
| PUNE ZONE | Mr. Kirti D. Rathod , Delux Bearings Ltd. |
| NASHIK ZONE | Mr. Balbir Singh B. Chhabra , Right Tight Fasteners Pvt. Ltd. |
| GUJARAT ZONE | Mr. Piyus Tamboli , Investment & Precision Castings Ltd. |
| AURANGABAD ZONE | Mr. Tarang Jain , Varroc Engineering Pvt. Ltd. |

Workforce 2011-12

HEAD OFFICE

Mr. Abhishek Chopra
 Mr. Amit Mukherjee
 Ms. Anjali Nair
 Mr. Ashok Kumar
 Mr. Ashok Kumar Kamath
 Mr. Ashwani Kumar
 Mr. Deepak Rajput
 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
 Mr. Sourav Mandal
 Ms. Subhag Naqvi
 Mr. Sushil Rajput
 Mr. Vijay Kanojia
 Mr. Vikram Saigal
 Mr. Vinnie Mehta

EASTERN REGION

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

NORTHERN REGION

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

SOUTHERN REGION

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

WESTERN REGION

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

ACMA CENTRE FOR TECHNOLOGY (ACT)

Mr. Anupam Kaushik
 Mr. Chandu Chaudhary
 Mr. Dinesh A. Vedpathak
 Mr. G. Ananthkrishnan
 Mr. Jitender Rana
 Mr. K. Chandrasekhar
 Mr. K. N. D. Nambudiripad
 Mr. K. P. S. Raghuvanshi
 Mr. K. R. Bhoopalan
 Mr. R. H. Honrao
 Mr. Rakesh Gupta
 Ms. Sakshi S. Karkamkar
 Mr. T. K. Chanda
 Mr. V. K. Sharma

Acknowledgement

Affiliations and Memberships

Affiliations / Memberships

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

Partnerships

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

Representation on Government Bodies

ACMA continued to be represented on the following government bodies:

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

MoU Partners

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

ACMA and The Industry

About ACMA



The 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 52 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

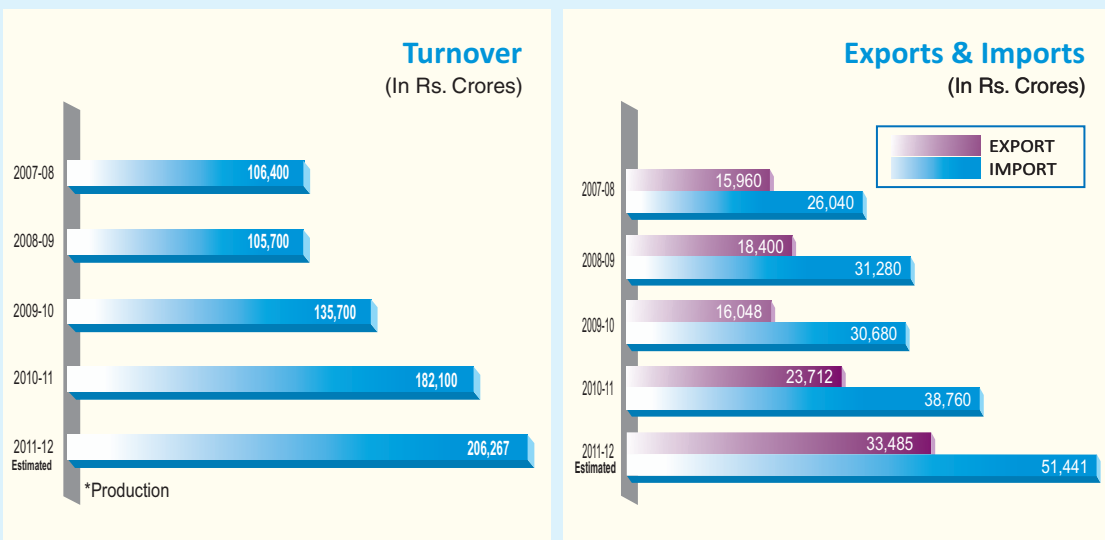
ACMA is committed to comply with the requirements of the Quality Management System and to continually improve its effectiveness through employee involvement.

