

annual report - 2009-10

Celebrating

50 years



Automotive Component  
Manufacturers Association of India





*Saluting the ACM A Leadership...*



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



ANNUAL REPORT  
2009 - 10

**ACMA**

**Automotive Component Manufacturers Association of India**



## President's Message

Dear Friends,

The year gone by has been one of celebrations! It was our golden jubilee year, a hallmark for any institution that has stood tall amidst the onslaught of economic upheavals and global competition. It was also a celebration of bonhomie, camaraderie, intense engagement with all stakeholders especially our members and the OEMs. The year culminated with a grand finale where we felicitated our leaders and customers. I am extremely proud that the membership gave me an opportunity to lead the industry and serve them at a time when the industry hit the point-of-inflection for surging growth.

**Industry performance & outlook:** As I look back, I am gladdened that the year gone by has also been one of good tidings, growth, hope and optimism. Firstly we were caught unawares with the unprecedented growth in the auto sector. No one expected the recovery to be so quick, so steep and this put the auto industry on an accelerated drive. The passenger vehicles segment grew twenty-eight percent to cross 2.3 million units, the commercial vehicles grew thirty-six percent to breach 0.5 million mark while the two-wheelers market exceeded 10.5 million units in sales growing twenty five percent. I am glad that the auto components industry, in tandem with the finished auto goods market, grew to a healthy over USD 21 billion in turnover, while the exports crossed USD 3.2 billion. The first quarter of 2010-11 witnessed significant growth of over thirty percent and this quantum seems to suggest that the growth in the auto component industry this fiscal will surpass twenty percent.

**Catalyzing growth & development:** Nothing can be more satisfying for a President than the vibrancy of the forum he leads and I am delighted that the last year outshone all previous ones on account of the number of activities ever held in a single year.

Technological development and moving up the value-chain were given a special thrust in the year 2009-10. We signed an MoU with the Fraunhofer Institute, Germany to carry forward joint initiatives and technology development in India along with our partners SIAM and NATRiP. ACMA CEOs' Mission to Israel gave us an insight into how innovation and new product development is carried out in one of the most advanced and technology savvy nations. An engagement with the Technion University, Israel to create an innovation environment within the auto component industry is also on the anvil. Further, our initiative with MIT, USA continues.

During the year ACMA continued to be in the forefront of industry development. Trade missions organised to Thailand and Brazil were instrumental in carrying forward the ACMA agenda of promoting strategic tie-ups in these growing markets. To enhance business opportunities for ACMA membership and to promote technology acquisitions in Europe, a special two-day B2B partnership event – 'India Europe Automotive Suppliers Meet' was organised in Bangalore. Exports received a special thrust through ACMA group participation at key international auto shows like IAA, Frankfurt; Iran International Auto Parts Fair, Iran and BSM in Brazil. Auto Expo, our flagship event was jointly organised along with CII and SIAM. With over two thousand companies displaying and close to a hundred international business delegations, Auto Expo broke all-previous records in terms of response from the stakeholders.

ACMA Center for Technology (ACT) continued to spearhead the drive for quality, productivity and technology for ACMA members. An ACT Cluster programme and an Advanced Cluster programme were launched in Pune. Further, to handhold the SME sector, two dedicated SME cluster programmes were launched one each in Bangalore and Jamshedpur. Another foundation cluster programme was also launched in Jamshedpur. In its pursuit of promoting innovation, a New Product Development Cluster, with no geographical boundaries, and another cluster on Engineering have also been announced.

The Young Business Leaders' Forum (YBLF), our response to address the challenges of mentoring the next generation was restructured to allow for faster induction of new blood and to ensure quicker churn of leadership at the top. The new YBLF continued its exciting journey with interactions with several luminary thought leaders as also global OEMs. The young brigade's mission to Turkey enriched them with an exposure to management and technology excellence in the Turkish auto sector.

**New initiatives:** I am also pleased that the year gone by has been one of new initiatives, introspection and rethinking. To streamline the deliverables from the ACMA stable, for the first time Terms-of-Reference (ToRs) were defined for all committees and an Annual Integrated Calendar of ACMA activities announced. I am happy that the Chairpersons of our committees and the Executive Committee members engaged with enhanced responsibility and accountability for better delivery of services to our stakeholders throughout the year.

ACMA's outreach to international domain scaled new heights; its horizons broadened to look beyond the conventional auto sector into aerospace, defense & railways. New initiatives have been launched on skill development and I am pleased to mention that the government has formally announced the setting up of the Auto Skill Development Council (ASDC). Sustainable development with emphasis on monitoring carbon footprint in the auto component sector was another new initiative that was received with much enthusiasm.

To serve the industry in tune with its evolving needs and to be globally competitive, we commissioned Ernst & Young (E&Y) as our Knowledge Partner to keep us abreast with the global business trends and also map the business & policy environment in India and overseas. With changes in the business environment, E&Y is now engaged in recalibrating the deliverables of the AMP as also delineating the Vision 2020 for the auto component industry. As per the estimates, the industry may well be five-folds of its current size by 2020. This Vision document will be the basis for all future reference and policy formulation for the auto component sector. Further, to gauge the size of the after-market and the impact of sales of spurious components on the industry and the government's exchequer, a detailed study has been undertaken. I hope these initiatives will be a step forward towards making ACMA the knowledge hub for the auto industry.

**Service delivery:** As the Indian economy scales newer heights and the per capita income grows beyond the USD 1,000 mark, our industry beckons the ACMA secretariat to transform itself into a world-class institution. With implementation of the restructuring plan of the ACMA secretariat through Deloitte, a consultancy of international repute, the ACMA secretariat is now ready to set a new benchmark in service delivery. A new HR policy has also been put in place to take care of our secretarial staff. We are now in the process of institutionalizing the Council of Past Presidents for incisive guidance to the ACMA Executive Council. The year also witnessed change-of-guards at the ACMA secretariat, Vinnie Mehta took over as our new Executive Director as Vishnu Mathur moved over to SIAM after a glorious stint with us. We also strengthened ACMA infrastructure with a new Zonal office for the Western Region in Pune. Our new office premises in Jamshedpur will be operational shortly.

**Challenges:** While growth is indeed very heartening and welcome, it has its own set of

challenges. In an environment where change is the only constant, we at ACMA had to deal with a myriad of issues. The industry is in the mode of capacity expansion, but with poor infrastructure, insufficient power, lack of skilled manpower and low return on investments, scaling up has been somewhat behind. Further, the onslaught of imports, as the Government liberally signed several FTAs and bilateral trade agreements, made it difficult for the industry. The latter half of the year witnessed the European economy and the Euro hitting troubled waters, thus putting to jeopardy our exports prospects in the region. However, I am confident that ACMA will continue to spearhead the cause and take up these issues with concerned authorities for re-addressal.

**Acknowledgements:** I must acknowledge the support of the Governments, the centre and the states alike, who have been extremely receptive to ACMA's suggestions and inputs especially with regards to trade, monetary and fiscal policies. ACMA continued to engage proactively with the government on matters of FTA, WTO, technical standards and automotive regulations. My special gratitude to the Ministry of Heavy Industry and Public Enterprises, our nodal ministry, whose unstinted support and guidance we have always cherished. I am hopeful that our dialogue with the government on creating an Auto Component Development Fund will fructify in the near future. I would also like to place on record my appreciation for the support extended to us by CII, SIAM and IMTMA.

As I handover the mantle to the new President, I would like to take this opportunity to thank all our members for their support and the trust reposed in me. I would particularly like to thank the Vice President, the Regional, the Committee and the Zonal Chairpersons, the Past Presidents, the Chief Mentor-ACT and our Executive Committee members for their guidance and dynamic involvement. Last but not the least, no action can be realized without the active contribution of the secretariat. My heartfelt thanks to the entire ACMA secretariat.

I am very confident that ACMA and the entire auto component industry will grow from strength-to-strength in the coming years and will play a handsome role in the overall growth of the national economy.

– Jayant Davar

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# Activity Report

## ■ Annual Session & National Conference

September 3, 2009

### Golden Jubilee Session

- Chief Guest, Mr. Vilasrao Deshmukh, Hon'ble Minister for Heavy Industries & Public Enterprises, Govt. of India
- Special Golden Jubilee Felicitation to Automotive Industry Visionaries

### 49th Annual Session and National Conference on "Looking Beyond the Global Recession"

- Keynote Speaker, Prof. Charles H. Fine, Professor of Management, Massachusetts Institute of Technology (MIT), U.S.A.
- Guest of Honour, Mr. Venu Srinivasan, President, CII & Chairman & Managing Director, TVS Motor Company Ltd.
- Chief Guest, Dr. Satyanarayana Dash, Secretary (Heavy Industry), Ministry of Heavy Industries & Public Enterprises, Govt. of India

### Conference Session: Presentation by

- Mr. Gianni Coda, Chief Executive Officer, Fiat Group Purchasing, Italy
- Mr. Stephen D'Arcy, Global Automotive Leader, PricewaterhouseCoopers, U.S.A.
- Mr. Michael Robinet, Vice President-Global Vehicle Forecasts, CSM Worldwide, U.S.A.
- Mr. Paul Markwick, Chief Executive Officer, VCA, U.K.

## ■ Executive Committee Meetings

April 3, 2009

### Fourth Meeting of ACMA Executive Committee 2008-09, New Delhi

- Interaction with Mr Tejpreet Chopra, President & CEO, GE-India, Bangladesh & Sri Lanka
- Presentation by ACT Cluster members

June 1, 2009

### Fifth Meeting of ACMA Executive Committee 2008-09, Mumbai

- Interaction with Volkswagen India Pvt. Ltd.
- Interaction with Mr. Harpal Singh, Chairman-CII (NR) and Mentor & Chairman Emeritus, Fortis Healthcare Ltd.

September 3, 2009

### First Meeting of ACMA Executive Committee 2009-10, New Delhi

November 6, 2009

### Second Meeting of ACMA Executive Committee 2009-10, Bangkok

- ACMA Executive Committee Mission to Thailand (November 3-5, 2009)
- ACMA Executive Committee Members' Interaction with H.E. Ms. Latha Reddy, Indian Ambassador to Thailand (November 6, 2009)

February 6, 2010

### Third Meeting of ACMA Executive Committee for 2009-10, Bangalore

- Interaction with Mr Chetan Maini, Dy. Chairman & CTO, Reva Electric Car Company Pvt. Ltd.

March 27, 2010

### Fourth Meeting of ACMA Executive Committee for 2009-10, New Delhi

## ■ National Committees

### Aerospace, Defence & Railways Committee

December 10, 2009

Visit to & Interaction with Hindustan Aeronautics Ltd., Bangalore

March 26, 2010

SAE India Conference on "Indian Aerospace Opportunities & Challenges 2010", Bangalore

March 31, 2010

Meeting with EADS, New Delhi

### Consumer Affairs & Anti-Counterfeiting

April 30, 2009

ACMA Consumer Affairs Committee Meeting with EIPR and C3i, New Delhi

June 30, 2009

Meeting with Senior Experts from Italy on the Automotive Aftermarket, New Delhi

August 13, 2009

Meeting with Mr V Sridhar, Chairman, Central Board of Excise & Customs, New Delhi

September 4, 2009

ACMA Consumer Affairs Committee Meeting on Common Raids, New Delhi

January 5-11, 2010

Asli-Naqli show during Auto Expo 2010, New Delhi

January 6, 2010

ACMA Consumer Affairs Committee meeting, New Delhi

January 7, 2010	Press Conference on the Issue of Counterfeits, New Delhi
January 7, 2010	Seminar on IP Management through Brand Protection, New Delhi
March 27, 2010	Consumer Affairs Committee Meeting, New Delhi

### Economic Affairs, WTO & Knowledge Partner Committee

April 16, 2009	Meeting with Mr. R. S. Gujral, Director General of Foreign Trade, Ministry of Commerce & Industry to discuss Foreign Trade Policy, New Delhi
April 21, 2009	First meeting of the Inter Ministerial Working Group on Infrastructure and R&D, New Delhi
May 11, 2009	Safeguard Duty: Inter-ministerial Group meeting for which ACMA gave key inputs regarding HR Steel, New Delhi
July 5, 2009	Pre-Budget Presentation at Ministry of Finance, New Delhi
July 9, 2009	Second meeting of Development Council for Automobile & Allied Industries, New Delhi
July 10, 2009	Meeting with Mr. Vilasrao Deshmukh, Hon'ble Minister, Ministry of Heavy Industries & Public Enterprises, New Delhi
July 10, 2009	Meeting with Dr. V. Krishnamurthy, Chairman, National Manufacturing Competitiveness Council, New Delhi
August 11, 2009	Meeting with US Congressional Staff reference Generalized System of Preferences (GSP), Mumbai
September 21-22, 2009	Meeting of Indo-German Joint Working Group on Automotive Sector, Frankfurt, Germany
September 30, 2009	3rd Meeting of the IMG on Taxation, Fiscal & Investment Policy, New Delhi
October 6, 2009	Meeting with Dr. S.N. Dash, Secretary (Heavy Industry), Department of Heavy Industry, MOHI, New Delhi
October 6, 2009	Meeting with Dr. V. Krishnamurthy, Chairman, NMCC, New Delhi
October 6, 2009	Meeting with Mr. Ambuj Sharma, JS, Department of Heavy Industry, MOHI, New Delhi
October 6, 2009	Meeting with Mr. R. S. Gujral, Director General of Foreign Trade, DGFT, MOCI, New Delhi
October 7, 2009	Presentation by PWC on Draft Direct Tax Code, New Delhi
Nov. 30 - Dec. 2, 2009	Participation in WTO Mini-Ministerial, Geneva
December 2, 2009	Meeting at NMCC reference PMG Report- on Capital Goods and Machine Tool Segment, New Delhi
December 9, 2009	ACMA-SIAM Automotive Trade Workshop VII, New Delhi
December 16, 2009	Meeting with Ministry of Finance reference ACMA's Pre-Budget Recommendations for Union Budget 2010-2011, New Delhi
February 22, 2010	3rd meeting of Development Council of Automobiles & Allied Industries, New Delhi
February 26, 2010	Union Budget 2010-2011 viewing session at CII, New Delhi
March 2, 2010	Presentation by Ernst & Young on Union Budget 2010-2011 & Its Implications on the Auto Component Sector, New Delhi
March 14-19, 2010	NAMA week at WTO, Geneva
March 23, 2010	Meeting of Parliamentary Standing Committee on Industry to consider the Demands for Grants (2010-2011), New Delhi

### Globalisation & India Brand Building Committee

#### Expanding International Linkages with Counterparts

May 27, 2009	APMA-Auto 21 Annual Conference & Exhibition 2009, Canada
May 28, 2009	Meeting with Original Equipment Suppliers Association (OESA), U.S.A.
November 18, 2009	Meeting with delegation from Thailand Department of Export Promotion, Ministry of Commerce, Royal Thai Government and Thailand Auto Parts Manufacturers Association (TAPMA), New Delhi
December 8, 2009	ACMA -SIAM luncheon meeting with Mr. James E. Smith, President, SAE International, New Delhi
December 14, 2009	Meeting with Mr. Gian Franco Carobonato, President, Unione Industriale Torino (ACMA MoU Partner in Italy), New Delhi
February 22, 2010	Meeting with Mr. Murli Iyer, Executive Advisor-Global Affairs, SAE International, New Delhi
March 22, 2010	Meeting with Mr. Steve Rodgers, President, Auto Parts Manufacturers Association (APMA), Canada

#### Incoming Delegations/ Meetings

September 10, 2009	Members participation at KOTRA Events for JV and Technology Tie Ups, Mumbai
September 11-13, 2009	Members participation at Taitronics 2009 (event-cum-exhibition) organised by TAITRA (Taiwan's External Trade Promotion Agency), Chennai
October 27, 2009	Meeting with delegation from The Netherlands, New Delhi
November 10, 2009	Meeting with Mr. James Bovenzi, Vice President Global Purchasing and Supply Chain (GMIO), Gurgaon
November 24, 2009	Meeting with Delegation from Polish Information and Foreign Investment Agency, New Delhi
December 2, 2009	Visit of Delegation from Slovenia, Chennai
February 15, 19 & 23, 2010	Meeting with high level Australian automotive delegation organised by Austrade-Australian Government's trade and investment development agency New Delhi, Pune & Chennai (*)
March 16, 2010	Meeting with Ministerial Delegation from Mexico, New Delhi
March 16, 18, 19, 2010	Meeting with buying team from Foton Group, China, New Delhi, Mumbai & Chennai (*)

**India Projection**

September 22, 2009 IAA-India-Day 2009, Indo-German Cooperation: Way out of Global Crisis Frankfurt, Germany

**Outgoing Missions**

June 8-12, 2009 ACMA Presidential Delegation, Taiwan & Vietnam  
 March 8-12, 2010 CEOs' Delegation to Brazil & Buyers-Sellers Meeting, Sao Paulo, Belo Horizonte & Manaus, Brazil

**Participation in International Auto Shows**

September 17-27, 2009 Group Participation at 63rd International Motor Show (IAA – Passenger Cars) Frankfurt, Germany  
 November 11-14, 2009 4th Tehran International Auto Parts Fair, Tehran, Iran

**Specialised one-to-one Business Meetings**

April 20-24, 2009 B-2-B meeting with delegation from Songdo Technopark-- Korea, New Delhi & Pune

**Working Group Meetings**

May 4, 2009 First Meeting of the Working Group to Review of McKinsey Study - Vision 2015, New Delhi  
 June 25, 2009 Second Meeting of the Working Group to Review of McKinsey Study - Vision 2015, New Delhi

**Other Programmes**

April 28, 2009 Webinar on Global Automotive Situation-Dangers & Opportunities, by PricewaterhouseCoopers (PwC) Bangalore, Chennai, Jamshedpur, Mumbai, New Delhi, Pune (\*)

**New Initiatives**

June 11- 12, 2009 ACMA-CBI Training programme on Tools in coping with the economic downturn-Focus EU, New Delhi  
 July 2-10, 2009 ACMA-CBI Training with specific attention to Market Access Requirements for EU Delhi, Pune & Chennai (\*)  
 September 2, 2009 1st IPO Suppliers Conference, New Delhi  
 December 12, 2009 Workshop on Negotiation Skills conducted by Professor Stuart Diamond of The Wharton Business School, Gurgaon

**Human Resource Committee**

December 12, 2009 Seminar on "Performance Excellence Through People Processes", Pune (\*)  
 March 17, 2010 Seminar on "Performance Excellence Through People Processes", New Delhi (\*)

**IT Committee**

April 6, 2009 ACMA-NASSCOM IT Core Group meeting between the partners via Tele- Conference, New Delhi  
 April 23, 2009 ACMA-NASSCOM IT Core Group meeting via Tele- Conference, New Delhi  
 June 11, 2009 Internal Meeting of ACMA IT Core Group, New Delhi  
 July 23, 2009 ACMA IT Core Group Meeting, New Delhi  
 August 11, 2009 ACMA-NASSCOM IT Core Group meeting via Tele-Conference, New Delhi  
 August 27, 2009 Internal Meeting of ACMA IT Core Group via Tele-Conference, New Delhi  
 October 8, 2009 Internal Meeting of ACMA IT Core Group via Tele-Conference, New Delhi  
 February 18, 2010 Pilot Project Review Meeting of ACMA-NASSCOM IT Core Group via Tele-Conference, New Delhi  
 March 22, 2010 Teleconference among ACMA and NASSCOM Secretariat for Pune Event via Tele-Conference, New Delhi  
 April 6, 2010 ACMA NASSCOM IT Even, Pune

**Raw Materials Committee**

July 28, 2009 Seminar on New Technologies in Plastics in the Automotive Industry, Pune  
 July 28, 2009 ACMA Raw Material Committee Meeting, Pune

**New Initiative**

Commodity Prices Bulletin (Monthly)

**Skill Development Committee**

December 14, 2009 Meeting for Automotive Skills Council, New Delhi  
 December 22, 2009 Meeting for Automotive Skills Council, New Delhi  
 February 5, 2010 Visit to Toyota Technical Training Institute by ACMA Committee for Skill Development, Bangalore  
 February 5, 2010 First Meeting of the ACMA Committee for Skill Development, Bangalore

**SME Committee**

May 14, 2009 SME Seminar on 'Industry Partnership through Joint Ventures', New Delhi (\*)  
 October 30, 2009 SME Seminar on 'Industry Partnership through Joint Ventures', Chennai (\*)  
 October 30, 2009 SME Committee Meeting, Chennai

## Sustainable Technology Development Committee

December 3, 2009 Visit to Harita Seating Systems, Hosur (\*)