President

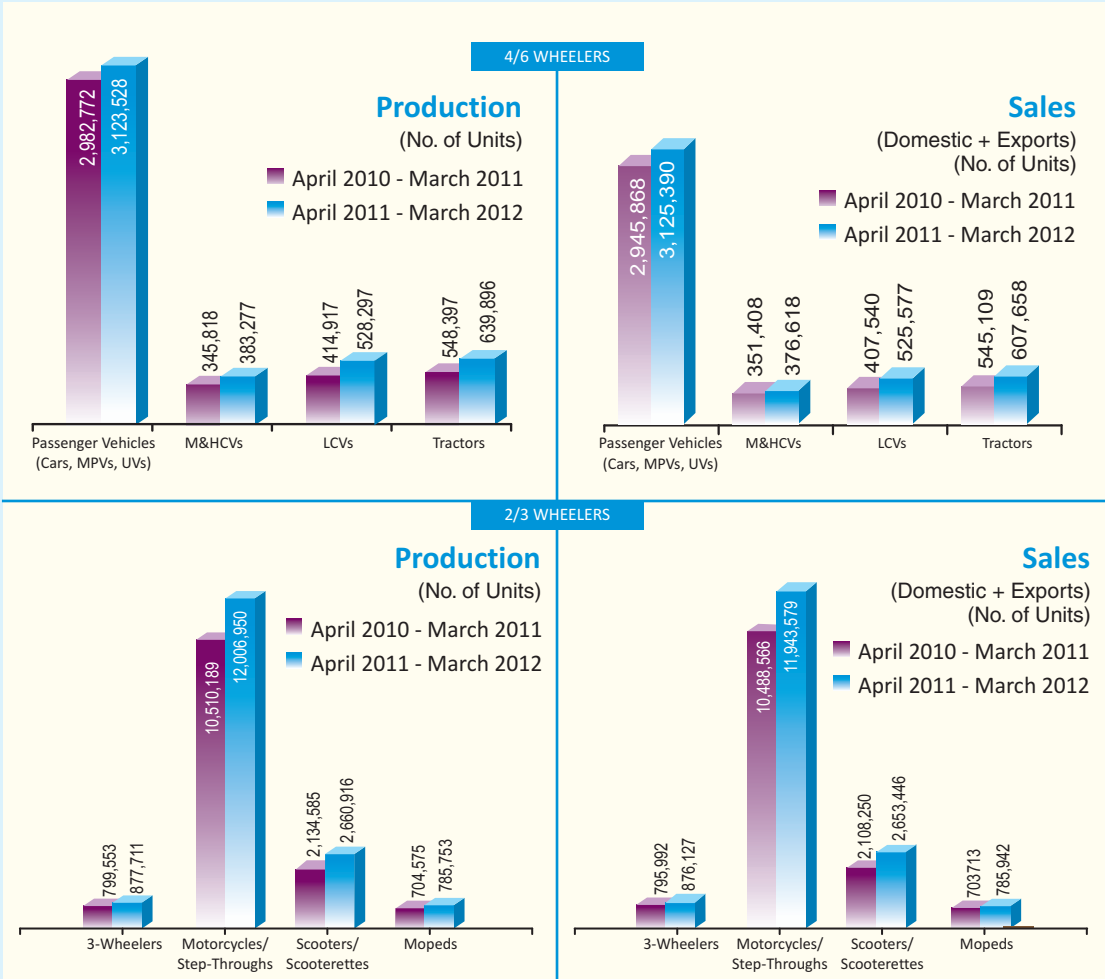
Executive Director

Industry Performance Indicators

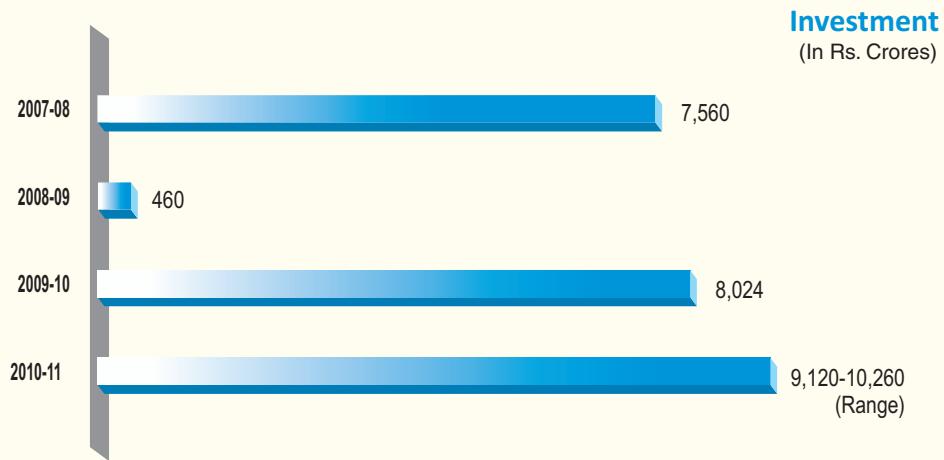
AUTO COMPONENT SECTOR



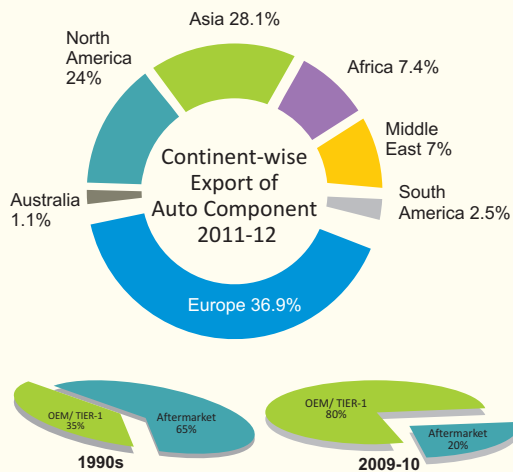
VEHICLE SECTOR



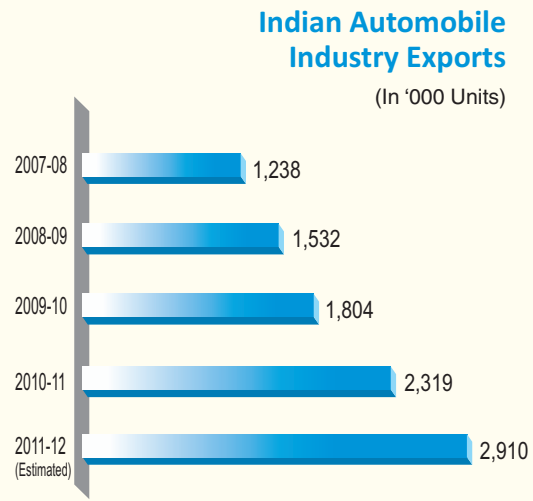
AUTO COMPONENT SECTOR



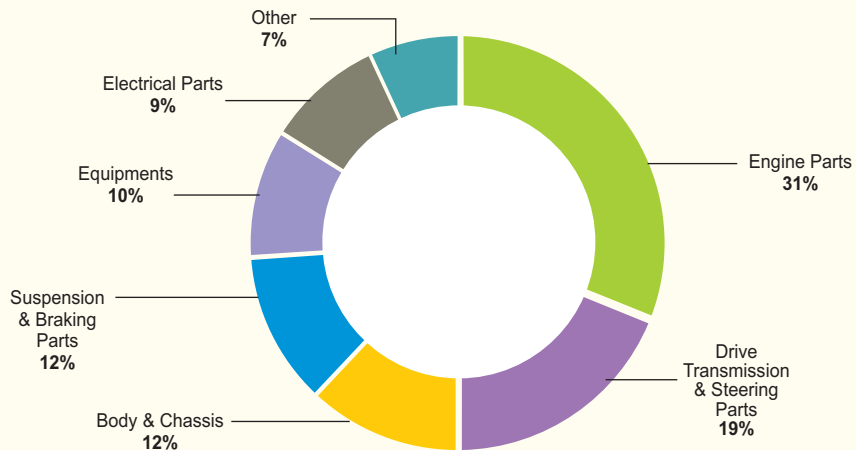
DIRECTION OF EXPORTS



VEHICLE SECTOR



INDUSTRY PRODUCT RANGE



Publication

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

For the 27th year in succession, ACMA published the **Buyers' Guide 2012** edition which has now become the only sourcing guide for the auto component industry.

ACMA released **International Trade e-Book 2012** 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.

ACMA published **The Indian Automotive Aftermarket Study Book (Vol. II) & CD**. The first ever extensive research on the Indian Automotive Aftermarket conducted through a primary and secondary survey had its findings brought out in two volumes of the Indian Automotive Aftermarket Study Book. Key highlights of this in-depth research include vehicle parc primary survey data (all segments) collected from 152 RTOs covering 100 cities pan India, the automotive aftermarket size; replacement frequency for key components across various vehicle segments; average maintenance cost (all segments), the rural automotive profile, key trends; tax, legal and regulatory environment and the grey market. Besides, the study has thrown light on evolutionary aftermarket trends of developed markets and learning from these markets.

A user friendly software tool in the CD, specially designed for purpose can give component-wise potential of each vehicle model- state wise & city wise and also its market share in the organized and unorganized sector .

This is a never before single source, most reliable data required by aftermarket managers, strategic and operational decision makers.

ACMA-JD Power initiative: 'Insights into Supplier-OEM relationship: A Benchmarking Study' conducted by JD Power Asia Pacific on behalf of ACMA was released in New Delhi.

The study aimed at understanding and analysing the relationship between the suppliers and OEMs in select markets on the basis of trust and dependability, driven by a common purpose of commercial success and business development . It outlined several key parameters that suppliers need to focus upon to distinguish their performance from others. The interface study was designed to give directions and help suppliers make better strategic decisions when dealing with the OEMs. The study, listed findings about the relationship between Suppliers and OEM in the Indian domestic market, benchmarked against practices in the developed markets of USA, Germany, France and the emerging market of China.



ACMA in the Press

Auto sector performance belies fears over attainment of AMP aims

Component production target achievement certain



Auto part firms want OEMs to acquire land

वाहन क्षेत्र के लिए निर्यात प्रोत्साहन जारी रखा जाए : एक्मा

स्कूटर्स इंडिया की बोली पर फैसला जल्द
ऑटो उद्योग को जल्द सुस्ती हटने की उम्मीद
 25 नई कारों की लॉन्चिंग और जोड़ोगी गीजन में ऑटो उद्योग को बिक्री बढ़ने की उम्मीद

French auto part makers to invest in Guj

Auto parts makers in no mood to slow

India scouts for auto parts outside Japan
Expect 18% export growth

Sindhu Bhattacharya
NEW DELHI

Auto component production
 \$billion (LHS) YoY growth (%)

vehicles, and has already supplied this to some Indian vehicle makers. It is also expected to supply this tech-

Manufactures

bet big on R&D facilities

ज्यादा समय तक टाटा के शोरूम में नहीं बिकेंगी फिएट की कारें

ACMA says 36% auto parts in replacement mkt fake

ALMOST 36 per cent of the auto parts in the replacement market are fake, says research agency Nielsen Co along with Acma.



फिएट 20 शहरों में खोलेगी शोरूम

नई दिल्ली। वाहन निर्माता कंपनी फिएट इंडिया ने कहा है कि वह ज्यादा शहरों में अपने नए (एक्मा) श्रम कार्यकारी द्वारा नियुक्त

Auto component manufacturers in expansion mode, despite slowdown

वाहन क्षेत्र के लिए निर्यात प्रोत्साहन जारी रखा जाए : एक्मा

Component cos defer capex plans on back of weak sales

नई दिल्ली। वाहन उद्योग में मंदी के बीच ऑटोमोटिव कंपोनेंट मैन्यूरिंग इंडिया ने भारत के साथ हुए पर चिंता जाहिर करते हुए अनेक विनिर्माताओं को निर्यात प्रोत्साहन के अभाव में वाहन बाजार में मंदी का सामना करने के लिए प्रेरित किया है।

Slowdown in auto component industry not permanent: Minister



Eyeing Growth Revival, Auto Parts Makers Step on the Gas

नए लॉन्च और त्योहारों के बूते ट्रैक पर लौटेगी ऑटो इंडस्ट्री
 मौजूदा वित्त वर्ष के पहले 4 महीने में इंडस्ट्री ने 9 फीसदी की ही ग्रोथ हासिल की