## Trade Fairs Committee

January 5-11, 2010 10th Auto Expo 2010, New Delhi  
 January 7, 2010 Investment Opportunity: An Interactive Session with State Governments, New Delhi  
 January 5, 2010 Luncheon Meeting with Mr. Klaus Braunig, Managing Director, VDA, New Delhi  
 January 6, 2010 Delegation from Japan Travel Bureau, New Delhi  
 January 7, 2010 Globalisation & India Brand Building Committee Meeting, New Delhi  
 January 8, 2010 Meeting with FIEV (ACMA MoU Partner in France), New Delhi  
 January 9, 2010 Luncheon meeting with Webasto AG, Germany  
 January 9, 2010 Meeting with AIN Global (Invitation for participation at Korea Automotive Show), New Delhi  
 January 9, 2010 Meeting with delegation from UIT (ACMA MoU Partner in Italy), New Delhi  
 January 11, 2010 Meeting with delegation from UBI, France, New Delhi

## Young Business Leaders' Forum

August 22, 2009 Workshop on Next Generation Leadership - Strategies for family run businesses, by Mr. Sanjay Upendram (ex-KPMG), Co-founder Amarthi Consulting, New Delhi  
 November 13-14, 2009 Two day ACMA - YBLF visit to:- a) Mercedes-Benz India Pvt Ltd. b) Force Motors c) Associated Manufacturing Company d) Interactive Session on Entrepreneurship with Mr. Atul Chordia, Chairman & C.E.O, Panchshil Realty, Pune  
 January 15, 2010 Visit to Maruti Suzuki India Ltd, Manesar facility & Interaction with Mr Arvind Kapur, Chairman, ACT & MD, Rico Auto Industries Ltd., Manesar & Gurgaon

## ■ Regions

### Eastern Region

#### Building Competencies

May 5, 2009 One Day Workshop on 7 QC Tools, Jamshedpur  
 June 10, 2009 Seminar on Waste Elimination, Jamshedpur  
 July 7, 2009 Talk on Theory of Constraints-How well to use it for SMEs, Jamshedpur  
 August 28, 2009 One day seminar on Welding Technology and Safety Processes, Jamshedpur  
 October 13, 2009 One day seminar on Kaizen implementation, Jamshedpur  
 November 12, 2009 Workshop on Welding Technology, Kolkata  
 December 11, 2009 Seminar on New Developments in Cutting Tools, Jamshedpur  
 February 24, 2010 ACMA President & Vice-President's interaction with the Eastern Region members, Jamshedpur

#### Government Interactions

October 28, 2009 Meeting with Mr.N.N.Singh, Industry Secretary, Dept. Of Industry-Jharkhand, Ranchi

#### OEM Interactions

September 10, 2009 Interaction with Tata Motors Ltd., Jamshedpur  
 January 29, 2010 CEOs visit To Tata Motors Ltd., Lucknow

#### Regional Council Meeting

July 7, 2009 Third Meeting of the Regional Council (2008-09), Jamshedpur  
 September 10, 2009 First Meeting of the newly formed Regional Council (2009-10), Jamshedpur  
 February 24, 2010 Second Meeting of the Regional Council (2009-10), Jamshedpur

### Northern Region

#### Building Competencies

April 14-15, 2009 Workshop on Geometric Dimensioning and Tolerancing (GD&T), New Delhi  
 April 24-25, 2009 Module V of 9th Batch of Six Sigma Black Belt Certification Programme, New Delhi  
 April 25, 2009 Certification Ceremony of the 9th Batch of Six Sigma Black Belt Programme, New Delhi  
 April 29, 2009 Training Programme on Daily Work Management, New Delhi  
 May 15, 2009 Workshop on 7 QC Tools, New Delhi  
 June 12, 2009 Training Programme on Poka Yoke and SMED, New Delhi  
 August 1, 2009 6th Quality Circle Competition (Northern Region), New Delhi  
 August 19, 2009 Launch & Module I of 10th Batch of Six Sigma Black Belt Certification Programme, New Delhi  
 October 9, 2009 Training Programme on QC Circles, New Delhi  
 October 19-22, 2009 Module II of 10th Batch of Six Sigma Black Belt Certification Programme, New Delhi  
 October 28, 2009 Training Programme on Enhancing Supervisory Skills, New Delhi  
 November 25, 2009 Training Programme on Daily Work Management, Ludhiana

November 25-27, 2009	Module III of 10th Batch of Six Sigma Black Belt Certification Programme, New Delhi
December 17-19, 2009	Launch & Module I of 3rd Batch of Six Sigma Green Belt Certification Programme, New Delhi
December 23, 2009	Members Meeting with ACMA President & Vice President, New Delhi
January 18-20, 2010	Module IV of 10th Batch of Six Sigma Black Belt Certification Programme, New Delhi
February 8-9, 2010	Module II of 3rd Batch of Six Sigma Green Belt Certification Programme, New Delhi
February 23-24 2010	Module V of 10th Batch of Six Sigma Black Belt Certification Programme, New Delhi
February 24, 2010	Certification Ceremony of Six Sigma Green Belt & Black Belt Programme, New Delhi
March 12, 2010	Training Programme on Poka Yoke, New Delhi

**Export Drive Initiatives**

April 23, 2009	One-to-One Business Meetings with Korean Delegation, New Delhi
March 16, 2010	One-to-One Business Meeting with Foton Delegation, New Delhi

**OEM Interactions**

December 23, 2009	Interaction with Mr. R.C. Bhargava, Chairman, Maruti Suzuki India Ltd., New Delhi
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**Regional Council Meeting**

October 16, 2009	First Regional Council Meeting (2009-10), New Delhi
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**Other Programmes**

April 22, 2009	Interaction with Mr. Mukul Pandaya, Chief Editor, Knowledge@Wharton, New Delhi
December 8, 2009	Members Meeting with Mr. James E. Smith, President, SAE, New Delhi
January 8, 2010	ACMA Invitational Golf Tournament during Auto Expo 2010, Greater Noida

**New Initiatives**

May 29, 2009	Training Programme on Goal Setting & Motivation, New Delhi
December 2, 2009	Training Programme on Enhancing Competitiveness through Quality & Customer Satisfaction, New Delhi
December 11, 2009	Training Programme on Value Stream Mapping, New Delhi

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

April 17, 2009	Workshop on SMED at NTTF Industries Ltd., Bangalore
April 30, 2009	Visit to & Presentation on R&D by Wheels India Ltd., Chennai
April 30, 2009	Interaction of ACMA members, with SAP Labs, Bangalore
May 28, 2009	Certification Ceremony of the 6th Batch of Six Sigma Training programme, Chennai
May 29, 2009	Workshop on Team Building, Chennai
May 29, 2009	Workshop on Productivity Improvement through Waste Elimination, Bangalore
June 13, 2009	Visit to Sundaram Clayton Ltd. Hosur on TPM Practices, Hosur
June 13, 2009	1st Six Sigma Black Belt Programme – ACMA (SR- Karnataka & Hosur) Certification Ceremony, Bangalore
June 24, 2009	Workshop on Kaizen & Poka Yoke & visit to Wabco TVS Ltd., Chennai
July 11, 2009	4th Quality Circle Competition, Bangalore
July 18, 2009	Presentation on Latest Trends in Product Life Cycle Management (PLM), Bangalore
July 24, 2009	Conference on De-Risking Exports, Chennai
October 10, 2009	Robert Bosch shares their production monitoring systems and solutions with ACMA Members, Bangalore
October 28, 2009	ACMA (SR)-ACT-ACMA IT Committee Special ERP event for ACMA SMEs featuring Openbravo, Bangalore
October 29, 2009	Launch of 7th Batch of ACT-ACMA Six Sigma Training Programme & Module-1, Chennai
October 30, 2009	ACMA (SR) & SME Committee Seminar on Industry Partnership through Joint Ventures, Chennai
December 3, 2009	Delegation to Harita Seating Systems Ltd., Hosur on Energy Conservation along with the Sustainable Technology Development Committee
December 7-9, 2009	ACT-ACMA Launch of 2nd Batch of Six Sigma Training Programme, Bangalore
December 21-24, 2009	Module-II of ACT-ACMA Six Sigma Training Programme, Chennai
January 20, 2010	Training Programme on 5S, Sundaram Clayton Ltd., Chennai
January 21, 2010	ACMA (SR) Delegation to IMTEX Forming & Tooltech 2010, Bangalore
January 21-23, 2010	Module-III of ACT-ACMA Six Sigma Training Programme, Chennai
January 29, 2010	Workshop on Poka Yoke & Kaizen, Bangalore
February 1-4	Module-2 of 2nd Batch ACMA (SR) Six Sigma Training Programme, Chennai
March 1-3, 2010	Module-4 of 7th Batch ACMA (SR) Six Sigma Training Programme, Chennai
March 4-5, 2010	Validation visit for Six Sigma Training Programme, Chennai
March 3-4, 2010	Sharing of Best Practices visit to Delphi-TVS Diesel Systems and Minda Industries, Uttarakhand
March 15-17, 2010	Module-3 of 2nd Batch ACMA (SR) Six Sigma Training Programme, Bangalore

**Export Drive Initiatives**

July 24, 2009	Conference on De-Risking Exports, Chennai
November 27, 2009	Luncheon Meeting with Port of Halifax, Chennai
March 22, 2010	Meeting with Foton Delegation, Chennai
February 23, 2010	Participation in Networking Dinner with the visiting Australian Delegation, Chennai

**Government Interactions**

May 28, 2009	Meeting with Mr. M.F. Farooqui, Secretary Industries Department, Govt. of Tamil Nadu, Chennai
June 4, 2009	Meeting with Finance Commission Delegation, Chennai
September 8, 2009	Meeting with MSME Additional Chief Secretary, Tamil Nadu on update on Demands Presented to Deputy Chief Minister for the MSME Sector, Chennai
September 11, 2009	Meeting with Mr. M.F. Farooqui, Principal Secretary Industries, Government of Tamil Nadu on update on the State of the Industry, Chennai
September 15, 2009	Participation at the Sub-Committee meeting on Automobile & Aerospace Sector for the Global Investors Meet being organised by the Karnataka Council for Technological Upgradation, Government of Karnataka, Bangalore
September 19, 2009	Participation at the Interaction with the Hon'ble Finance Minister and his team organised by CII, Bangalore
October 19, 2009	Meeting with Principal Secretary Energy Department, Government of Tamil Nadu, Chennai
November 12, 2009	Meeting with Additional Chief Secretary – MSME for inputs on Export Promotion Policy, Chennai
November 19, 2010	Interaction with Mr. M.F. Farooqui, Principal Secretary Industries, Government of Tamil Nadu along with the Office Bearers and Members of Tamil Nadu of ACMA, Chennai
November 19, 2010	Interaction with Mr. V.P. Baligar, Principal Secretary Commerce & Industries, Government of Karnataka along with the Office Bearers and Members of Karnataka & Hosur of ACMA, Bangalore
November 30, 2009	Interaction with Dr. P.V. Ramesh (IAS), Commissioner Industries, Commerce & Export Promotion, Govt. of Andhra Pradesh, Hyderabad
January 13, 2010	Meeting with Mr. Rajeev Ranjan (IAS), Principal Secretary-Industries, Govt. of Tamil Nadu, Chennai
February 20, 2010	Pre-Budget recommendation meeting with Chief Minister of Karnataka, Bangalore
February 22, 2010	Meeting on Tamil Nadu Sectoral Auto Policy called by the Guidance Bureau, Govt. of Tamil Nadu, Chennai
March 20, 2010	Meeting with Shri V P Baligar, IAS, Principal Secretary, Commerce & Industries Department, Government of Karnataka, Bangalore

**Monthly Meetings**

April 18, 2009	7th Monthly Meeting of Members of Karnataka & Hosur, Bangalore
April 30, 2009	6th Monthly Meeting of Members of Chennai & Nearby, Chennai
May 28, 2009	7th Monthly Meeting of Members of Chennai & Nearby Chennai, Chennai
June 13, 2009	8th Monthly Meeting of Members of Karnataka & Hosur, Hosur
July 18, 2009	9th Monthly Meeting of Members of Karnataka & Hosur, Bangalore
August 8, 2009	10th Monthly Meeting of Karnataka & Hosur Members, Bangalore
October 10, 2009	1st Monthly Meeting of Karnataka & Hosur Members, Bangalore
October 14, 2009	1st Monthly Meeting of Chennai & Nearby Members, Chennai
November 19, 2009	2nd Meeting of Karnataka & Hosur Members, Bangalore
December 12, 2009	3rd Meeting of Karnataka & Hosur Members, Bangalore
February 5, 2010	4th Monthly Meeting of Karnataka & Hosur Members, Bangalore
March 6, 2010	5th Monthly Meeting of Karnataka & Hosur Members, Bangalore

**OEM Interactions**

August 8, 2009	Presentation on Expectations of an OEM from its supply chain by Mr. M. N. Varadarajan, Vice President – Materials, TVS Motor Company Ltd. Bangalore
October 9, 2009	Visit to and interaction with Ashok Leyland Ltd. and TVS Motor Company Ltd., Hosur
February 6, 2010	Interaction with Mr. Chetan Maini, Deputy Chairman & CTO Reva Electric Car Company Pvt. Ltd., Bangalore
March 3-4, 2010	Visit to & interaction with Tata Motors Ltd. & Mahindra & Mahindra Ltd., Uttarakhand

**Other Programmes**

July 30, 2008	Meeting with Research Team from IIM, University of Stuttgart and JETRO, Bangalore
September 22, 2009	Discussion with the Technical and Further Education (TAFE) mission, Victorian Government, Australia, Chennai
October 6, 2009	Presentation to the TRIUM EMBA Students, Chennai
November 17, 2009	Presentation at the Malaysian Marketing Mission for Automotive Related Products & Services to Chennai, Chennai
November 9, 2009	An informal discussion on the Industrial Scenario situation in the Country, Bangalore
November 19, 2009	Interaction of ACMA President & Vice President with Members in the Southern Region, Chennai & Bangalore
November 30, 2009	Interaction with Members in Andhra Pradesh, Hyderabad
December 12, 2009	Presentation on IR – the TVS Way by Mr. S Thiagarajan, Former President, Harita Seating Systems, Bangalore
February 5, 2010	ACMA Invitational Golf Tournament, Bangalore

**Regional Committee Meeting**

September 10, 2009 1st Meeting of the Regional Committee (2009-10) via Teleconference, Chennai

**New Initiatives**

August 12, 2009 1st Kaizen Contest and Competition, Chennai  
 November 30, 2009 Interaction with Dr. P.V. Ramesh (IAS), Commissioner Industries, Commerce & Export Promotion, Govt. of Andhra Pradesh, Hyderabad

**Western Region****Building Competencies**

April 17, 2009 Training Programme on Improving Productivity through Waste Elimination, Pune  
 May 26, 2009 Workshop on 7QC Tools, Pune  
 June 24, 2009 Workshop on 5S Housekeeping Improvement, Pune  
 July 17, 2009 4th Quality Circle Competition, Pune  
 August 21, 2009 4th National Quality Circle Competition, New Delhi  
 September 30, 2009 Workshop on Kaizen for Business Transformation, Pune  
 October 24, 2009 Training Programme on Attitudinal Change, Pune  
 November 16, 2009 Training Programme on Low Cost Automation, Pune  
 February 20, 2010 2nd SMED Competition, Pune  
 March 19, 2010 Workshop on Workplace Improvement through Team Building, Pune

**Export Drive Initiatives**

April 22, 2009 One-to-One Business meeting with Delegation from Korea, Pune  
 August 10, 2009 Meeting with US Congressional Staff delegation, Mumbai  
 November 19, 2009 WR Members Meeting with Delegation from Malaysia, Pune  
 February 19, 2010 ACMA WR Members' interaction with Australian Delegation, Pune  
 March 23, 2010 Meeting with Foton Motor Co. Ltd., China, Mumbai

**OEM Interactions**

January 19, 2010 CEOs visit to & interaction with General Motors India Pvt. Ltd., Halol  
 March 12, 2010 CEOs Visit to & Interaction with Volkswagen India Pvt Ltd., Chakan

**Regional Council Meeting**

April 23, 2009 Meeting of the Western Region Committee (2008-09), Mumbai  
 May 12, 2009 Meeting of the Western Region Committee (2008-09), Mumbai  
 July 8, 2009 Meeting of the Western Region Committee (2008-09), Mumbai  
 September 16, 2009 1st Meeting of the Western Region Committee (2009-10), Mumbai  
 October 15, 2009 2nd Meeting of the Western Region Committee (2009-10), Mumbai  
 November 23, 2009 3rd Meeting of the Western Region Committee (2009-10), Mumbai  
 December 24, 2009 4th Meeting of the Western Region Committee (2009-10), Mumbai

**Other Programmes**

June 15, 2009 ACMA WR & ACT Meeting on Proposal for re-structuring the existing training programmes, Mumbai  
 August 7, 2009 Visit to & Interaction with XLO India Ltd., Nashik  
 August 7, 2009 Meeting of Members in Nashik Zone, Nashik  
 November 11, 2009 Visit to & interaction with Hindustan Hardy Spicer Ltd., Nashik  
 December 8, 2009 WR Members meeting with ACMA President & Vice President, Pune  
 March 2, 2010 ACMA WR Members' Participation at Presentation by Ernst & Young on Union Budget 2010-2011 & Implications on the Auto Component Sector, Mumbai  
 March 12, 2010 CEOs Visit to & Interaction with Varroc Engineering Pvt. Ltd., Chakan  
 Circulation of Press Reports on Automotive Industry (Fortnightly)

**New Initiatives**

January 21, 2010 Meeting of ACMA WR CEOs Forum, Pune  
 March 10, 2010 Workshop on WP-29, Pune  
 Circulation of QCC Proceedings

## ■ ACT Division

### ACMA Awards 2008-09

July 1, 2009	First ACMA Awards Jury Meeting 2008-09, New Delhi
July 8 -25, 2009	Plant Visit to short listed companies in ACMA AWARDS 2008-09, under Q & P (SME- Non SME) and Manufacturing Excellence category.
August 13, 2009	ACMA Awards Final Jury Meeting 2008-09, New Delhi
February 23, 2010	ACMA Awards 2009-10 Circular released inviting members' participation, New Delhi

### ACT-AOTS

July – August- 29th -11th	ACT- AOTS Training program on Production Management (INAC)- Japan
November 6-7, 2009	ACT-AOTS Programme on Productive Maintenance, New Delhi
November 10-11, 2009	ACT-AOTS Programme on Productive Maintenance, Aurangabad
January 14-15, 2010	ACT-AOTS Training Programme on Lean Machine Systems, New Delhi
January 18-19, 2010	ACT-AOTS Training Programme on Lean Machine Systems, Bangalore

### ACT Now

May 19, 2009	Release of 7th Issue of ACT Now, New Delhi
September 3, 2009	Release of 8th Issue of ACT Now, New Delhi
January 10, 2010	Release of 9th Issue of ACT Now, New Delhi