Auto parts industry wants incentives to continue

Auto Parts Cos Strike JVs for Tech; Consolidation Looms

छह साल में ढाई गुना बढ़ेगी कारों की बिक्री

ACMA Membership

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 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.
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 Allison Transmission India Pvt. Ltd.
 Almighty Auto Ancillary Pvt. Ltd.
 ALP Nishikawa Company Ltd.
 Alpha Drives
 Alpha Springs Chennai (P) Ltd.
 Amalgamations Repco Ltd.
 Amar Autotech Pvt. Ltd.
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 Amtek Auto Ltd.
 Amul Industries Pvt. Ltd.
 AMW Auto Component Ltd.
 Anand Automotive Ltd.
 Anand Motor Products Pvt. Ltd.
 Anand NVH Products (P) Ltd.
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 Arvind Engineering Works Ltd.
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 Ashra Consultants Pvt Ltd.
 ASK Automotive Pvt. Ltd.
 ASL Industries Pvt. Ltd.
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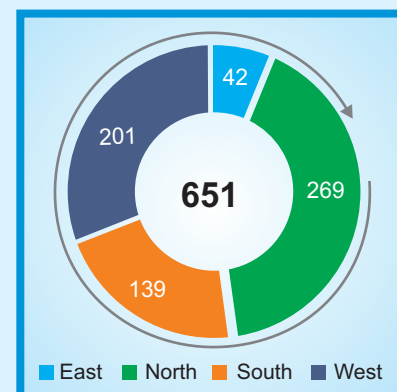
Autoliv India Pvt. Ltd.
 Autometers Alliance Ltd.
 Automotive Stampings and Assemblies Ltd.
 Automotive Valves Pvt. Ltd.
 Avasarala Technologies Ltd.
 Avery Dennison (India) Pvt. Ltd.
 AVR Valves Pvt. Ltd.
 AVS Brake Linings Pvt. Ltd.
 Avtec Ltd.
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B.

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

C.

C.M. Smith & Sons Ltd.
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 Caltherm Thermostats Pvt. Ltd
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 Car International
 Carl Bechem Lubricants (India) Pvt. Ltd.
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 Clutch Auto Ltd.
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 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.
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 Dana India Pvt. Ltd.
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 Devendra Exports Pvt. Ltd.
 Devilog Systems (India)
 Dhoot Transmission Pvt. Ltd.
 DME (India) Pvt. Ltd.
 Donaldson India Filter Systems Pvt. Ltd.
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 Ecocat (India) Pvt. Ltd.

Electrica Engineers (India) Pvt. Ltd.
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Elofic Industries Ltd.
Emdet Jamshedpur Pvt. Ltd.
Emitec Emission Control Technologies (I) Pvt. Ltd.
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Escorts Ltd.
Estee Auto Pressings Pvt. Ltd.
Everest Electrical & Engineering Company Pvt. Ltd.
Excel Polymotive
Exedy India Ltd.
Exotech Zanini Industries Pvt. Ltd.

F.

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

G.

G B Rubber Products
G. S. Auto International Ltd.
Gabriel India Ltd.
Gajra Gears Pvt. Ltd.
Galaxy Bearings Ltd.
Gargs Engineers Ltd.
Gatiman Auto Pvt. Ltd.
Gearock Forge Pvt. Ltd.
Ghaziabad Precision Products Pvt. Ltd.
Gilard Electronics Pvt. Ltd.
GKDITR- Tooling Centre
GKN Driveline (India) Ltd.
GKN Sinter Metals Pvt. Ltd.
Global Automotive Components (P) Ltd.
Global Autotech Ltd.
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.
Hella India Lighting Limited
Helvoet Rubber & Plastic Technologies (India) Pvt. Ltd.
Hero Motors Ltd.
Highco Engineers (P) Ltd.
Highway Industries Ltd.
Hilux Auto Electric Pvt. Ltd.
Hi-Lux Automotive Pvt. Ltd.
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Hindustan Composites Ltd.
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Hindustan Hardy Spicer Ltd
Hi-Tech Gears Ltd.
Hodek Vibration Technologies Pvt. Ltd.
Honeywell Turbo Technologies India Pvt. Ltd.
Horizon Industrial Products Pvt. Ltd.
Huf India Pvt. Ltd.

I.

I E Auto Industrial Enterprise Pvt. Ltd.
I P Rings Ltd.
Ibex Products Pvt. Ltd.
IFB Automotive Pvt. Ltd.
IFB Industries Ltd.
IM Gears Pvt. Ltd.
Imperial Auto Industries Ltd.
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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.
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Industrial Forge & Engineering Co. Ltd.
Industrial Rubber Products Pvt. Ltd.
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Innova Rubbers Pvt. Ltd.
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Inteva Products India Automotive Pvt. Ltd.
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IST Ltd.
ITTI Pvt. Ltd.