### Cluster Approach

April 27, 2009	19th MRM of ACT Advance Cluster in Sandhar Auto Components Ltd., Manesar
April 29-30, 2009	4th CRM of ACT Advance Cluster in KPIT Cummins Infosystems Ltd., Tata Johnson Controls Automotive Ltd. and ARAI, Pune
May 25, 2009	13th MRM of ACT Cluster IV (Western Region), Wheels India Ltd., Pune
May 29, 2009	14th MRM of ACT Cluster IV (Southern Region), Indo Shell Mould Ltd., Coimbatore
May 30, 2009	Closing of 1st ACT Advance Cluster and Launch of 2nd ACT Advance Cluster, Chennai
June 5, 2009	Launch of 3rd ACT SME Cluster (Northern Region) at Stork Auto Ltd., Manesar
June 15, 2009	16th MRM of ACT Cluster IV (Southern Region) in Minda Sai Ltd., Chennai
June 25, 2009	16th MRM of ACT Cluster IV (Western Region) in Munjal Auto Industries Ltd., Vadodara
June 30, 2009	16th MRM of ACT Cluster IV (Northern Region) in Pinnacle Industries Ltd., Indore
July 22, 2009	Closing of ACT SME Cluster in Western Region, Nasik
July 31, 2009	17th MRM of ACT Cluster IV (Northern Region) in Raunaq Automotive Components Ltd., Gajraula
August 4, 2009	17th MRM of ACT Cluster IV (Western Region) in Bharat Gears Ltd., Mumbra
August 12, 2009	17th MRM of ACT Cluster IV (Southern Region) in Indo Shell Mould Ltd., Coimbatore
September 4, 2009	Closing of ACT Cluster IV and the Launch of ACT Cluster V, Gurgaon
November 11, 2009	1st MRM of ACT Cluster V (Northern Region) in Bharat Gears Ltd., Faridabad
November 12-13, 2009	2nd Cluster Summit in New Delhi.
November 14, 2009	1st MRM of ACT Cluster V (Western Region) in VE Commercial Vehicles Ltd., Madhya Pradesh
November 20, 2009	1st MRM of ACT Cluster V (Southern Region) in Wabco-TVS India Ltd., Chennai
November 21, 2009	1st MRM of ACT Advance Cluster 2, PHA India Pvt. Ltd., Chennai
December 12, 2009	2nd MRM of ACT Cluster V (Southern Region), Wheels India Ltd., Chennai
December 15, 2009	2nd MRM of ACT Cluster V (Western Region) in ZF Steering Gear (India) Ltd., Pune
December 18, 2009	2nd MRM of ACT Cluster V (Northern Region) in Escorts Ltd., Faridabad
December 19, 2009	2nd MRM of ACT Advance Cluster-2 in Sandhar Automotives, Gurgaon
January 11, 2010	3rd MRM of ACT Cluster V (Northern Region) in Magnum Tubes and Strips, Gurgaon
January 16, 2010	3rd MRM of ACT Cluster V (Western Region) in Mahindra Gears & Transmissions Pvt. Ltd., Rajkot
January 20, 2010	3rd MRM of ACT Advance Cluster-2 in Bharat Gears Ltd., Mumbra
January 28, 2010	3rd MRM of ACT Cluster V (Southern Region) in Aradhya Steel Pvt. Ltd., Davangree
February 8, 2010	Plant Visit to WABCO-TVS (India) Ltd. and I P Rings Ltd. as part of ACT Advance Cluster-II Road Map, Chennai
February 10, 2010	Closing Ceremony of 2nd ACT-SME Cluster, Manesar
February 24-25, 2010	1st CRM of ACT Cluster-V in Sandhar Roloforms and Sandhar Automach, Bangalore
March 6, 2010	Launch of 1st ACT SME Cluster in Southern Region, Bangalore
March 10, 2010	4th MRM of ACT Cluster-V in SETCO Automotive Ltd. (Northern Region), Sitarganj
March 19, 2010	4th MRM of ACT Cluster-V in WABCO-TVS (India) Ltd. (Southern Region), Chennai
March 22, 2010	4th MRM of ACT Cluster-V in Sanjeev Auto Parts Manufacturers Private Ltd. (Western Region), Aurangabad
March 29, 2010	4th MRM of ACT Advance Cluster-II in Rockman Industries Pvt. Ltd., Ludhiana

### Environmentally Friendly Vehicle (EFV) Conference

September 4, 2009	Environmentally Friendly Vehicle Conference – Meeting of the Apex Advisory Committee in Ministry of Heavy Industries, New Delhi
November 23-24, 2009	4th Environmentally Friendly Vehicle Conference & Exposition organised by Ministry of Heavy Industries in cooperation with ACMA, New Delhi

### Fraunhofer, Germany

May 25-27, 2009	2nd CAR-Fraunhofer Workshop, Dresden, Germany
September 23-25, 2009	1st Technology Development Mission to Fraunhofer, Germany Mannheim, Nuernberg, Dresden
October 15, 2009	Follow-up Meeting of Technology Development Mission to Fraunhofer Institutes, Germany to decide the future road map and action plan, New Delhi
January 6, 2010	Interaction with Dr. Polter, Advisor to President, Fraunhofer, New Delhi
March 23, 2010	One Day Conference on Light Weighting with Fraunhofer, Germany, New Delhi

### MIT, U.S.A.

September 4, 2009	EC members' Interaction with Prof. Charles Fine, Professor- MIT, U.S.A, on Light weighting, New Delhi
December 1-4, 2009	MIT Executive Leadership Programme, Goa

### SIX SIGMA CLUB

June 26, 2009	5th Meeting of Six Sigma Club Executive Committee (2009-10), New Delhi
July 11, 2009	2nd National Six Sigma Competition, New Delhi
October 29-30, 2009	4th Batch of Six Sigma Refresher Course, New Delhi
February 18, 2010	6th Meeting of Six Sigma Club Executive Committee (2009-10), New Delhi
March 25, 2010	7th Meeting of Six Sigma Club Executive Committee (2009-10), New Delhi

### TIFAC

June 10, 2009	ACMA AI. Die Casting Core Group Meeting with TIFAC, New Delhi
June 23, 2009	1st CAR Expert Panel Meeting on Automotive Electronics and Control Systems, New Delhi
October 14, 2009	E-foundry project- meeting with ACMA core group and TIFAC, New Delhi
October 23, 2009	2nd CAR- Fraunhofer Project development meeting regarding S3C (Software standards for Small computers) project, New Delhi
November 26, 2009	AI. Die Casting Project meeting on evaluation of proposals by CAR Panel - Rapid moulding & casting technologies and E-Foundry (Online Casting Simulation), Chennai
January 28, 2010	3rd Meeting on CAR- Fraunhofer Project development meeting regarding S3C, New Delhi
May 24, 2010	Meeting of Cess Committee, MOHI, regarding financials of Rapid moulding & casting technologies and E-Foundry (Online Casting Simulation), New Delhi

### WP29

July 23-26, 2009	148th Session of WP29 (World Forum for Harmonization of Vehicle Regulation), Geneva
November 10-13, 2009	149th Session of WP29 (World Forum for Harmonization of Vehicle Regulation), Geneva
March 9-12, 2010	150th Session of WP29 (World Forum for Harmonization of Vehicle Regulation), Geneva

### OTHER PROGRAMMES

October 21-23, 2009	2nd JASIC and India Information Exchange Forum, Japan
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### NEW INITIATIVES

March 27, 2010	Release of the 1st Edition of 5S - The Way of Life, New Delhi
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(\*) - Organised by Respective Regions

# Golden Jubilee Session & 49<sup>th</sup> Annual Session & National Conference on “Looking Beyond the Global Recession” New Delhi

September 3, 2009

**ACMA completes 50 Glorious years of service to the Indian Automotive Component Industry**

**A** CMA Golden Jubilee & 49th Annual Session and National Conference, the largest annual gathering of giants from automotive industry, senior government policy makers, officials from diplomatic corps and other dignitaries, was held on September 3, 2009. The theme for the Annual Session 2009 was “Looking Beyond the Global Recession”.

The Annual Session was inaugurated by the Chief Guest, Mr. Vilasrao Deshmukh, Hon'ble Minister for Heavy Industries & Public Enterprises (MoHI&PE), Government of India. Mr. J. S. Chopra, President, ACMA & President, Delphi-TVS Diesel Systems, highlighted the three key challenges for the industry viz. Globalisation, Technology Trends, and Manufacturing Capacity. He thanked Government for the very quick action taken to pull the automotive industry out of recession and also for having maintained the positive interests of the industry while negotiating FTAs.

Mr. Raghu Mody, Past-President & Chairman-Golden Jubilee Celebrations, ACMA, & Chairman, Hindustan Composites Ltd., said, inspite of global recession the industry has enough work for next 20 years to make, plan into a definite success. Mr. Mody gave insight into ACMA's journey of the last 50 years. Half a century of existence is a memorable landmark and key milestone for any organisation.

The Chief Guest, unveiled the Golden Jubilee Logo of ACMA. Audio Visual on ACMA and background to awarding of Visionaries was viewed by the guests.

The MoHI&PE is examining the feasibility of setting up a specialised scheme for viable financing of SMEs in the auto-component sector, disclosed by Mr. Vilasrao Deshmukh. He conveyed his best wishes to ACMA and stated the importance of the Annual Session as it marked ACMA's Golden Jubilee celebration. He complimented the industry



The Chief Guest unveiling the ACMA Golden Jubilee Logo



Mr. Vilasrao Deshmukh addressing the audience at the National Conference



Mr. Brij Mohan Lal Munjal being presented the Visionary Memento



Dr. Pawan Goenka receiving the Visionary Memento on behalf of Mr. Keshub Mahindra



Dr. V Krishnamurthy being presented the Visionary Memento

for displaying a positive attitude during the recession. Commenting on the global partnerships built by the MoHI&PE, Mr. Deshmukh said that ACMA and SIAM would have a key role to play in the deliberations of the Indo-German Joint Working Group, set up by the Ministry earlier that year. He also urged the industry to develop sustainable competitive advantage through greater investments, better technologies, skill development and modernisation of manufacturing processes.

Mr. Vilasrao Deshmukh, also complimented ACMA for choosing the momentous occasion to honour six pioneers of the Indian automotive industry. The following visionaries were felicitated for their tremendous contribution:

- Mr. Brij Mohan Lal Munjal (Chairman, Hero Group)
- Mr. Keshub Mahindra (Chairman, Mahindra & Mahindra Group) : Dr. Pawan Goenka, President-Automotive sector, Mahindra & Mahindra received the award on his behalf.
- Dr. V Krishnamurthy (Chairman, National Manufacturing Competitiveness Council and Founder Chairman- Maruti Suzuki India Ltd.)
- Mr. Rahul Bajaj (Chairman and Managing Director, Bajaj Auto)
- Mr. Ratan N Tata (Chairman, Tata Group) : Mr. P M Telang, Managing Director, Tata Motors Ltd. received the award on his behalf.
- Mr. A Sivasailam (Chairman – Amalgamations Group)

Mr. Jayant Davar, VP, ACMA, at the session stated, India was still not a common single market as it continued to apply taxes on inter state movement of goods.

At the National Conference, the keynote address was given by Prof. Charles Fine, Professor of Management, MIT. He said that the most appropriate strategy for India to deal with the recession was to "Innovate". Prof. Fine felt that low cost could not remain a long term competitive advantage for Indian industry and the only long term strategy would have to be based on R&D and Innovation. He delineated a road map for India to gain global competitive advantage in the automotive industry in "lightweighting of vehicles".

During the Annual Session & National Conference, the Guest of Honour, Mr. Venu Srinivasan, President, CII, said that, with the development of Indian designed vehicles, like Nano and Xylo, India had proved to the world that it had the capability to offer excellent engineering products at low cost." He said that import



Mr. P. M. Telang received the Visionary Memento on behalf of Mr. Ratan Tata



Mr. A. Sivasailam being presented the Visionary Memento



Prof. Charles Fine addressing the audience at the National Conference



Mr. Rahul Bajaj being presented the Visionary Memento



Mr. Venu Srinivasan addressing the audience



Dr. Satyanarayana Dash being presented ACMA Memento

competition would be one of the biggest challenges. Already India was a very import friendly country with Imports of auto-components being more than exports, and with the FTAs, imports would become even easier. The other big challenge would be issues revolving around Climate change which would have a wide impact on humanity as a whole. However, this would also offer a large number of new business opportunities for industry.

Speaking at the occasion, the Chief Guest at the National Conference, Dr. Satyanarayana Dash, Secretary (Heavy Industry), MoHI&PE, said that the industry should focus on Investing in Skill Development and on Innovation to sustain their competitive advantage. He said that the future of the automotive industry was in small and compact cars and India had the potential of emerging as the global hub for small cars. He urged the industry to focus on alternate and environmental friendly automotive technologies.



Mr. Gianni Coda addressing the audience at the National Conference

During the Conference, the session speaker Mr. Gianni Coda, CEO, Fiat Group Purchasing, Italy, presented the Fiat Group global sourcing policy and informed about the opportunities for the auto sector to supply to Fiat.

Mr. Stephen D'Arcy, Global Automotive Leader, PwC, U.S.A., covered the details of sales and assembly outlook for vehicles in the United States and EU along with regional outlook.



Mr. Stephen D'Arcy addressing the audience



Mr. Michael Robinet addressing at the National Conference

Mr. Michael Robinet, VP - Global Vehicle Forecast, CSW Worldwide, U.S. spoke about the unprecedented structural changes that are taking place and went on to give the expected vehicles market till 2015.

Mr. Paul Markwick, CEO, VCA, U.K. touched upon global warming, climate change and the impact this critical area of concern could have on the overall prospects of the automotive industry.



Mr. Paul Markwick addressing the audience



ACMA Past Presidents at the National Conference

## ACMA Awards for Excellence 2008-09

### Exports

#### NON-SME Category

Gold Trophy	:	Bharat Forge Ltd.
Silver Trophy	:	Precision Camshafts Ltd.
Bronze Trophy	:	Sundram Fasteners Ltd.

#### SME Category

Gold Trophy	:	Abilities India Pistons & Rings Ltd.
Silver Trophy	:	Hindustan Hardy Spicer Ltd.
Bronze Trophy	:	Aditya Auto Products & Engineering (I) Pvt. Ltd.

### Technology

#### NON-SME Category

Gold Trophy	:	Mindarika Pvt. Ltd.
Silver Trophy	:	Shriram Pistons and Rings Ltd.
Bronze Trophy	:	Lumax DK Auto Industries Ltd.

#### SME Category

Certificate of Merit	:	Aditya Auto Products & Engineering (I) Pvt. Ltd.
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### Quality & Productivity

#### NON- SME Category

Gold Trophy	:	Lumax DK Auto Industries Ltd., Pantnagar
Silver Trophy	:	Ucal Fuel Systems Ltd., Puducherry
Bronze Trophy	:	The Supreme Industries Ltd., Bhiwadi

#### SME Category

Gold Trophy	:	Abilities India Pistons & Rings Ltd., Ghaziabad
Silver Trophy	:	Susira Industries Ltd., Chennai
Bronze Trophy	:	Rucha Engineers Pvt. Ltd., Aurangabad

### Recognition for Manufacturing Excellence

Gold Trophy	:	Wabco-TVS (India) Ltd., Chennai
Silver Trophy	:	Shriram Pistons and Rings Ltd., Ghaziabad Lumax Industries Ltd., Dharuhera
Bronze Trophy	:	Asahi India Glass Ltd., Bawal



ACMA Awards for Excellence

## Executive Committee Meetings

### Fourth Meeting of ACMA Executive Committee 2008-09, New Delhi April 3, 2009

#### Interaction with Mr. Tejpreet Chopra, President & CEO, GE-India, Bangladesh & Sri Lanka

Mr. Tejpreet Chopra made a presentation on "Navigating the Financial Crisis". Touching upon the global slow down, Mr. Chopra mentioned the various causes for the financial meltdown in USA. During his presentation, Mr. Chopra gave pointers on how to keep a company afloat in such financial upheavals.

#### Presentation by ACT Cluster Members

Mr. C Narasimhan, the Quality Guru & the Chief Mentor, ACT and Advisor, Sundaram Clayton Ltd., made a presentation on the Cluster Programme and its relevance in current Industrial scenario. He outlined the strategies for survival and growth in relevance of Cluster programme. This was followed by two case study presentations by the ACT Cluster member companies.

### Fifth Meeting of ACMA Executive Committee 2008-09, Mumbai June 1, 2009

#### Interaction with Volkswagen India Pvt. Ltd.

Continuing with the tradition of organising interactions with vehicle manufacturers, ACMA EC Members had an interaction with Volkswagen India Pvt. Ltd. Mr. K. K. Swamy, VP & MD; Mr. Mahesh Kodumudi, ED-Corporate Purchasing and Mr. Neeraj Garg, Director-Sales & Marketing, VW India. The presentations made by VW team emphasised on Volkswagen's plans, its strategies, supplier evaluation criteria and expectations from the component manufacturers.

#### Interaction with Mr. Harpal Singh, Chairman-CII (NR) and Mentor & Chairman Emeritus, Fortis Healthcare Ltd. on "Nanhi Chhaan Project"

ACMA interacted with Mr. Harpal Singh, Chairman-CII (NR) and Mentor & Chairman Emeritus, Fortis Healthcare Ltd. on the new initiative "Nanhi Chhaan Project" -- a Project on protecting the girl child and preserving the trees. ACMA too can play a vital role in promoting the project "Nanhi Chhaan" by advocating gender equality, by taking up the common issues of environment and by distributing saplings.

### First Meeting of ACMA Executive Committee 2009-10, New Delhi

#### September 3, 2009

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



Interaction with Mr. Tejpreet Chopra



Mr. C. Narasimhan at the 4th EC Meeting



ACMA memento being presented to VW India team



Mr. Harpal Singh receiving ACMA memento

## Second Meeting of ACMA Executive Committee 2009-10, Bangkok November 6, 2009

### ACMA Executive Committee Mission November 3-6 2009, Thailand

ACMA Executive Committee took a delegation to Thailand in November 2009.

During the visit, ACMA EC interacted with Ms. Ajarin Pattanapanchai, Deputy Secretary General, Board of Investments (BOI) of Thailand to get an overview of the Government Policies for the automotive industry. Ms. Achana Limpaitoon, Vice President, Thai Auto-Parts Manufacturers Association (TAPMA) welcomed the delegation and made a presentation on Thailand's Economic Overview. An evening meeting over dinner was organised and hosted by NRB Bearings Ltd. wherein a wide cross-section of the Indian business community in Thailand was present who shared their experiences, challenges, obstacles and positive aspects of setting up businesses in Thailand.

The delegation visited Tata Motors (Thailand) Ltd. to understand establishing a business operation in Thailand and to know the do's and don'ts from them. Mr. Ajit Venkataraman, CEO, along with his senior management team interacted with the delegation. The next plant visit was to a Thai company who has a JV tie-up with Indian auto component manufacturer (JBM) – The Thai Summit Auto Parts Industry Co. Ltd. Mr. Chumpol Rangson, Director--Overseas Operation, made a video presentation on the company.

Meeting with H.E. Mr. Korbsak Sabhavas, Deputy Prime Minister, was arranged by the Indian Embassy. During the meeting, the Deputy Prime Minister stated that India is a very important Trade Partner for Thailand. ACMA President also invited Thai Companies to come into India for JVs & Partnerships. The members visited the Toyota Motor Asia Pacific Engineering & Mfg. Co. Ltd. (TMAP-EM) which is the Purchasing Division of Toyota. The senior officials interacted with the delegation members and guided them to the TPS Simulation Room and were shown the TPS Simulation training processes. The members also visited Yarnapund Public Co. Ltd. (YNP) – A Supplier to Toyota wherein Mr. Kongphan Phanpanit, Executive Co-ordinator Purchasing & Manufacturing, and at Toyota Motor Thailand, Ban Pho Plant. Mr. Suwat Supakandechakul, Dy. General Manager, Plant Administration, gave video presentations on the company.

ACMA EC members' interacted with H.E. Ms. Latha Reddy, Indian Ambassador to Thailand, Mr. Purushottam, Commercial Attache and Mr. Madhukar Asnani, First Secretary-Commerce joined the interaction. During the discussions, EC members raised the issues on bank loans and business visas for the consideration of the Ambassador to take it up with the governments and get the issues resolve.

## Third Meeting of ACMA Executive Committee 2009-10, Bangalore February 6, 2010

### Interaction with Mr. Chetan Maini, Dy. Chairman & CTO, Reva Electric Car Company Pvt. Ltd.

During the Executive Committee Meeting, ACMA organised an Interaction with Mr. Chetan Maini, Dy. Chairman & CTO, Reva Electric Car Company Pvt. Ltd. Mr. Maini made a presentation on "Future of Electric Vehicles".



New President-elect & Vice President-elect, ACMA, at the 1st Meeting of the Re-constituted ACMA EC



ACMA delegates interact with H.E. Ms. Latha Reddy, Indian Ambassador to Thailand



Members at Toyota, Thailand



Interaction with Mr. Chetan Maini

## National Committees

Numerous activities filled-up the year's diary of the National Committees.

### Aerospace, Defence & Railways Committee

To promote awareness within ACMA members of the opportunities and scope offered by the Aerospace, Defence and Railways sectors, the newly formed Committee took several initiatives.

#### Visit to & Interaction with Hindustan Aeronautics Ltd., Bangalore

December 10, 2009

ACMA organised its members visit to Hindustan Aeronautics Ltd. The delegation was led by



Members visit to HAL



Interaction with HAL Team



ACMA Asli-Naqli campaign

Mr. Jatender Mehta, Chairman, Aerospace & Railways and MD, Omax Autos Ltd. This was the first ever delegation of auto component manufacturers in India to HAL. Mr. K. G. Subramony, General Manager (Overhaul Division), Mr. G. S. Gupta, General Manager (Engine Division) Mr. R. Rajan, Senior Manager (PR), Mr. H. S. Nanjundaswamy, Chief Manager-Technical) and other senior officials from HAL joined the interaction. Mr. K. G. Subramony made a Presentation on the overview of HAL and its various divisions and the aircrafts, helicopters and engines that HAL dealt with. He mentioned that the maximum value of HAL exports was from the export of Airbus doors and that there could be a possibility of looking at larger volumes of production with private cooperation in the future. However, most members felt that while the auto component industry is based on volumes, a foray into the aerospace line would require considerable investments. Mr. Subramony also mentioned that they were looking for tier-3 suppliers for sourcing certain components.