J.

Jamna Auto Industries Ltd.
Japji Enterprises
Jay Bharat Maruti Ltd.
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Jayashree Polymers Pvt. Ltd.
Jayem Auto Industries Pvt. Ltd.
JBM Auto Ltd.
JHS Taigene Electrical Co. Pvt. Ltd.
Johnson Matthey India Pvt. Ltd.
Jtekt Sona Automotive India Ltd.
Jumps Auto Industries Ltd.

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K.M.P. Manufacturing Company
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Kalyani Forge Ltd.
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Kamal Rubplast Industries Pvt. Ltd.
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Kems Forgings Ltd.
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Kirat Plastics Pvt. Ltd.
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Kirloskar Toyoda Textile Machinery Pvt. Ltd.
Kiswok Industries Pvt. Ltd.
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Kores (India) Ltd.
KOSTAL NTTF Automotive India Pvt. Ltd.
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Kulkarni Engineers
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Kunstocom (India) Ltd.
Kusalava International Ltd.

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Lakshmi Precision Screws Ltd.

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Litens Automotive (India) Pvt. Ltd.
Lucas TVS Ltd.
Lumax DK Auto Industries Ltd.
Lumax Industries Ltd.
Luthra Industrial Corporation

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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.
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Macas Automotive
Machino Polymers Ltd.
Maco Pvt. Ltd.
Madhusudan Auto Ltd.
Madras Engineering Industries Pvt. Ltd.
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Magneti Marelli India Pvt. Ltd.
Magnum MI Steel Pvt. Ltd.
Mahalaxmi Seamless Ltd.
Mahindra Forgings Ltd.
Mahindra Gears & Transmissions Pvt. Ltd.
Mahindra Hinoday Industries Ltd.
Mahindra Sona Ltd.
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Mahle Filter Systems (India) Ltd.
Maharatta Chamber of Commerce,
Industries & Agriculture
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Makino Auto Industries Pvt. Ltd.
Manas Automotive Systems Ltd.
Mandap International Pvt. Ltd.
Mando India Ltd.
Mann and Hummel Filter Pvt. Ltd.
Mansons Automotive Rubber Pvt. Ltd.
Mantri Metallics Pvt. Ltd.
Marathwada Auto Compo Pvt. Ltd.
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Mayur Industries Ltd.
Mayur Uniquoters Ltd.
MEC Bearings Pvt. Ltd.
Meenakshi Polymers Pvt. Ltd.
Mehta Engineers Ltd.
Meneta Automotive Components Pvt. Ltd.
Menon and Menon Ltd.
Metaforge Engineering (India) Pvt. Ltd.
Metal Form
Metaldyne Industries Ltd.
Metalman Auto Pvt. Ltd.
MEW Suspensions Pvt. Ltd.
Micron Enterprises
Microsign Products
Microsoft Corporation (India) Pvt. Ltd.
Mikroflo Filters Pvt. Ltd.
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Minda Corporation Ltd.

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Minda Industries Ltd.
Minda Sai Limited
Minda Stoneridge Instruments Ltd.
Minda Valeo Security Systems Pvt. Ltd.
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Mitsubishi Electric Automotive
India Pvt. Ltd.
MK Autocomponents India Ltd.
Mobility Solutions Ltd.
Mobis India Ltd.
Motherson-Sumi Systems Ltd.
Mrinalini Industries
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Multitech Auto Pvt. Ltd.
Mungi Brothers
Munjil Auto Industries Ltd.
Munjil Showa Ltd.
Musashi Auto Parts India Pvt. Ltd.
Mutha Founders Pvt. Ltd.
Mutual Industries Ltd.

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

O.

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

P.

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Padmini VNA Mechatronics Pvt. Ltd.
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Paracoat Products Ltd.