The shop floor visit included a visit to the aircraft division (including a visit to the Export Hangar and Hawk Final Assembly shop), the Overhaul division (including Jaguar overhaul shop), the helicopter complex (including the ALH Field Service Hangar), the Foundry and Forge Division (visits to the Central Lab, Precision Forge Shop and Ring Rolling Shop) and the Engine Division with the Adour Assembly Shop, CNC Shop and Test Bed.

### Consumer Affairs & Anti-Counterfeiting

Consumers are often unaware of the fact that a damaged or worn out part being replaced in their vehicle could be spurious. Campaigns on Consumer issues constantly highlight the repercussions of such sub-standard products that directly impede the vehicle performance and more so, pose serious threat to the safety of passengers. Campaigns like Asli-Naqli are not to be missed in the larger canvas of automotive trade fairs like the Auto Expos.

The ACMA Consumer Affairs Committee headed by Mr. Soumitra Bhattacharya, Chairman, Consumer Affairs and Anti-counterfeiting and Senior Vice President, Bosch Ltd., organised a series of programmes for the consumers and all stakeholders at the Auto Expo in January, 2010.

#### ACMA Asli-Naqli campaign

The Asli-Naqli campaign though a regular feature in Auto Expos, was given a new dimension for larger public involvement in Auto Expo 2010.

The show for the first time organised an Asli-Naqli Quiz contest. The campaign that was given a wide publicity before Auto Expo had visits by vehicle users and a fairly large number of engineering graduates, dealers, mechanics, garage owners and the young students almost captivated by the Quiz Contest .

### ACMA Consumer Affairs Committee Meeting, New Delhi

January 6, 2010

At the ACMA Consumer Affairs Committee Meeting, headed by Chairman Consumer Affairs and Anti Counterfeiting, Mr. Soumitra Bhattacharya, discussed the course of action required by members to curb counterfeits in a consolidated manner.

### Seminar on IP Management through Brand Protection, New Delhi

January 7, 2010

A strong IPR strategy and intelligent management of IPRs has potential for far greater value than tangibles'- was the message echoed by President, ACMA, Mr. Jayant Davar; Vice President, ACMA, Mr. Srivats Ram and Chairman, Consumer Affairs and Anti Counterfeiting Committee, Mr. Soumitra Bhattacharya, at the ACMA Seminar on 'IP Management through Brand Protection'. The seminar highlighted the types of IPRs and the basis of protection. Deliberating specifically on the basis of protection of Trade Marks (TMs), Mr. Safir Anand, Senior Advocate, Anand & Anand, spoke on how the use of TMs could vary from country to country, the circumstances under which one can sue for infringement for a registered TM or a non-registered TM, broad principles of comparison and the importance of TMs in mergers and acquisitions. Mr. V Ravi, Senior Joint Registrar, Trade Marks, in his presentation on the general rules and requirements on TMs spoke on the exclusive rights to use the mark in relation to goods and services. Mr. Ravi talked on how the rights to use a trademark were superior to the rights acquired by registration.

In his presentation on some of the FAQs on Copyrights, Mr. G R Raghavendra, Registrar of Copyrights, deliberated on copyright infringement and enforcement of copyright through civil, criminal and administrative remedies. Mr. K R Bhargava, Chief Commissioner, Customs highlighted the obligations under IPR laws, IPR enforcement rules with regard to import of goods suspected to be infringing IPRs and the issues and concerns for effective implementation. Besides participation from ACMA member companies, the seminar also had representation from OEMs including Ford, Honda Motors, Greaves Cotton and GM.

### Economic Affairs, WTO & Knowledge Partner Committee

*ACMA continued to proactively work with the Government of India during the year. A number of discussions with various Ministries and Departments of Government of India were held. Steps taken by the government during the period of economic slowdown helped revive the domestic automotive industry and the auto component industry.*

### Ministry of Heavy Industries and Public Enterprises

Ongoing dialogue with the Ministry of Heavy Industries and Public Enterprises continued on all Government related issues e.g. Fiscal Policy, R&D Policy, International Policy, Skill Development, Technology, etc. The MOHI played a crucial role as a catalyst in fostering the automotive industry.

The Ministry also continued its partnership and formal dialogue with industry through regular meetings of the Development Council for Automobile & Allied Industries (DCAAI).



Visitors at Asli-Naqli



Seminar on IP Management through Brand Protection

The Ministry also took lead in bringing the International Environment Friendly Vehicles (EFV) Conference, to India. This conference was held from 23rd to 24th November 2009, in New Delhi and ACMA was one of the supporting associations for this event.

ACMA's close involvement in the NATRiP project continued through the year.

### Ministry of Commerce & Industry

ACMA continued its close interaction with the Ministry of Commerce and Industry on various issues connected with International Trade Policy and Promotion. It gave specific suggestions pertaining to the Market Linked Focus Product Scheme which were accepted by government.

Intensive dialogue took place on WTO issues like the sectoral approach under NAMA, import of re-manufactured goods, environmental goods, anti concentration clause, etc. ACMA was invited to join the government at the WTO meetings held in Geneva in this regard. ACMA also represented the interests of the Indian auto component sector at the WTO Ministerial held in Geneva in the winter of 2009. Regular consultations also took place on aspects connected to the various FTAs under negotiation, especially on the coverage of the products and the rules of origin.

## Globalisation & India Brand Building Committee

ACMA continued its focus on international business promotion and to build 'India Brand'. This was done through specialised activities which were conducted in the country as well as abroad.

### Expanding International Linkages with Counterparts

#### Meeting with delegation from Thailand--Department of Export Promotion, Ministry of Commerce, Royal Thai Government and Thailand Auto Parts Manufacturers Association (TAPMA), New Delhi

November 18, 2009

A 3-member delegation from Thailand visited India. Mr. Deep Kapuria, Past President & Chairman-Globalisation & India Brand Building, ACMA, briefed the delegates about the Indian delegation visit to Thailand and thanked TAPMA for extending their support. He also mentioned about the delegation meeting with the Dy. Prime Minister of Thailand and stated that he was deeply impressed with his commitment towards India.

India and Thailand are also negotiating a FTA and the Early Harvest Scheme was already implemented a few years ago. In addition the India-ASEAN FTA has also been signed. The delegation invited ACMA to participate at the TAPA show being held in April 2010.

#### Meeting with Mr. Gian Franco Carobonato, President, Unione Industriale Torino New Delhi

December 14, 2009

Mr. Gian Franco Carobonato, President, Unione Industriale Torino (UIT) (ACMA's MoU partner in Italy) visited India with a Ministerial Delegation from Italy from December 13-16, 2009. During his visit, Mr. Carbonato visited the ACMA to discuss ways to strengthen ties between ACMA and UIT and the two countries. Mr. Deep Kapuria, Past President & Chairman-Globalisation and India Brand Building, ACMA, briefed him about the ACMA membership and industry statistics. ACMA proposed to organise Indo-Italy SME Supplier Meet at an appropriate time.

### Incoming Delegations/ Meetings

#### Meeting with delegation from The Netherlands, New Delhi

October 27, 2009

The objective of the delegation visit from The Netherland was to strengthen the economic and commercial relationship between the two countries and to create awareness about what it has to offer to the automotive industry in India in terms of research, development and technology. Mr. Deep Kapuria, Past President & Chairman-Globalisation & India Brand Building, ACMA, highlighted the opportunities that exist by way of creating partnership in both process technology and product technologies between the two countries at the tier 2/3 level. Mr. Arthur Vanhold, Senior Consultant, FIER Automotive thanked Mr. Kapuria for organising the meeting and updating the delegation on the potential opportunities for Dutch-Indian co-operations.



Meeting with APMA



Meeting with TAPMA delegation



Mr. Gian Franco visit to India

## 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. ACMA also sent its views and made specific suggestions to the discussion paper released by the on government the Direct Tax Code. ACMA also highlighted to the Government, the cost disadvantage borne by the industry due to the "external factors" which was eroding the competitive position of the industry. ACMA further continued its close dialogue with NMCC on various issues that have been impacting the industry.

### Meeting with Delegation from Polish Information and Foreign Investment Agency, New Delhi

November 24, 2009

A delegation led by Ms. Bosena Czaja, Vice President, Polish Information and Foreign Investment Agency, visited India with the objective to strengthen the economic and commercial relationship between the two countries. Mr. Deep Kapuria, Past President & Chairman-Globalisation and India Brand Building, ACMA, briefed about the Indian automotive industry & the opportunities.

The presentation by Mr. Robert Seges, Advisor of the Board for Indian market, Polish Information and Foreign Investment Agency, included the challenges and opportunities in the Polish automotive industry. He mentioned that by working closely together it would improve the relationships between both countries bringing more business. During the meeting, the concern of issuing of visa to Poland was also discussed by the members. Mr. Dariusz Karwowski, Counsellor - Head of Trade and Investment Promotion Section, Embassy of Poland in India ensured that the issue would be resolved soon.

### Meeting with high level Australian automotive delegation organised by Austrade-Australian Government's trade and investment development agency, New Delhi, Pune & Chennai

February 15, 19 & 23, 2010

A 15-member trade delegation led by Mr. John Conomos – Australian Automotive Envoy for Asia visited India. The broad objective of the delegation was to strengthen the linkages between the Indian and Australian automotive industry. Mr. Deep Kapuria, Past President and Chairman-Globalisation & India Brand Building Committee, ACMA, made a presentation on "India – Opportunities Unbound" followed by a presentation by Ms. Rinki Verma, SIAM, on India's auto industry. Mr. Conomos made a brief presentation about the objective of the delegation followed by a brief presentation by each Australian automotive company. ACMA's MoU partner FAPM (Federation of Automotive Products Manufacturers) was represented by Mr. David Chuter in this delegation. A networking reception was also organised for the visiting delegation in New Delhi, Pune and Chennai.

### Outgoing Missions

#### CEOs' Delegation to Brazil & Buyers-Sellers Meeting, Sao Paulo, Belo Horizonte & Manaus, Brazil

March 8-12, 2010

ACMA organised a CEOs' Delegation to Sao Paulo, Bello Horizonte & Manaus in Brazil, in cooperation with Consulate General of India, São Paulo, and its MoU Partner in Brazil (SINDIPEÇAS). The delegation also got an opportunity of visiting VW Passenger Vehicles, Daimler Commercial Vehicles, Embraer, Fiat, Iveco and Mahindra. The overall objectives of the Mission was to project and showcase the strength and capability of the Indian auto component industry and create a positive India image with the Brazilian automotive industry.

A Buyer-Seller Meeting was also organised which included a joint seminar and gave the participants from India an opportunity to show case their capability by displaying the components. Also a



Delegation from Polish Information & Foreign Investment



CEOs' delegation to Brazil



Group participation at 63rd International Motor Show (IAA-Passenger Cars)

meeting with SINDIPEÇAS and the Indian delegates was held. There were quality visitors from OEM and Tier-1 in Brazil along with large aftermarket distributors and dealers to attend the meeting.

### Participation in International Auto Shows

#### Group Participation at 63rd International Motor Show (IAA – Passenger Cars) Frankfurt, Germany

September 17-27, 2009

ACMA, for the second time, organised a joint participation of its members at the 63rd Internationale Automobil Ausstellung (IAA – World's Largest Passenger Car Show) held at Messe-Frankfurt,



4th Tehran International Auto Parts Fair



ACMA-CBI Training programme

Germany organised by ACMA's counterpart in Germany Verband der Automobilindustries (VDA).

A high-level delegation from India consisted of Government representatives, senior officials from the industry delegates including Mr. Jayant Davar, President, ACMA; Dr. Pawan Goenka, President, SIAM and officials of other relevant institutions led by the Joint Secretary, Mr. Ambuj Sharma, Department of Heavy Industries, visited IAA Motor Show. The delegation also met their German counterparts during the Indo-German Joint Working Group Committee and agreed for deeper cooperation.

India Day was organised by ACMA, SIAM and VDA, which was attended by more than 150 delegates. In his opening remarks, Mr. Matthias Wissmann, President of the German Association of the Automotive Industry (VDA) said that India offered a great business opportunity. The German and Indian auto industry has been working very closely for many years and are benefited by each other. His Excellency, Hon'ble Mr. Sudhir Vyas, the Indian Ambassador to Germany and the German Parliamentary State Secretary Mr. Ulrich Kasparick addressed the participants and emphasised on the importance of sustainable mobility in the automotive sector. Both the speakers reiterated the need for Indo-German cooperation.

Mr. Ambuj Sharma, Joint Secretary, Department of Heavy Industry, MoHI&PE briefed the participants about the interest of the Indian industry in the German automotive industry. He mentioned that most of the German OEMs have made their presence in India.

Dr. Pawan Goenka, President, Society of Indian Automobile Manufacturers (SIAM), made a presentation, wherein he mentioned about the Automotive Mission Plan 2016.

Mr. Jayant Davar, President, ACMA, made a presentation on the Indian auto component industry and informed about the opportunities and challenges of the Indian auto component industry. Mr. Davar also mentioned that India was fast emerging as a global hub for the compact car. The participating companies from India were also given an opportunity to make a short presentation about their companies and products during the India Day.

The group participation at the show was of 8-member companies who participated at the ACMA India Joint Stand.

Lastly for the first time, VDA organised a 4-days exhibition (September 15-18, 2009) exclusively for the component makers.

#### **4th Tehran International Auto Parts Fair, Tehran, Iran** November 11-14, 2009

ACMA joint stand participation at the 4th Iran International Auto Parts Fair 2009 had 7-member companies displaying. ACMA had a meeting with H.E Mr. Sanjay Singh Indian Ambassador to Iran. Mr. Singh spent time with the ACMA exhibitors. ACMA through its information booth at the show disseminated information on the Indian auto component industry.

### **New Initiatives**

#### **ACMA-CBI Training with specific attention to Market Access Requirements for EU, Delhi, Pune & Chennai** July 2-10, 2009

ACMA in cooperation with Centre for the Promotion of Imports from Developing Countries (CBI) had organised a two day training programme on Market Access Requirements in EU for its membership in New Delhi, Pune and Chennai. Two senior faculties: Mr. Jan Oude Elferink and Mr. Jan van Straaten from CBI, conducted this workshop. The participants were informed about the new rules and regulations which are implemented/ being formulated in EU and how it would affect the export market for the Indian industry. Mr. Deep Kapuria, Past President, ACMA, handed over the Certificates in Delhi. In Pune, Mr. Vijay Pusalkar, ACMA Member EC, joined the workshop in Pune and Mr. Srivats Ram, Chairman(SR) ACMA, ACMA, inaugurated the workshop in Chennai. Mr. J. Sridhar, Member EC, ACMA handed over the certificates in Chennai. CBI has a strong databank and this could be accessed by the industry in order to keep the company's updated.

#### **1st IPO Suppliers Conference, New Delhi** September 2, 2009

ACMA has been taking many initiatives in strengthening business relationship and linkages between the OEMs, IPOs (International

Purchasing Offices in India) and the component industry in order to sustain the growth and bring new opportunities. In order to carry this forward, IPO members joined together and formed an IPO Forum, 2008. This forum was convened by Mr. Thomas Thym, Head IPO – BMW and more than 20 IPOs are actively involved in this forum.

Mr. Thym, briefed about the initiative that has been taken by the forum. The objective of the Forum is to develop a platform to discuss common issues between the IPOs and suppliers in India and to examine how to further strengthen the network and to bring new opportunities to grow the export of automotive components from India in the future.

Mr. Deep Kapuria, Past President & Chairman – Globalisation & India Brand Building, ACMA, mentioned that the IPO Conference was essential for tackling issues which arise while dealing with IPOs.

Mr. P.S. Satish, Head of IPO, Bosch Ltd., briefed everyone about the idea behind this conference after which Mr. Vikas Kumar, Associate Director, Ernst & Young made a presentation on Sourcing from Emerging Markets. The IPO session was moderated by Mr. P.S. Satish, Head of IPO, Bosch Ltd., where IPOs gave Case Study Presentation on “Challenges & Lessons Learnt on”.

Mr. Prashant Swadia, Director, SFO-India Global Purchasing & Supply Chain, GM India, made a presentation on Quality, Mr. Thomas Thym, Head IPO, BMW, India presented on Project Management, Mr. Niraj Hans, Managing Director & Country Head, Fiat Group Purchasing presented on Deliveries, Mr. Nitin Chilwarwar, Supplier Quality Development Specialist & Mr. Umesh Gujarathi, Head-Purchase & Supplier Development, Magna, presented on Supplier Development.

Mr. Arvind Kapur, Chairman-ACMA Centre for Technology (ACT), made a presentation about the ACT initiatives and ACT cluster programme followed by a case study presentation by Mr. V.N. Vijayaraghavan, Managing Director, I M Gears Pvt. Ltd.

Mr. Vivek Hazari, Vice President (Global Strategy & Business Dev.), Rico Auto Industries Ltd., made a case study presentation on Rico's journey towards export to International OE and Tier 1s followed by the case study presentation by Mr. Nitin Bahl, Director-Business Development, Radiant Polymers Pvt. Ltd. on their journey towards export to international OE and Tier 1s.

A panel discussion moderated by Mr. Bijoy K. Bose, VP (India Sourcing), Cummins India Ltd., was held on “What need to be done to increase sourcing from India?”

The Panelists were Mr. Harvansh Batra, Director Sourcing (India), EADS, Mr. Akhil Bhargava, General Manager (India), Electrolux, Mr. Michael Pohl, General Manager Global Procurement India, Mercedes-Benz, Mr. Arvind Kapur, Chairman – ACMA Centre for Technology (ACT), Mr. C.N. Prasad, President-APD, Sundaram Clayton Ltd & Mr. V.N. Vijayaraghavan, Managing Director, I M Gears Pvt. Ltd.

The points discussed in the panel were included the current business scenario, India compared to other LCC destinations, Role of IPO / Role of Suppliers, Strengths of India Sourcing and Areas of Improvement.



1st IPO Suppliers Conference



Workshop by Prof. Stuart Diamond

#### **Workshop on Negotiation Skills conducted by Professor Stuart Diamond of The Wharton Business School, Gurgaon** December 12, 2009

ACMA for the first time conducted a Workshop on Negotiation for Competitive Advantage. Professor Stuart Diamond of The Wharton Business School conducted the workshop. Mr. Arvind Kapur, Chairman- ACT, ACMA & MD, Rico Auto Industries Ltd., briefed about the need for effective negotiating skills, the challenges face by the industry and how to improve competitive advantages and operational efficiency. The workshop aimed at enhancing delegates' negotiation strengths and to overcome weakness.

#### **Human Resource Committee**

After the recent downturn, there has been a realisation that stability and work culture are important. Manufacturing industry has also realised that paying competitive salary and productivity improvement are critical for the sustenance and growth. The global economic meltdown has placed India in an advantageous position, which needs to be improved upon. Against this backdrop, HR Committee felt that there was a need to address HR issues in order to strengthen the industry.



Seminar on Performance Excellence through People Processes



HR Committee Programme



Seminar on New Technologies in Plastics

### Seminar on “Performance Excellence Through People Processes”, Pune

December 12, 2009

Keeping performance excellence in mind, ACMA (WR) organised a seminar on “Performance Excellence through People Process”. The programme was designed by Mr. F.R. Singhvi, Chairman–HR Committee, ACMA. The topics covered were appointment, improvements, performance, evaluation, rewarding and sustaining, attracting and retaining talent.

The speakers at the seminar included Ms. Kavita Kulkarni, Location Head & Group HR Head, from Infosys, Mr. Sudhir V Sohoni, Executive Vice President, HR, IR & Admin from Thermax, Mr. Prashant P. Ahir, General Manager (HR) from Tata Motors and Mr. R. D. Chaudhari, VP, HR from Bosch.

### Seminar on “Performance Excellence Through People Processes”, New Delhi

March 17, 2010

ACMA HR Committee & Northern Region jointly organised a seminar on “Performance Excellence Through People Process”. The topics covered in the seminar were - Attracting & Retaining Talents, Performance Review Process: Measuring Performance – Measuring Behaviour, Performance Driven Compensation and Recognition Programmes and Sustaining High Performance through effective Skill Development and Deployment. The speakers at the seminar included Mr. S. Y. Siddiqui, MEO Admin. (HR, Fin. & IT), Maruti Suzuki India Limited; Mr. Praveen K. Sinha, Chief General Manager – HR, Escorts Limited; Mr. Avinash Mukku, Manager - HR, Infosys Technologies Limited; Mr. S. Varadarajan, EVP and Chief Human Resources Officer, Quattro BPO Solutions. In his welcome address, Mr. F.R. Singhvi, Chairman-HR Committee, ACMA & JMD, Sansera Engineering Pvt. Ltd. mentioned that the objective of the ACMA HR Committee was to create an awareness among members on the various best HR practices.

### Raw Materials Committee

#### Seminar on New Technologies in Plastics in the Automotive Industry, Pune

July 28, 2009

New age engineering plastics besides an aesthetic appeal are also exhibiting superior mechanical and thermal properties for various automotive applications. ACMA organised national seminar on 'New Technologies in Plastics for the Automotive Industry'. Welcoming speakers and participants of the event, Mr. Jatender Mehta, Chairman-Raw Material Committee, ACMA and MD, Omax Autos Ltd., said that application of plastics was continuously increasing in an attempt to reduce weight of vehicles and make them fuel efficient. He highlighted some new technologies that had evolved to reduce engine noise and promote high temperature thermoplastics for engine compartments. Giving an overview of typical polymer applications in passenger cars and more specifically in VW models Dr Sanjay Arole, DGM (QA- Laboratory), Volkswagen India Pvt Ltd, spoke on some of the practical aberrations in polymer processing and steps to avoid them. Dr Arole illustrated some of the test methods used by VW to evaluate pre-damage of the material and also the procedures and requirements to evaluate emissions. Presentation by Reliance highlighted the New Generation Polypropylene Composites for the automotive industry. The presentation highlighted Long Fibre reinforced thermoplastics and oriented polyolefin Composites.

Hydro S & S gave an overview of modified polypropylene compounds with high impact resistant grades of plastics for body panels. The speaker also informed participants on the advantages of thermoplastic elastomer part production. BASF has developed

tools for metal to plastic conversions. Their integration simulation tools can predict part behaviour through crash simulation, part testing, structural analysis, and processing analysis. Presentation by SABIC focussed on use of polycarbonate resins for light weight glazing, low density foams for headliners and the thermoplastic portfolio that covers the basic assembly for automotive forward lighting. Speakers at the seminar included Dr Sanjay Arole, DGM, (QA- Laboratory), Volkswagen India Pvt Ltd, Pune; Mr. Bhaskar Ghosh, Senior Vice President, Reliance Industries Ltd, Mumbai; Mr. N K Ramaswamy, Chief Executive Hydro S & S Ltd, Chennai; Mr. Rohit Roop Ghosh, Manager, Engg Plastics (Asia Pacific), BASF, Singapore and Mr. Sanjeev Dwivedi, Senior Key Account Leader (Automotive), SABIC Innovative Plastics, Gurgaon.

### Skill Development Committee

The AMP Vision document, envisages that the automotive industry will provide additional employment to 25 million people by 2016. Towards this end, it is envisaged that the auto component industry will create 1 million additional jobs.

An integral part of the creation of the 1 million additional jobs in the auto component sector is the need for “employable persons”, with appropriate skill sets, at each level of the supply chain. Keeping in view the new set of challenges that the auto component segment is facing in a global environment, the workforce requires both an upgradation of existing skills and also acquisition of new set of skill sets, as compared to the past.

Towards this end, coupled with the government's focus and vision and with the formation of the National Skills Development Corporation, ACMA has introduced a new dimension and thought process in the association by forming the National Committee for Skill Development. The ACMA Committee for Skill Development has been focusing on enhancing, supporting and encouraging initiatives for training and skill development, by working with the government, and developing new ideas and opportunities for training.

The Committee has had meetings during the year and visited institutes of repute that provide training in the automotive sector. Visits were organised to institutes such as the Toyota Technical Training Institute (TTTI) and the Bosch Vocational Center (BVC) in Bangalore, Gedee Technical Training Institute (GTTI) in Coimbatore, ITI - Gurgaon adopted by Maruti and the Minda Group's “Pathshala” in Manesar. These experience sharing visits were organised with the objective of understanding both the existing level of training available, the course content, curriculum planning, etc. One of the focus areas has been to work with the Department of Heavy Industry and other stakeholders in the formation of an “Automotive Skills Development Council” (ASDC) at the National Level that would complement the existing vocational education system. The ASDC would help the Indian Automotive Industry in meeting the entire value chain's requirements of appropriately trained manpower in quantity and quality, across all levels, on a sustained and evolving basis. A number of meetings have been held with government and other stakeholders in this regard.



SMEs Seminar on Industry Partnership through JVs

### SME Committee

The Association concentrated on numerous issues allied with SMEs.

#### SME Seminar on Industry Partnership through Joint Ventures, New Delhi

May 14, 2009

SMEs that are looking for growth opportunities, a joint venture could be one of the many possible options. A seminar for CEOs of Small and Medium Enterprises on 'Industry partnerships through Joint Ventures' was organised by ACMA. The objective of the programme was primarily to educate SMEs on the fundamentals of Joint Ventures and a systematic approach to steps involved in seeking a Joint Venture partner. Citing various reasons for seeking a joint venture, Mr. Jayant Davar, Vice President, ACMA & Vice Chairman & MD, Sandhar Technologies Ltd., in his presentation emphasised that a company must write down and prioritise the goals with a clear understanding of the target market. Mr. Davar advised members to prepare a joint venture format keeping all such things into consideration. Mr. Rattan Kapur, MD, Mark Exhaust Systems Ltd. said that the focus should be on the type and level of technology if it was technological one, whereas a financial joint venture could be completely capital centric. There has to be a complete behavioural transparency with clear visibility of feelings, actions and thoughts, was what Mr. Deepak Jain, Executive Director, Lumax Industries Ltd. felt while expressing his views in the seminar. A company must evaluate, if it was ready for a JV, leaving aside the fear factors involved in terms of losing customers, anger, frustrations or distrust.

Sharing his views on how to make a JV sustainable, Mr. Arvind Kapur, MD, Rico Auto Industries Ltd., emphasised on the role of formulating a Business Plan that needed to be very practical. He advised members not to go in for targets that were difficult to achieve. It



EC Members at Workshop on Next Generation Leadership



Workshop on Next Generation Leadership

was also advisable to link them to milestones with reviews at senior level. Mr. Jaydip Sihna, Ex Associate Head, WORBUS International LLC, while giving an overview on Joint Ventures highlighted on product life cycle and trends in the market as some of the crucial factors to be taken into account. It was also equally important to understand the financial health of a company.

### Young Business Leaders' Forum

*With the young brigade's aim to learn best practices, the YBLF members had numerous programmes throughout the year.*

**Workshop on Next Generation Leadership - Strategies for family run businesses, by Mr. Sanjay Upendram (ex-KPMG), Co-founder Amarthi Consulting, New Delhi**  
August 22, 2009

There are several first and second-generation entrepreneurs from within ACMA membership, beginning to take charge of the auto component industry. The transition of one generation to the next brings with it many challenges on succession and running the business effectively. The scions face

completely different set of strategic and operational issues compared to previous generations.

The YBLF organised a one-day workshop on Next Generation Leadership -- Strategies for family run businesses. The faculty for the workshop, Mr. Sanjay Upendram, Co-founder & CEO, Amarthi Consulting, had specifically tailored the workshop for the YBLF membership. The workshop had ice-breaker session; self-exploratory exercises and group discussions with case studies. The workshop was organised addressing the key themes at a personal, family and organisational level. The workshop included detailed interaction on achieving personal excellence and leadership; intricacies of a family-run business and best practices; blending enduring values and new age thinking; gaining acceptance and credibility across seniors, peers, employees and customers; transition to a professionally-run business; strategies for next level growth and leadership, etc.

To give a perspective on Leadership, the YBLF members also interacted with ACMA Executive Committee members. The YBLF had Panel discussion with Mr. Deep Kapuria, Past President & Chairman-Globalisation & India Brand Building, ACMA & CMD, Hi-Tech Gears Ltd.; Mr. Jayant Davar, Vice President, ACMA & Vice Chairman & Managing Director, Sandhar Technologies Ltd.; Mr. Ramesh Suri, Chairman (Northern Region), ACMA & Chairman, Subros Ltd. This facilitated the YBLF members unearth common threads and learn from experiences shared by the Panel members.

Mr. A. K. Taneja, Past President, ACMA; Chairman, ACMA-YBLF & MD & CEO, Shriram Pistons & Rings Ltd., helped YBLF gain key insights from the workshop. He emphasised on the need of succession planning and leadership. He emphasised on grooming and growing people across all levels, which in turn helps a company grow. The process of succession and acceptance to change should be a company wide activity. The key responsibility of the top authority should be consensus building.

The major takeaways from the workshop included understanding personal aspirations, succession planning, bridging the gap, blending enduring values and new age thinking, leadership in the new age, strategies for next level growth, transitioning to a professionally run business and breaking traditions to adopt globally recognised processes, systems and gaining acceptance and credibility. Mr. Pranav Kapuria, National Coordinator, ACMA-YBLF & DMD, Hi-Tech Gears Ltd., thanked the Panel members for sharing their experiences as the YBLF deeply valued the thoughts shared by EC members.

**Visit to :- a) Mercedes-Benz India Pvt Ltd. b) Force Motors c) Associated Manufacturing Company d) Interactive Session on Entrepreneurship with Mr. Atul Chordia, Chairman & C.E.O, Panchshil Realty, Pune**  
November 13-14, 2009

ACMA-YBLF organised a two day mission to Pune on 13th and 14th November 2009. The objective of this mission was to visit Mercedes-Benz Plant in Pune; visit to Force Motors dedicated facility Engine and Axle for Mercedes-Benz ; to interact with Mr. Atul Chordia, Chairman and MD of Panchsil Realty - the leading real estate developer of Pune and to visit the Associated Manufacturing Company to learn from their Corporate Social Responsibility initiatives.

Mr. Piyush Arora, Director (Technical), Mercedes-Benz Plant & other Members of the Board of Management interacted with the visiting ACMA YBLF members. Mr. Arora made a detailed presentation on the activities carried out by Mercedes-Benz in India and its future plans for the passenger as well as commercial vehicles in India.

The YBLF members also visited the Force Motors's dedicated facility Engine and Axle for Mercedes-Benz C, E, S Class passenger cars. Mr. Prasan Firodia, Managing Director, Force Motors accompanied the delegates to his plant and demonstrated the product range of Force Motors. Force Motors has a JV with MAN Trucks.

The interactive session with Mr. Atul Chordia Chairman & Managing Director, Panchshil Realty, which helped the YBLF to understand the needs and future of the real estate industry in India.

The YBLF members visited the Associated Manufacturing Co. (AMC). The company engages physically and mentally challenged individuals at the shop floor level. Mr. Subhash Chuttar, Partner has dedicated himself in providing training and lively hood to these employees. The members of the Forum were inspired by the efforts of the company in engaging these challenged persons and providing them with equal opportunity.

**Visit to Maruti Suzuki India Ltd, Manesar facility & Interaction with Mr. Arvind Kapur, Chairman, ACT & MD, Rico Auto Industries Ltd., Manesar & Gurgaon**  
January 15, 2010

ACMA-YBLF members led by Mr. Sanjay Labroo, Chairman, ACMA-YBLF visited Maruti Suzuki India Ltd. (MSIL), Manesar facility, with focus on MSIL's Best Practices on Industrial Relations (IR). MSIL made a presentation of their profile, product line, process, utilities, environment vision, quality initiatives, etc. The delegates then visited the MSIL, Manesar plant. During the Q&A session, MSIL team shared their views on IR, HR, and growth plans.

Visit to MSIL was followed by an interactive session with Mr. Arvind Kapur, Chairman, ACMA Centre for Technology & MD, Rico Auto Industries Ltd. A brief presentation was made with events that took place during the challenge Rico faced on IR. The interaction was highly informative.



YBLF Visit to Mercedes-Benz India Pvt. Ltd.



Members at Force Motors



Session with Mr. Atul Chordia



Visit to MSIL



Interaction with Mr. Arvind Kapur

# ACMA Centre for Technology (ACT)

*The ACMA Centre for Technology (ACT) provided a base for concerted effort by the auto component industry in bringing about product and process improvements.*

## ACT-AOTS

### ACT- AOTS Training programme on Production Management (INAC), Japan

July 29-August 11, 2009

A batch of 14 delegates from ACMA member companies visited Japan for ACT-AOTS Training programme on Production Management (INAC). The main objective of this programme was to deepen the



ACT-AOTS Training Programme



Closing of 1st ACT Advance Cluster & Launch of 2nd ACT Advance Cluster



Launch of 3rd ACT SME Cluster (NR)

participants' understanding effective production management techniques employed by Japanese manufacturing industry. This was a two week residential programme wherein participants were exposed to in-house training on production management by Japanese faculty. The group also got an opportunity to visit a number of Japanese companies to witness the best practices. Besides training, the event also helped to promote technical cooperation, mutual understanding and friendly relations between India and Japan.

### ACT-AOTS Programme on Productive Maintenance, New Delhi & Aurangabad

November 6-7, 2009 & November 10-11, 2009

ACT in association with AOTS Japan, organised a "Two Days Training Programme on Productive Maintenance" in New Delhi and Aurangabad on 6th-7th November, 2009 and 10th-11th November, 2009 respectively. The faculty of the programme was Shigenobu Nomura San. A plant visit to Satyam Auto Components, Manesar, for Delhi session, and a plant visit to Rucha Engineers Pvt Ltd for the Aurangabad session, was also organised for the participants to witness the benefits and best practices followed on shop-floor.

### ACT-AOTS Training Programme on Lean Machine Systems, New Delhi & Bangalore

January 14-15, 2010 & January 18-19, 2010

ACT, in association with AOTS Japan, organised a two-day training programme on Productivity Growth by Improving Machine Efficiency - The Lean Machine System in New Delhi and Bangalore. The faculty of the programme was Susumu Takahashi San, who is a consultant with various Japanese organisations and is involved in series of Kaizen activities in these organisations. The objective of organising this two days programme, in two cities, was to reach out to more ACMA members so that they understand the effectiveness of lean machine system for productivity growth in order to increase the competitiveness of Indian manufacturing industry.

## Cluster Approach

### Closing of 1st ACT Advance Cluster and Lunch of 2nd ACT Advance Cluster in Chennai

May 30, 2009

Mr. Arvind Kapur, Chairman, ACT, opened the session and congratulated all the cluster member companies for the success achieved during the last two year journey. All the member companies of 1st ACT Advance Cluster made a brief presentation, covering all the tangible and intangible benefits gained by them as a part of this cluster. This cluster was launched on 15th May, 2007 in Chennai under the mentorship of Mr. C. Narasimhan, Chief Mentor, ACT. After the successful closing of 1st ACT Advance Cluster, the Launch Ceremony of 2nd ACT Advance Cluster was organised. In opening address, Mr. C. Narasimhan, explained the process of Advance Cluster, its Roadmap and the journey towards establishing Lean in the companies.

### Launch of 3rd ACT SME Cluster (Northern Region) at Stork Auto Ltd., Manesar

June 5, 2009

After the grand success of two previous SME cluster programmes, ACT launched yet another SME Cluster programme for the benefit of Tier 1 and Tier 2 small companies in Gurgaon. The launching ceremony of the Cluster was organised in Stork Auto Engineering Pvt. Ltd., Manesar. Mr. Arvind Kapur, Chairman ACT, welcomed all the companies in this 12-months long cluster journey. The session was enriched with expert comments and motivating remarks by Mr. Pranav Kapuria, Mentor for this Cluster Programme and Dy. Managing Director, Hi-Tech Gears Ltd. Mr. Sanjay Sharma, has been the Counselor for this 12-months long cluster journey.

### Closing of ACT Cluster IV and the Launch of ACT Cluster V, Gurgaon

September 4, 2009

Concluding ceremony of Cluster IV as well as commencement of Cluster V was organised at AG Industries, Manesar and Autofit Pvt. Ltd, Dharuhera. All the delegates appreciated the improvements that have taken place at the company facilities, specially overall visual deployment in AG Industries and Total Employee Involvement (TEI) in Auto fit Pvt. Ltd. The ceremony was graced by the presence of Mr. C Narasimhan, Chief Mentor, ACT, Mr. Arvind Kapur, Chairman, ACT, Mr. Rajiv Mandke, Director, ACT and ACT Counselors. Mr. Narasimhan explained the roadmap of the cluster for the new members who joined the Cluster V and also, briefed them the benefits of the cluster journey. He emphasised the importance of the CEO's commitment for the success of any company. Mr. Arvind Kapur, in his address, motivated the participants by citing Best Practices under ACT Cluster Programme. All the CEOs of newly formed ACT Cluster-V shared their expectations from ACT Cluster Programme. For attaining excellent achievement on various aspects, companies were also given recognition by Chief Mentor and Chairman ACT.

### Closing Ceremony of 2nd ACT-SME Cluster, Manesar

February 10, 2010

Mr. Pranav Kapuria, ACT-SME Coordinator and Dy. Managing Director of Hi-Tech Gears Ltd, Mr. Rakesh Gupta, Sr. Counselor, ACT and Mentor of ACT SME Cluster, Mr. Ashok Verma, Counselor, ACT and CEOs and Coordinators from the participant Cluster member companies were present at the Closing Ceremony of the 2nd ACT-SME Cluster.

On behalf of all the Cluster member companies, a presentation, showing achievements of this journey, was shared by Mr. A. K. Singh, Manager Quality and Mr. Alok Chaudhary, Sr. Engineer, New Swan Components Pvt. Ltd. Mr. Rakesh Gupta shared that the main focus during the journey was on making "A Visual Factory" and building "Problem Solving Attitude" through CEO's involvement. Mr. Pranav Kapuria expressed the need to change the existing training style and move on to coaching style where more of hand holding, guidance, demonstration and appreciation are there.



Closing of ACT Cluster IV & Launch of ACT Cluster V

### Environmentally Friendly Vehicle (EFV) Conference

**4th Environmentally Friendly Vehicle Conference & Exposition organised by Ministry of Heavy Industries in cooperation with ACMA, New Delhi**  
November 23-24, 2009

Pollution and Global Warming are urgent problems, ignorance of which may lead us to pay heavily. Load of vehicles on roads is increasing day-by-day, adding to pollution. India hosted the "4th Environmentally Friendly Vehicles (EFV) Conference & Exposition". The event was organised by the Ministry of Heavy Industry (MoHI) along with 5 other Ministries, in association with ACMA, SIAM, NATRIp, Petrofed and UNECE. The speakers at the event included scholars from all over the world, who shared their knowledge and experience on Mobility, Environment, EFV Future scenario Alternative Fuels & Drives. During the event an exposition and rally of environmentally friendly vehicles was also organised. The baton of the 5th EFV Conference was given to USA.

### Fraunhofer, Germany

**2nd CAR-Fraunhofer Workshop, Dresden, Germany**  
May 25-27, 2009

The Fraunhofer-Gesellschaft, Germany undertakes applied research of direct utility to private and public enterprise and has special strengths in the area of process engineering and product development. In order to tap this resource of automotive R&D, TIFAC, CAR group has entered into a working MoU with the Fraunhofer Institute to promote collaborative as well as sponsored R&D in the Indian automotive industry. To operationalise the above collaboration, a joint steering committee of CAR-Fraunhofer has been set up by Dr. R. Chidambaram, Principal Scientific Adviser to the Govt. in which ACMA is also an active member. One of the projects identified under this initiative is to



ACMA delegation at Fraunhofer



Signing of MoU with Fraunhofer



MIT Executive Leadership Programme

develop a "Low Cost ECU" and Microcontrollers for small cars. While Pricol and Sona Koyo have already joined, the initiative, other ACMA members are also expected to join.

### **1st Technology Development Mission to Fraunhofer, Germany Mannheim, Nuernberg, Dresden**

September 23-25, 2009

A high-level delegation, consisting of CEOs from ACMA members, officials from Ministry of Heavy Industries (MOHI), Govt. of India, and National Automotive Testing and R&D Infrastructure Project

(NATRIIP), joined the delegation to Fraunhofer Institutes in Germany to understand the basic technologies / facilities available with them and to explore the possibilities of having collaborative projects among Indian auto components industry, Government of India and Fraunhofer Institutes. The delegation primarily focused on having consortium on various technologies related to alternate material, various engineering processes and light weighting of materials. An idea of having collaboration to create R&D centre, like Fraunhofer, within India was also discussed. The delegates had an opportunity to visit five Fraunhofer Institutions, located in various cities of Germany. ACMA is working closely with Fraunhofer Institutes on various available options to support R&D in India.

### **One Day Conference on Light Weighting with Fraunhofer, Germany, New Delhi**

March 23, 2010

In its pursuit of developing R&D activities in the automotive industry, ACMA had undertaken a mission to the Fraunhofer Institutes, Germany in September 2009. A Memorandum of Understanding (MoU) was signed among Fraunhofer, ACMA, SIAM & NATRIIP, at the conference on "Automotive Light-Weighting". The objective of the Conference and signing of MoU was to provide a platform to the automotive industry in India, for new R&D in various fields of Engineering at a competitive cost. The conference brought awareness to the participants on the need of developing generic "light weighting technologies" to a pre-competitive level, which could be deployed by the vehicle and component manufacturers to reduce weight of the various - components and the vehicles they are producing in India. The process of forming up a joint core group consisting of technical heads from ACMA & SIAM membership has started, which would identify the vehicle and the components for light weighting project and then carry out the research with the active support from Fraunhofer Institute, as a knowledge partner.