Paranjape Autocast Pvt. Ltd.
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Pasio Aircon Pvt. Ltd.
Paul Components Pvt. Ltd.
Pavna Auto Engineering Pvt. Ltd.
Pee Aar Exim Pvt. Ltd.
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Perfect Industries (India)
Pfeda Synthetics Pvt. Ltd.
PHA India Pvt. Ltd.
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Prabha Engineering Pvt. Ltd.
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Precision Auto Industries
Precision Autowares Pvt. Ltd.
Precision Camshafts Ltd.
Precision Pipes and Profiles Co. Ltd.
Premium Mouldings & Pressings Pvt. Ltd.
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Pricol Ltd.
Pritika Auto Products Pvt. Ltd.
PRS Permacel Pvt. Ltd.
Punch Ratna Fasteners Pvt. Ltd.
Punjab Bevel Gears Ltd.
Purofil Auto (India) Pvt. Ltd.

Q.

QH Talbros Ltd.

R.

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Radiant Polymers Pvt. Ltd.
Raghu Precision Engineering Pvt. Ltd.
Raja Forgings & Gears Ltd.
Rajatdeep Overseas Pvt. Ltd.
Rajhans Pressings Pvt. Ltd.
Rajnish Industries Pvt. Ltd.
Rajsriya Automotive Industries Pvt. Ltd.
Ramkrishna Forgings Ltd.
Ramsays Corporation Pvt. Ltd.
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Roop Polymers Ltd.
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Roulunds Braking (India) Pvt. Ltd.
RSB Transmissions (I) Ltd.
Rucha Engineers Pvt. Ltd.
Rucha Technologies Pvt. Ltd.

S.

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Sakthi Auto Component Ltd.
Samarth Engg. Co. Pvt. Ltd.
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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.
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Sharda Motor Industries Ltd.
Sheet Shapers
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Shriram Pistons & Rings Ltd.
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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.
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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.
SPM Autocomp Systems Pvt. Ltd.
Spring India
Spun Micro Processing (P) Ltd.

Sri Bhavani Castings Ltd.
Standard Radiators Pvt. Ltd.
Steel City Metal Products (P) Ltd.
Steel Strips Wheels Ltd.
Steelbird International
Sterling Tools Limited
Stork Auto Engineering Pvt. Ltd.
Stork Rubber Products Pvt. Ltd.
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Sudisa Foundry (P) Ltd.
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Sulzer Friction Systems India Ltd.
Sumit Enterprises
Sunbeam Auto Pvt. Ltd.
Sundaram Auto Components Ltd.
Sundaram Brake Linings Ltd.
Sundaram Clayton Ltd.
Sundaram Industries Ltd.
Sundram Fasteners Ltd.
Sunpac Auto (India) Pvt. Ltd.
Sunstar Precision Forge Ltd.
Super Circle Auto Ltd.
Super Seals India Ltd.
Supercircle Pvt. Ltd.
Suprajit Engineering Ltd.
Supreme-Treves Pvt. Ltd.
Suraj General Engineers (P) 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 Cork Products Pvt. Ltd.
Talbro Engineering Ltd.
Tata Autocomp Systems Ltd.
Tata Johnson Controls Automotive Ltd.
Tata Toyo Radiator Ltd.
Tata Yazaki Autocomp Ltd.
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Taylor Rubber Pvt. Ltd.
Tech Auto Pvt. Ltd.
Technico Industries Ltd.
Teksons Pvt. Ltd.
Tenneco Automotive India Pvt. Ltd.
Terminal Technologies (I) Pvt. Ltd.
Tespa Tools Pvt. Ltd.
Textek Elektroniks Pvt. Ltd.
TG Kirloskar Automotive Pvt. Ltd.
The Automotive Research Association of India
The Supreme Industries Ltd.
Thirdware Solution Ltd.
TKW Fasteners Pvt. Ltd.
Toyota Boshoku Automotive India Pvt. Ltd.
Toyota Kirloskar Auto Parts Pvt. Ltd.
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.
TVS Logistics Services Ltd.
Twenty First Century Auto Locks Pvt. Ltd.
Tyco Electronics Corporation India (P) Ltd.

U.

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

V.

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

W.

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

Y.

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

Z.

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

As on August 7, 2012



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Manufacturers Association of India**

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2224670 Extn-24
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E-mail: acmaer@acma.in

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Tamil Nadu
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Fax: +91 44 2833 0590
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SOUTHERN REGION ZONAL OFFICE

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Karnataka
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Fax: +91 80 4093 9689
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WESTERN REGION

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2497 5877, 2498 0502
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WESTERN REGION ZONAL OFFICE

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