### **MIT, U.S.A.**

#### **EC members' Interaction with Prof. Charles Fine, Professor-MIT, U.S.A, on Light weighting, New Delhi**

September 4, 2009

ACMA has developed a close working relationship with Massachusetts Institute of Technology (MIT), Sloan School of Management (U.S.A.), in 2008. As a further step, in September 2009, a high-level delegation from MIT, U.S.A., visited India under the leadership of Prof. Charles H. Fine, Chrysler LFM Professor of Management. The interaction with Prof. Fine focused on light weighting technology for automobiles. In view of MIT, India is ideally positioned to take a global leadership in Vehicle Light Weighting. The interaction enabled the Indian auto component industry leaders to understand the potential that India possesses and how it could benefit by taking collaborative steps with MIT, U.S.A.

#### **MIT Executive Leadership Programme, Goa**

December 1-4, 2009

In continuation of the first ACMA-MIT Programme, held in U.S.A., in October, 2008, on R&D and New Product Development with

Prof. Steve Eppinger and Prof. Charles Fine as the faculty, the same programme was condensed to a three days session, focusing on Product Development Processes. Besides the classroom lectures by the faculty, the delegates also made group presentations. The programme was well received by all participants.

### IT Committee

With focus to promote IT in auto component industry, ACMA recently formed the IT Committee. In continuing efforts to implement IT in auto component sector, ACMA and NASSCOM jointly formed a Core Group on IT and took up a few Pilot Projects, which are now on the verge of completion. To showcase the findings from Pilot Projects and to provide best solutions to implement IT in auto component sector, ACMA and NASSCOM have also decided to hold Workshops for SMEs across the country, wherein benefits of implementing IT will be showcased and promoted.

#### ACMA-NASSCOM IT Core Group meeting via Tele-Conference, New Delhi

August 11, 2009

In continuation of its efforts to implement IT in the auto component sector, ACMA-NASSCOM Core Group had their project review meeting with Mr. Ravi Machani, Chairman (IT), ACMA. The Core Group members discussed the issues and challenges being faced during the Pilot Project and the possible set of solutions. It was also decided that the ACMA-NASSCOM Secretariat would have a Monthly Review Meeting with Core Group to monitor the Pilot Project.

### Six Sigma Club

#### 2nd National Six Sigma Competition, New Delhi

July 11, 2009

A national level competition was organised to spread the benefits of Six Sigma methodology across the membership.

Mr. Jayant Davar, Vice President, ACMA, inaugurated the show and emphasised on the benefits of Six Sigma deployment in the organisation. Mr. Arvind Kapur, Chairman, ACT, explained the journey of Six Sigma, starting with the launch of Six Sigma Courses in 2003 to the launch of Six Sigma Club in 2007 and its further progress. After the jury had thoroughly evaluated the projects presented by the contesting companies, Chief Guest, Mr. Ravi Pandit, Chairman & Group CEO, KPIT Cummins Infosystems Ltd., distributed the prizes to the companies.

#### 4th Batch of Six Sigma Refresher Course, New Delhi

October 29-30, 2009

ACT successfully completed the 4th batch of Six Sigma Refresher Course, where the participants got an opportunity to hone their knowledge of Six Sigma implementation. This programme was organised under the aegis of Six Sigma Club, formed in 2007 with an objective to create Six Sigma Culture in the ACMA member companies.

### Sustainable Technology Development Committee

*The Sustainable Technology Development Committee has been formed with an aim of creating awareness and to promote new and sustainable technologies for the future including energy conservation.*

#### Delegation to Harita Seating Systems Ltd., Hosur on Energy Conservation along with the Sustainable Technology Development Committee December 3, 2009

The Sustainable Technology Development Committee, under the leadership of Mr. Sandip Mehta, Member of the Sustainable Technology and MD, MHB Filter India Pvt. Ltd. organised a visit to Harita Seating Systems Ltd. (HSSL) who shared their experience and best practices with members on Energy Conservation. HSSL had been awarded consecutively for the last three years for achieving best performance and implementation of Energy conservation projects by Bureau of Energy Efficiency, Ministry of Power, Govt. of India. Mr. A G Giridharan, President, HSSL, said that the company had been successful in saving costs to a large extent by conserving energy. Mr. K. Murugan, mentioned that the company mapped major losses during the production activities and found 16 major loss areas. Earlier the leader of the delegation, Mr. Sandip Mehta, Managing Director, MHB Filter India Pvt. Ltd. and member of the Sustainable Technology Committee, thanked HSSL for accepting the delegation at its facilities.

### TIFAC

ACT, in association with CAR (TIFAC) has been working on a project for ACMA members who are in the business of Al.Die Casting and are facing severe problems, in terms of higher percentage of defects and the rejections. As a further step, ACMA Core Group submitted their inputs to the project proposal made by Dr. Balasubramanian, Director, NFTDC. The detailed project proposal has been submitted to TIFAC, which in turn put the proposal to the CAR Committee (Core-Group on Automotive R&D) for approval and funding.

#### Al. Die Casting Project meeting on evaluation of proposals by CAR Panel - Rapid moulding & casting technologies and E-Foundry (Online Casting Simulation), Chennai

November 26, 2009

E-foundry & Rapid Prototyping Project, jointly taken up by ACMA members in association with TIFAC (CAR Group), got its green signal in the 2nd Project Review Meeting, chaired by Dr. G. Sundararajan, Chairman, CAR Panel. Mr. R. S.Kundi, Chairman of ACMA e-foundry Group, along with Dr. TVLN Rao, Sundaram Clayton and Mr. Arvind Gupta, Deputy Director, ACT. Other members present in the meeting were Mr. Sajid Mubashir, Director (CAR Committee), TIFAC, Dr. Ravi,

IIT, Mumbai, Dr. Bala, NFTDC, Hyderabad, Capt. Ram Mohan, Advisor, TVS Motors and experts from the 'foundry industry'.

## WP.29

### 149th Session of WP.29 (World Forum for Harmonization of Vehicle Regulation), Geneva

November 10-13, 2009

A delegation under the leadership of Mr. Ambuj Sharma, Joint Secretary, MoHI&PE, participated in the 149th Session of WP.29 in Geneva. Other members of the delegation included Mr. Dilip Chenoy, Director General, SIAM, Mr. T. C. Gopalan, Chairman of Technical Committee, TMA, Mr. Arvind Gupta, Deputy



Delegation visit to Harita Seating Systems Ltd.



2nd JASIC - India Information Exchange Forum



Release of the 1st Edition of 5S-The Way of Life

Director, ACT, and Ms. Rashmi Urudwarishi, Deputy Director, ARAI. Mr. Ambuja Sharma, made a presentation on 4th Environmentally Friendly Vehicle Conference, to be held in India and invited all the members to join the event.

### 150th Session of WP.29 (World Forum for Harmonization of Vehicle Regulation), Geneva

March 9-12, 2010

A delegation from India, led by Mr. Ambuj Sharma, Joint Secretary, Ministry of Heavy Industries & Public Enterprises (MOHI) attended 150th Session of WP.29. Other members of the delegation were Mr. Dilip Chenoy, DG, SIAM; Mr. Shrikant Marathe, Director, ARAI; Mr. T.C. Gopalan, Committee Chairman, TMA and Mr. Arvind Gupta, Deputy Director, ACT.

Japan made a draft proposal for Whole Vehicle Type Approval (WVTA) in this session and deliberated on various issues like, Road Map for WVTA and the revision of present WP.29 1958 agreement provisions. Mr. Ambuj Sharma, J.S., MOH&PEI, also appraised WP.29 committee about the progress on EFV, hosted by India in November 2009 and also chaired by India. He updated about the various meetings and the initiatives taken at the national level.

## Other Programmes

### 2nd JASIC and India Information Exchange Forum, Japan

September 21-24, 2009

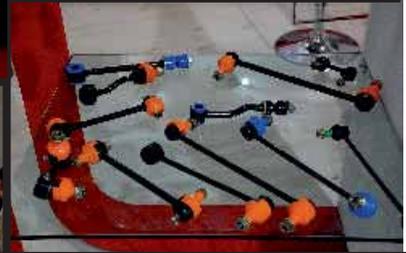
A delegation under the leadership of Mr. Ambuj Sharma, Joint Secretary, MoHI&PE, visited Japan to attend the 2nd JASIC India Information Exchange Forum. Mr. Arvind Gupta, Deputy Director, ACT, along with few of ACMA members, i.e., Mr. S Balachandran, Vice-President (Marketing) and Mr. M. Sreenivasulu Rao, Asst. General Manager, WABCO-TVS (India) Limited, joined the delegation. Other members of the delegation included Mr. Vikram Gulati, Director (RT), MoHI&PE and representatives from SIAM and NATRiP. The objective of the visit was to understand the WP.29 1958 Agreement in deeper sense and to understand the Japanese methodology in adopting the standards under this agreement. All the members of the delegation also got an opportunity to visit National Traffic Safety & Environment Laboratory (NTSEL), Japan, which is the Japanese testing institution, providing type approvals to the vehicles. Apart from this the delegation also had a meeting with Mr. Masahiko Naito, Director-General, Engineering and Safety Department, Road Transport Bureau of Ministry of Land, Infrastructure, Transport and Tourism (MLIT), Japan.

### Release of the 1st Edition of "5S - The Way of Life", New Delhi

March 27, 2010

It was a pride moment for ACT to release its second publication "5S - the Way of Life" after the successful launch of "ACT Now" two years ago. The book was formally released by Mr. Jayant Davar, President, ACMA, in the 4th EC Meeting of ACMA. Mr. Srivats Ram, Vice President, ACMA and Mr. Arvind Kapur, Chairman, ACT, were also present at the release of the book.





## 10<sup>th</sup> Auto Expo 2010

### January 5-11, 2010

The 10th Auto Expo, the complete automotive show held from 5-11 January, 2010, was organised jointly by ACMA, CII and SIAM in New Delhi. The Expo, this year surpassed all records set in the earlier auto expos and has grown from strength to strength since 1986, in terms of domestic as well as foreign participation, international delegations, product launches, focused pavilions, orders booked, trade enquiries, business visitors and glamour, to say the least. The global economic downturn notwithstanding, the show saw many new launches than any other previous editions with international firms taking the lead. A total of 25 new models were unveiled and 15 concept vehicles were also at the Auto Expo 2010.

It was spread over 1,25,500 sq.mtrs. which includes 24 permanent halls, 17 hangers and 6 state pavilions. The total number of participants were 2,105 which comprised 1,298 Indian participants and another 807 overseas participants. Exhibitors including small and medium enterprises, from the component industry took up a total of 38,000 square metres of space at the expo venue which is approximately 10 per cent more than the space taken at the last expo.

Over 1,700 component manufacturers and 42 vehicle manufacturers participated in the show. The expo witnessed the largest ever overseas participation with Spain, Taiwan and U.K. Luxembourg was seen first time at the expo.

Around 12,05,152 visitors of which 10,04,124 were business delegates thronged the show.

The success of the expo is a testimony to India's emergence as a global manufacturing hub, Union Minister of State for Commerce and Industry Mr. Jyotiraditya Scindia said at the valedictory function of the 10th Auto Expo.

On the culmination of the Silver Jubilee edition of the Auto Expo, several exhibitors were honoured with silver plaques for their various contributions to the show. The awards were given away by Mr. Jyotiraditya Scindia, Minister of State for Commerce & Industry, Govt. of India.

The component manufacturers got recognition in the following categories :

*Continuous support since its inception of the Auto Expo in 1986*

- Fiem Industries Limited
- GNA Group
- Indication Instruments Limited
- Mutual Industries Limited
- Talbros Group

- TVS Group
- Uni Deritend Limited
- ACEY Engineering Pvt. Ltd. (Auto Enterprise since 1993)

*Largest Display Area*

- TVS Group

*2nd Largest Display Area*

- Samvardhana Motherson group



Inauguration of 10<sup>th</sup> Auto Expo



ACMA Asli-Naqli Campaign



Valedictory function of 10<sup>th</sup> Auto Expo

## From The Region

*The Regions organised Meetings, Workshops and Seminars on issues relevant to their regions.*

### Eastern Region

#### Building Competencies

##### **One Day Workshop on 7 QC Tools, Jamshedpur** May 5, 2009

Taking yet another initiative to improve quality in production, ACMA (ER) organised a "Workshop on 7 QC Tools". The objective of the workshop was to refresh QC Tools amongst the employees of the member companies. Mr. Tapas Sahu, Regional Council Member, ACMA (ER) & ED, Highco Engineers (P) Ltd. welcomed Mr. A.C Jha, Executive DM (Growth & Plant Engineering), Tata Motors Ltd.

Mr. Jha talked in details about the checklist, pareto chart, flow chart, cause- effect diagram, histogram, scatter diagram and control chart. Mr. Sushant K Routray, DGM, Tata Motors Ltd., stated that ACMA has been instrumental in providing link between Tata Motors and the automotive component industry.



Workshop on 7QC Tools



Seminar on Waste Elimination

##### **Seminar on Waste Elimination, Jamshedpur** June 10, 2009

The objective of this programme was to share the approach of companies like Tata Motors Ltd. and Tata Cummins Ltd. towards Waste Elimination and learn methods and techniques used, by the member companies .

Mr. Killol Kamani, Dy. Chairman, ACMA (ER) and MD, Samarth Engineering Co. P. Ltd., thanked Tata Motors Ltd. for supporting ACMA to keep the quality movement going in the Eastern region. Mr. S. K. Routray, D.G.M, HR& PSD, TML (JSR), said that Quality is what the customer wanted. Mr. T. Dhua, Tata Motors Ltd. Jamshedpur, in his presentation, stated that waste must be eliminated waste by continuous improvement. Mr. Dhua also showed a Kaizen project done by Tata Motors at a local sheet metal company, an ancillary to Tata Motors Ltd. In the second session, Mr. Himadri Mukherjee, DGM, Master Black Belt- Six Sigma, Tata Cummins Ltd., gave a presentation on Waste Elimination through Six Sigma and Waste Elimination through Kaizen. Mr. Mukherjee discussed in details the definition of Waste and the value added definition, the Cummins Operating System, goals of company, waste identification, Six Sigma approach, Kaizen approach and the case studies.

##### **Talk on Theory of Constraints-How well to use it for SMEs, Jamshedpur** July 7, 2009

To learn and share the experience as to how to have long-term sustainability on a profitable basis for all stake holders. ACMA (ER) organised a talk by Mr. Bimlendra Jha, PEO, Tata Steel, on "Theory of Constraints- How well To Use It For SMEs". Mr. K.R. Kavra, Regional Chairman, ACMA(ER) and Chief Executive, Special Engineering Services, Kolkata, introduced Mr. Bimlendra Jha, PEO, Tata Steel. Mr. Jha explained that The Theory of Constraints (TOC) Processes, taken as a whole, provides an integrated problem-solving methodology that addresses not only the construction of solutions, but also the need for communication and collaboration that successful implementation requires. Quite simply put ToC is an overall management philosophy that has its basis in the manufacturing environment. Using the TOC philosophy enables the managers to achieve most of the goals that the system is designed for.

##### **One day seminar on Welding Technology and Safety Processes, Jamshedpur** August 28, 2009

ACMA (ER) organised the second programme on Welding Technology & Safety Processes. Mr. Ranjot Singh, CEO, Emdet Jamshedpur Pvt Ltd. & Regional Council Member, ACMA (ER), welcomed Mr. Y. P. Gambhir, Mr. P. K. Kanjilal and Mr. B. N. Nandi from the Indian Institute of Welding.

Mr. Y. B. Gambhir, in his presentation, discussed in details about the Welding Arc and the Arc Welding Power sources. He defined Welding Arc and its Dynamics, gave a detailed comparison of

various AC power sources & their characteristics, DC power sources, its features and types. Mr. P. K. Kanjilal showed in the presentation, the defects in welding like lack in fusion, porosity, slag inclusion, solidification cracking, hydrogen embrittlement, reasons of defect, the consequences of defect and the remedies. He also discussed the acceptable defects in structure. Mr. Biswajeet Nandi discussed the cost and economics in welding, welding hazards and welding cutting safety.

#### **One day seminar on Kaizen implementation, Jamshedpur** October 13, 2009

ACMA (ER) organised a seminar on Kaizen Implementation in Jamshedpur. Members of the ER got the opportunity to have an interaction with faculties like, Mr. P. D. Kulkarni, National Expert UNIDO from the Western Region, Mr. G. Ananthkrishnan, National Expert UNIDO from Bangalore, and Mr. Sanjay Sharma, National Expert UNIDO, Northern Region. The programme focus was to show, how it is implemented. Mr. P. D. Kulkarni, shared his expertise, experience and techniques learnt while dealing with more than hundreds of companies, discussed in detail the term Kaizen, how to identify Kaizens, How to enhance its activities amongst the employees and the criteria to choose Kaizens.

Mr. G. Ananthkrishnan, explained the Kaizen format design and how to fill-up the format, gave simple problems to solve while doing simple Kaizens and showed the slides which clearly showed that Kaizen can be done in every sphere of life.

Mr. Sanjay Sharma, showed a video presentation on Kaizen which was made at the various plants in the Northern Region. At the end of the programme, Mr. Sanjay Sabherwal, Zonal Co-ordinator, ACMA (ER), and the MD, Metaldyne Industries Ltd., shared experience of his visit to Abilities India Pistons & Rings Ltd., Ghaziabad.

#### **Workshop on Welding Technology, Kolkata** November 12, 2009

ACMA (ER) organised the third Workshop on Welding Technology in Kolkata. Mr. K.R Kavra, Chairman, ACMA (ER), and Chief Executive, Special Engineering Services Ltd. welcomed the faculty Mr. S.K. Das and Mr. Anindya Das from Esab India Ltd. The faculty Mr. Saibal Kumar Das, in his presentation, discussed the various welding techniques and showed the developments in techniques used earlier in automotive companies. A practical demonstration of plasma welding machine was done by Mr. Anindya Das. He explained the features of the machine thoroughly and the delegates also tried their hands to learn the working of plasma machine.

#### **Seminar on New Developments in Cutting Tools, Jamshedpur** December 11, 2009

ACMA (ER) organised a seminar on New Developments in Cutting Tools. Mr. Ranjot Singh, Regional Council Member, & MD, Emdet Jamshedpur Pvt. Ltd. gave a brief introduction of the faculties, Mr. Rupam Mazumdar and Mr. Anand Kumar. The first half of the Presentation was on Emerging Trends in Metal Cutting – Multi Task Machining and Hard Part Machining, taken by Mr. Rupam



Session on Theory of Constraints-How well to use it for SMEs



Seminar of Welding Technology & Safety Processes



Seminar on Kaizen Implementation



Workshop on Welding Technology

Mazumdar. In his presentation, he discussed various methods of cutting tools. He also showed the productivity improvement by hard part turning, which could reduce the working hours and complete the jobs in minutes. The second half of the presentation was on Manufacturing Economics taken by Mr. Anand Kumar. The various components affecting the hourly cost of the machine tools like, invested capital, invested recovery value, depreciation cost, interest rate, no. of shifts, annual rent, investment maintenance and investment power cost, were discussed and how to calculate the hourly cost, taking these components into account was shown.



Seminar on New Development in Cutting Tools



Interaction with President & Vice President, ACMA



ACMA President at the Interaction with ER Members

### ACMA President & Vice President interaction with the Eastern Region members, Jamshedpur

February 24, 2010

Eastern Region members interacted with the ACMA President Mr. Jayant Davar and Vice President Mr. Srivats Ram. Coinciding with the interaction, an interactive session was also organised with Mr. S. B. Borwankar, Plant Head, Tata Motors Ltd., Jamshedpur. Mr. Killol Kamani, Dy. Chairman, ACMA (ER), touched upon the key challenges of the auto industry. He also talked about the slump in the industry, severe liquidity squeeze and rising interest rates, leading to a sharp fall in the sales and production of vehicles.

Mr. Jayant Davar, President, ACMA, touched on the global recession, its impact on the auto component industry, the learnings and the revival of the industry. He talked of the various steps taken by ACMA for the revival, as various stimulus packages were announced by the government. Mr. Davar also laid the stress on strengthening tier-2 and tier-3 in the supply chain if the industry had to scale-up in the coming years and requested members to join the Cluster programmes.

Mr. Srivats Ram, Vice President ACMA discussed in details about the various committees of ACMA, their working pattern and how they were helping members. He also talked about the technology changes and asked the members to be well informed and well prepared for the changes taking place.

Mr. S. B. Borwankar, Plant Head, TML, Jamshedpur, discussed in great details the opportunities available and stressed that industries have to become cost competitive and ensure future business growth by investing in new technologies and processes. He requested the members to come forward with entrepreneurial fervor to grab opportunities, adopt new technologies and grow with quality and dynamism so that the region as a whole benefits.

Mr. S. K. Behera, Past Chairman, ACMA (ER) & MD, R. S. B. Transmissions (I) Ltd. gave a presentation highlighting the activities done in the region. Mr. Sanjay Sabherwal, Regional Coordinator, ACMA(ER) & MD, Metaldyne Industries Ltd. gave vote of thanks.

### OEM Interactions

#### Interaction with Tata Motors Ltd., Jamshedpur

September 10, 2009

ACMA (ER), organised an interface with Tata Motors Ltd., Jamshedpur. Mr. S. B. Borwankar, Plant Head, TML, discussed the key challenges for the automotive industry such as increasing awareness in the customer, cost competitiveness, cyclicity of business, operating cost pressures, stiff emission and other regulatory processes, etc. He also talked about "RACE"- Tata Motor's initiative "Reach & Align for Customer Excitement" making TML a Customer Centric Organisation. As regarding support by TML, he promised guaranteed business for the investments advised, technical support if the need be, award and recognition to good suppliers and more business to the better

suppliers. Mr. Borwankar requested the suppliers to upgrade their manufacturing processes, improve delivery capacity, innovate for cost effectiveness, to join Cluster programmes either by ACMA or CII. Mr. K. R. Kavra, Regional Chairman, ACMA (ER) & Chief Executive, Special Engineering Services, in his address thanked Mr. S. B. Borwankar, Plant Head, Tata Motors Ltd., his team and all the CEOs from the member companies for being there in the first ever interface organised in Jamshedpur. Mr. Sanjay Sabherwal, MD, Metaldyne Industries Ltd. and Regional Co-ordinator, ACMA (ER), gave a presentation on the status of the Cluster programme in the region.

**CEOs visit To Tata Motors Ltd., Lucknow**

January 29, 2010

In continuance of the interaction with OEMs and “Sharing of Best Practices” ACMA (Eastern Region) organised a CEOs delegation to Tata Motors Ltd., Lucknow. The delegation was led by Mr. Killol Kamani, Dy. Chairman, ACMA (ER). Mr. Alok Saxena, Plant Head, along with Mr. Anil Singh, General Manager (Material & Supply Chain) and Mr. M.C. Pande, General Manager (Planning & Projects) Tata Motors, Lucknow were present to interact with the Mission members.

In his welcome address, Mr. Killol Kamani, thanked Mr. Saxena and his team for the opportunity of visiting Tata Motors Ltd., Lucknow. He highlighted the industry scenario, the competition and the challenges that the automotive industry was facing. Mr. S.K. Behera, Immediate Past Chairman, ACMA (Eastern Region) briefed on the initiatives and activities of the region. In his presentation, Mr. Anurag Chharia, AGM (Plant Head Office), Tata Motors Ltd., briefed about the various best practices adopted in the plant in order to improve the quality and to enhance productivity. He also informed the delegates that Tata Motors had been working closely with vendors on the areas like safety, kaizen and improvement activities. The delegation had the opportunity of visiting the Marcopolo plant, Transmission plant, paint shop, assembly line, cowl shop, frame shop. Mr. Beni Daga, Past-Chairman, ACMA (ER) thanked TML for sharing their perspective on several issues.



Interaction with Tata Motors Ltd.



ACMA Memento being presented after the visit to Tata Motors Ltd.



CEOs visit to Tata Motors Ltd.

## From the Region

### Northern Region

#### Building Competencies

##### Workshop on Geometric Dimensioning and Tolerancing (GD&T), New Delhi

April 14-15, 2009

ACMA (Northern Region) organised a Workshop on Geometric Dimensioning & Tolerancing. Mr. Sanjay Malhotra, Regional Council Member, ACMA (NR) and MD, Jumps Auto Industries Ltd., mentioned that the industry was going through a slow down and during such times companies needed to review their systems



Workshop on Geometric Dimensioning & Tolerancing



Certification Ceremony of 9th Batch of Six Sigma Black Belt Programme



Training Programme on Daily Work Management

and processes for corrective actions. Mr. Sanjay Sharma, Counselor, ACT, explained GD&T as a technique of communication between design, manufacturing and inspection. Explaining the topic GD&T, based on Engineering and Manufacturing Principles focussing on "Function" and "Relationship". This needs to be understood throughout the supply chain in an accurate manner so as to ensure less rejections, inter-changeability, integrity of design requirements and uniformity of interpretation. It also helps in facilitating the CAD, CAM Applications.

##### Certification Ceremony of the 9th Batch of Six Sigma Black Belt Programme, New Delhi

April 25, 2009

ACMA (NR) successfully organised 9 batches of the Six Sigma Black Belt programme thereby creating 179 Black Belts amongst member companies in the Northern Region. Mr. Ramesh Suri, Chairman (NR) Northern Region, extended a special welcome to the Chief Guest Mr. Thomas Thym, Head-IPO, BMW India Pvt. Ltd., for joining and conferring the certificates to the successful candidates. Mr. Ram Narayan, the faculty, made a presentation on the basics of "Six Sigma" and how these techniques help organisations in solving problems using simple tools. Thereafter, two of the best projects by the participants were presented. Addressing the participants, Mr. Thomas Thym said that these techniques needed to be applied and adopted in order to get the maximum benefit of the learning and urged the participants to master, teach and spread the knowledge of Six Sigma.

##### Training Programme on Daily Work Management (DWM), New Delhi

April 29, 2009

At the Training Programme on Daily Work Management, Mr. Anuj Mehta, Deputy Chairman (NR), ACMA and ED, Clutch Auto Ltd., said that the system of Daily Work Management, needed to be the way of life and had to be adopted as a 'habit'. The faculty of the programme, Mr. Vikas Sethi, Senior Manager, Sandhar Technologies Ltd., defined DWM as a system that enabled better management of Departments, Functions and Processes. DWM is the management of routine processes, discovering abnormalities, taking countermeasures and preventing their reoccurrence. The Role, Responsibility and Accountability of any process needed to be clearly for implementation of the concept of Daily Work Management.

##### Workshop on 7 QC Tools, New Delhi

May 15, 2009

ACMA (Northern Region) organised a Workshop on 7 QC Tools. Mr. Deepak Gupta, Head (Training, Education & CSR), Minda Industries Ltd., explained that every product that is manufactured in an organisation, is actually the outcome of the talent of the shop floor people. Mr. Manoj Mathur, elaborated on the procedures and effectiveness of QC Tools i.e. 7 Problem Solving Tools, PDCA Cycle, Brainstorming, Check Sheet, Graphs and their respective benefits were discussed at length.

### Training Programme on Poka Yoke and SMED, New Delhi June 12, 2009

Based on the overwhelming feedback received from the previous programme on SMED & POKA YOKE held in March 2009, ACMA (NR) organised a training programme on 'POKA YOKE & SMED'. The focus was to minimise unwanted activities, thus reducing waste of time and product. Mr. Sanjay Malhotra, Regional Council Member (NR), ACMA and MD, Jumps Auto Ltd., mentioned that SMED & POKA Yoke were the two tools which helped in reducing 'Waste' in organisations by limiting excess Motion, Inventories and Waiting Time. Mr. Manoj Mathur, the faculty, briefed that SMED was a method introduced by 'Shigeo Shingo', 'to reduce setup durations' from hours to minutes. The main goal of SMED was to reduce setup time to less than 10 minutes i.e. single digit. He also illustrated how adopting SMED process led to 'reduction in Inventory, Repair and Scrap' and 'Increase in productive run time' and how SMED could be applied to any department of an Organisation i.e. HR, Production, Inventory. Thus by eliminating MUDAs (wastes) in process, one can significantly reduce Lead Time and supply quality product to customers in a more efficient manner. The faculty, Mr. Rakesh Gupta explained the Poka Yoke which is a technique for achieving Zero Defect and is a highly effective way to reduce 'Mistakes' and boost 'Quality'. It is a device which prevents incorrect parts from being made or assembled. Root causes of defects, Error Proofing Techniques and Devices were also discussed at length.

### 6th Quality Circle Competition (Northern Region), New Delhi August 1, 2009

Quality Circles have become a way of life in membership. This was reflected by the overwhelming response to the 6th QC Competitions organised by ACMA (NR). Mr. Ramesh Suri, Chairman (NR), ACMA, stated that QC had a vital role to play in improving the process in any organisation and enhances the grass-root level employee involvement in the activities of the organisation, thereby strengthening the organisation, as a whole.

Speaking at the Valedictory Session, the Chief Guest, Mr. D.K. Sethi, Chief General Manager (Supply Chain-I), Maruti Suzuki India Ltd., said that it was heartening that the spirit of Quality Circle has taken roots in organisations. Mr. Sethi further suggested that the emphasis should be on giving autonomy to the supervisors along-with their teams, to handle the problem related to their work area independently and confidently, which will ultimately help to improve the quality, control the costs and ensure that everyone involved had ownership. Mr. Suri mentioned that many insights had been given by the Jury and the Chief Guest, which would be useful for all the companies to implement and learn from.

### Launch & Module I of 10th Batch of Six Sigma Black Belt Certification Programme, New Delhi August 19, 2009

ACMA (NR) launched the 10th Batch of the Six Sigma Black Belt Training Programme (Level 1), the extensive, 17-days training programme spread over a period of 7 months from August 2009 to February 2010. Mr. Anuj Mehta, Deputy Chairman (NR) & ED,



Workshop on 7QC Tools



Training Programme on Poka Yoke & SMED



6th Quality Circle Competition (NR)

Clutch Auto Ltd., stated that Six Sigma was a requirement for every company and an intensive training programme. It not only helped to get over with chronic manufacturing problems, faced during production process, but also helped in reducing Rejections & Re-work. Mr. Ram Narayan – the faculty then conducted the training programme.

### Training Programme on QC Circles, New Delhi October 9, 2009

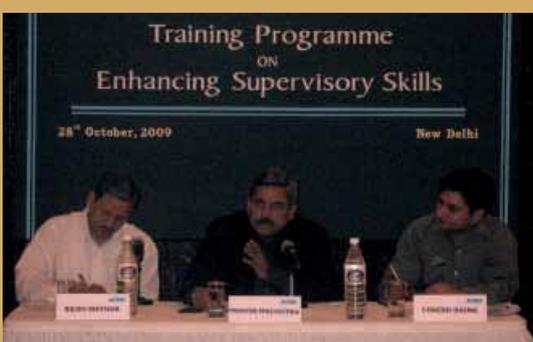
ACMA (NR) organised a One Day Workshop on Quality Circles (QC). Mr. Anuj Mehta, Zonal Coordinator (NR), ACT & ED, Clutch Auto Ltd., stressed that Human



Launch & Module I of 10th Batch of Six Sigma Black Belt Certification Programme



Training Programme on QC Circles



Training on Enhancing Supervisory Skills



Programme on Daily Work Management

Potential and Talent were a key to success for any organisation. Mr. Manoj Mathur, the Faculty, explained that QC originated from Japan and the reason for its success was that it started only after top management and middle management were trained in QC. The faculty, during the presentation elaborated on how to achieve world class status, Contribution & Impact of Top Management People on Quality Circles, how to start a quality circle, Pitfalls & Remedies associated with Quality Circles.

#### **Training Programme on Enhancing Supervisory Skills, New Delhi**

October 28, 2009

Enthusied by the overwhelming response to the training programme held earlier in Delhi, Ludhiana, Faridabad and Rohtak, ACMA (NR) organised a one day training programme in Delhi. The focus was on the key skills Supervisors should possess, in order to align and synchronise the goals of organisation, with needs of workers. Mr. Pravin Malhotra, Regional Council Member (NR), ACMA and MD, Nipman Fastener Industries Pvt. Ltd., emphasised that supervisors act as a channel between the management and workers. Mr. Rajiv Mathur, the faculty, explained that good planning, organising, directing, efficient delegation, Identifying and resolving problems were basic traits of a good supervisor. Mr. Mathur explained how better planning and scheduling of work, provided an easy environment to subordinates, and kept them motivated to come up with new innovative ideas.

#### **Training Programme on Daily Work Management, Ludhiana**

November 25, 2009

In continuation of its activities towards improving the efficiency amongst membership, ACMA (Northern Region) organised a Training Programme on Daily Work Management in Ludhiana. In his welcome address, Mr. U.S. Ahuja, Member – Regional Committee, ACMA (NR) and MD, New Swan Enterprises Ltd., said DWM is essential to all Organisations, however, it was needed to be properly mastered.

The faculty for the programme - Mr. Manoj Mathur, Senior Counsellor, ACT, defined DWM as a management system that was part of the organisational improvement structure. Mr. Mathur further explained the Standards and exactness, Deming PDCA Cycle and its impact on DWM. He said absence of a good DWM, led to Poor profitability, delivery and output quality. He also elaborated the roles and responsibilities of Operators, Supervisors, Engineers, Managers and CEOs. Besides this Concept of Visualisation, Visual management was also elaborated by Faculty. There were model DWM videos which were shown to participants.

#### **Six Sigma Green Belt Certification Programme (3rd Batch), New Delhi**

December 17-19, 2009

The 3rd batch of the 5-days Certification Programme on Six Sigma Green Belt was launched by ACMA (NR). Welcoming the participants, Mr. Anuj Mehta, Zonal Co-ordinator (NR), ACT and ED, Clutch Auto Ltd. emphasised on using the process improvement tools to reduce the defect levels to below 100 ppm.

Mr. Mehta introduced Mr. Ram Narayan – the faculty for the training to the participants. Mr. Ram Narayan has been the sensei for all the earlier batches.

### Certification Ceremony of Six Sigma Green Belt & Black Belt Programme, New Delhi

February 24, 2010

The Certification Ceremony for the 10th Batch of Six Sigma Black Belt Programme and for 3rd Batch of Six Sigma Green Belt Programme was organised by ACMA Northern Region. Mr. Rattan Kapur, Deputy Chairman (NR), stressed on the need for fostering Six Sigma culture in the industry. Mr. Ram Narayan, the Faculty, made a presentation on the basics of “Six Sigma” and how these techniques help organisations in solving problems using simple tools. Thereafter, two best projects each from the Black and Green Belt programmes were selected. Mr. Rajeev Wasan, Vice President-Manufacturing (Tapukara Plant) & Executive Advisor HRAP-1, Honda Siel Cars India Ltd., was the Chief Guest at the function and conferred the certificates. Addressing the participants, the Chief Guest said that Six Sigma was not only a technique but “a way to achieve Business Excellence”. He laid emphasis on data which played a vital role and had to be collected from the beginning of any activity for correctly arriving at the root cause of any problem.

### Training Programme on Poka Yoke, New Delhi

March 12, 2010

Based on the overwhelming response and feedback received from the participants in the earlier programmes held on the subject in March and July 2009, ACMA (NR) once again organised a one day training programme on Poka Yoke. Mr. Anuj Mehta, ACT Regional Co-ordinator (NR) and Executive Director, Clutch Auto Ltd., mentioned Poka Yoke as a technique to eliminate mistakes. Mr. Mehta also stressed on the need for sharing knowledge throughout the plant in order to horizontally deploy knowledge and learning. Mr. Rakesh Gupta, the faculty, explained about Poka Yoke and emphasised on creating a Poka Yoke world by implementing Poka Yoke techniques. He highlighted the possible root cause for non - conformance/defects by explaining the 6M factors (Man, Material, Machine, Method, Measuring Equipment, Material Handling Equipment). POKA YOKE is a Japanese technique started by Dr. Shigeo Shingo to avoid human error at work for achieving Zero Defect. This technique is a highly effective way to reduce 'Mistakes' and boost 'Quality' and is a device which prevents incorrect parts from being made or assembled.

### Export Drive Initiatives

#### One-to-One Business Meetings with Korean Delegation, New Delhi

April 23, 2009

An 11-member delegation from the Incheon City, Republic of Korea, Sondo Technopark, visited New Delhi from 22nd-24th April, 2009 to explore possibilities of partnership and enhancing business opportunity with Indian companies. ACMA (NR) organised one-to-one business meeting, for its members with the Korean companies. Welcoming the delegation, Mr. Ramesh Suri,



Six Sigma Green Belt Certification Programme (3rd Batch)



Training programme on Poka Yoke

Chairman, ACMA (NR), mentioned that companies like Hyundai, LG, Samsung, have large presence in the Indian market. The delegation was led by Mr. Kim Jun Ki from the Incheon City Government. Mr. Lee articulated the keenness of Korean industry in exploring business opportunities and partnerships with Indian companies. The visiting companies from Korea also made brief presentations on their profile companies. More than 30 one-to-one meetings was organised with the visiting delegation.

### OEM Interactions

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

December 23, 2009

Mr. R.C. Bhargava, Chairman, Maruti Suzuki India Ltd., was the Chief Guest at an interaction with the Northern Region members. Mr. Ramesh Suri, Chairman, ACMA (NR), gave a brief on the auto component industry, with a special thrust on the key challenges facing the industry.

Mr. Jayant Davar, President, ACMA, informed members on the FTAs signed by the Government of India with ASEAN and Korea. ACMA had been closely interacting with the Government on other proposed



Business Meetings with Korean delegation



Interaction with Mr. R. C. Bhargava

FTAs/RTAs/PTAs, WP.29 etc. Mr. Davar also briefed the members about the new committees set up in ACMA and new initiatives being taken in the area of carbon print, counterfeiting, etc. Mr. Srivats Ram, Vice President, ACMA, touched upon some of the important aspects including situation on IR, Auto Expo and Pre-Budget Memorandum. He also urged members to actively participate and share information with the Association.

Acknowledging the contribution of the auto component industry, Mr. R.C. Bhargava, said that the automobile industry in India has come a long way. He emphasised on the need for managing challenges like growth, investment in manpower, changing socio-political climate, ability to improve cost productivity over a period of time, improve labour productivity and better technology.

### Other Programmes

#### Interaction with Mr. Mukul Pandaya, Chief Editor, Knowledge@Wharton, New Delhi

April 22, 2009

ACMA (Northern Region) organised an interaction of CEO's from the Northern Region on the current economic scenario with Mr. Mukul Pandaya, Chief

Editor, Knowledge@Wharton, an online research journal of the Wharton School, University of Pennsylvania. Welcoming Mr. Pandaya and the CEOs from the Northern Region, Mr. Suri said in spite of the immense pressures, in order to keep the units running, the automotive industry in particular was trying to cut down non productive expenses, enhance its productivity and reduce the cost. Mr. Pandaya shared his perspective on the recent financial crisis. He urged the automotive industry to look beyond cost cutting and to take steps for improving capabilities and focus on prospects with long-term viability: increasing production flexibility to ensure better response to demand shifts; preserving future product development and technology investments; sharpening the product strategy; reducing debt and introducing process innovations.

#### Members Meeting with Mr. James E. Smith, President, SAE, New Delhi

December 8, 2009

ACMA (NR) along with Society of India Automobile Manufacturers (SIAM) organised a Luncheon meeting with President, Society of Automotive Engineers (SAE), Mr. James E. Smith. Mr. Ramesh Suri, Chairman, ACMA (NR), in his address welcomed Mr. Smith and Mr. Murali M. Iyer of SAE for their visit to India. Mr. Murali of SAE International in his address briefed the participants of the activities of SAE India. He also informed about the 2 BAJA events organised by SAE India and other competitions being organised by SAE for the students. Mr. Smith, President, SAE in his presentation focused on the various aspects of Innovation and Leadership. Earlier, Mr. K.K. Gandhi, ED (Technical), SIAM, made a presentation on the Indian automotive industry.

#### ACMA Invitational Golf Tournament during Auto Expo 2010, Greater Noida

January 8, 2010

Coinciding with the Auto Expo 2010 and as part of celebrating the 50 years of Service to the Auto Component Industry, ACMA (Northern Region) organised second edition of the Invitational Golf Tournament on 8th January, 2010. More than 50 CEOs from the vehicle and auto component industry, senior government officials and diplomats took time - off from the hectic frenzy of the Auto Expo. Some of the prominent participants included Mr. R.C. Bhargava, Chairman, Maruti Suzuki India Ltd., Mr. Sudhir Rao, COO, Renault India, Mr. Dinesh Rai, Secretary, Ministry of Micro, Small & Medium Enterprises, Mr. Rajesh Singh CEO & Project Director, NATRiP, H.E. Mr. Lars Olof Lindgren, Ambassador of Sweden, H.E. V. Enkhbold, Ambassador of Mongolia and Mr. Jim Nickel, Deputy High Commissioner of Canada. This was part of ACMA's initiative to encourage greater bonding amongst the various stake-holders of the auto component industry.

### New Initiatives

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

May 29, 2009

ACMA (NR) organised a Training Programme on 'Goal Setting & Motivation'. Mr. Arvind Gupta, Deputy Director, ACT, welcomed the faculty Mr. Jagabandhu Banerjee and explained the relation

between Goal Setting and Motivation and how it led to Success. He also defined how quantification of goals was important. Mr. Gupta further briefed that Goal Setting had to be done at the Management Level as the Management has to set targets and direct their workers. Mr. Banerjee explained the importance of Goal Setting for achieving success in real life. He said that a successful person is motivated by the clear Goals set for himself and his team. 'Goal Setting Model' along-with the Objectives and Benefits of Goal setting and Motivation were also discussed at length for fostering the concept.

**Training Programme on Enhancing Competitiveness through Quality & Customer Satisfaction, New Delhi**  
December 2, 2009

Continuing on the initiative to improve quality and customer satisfaction among the managers, ACMA (NR) organised a training programme with focuss on Quality, Prioritising actions, balancing all needs of customers, i.e.: Timeliness, Value, Feature-richness and Reliability. Mr. Pravin Malhotra, Zonal Coordinator (Uttar Pradesh), ACMA (NR) and MD, Nipman Fasteners Pvt. Ltd., welcomed the faculty Mr. Rajiv Mathur, and emphasised the need to make India stronger in times to come. He explained that cost reduction, speed of delivery and creating customer delight through innovations were the challenges in the auto component industry. Mr. Rajiv Mathur, gave valuable inputs and emphasised on Deming's philosophy to become world class organisation, to avoid seven deadly diseases and fourteen points for TQM. He further elaborated the "Westinghouse Total Quality Model" along with the case study.

**Training Programme on Value Stream Mapping, New Delhi**  
December 11, 2009

As part of its planned activities for the Region, ACMA (Northern Region) organised Workshop on Value Stream Mapping (VSM). Mr. Sanjay Malhotra, Regional Council Member, ACMA (NR) and MD, Jumps Auto Industries Ltd., explained that Value Stream Mapping (VSM) was a tool to visualise, understand and to improve processes appropriately to improve manufacturing processes.

Mr. Rakesh Gupta, Sr. Counselor, ACT, the faculty for the Workshop while explaining the process of VSM said that it helped to see and understand the flow of material and information, as a product made its way through the value stream. The VSM process includes physically mapping the current state while also focusing on where one wanted to be (future state). The objective has to be to reduce Lead time in a manufacturing shop (door-to-door). Mr. Gupta further elaborated that Value Stream contains both value added and non-value added activities currently required to transform a product from raw material stage till it reaches the end customer. It is a tool which helps in establishing Lean Manufacturing System in company. He added that automotive component manufacturing companies could achieve breakthrough results using such a tool.



Interaction with Mr. Mukul Pandaya



Golf Tournament during Auto Expo 2010



Training Programme on Goal Setting & Motivation



Training Programme on Enhancing Competitiveness through Quality & Customer Satisfaction

## From the Region

### Southern Region

#### Building Competencies

##### Workshop on SMED at NTTF Industries Ltd., Bangalore

April 17, 2009

Addressing the concept of productivity improvement, ACMA (SR- Karnataka & Hosur) organised a Workshop on Single Minute Exchange of Dies (SMED) at NTTF Industries Ltd. The workshop included a presentation



Workshop on SMED



Certification Ceremony of 6th Batch of Six Sigma Training Programme



Workshop on Team Building

session, plant visit and a practical demonstration of SMED. Speaking on the topic "Why SMED", Mr. Venugopal, Director-Training of NTTF, mentioned that the concept was used for "saving money by avoiding wastage of work." While the concept is called SMED, it actually means a single digit (reckoned in minutes) exchange of dies. Mr. Venugopal explained the concept in terms of time/value/money lost during setup changes on the shop-floor. He mentioned that Overall Equipment Efficiency was addressed while implementing the concept. Earlier, inaugurating the Workshop, Mr. K. Sundararaman, Deputy MD, TG Kirloskar Automotive Pvt. Ltd. and the Convener of the Workshop. Mr. Sundararaman urged the participants to make the most of the opportunity, by understanding the processes followed by NTTF and learning from the experts.

##### Certification Ceremony of the 6th Batch of Six Sigma Training programme, Chennai

May 28, 2009

ACMA has been propagating and conducting various training programmes to address the vital issue of costs. The cluster programmes, sharing of experiences and Sigma are all aimed at enhancing the competitiveness of the auto component industry, said Mr. J. Sridhar, Zonal Coordinator (Chennai & Nearby), while addressing members at the Certification Ceremony of the 6th Batch of Six Sigma Training programme. Mr. Ram Narayan who started with ACMA as a faculty for this programme has imparted training to more than 20 batches in ACMA across India. Ram subsequently has also taken up the role of the faculty for the CII Six Sigma programme which was inspired by the success of ACMA's training programmes, said Mr. Sridhar. Mr. Nandakumar of Delphi-TVS a successful candidate of the training programme made a presentation on the Project undertaken by him during the training.

##### Workshop on Team Building, Chennai

May 29, 2009

Team Work and Team Building is the need of the hour, especially when the industry was passing through a recessionary phase, said Mr. J. Sridhar, Zonal Coordinator (Chennai & Nearby) inaugurating the Workshop on Team Building. Mr. Bharath, the faculty, during the programme, cited incidents of team work based on examples from day-to-day life in Tamil and English. He also emphasised the importance of training, group discussions, participation, communication & skill development. He also explained in detail the qualities and role of a Team Leader, how to run team meetings, dealing with problems & conflicts and motivation.

##### Workshop on Productivity Improvement through Waste Elimination, Bangalore

May 29, 2009

The half-day workshop on Productivity Improvement through Waste Elimination was organised by ACMA (SR-Karnataka and Hosur). Mr. C.R. Shashidhar, VP-Finance, Stumpp Schuele and Somappa, standing in for Mr. Ravi Machani, Commercial Director

of the Company and the Convenor of the Programme, said in his opening address that such a workshop was critical in today's recessionary phase as companies were looking to optimise available skills and resources. Mr.G.Ananthkrishnan, the faculty, emphasised that for each kind of waste, there needed to be a strategy in place to reduce it or eliminate its effect, thereby improving overall performance and quality.

#### **Visit to Sundaram Clayton Ltd. Hosur on TPM Practices, Hosur**

June 13, 2009

ACMA (SR-Karnataka and Hosur) organised a visit to the Die Casting Division of Sundaram Clayton Limited (SCL), to understand their TPM practices. Introducing the Die Casting division at SCL, Mr. S Srinivasu, GM, went on to trace the journey of TPM from how it was conceptualised to what it is today. He observed that there were no institutes offering die-casting as a course. Hence, when companies expanded, technical resources were difficult to get. SCL follows the 8 pillar approach of TPM, that Autonomous Maintenance, Focused Improvement, Progressive Maintenance, Quality Maintenance, Education & Training, Environment & Safety and Initial Control were the various pillars. Following the presentation, a visit to the shop floor was organised, wherein the concepts were demonstrated.

#### **1st Six Sigma Black Belt Programme – ACMA (SR- Karnataka & Hosur) Certification Ceremony, Bangalore**

June 13, 2009

Mr. S Thiagarajan, Zonal Coordinator, Karnataka and Hosur, handed over certificates to the successful candidates of the First Six Sigma Black Belt Programme held in Bangalore from July to December 2008, on June 13, 2009. Speaking on the occasion, he congratulated all the participants and appreciated the commitment shown by the Faculty Mr. Ram Narayan.

#### **Workshop on Kaizen & Poka Yoke & visit to Wabco TVS Ltd., Chennai**

June 24, 2009

Poka-Yoke & Kaizens are now a culture in our production and manufacturing processes, said Mr. J. Sridhar, Zonal Coordinator (Chennai & Nearby) at the workshop. Welcoming the participants Mr. B. Thiagarjan, In-charge of Training at WABCO TVS, gave a brief overview of the company, its products, customers and awards won. Mr. T.R. Narasimhan, Manager-TQC, WABCO TVS while making his presentation mentioned that Kaizen was a way of life. He showed various Kaizens initiated and implemented by the employees at their work place. While Poka Yoke helped in error proofing, it also helped in eliminating inspection – a non value added activity, helped avoid mix-up and enabled flexible manufacturing. The presentations were followed by a guided tour to the plant and the areas where Kaizens and Poka Yoke were implemented.

#### **4th Quality Circle Competition, Bangalore**

July 11, 2009

The 4th ACMA (SR) Quality Circle Competition held, had 46 QC teams vying with each other for the coveted winner's trophy. The



Workshop on Productivity Improvement through Waste Elimination



Visit to Sundaram Clayton Ltd.



Certification Ceremony of 1st Six Sigma Black Belt Programme (Karnataka & Hosur)

programme was convened by Mr. P S Bashyam, VP, Sundaram Auto Components Ltd. Mr. S. Thiagarajan, Zonal Coordinator (Karnataka & Hosur), ACMA (SR), speaking on the occasion, mentioned that QC was being practised in many companies and has proved to be a successful tool for problem solving and team building. Mr. V Ramesh, VP, Quality Assurance and Product Design and Development, Toyota Kirloskar Motor Pvt. Limited, was the Jury Chairman and also the Chief Guest at the Inaugural Session. He mentioned that such a competition provides a platform to members to showcase their potential in solving problems at their work site. The jury



Workshop on Kaizen & Poka Yoke & Visit to Wabco TVS. Ltd.



4th Quality Circle Competition



Presentation on Latest Trends in Product Life Cycle Management

comprised of Mr. B N Jagadeesh Prasad, Hon. Vice Chairman, QCFI, Mr. M S S Murthy, Formerly Manager, Quality Control, Hindustan Aeronautics Ltd, Mr. N V Krishna, Formerly Regional Director-NPC and Chairman Training Advisory Committee QCFI, Mr. N K Patil, Formerly Joint GM-HMT, Mr. B Thej Kumar, Senior Manager Operations, TG Kirloskar Automotive Pvt. Ltd, Mr. Balagangadhara Tilak, Deputy Manager-TQM, Rane Madras Ltd, Mr. T R Narasimhan, Manager-TQC, WABCO TVS-Chennai and Mr. M. Gururajan, Sr. Manager Quality-Harita seating systems Ltd. and Mr. P Sampath Kumar, Assistant Manager HRD and TQC, Harita Seating Systems.

Mr. Akash Passey, MD, Volvo Buses (South Asia) was the Chief Guest at the Valedictory Function and gave away the trophies. Welcoming the dignitaries and participants, Mr. Srivats Ram, Chairman, ACMA (SR), gave a brief on ACMA and its services to the industry. Mr. P S Bashyam, the Convener for the Competition, thanked all for their presence and highlighted the significance of QC especially for SSI members.

#### **Presentation on Latest Trends in Product Life Cycle Management (PLM), Bangalore**

July 18, 2009

ACMA (Southern Region-Karnataka & Hosur) organised a presentation by Mr. V Karthikeyan, Director – Technical, EDS Technologies on the Latest Trends in PLM. This session aimed to demonstrate how PLM can improve business processes as well as maintain innovation through this difficult period. The presentation highlighted the importance of a Digital Economy. Mr. Karthikeyan mentioned that the key Industry Drivers were Globalisation, Cost Reduction, Product Life Cycle and Competition. He explained the concept of Virtual Design and elaborated on the CAD/CAM methodology and Digital Mockup. He described solutions for various stages – Concept, Design prototype, Product release, Change control, Manufacture/ maintenance and service.

#### **Conference on De-Risking Exports, Chennai**

July 24, 2009

To enlighten the membership at large on how some of the companies went about de-risking their exposure in context of exports post global recession, ACMA (SR) organised a Conference on “De-risking Exports”. The meeting was attended by the members of the SR and the Executive Committee. Mr. Ashok Taneja, Past-President, ACMA & MD & CEO, Shriram Pistons & Rings Ltd. and Mr. Soumitra Bhattacharya, Senior VP, Bosch Ltd. made presentations from an Indian and Global Company's perspective respectively. A perspective on Finance was presented by Mr. N. Shankar, ED, Export-Import Bank of India. Welcoming the participants, Mr. Srivats Ram, Chairman (SR), ACMA, expressed concern that the past few quarters saw margins from exports erode and unsatisfactory return on investments on capacity creation by the Indian auto component industry.

Setting the theme for the Conference, Mr. Dhiraj Mathur, ED, and Mr. Abdul Majeed, Principal Consultant, PricewaterhouseCoopers Pvt Ltd., mentioned in view of the uncertainty created by the exchange range volatility and the change in automotive landscape in matured markets the focus would see a shift from market share to profitability.

Giving an Export Financiers view, Mr. N. Shankar, ED, Export-Import Bank of India, mentioned the crisis was driven by three key factors, firstly, global recession and financial crisis; secondly, shift to small/basic cars and a move towards more fuel efficient technology and thirdly, due to collapse of truck sales globally compounded by low order bookings driven by frozen credit markets and reduction in trade volumes.

Giving an overview of the Bosch Group, Mr. Soumitra Bhattacharya, Senior VP (Finance & Administration) Diesel

Systems India, mentioned that India was an important strategic location for the Group.

Presenting his perceptions on De-Risking Exports, Mr. Ashok Taneja, MD & CEO, Shriram Pistons & Rings Ltd. mentioned that their company had taken a policy of 60:20:20 for OE, Exports and Aftermarket respectively to help tide over cyclical and external changes to the business environs. He opined that the international markets were highly sophisticated and that the Indian industry was lagging behind especially in technology.

Summing up, Mr. Harish Lakshman, Deputy Chairman, ACMA (Southern Region) thanked all the speakers for their insights and suggestions in managing the risks provided with exports.

#### **ACMA (SR)-ACT-ACMA IT Committee Special ERP event for ACMA SMEs featuring Openbravo, Bangalore**

October 28, 2009

The ACMA IT group organised a half day event to introduce OpenbravoERP to the ACMA SMEs. Openbravo's CEO, Mr. Manel Sarasa, and their CTO, Mr. Paolo Juvara, showcased Openbravo's, functionality and suitability. In addition, a demo of Openbravo solution already implemented at an ACMA SME firm in Chennai was carried out. As part of ACMA IT Sub Committee's remit, various ERP systems that suit the needs of the SMEs (Small and Medium Enterprise) amongst Indian auto component manufacturers were identified and studied. One of the systems was Openbravo, a full fledged open source ERP system used by several companies worldwide. The programme was kicked off with a presentation by Mr. Ravi Machani, Chairman IT, on the initiatives undertaken by the sub-committee. Introducing ACMA and the mandate of the IT committee, he mentioned that the vision of the committee was to enable IT usage as a competitive edge. Acknowledging the IT challenges faced by most companies, he remarked that most companies struggled with IT. Following the presentation, there was a demo of the implementation of the solution at a Chennai SME. After the demo, the team from Openbravo presented their solution. They explained that Openbravo's community version can be downloaded, implemented, modified and used free of cost by the SMEs.

#### **ACT-ACMA Launch of 2nd Batch of Six Sigma Training Programme, Bangalore**

December 7-9, 2009

Following the overwhelming success of the first batch of the Six Sigma Training Programme held last year, ACMA (SR-Karnataka and Hosur), inaugurated its second batch. Speaking on the occasion, Mr. Anil Haridass, Deputy Chairman (SR) and Convenor of the Six Sigma programme, explained that such initiatives led to multiple benefits to the participating companies and that he hoped that each participant would take back important lessons from the modules and replicate them in their respective companies. Mr. Ram Narayan, the faculty then took up the following modules - Introduction to Six Sigma Philosophy, How to Select the BB Projects, Introduction to DMAIC Phases and Shainin Design of Experiments (DOE) Tools for Problem Solving.



Conference on De-Risking Exports



ERP Event featuring Openbravo

#### **Training Programme on 5S, Sundaram Clayton Ltd., Chennai**

January 20, 2010

Continuing the trend of strengthening the base of the pyramid of an organisation, ACMA (SR) organised a Training Programme on 5S at Sundaram Clayton Ltd. (SCL). Mr. J. Sridhar, Zonal Coordinator-Chennai & Nearby thanked SCL for hosting the programme and sharing its learnings. Welcoming the participants, Mr. S.Mohanakrishnan, VP-Manufacturing, SCL, mentioned that each participant should strive to be a "5S" person. Mr. Mohanakrishnan related 5S in a simplistic way to real life situation. The training programme was conducted by Mr. Hemant Kumar, Manager TQC, SCL. Talking about the culture of 5S in the organisation, Mr. Hemant mentioned that 5S was taken very seriously companywide. The fact, that the President of the company reviewed the same on the 1st working day of every month against the targets set and achieved, showed the importance and value given to it by the top management. The training session was followed by a visit to the shop-floor, where participants witnessed the implemented 5S and the benefits. Participants also got an opportunity to witness Poka Yokes and Kaizen implemented at the Shop Floor.



Launch of 2nd Batch of Six Sigma Training Programme



Programme on 5S at Sundaram Clayton Ltd.



Delegation visit to IMTEX Forming & Tooltech 2010

### ACMA (SR) Delegation to IMTEX Forming & Tooltech 2010, Bangalore

January 21, 2010

Led by the President, Mr. Jayant Davar, ACMA (SR) organised a 16-member delegation to IMTEX Forming & Tooltech 2010. Mr. Davar who was also the Guest of Honour at the Inaugural of the event mentioned that the auto component industry viewed the Machine Tool industry as its key partner in progress. Mr. Davar apprised the machine tool industry of the growth of the auto sector and that there would be huge pressure on demand by the customers. Mr. Davar also

welcomed the idea of continuous dialogue between ACMA and IMTMA to update each other on the trends, technologies and requirements of the industry. ACMA also had an information booth at the exhibition which disseminated information on the auto component sector.

### Workshop on Poka Yoke & Kaizen, Bangalore

January 29, 2010

Members of K&H visited Toyota Kirloskar Auto Parts (TKAP) as part of an ACMA (SR) Workshop on Poka Yoke & Kaizen. This was an interactive session conducted by the TKAP's in-house training and Kaizen departments. Mr. K G Mohan, Zonal Coordinator, Karnataka & Hosur, welcomed participants and requested them to make the programme an interactive one. In his address to the participants, Mr. Fukaya, Vice President, Production, TKAP mentioned that kaizen was the starting point and it was a continuous process to give continuous results. He urged the participants to take the opportunity to learn and implement Poka Yoke and Kaizen in their work places. The presentation on Poka-Yoke highlighted the objectives of Poka Yoke or mistake proofing and illustrated a few simple methods by which it built-in the quality process and human errors could be avoided.

### Module-2 of 2nd Batch ACMA (SR) Six Sigma Training Programme, Chennai

February 1-4, 2010

The second module of the Six Sigma programme was conducted. The participants actively participated and took up addressal of problems as projects. The third module of the Six Sigma programme was held from 15-17 march at the K&H office of ACMA.

### Government Interactions

#### Pre-Budget recommendation meeting with Chief Minister of Karnataka, Bangalore

February 20, 2010

The Chief Minister called for a meeting with all the associations in Karnataka to get their pre-budget recommendations on February 20, 2010, at Vidhana Soudha. ACMA was represented by Mrs Anu Gupta, Kavia Engineering and ACMA secretariat. Inputs from the auto component sector were also included in the Pre budget recommendations made by Mr. Parabhraman, Chairman, CII Karnataka.

#### Meeting with Shri V P Baligar, IAS, Principal Secretary, Commerce & Industries Department, Government of Karnataka, Bangalore

March 20, 2010

Subsequent to the interaction with Mr. V.P. Baligar, Commerce & Industries' Secretary, Government of Karnataka in November 2009 at the President and Vice President interaction with members, Mr. Baligar had suggested that ACMA should work closely with the Government. Taking it forward, a core group of ACMA members met with Shri Baligar. The group led by

Mr. K.G. Mohan Kumar, Zonal Co-ordinator- K&H Chapter, included Mr. F R Singhvi, JMD, Sansera Engineering Pvt. Ltd, Mr. Anil Haridass, MD, Bill Forge Pvt. Ltd and Mr. Ravi Machani, JMD, Stumpp, Scheule & Somappa Springs Pvt. Ltd. Mr. K.G. Mohan Kumar requested the Government of Karnataka to invite ACMA to be part of its various Committees and Task Force. The group apprised Shri Baligar on the issues that were being faced by industry in the different areas of infrastructure, tax, and pending clearances.

### OEM Interactions

#### **Presentation on Expectations of an OEM from its supply chain by Mr. M. N. Varadarajan, Vice President – Materials, TVS Motor Company Ltd. Bangalore**

August 8, 2009

As part of ACMA's continuous quest to help member companies serve their customers better, ACMA (SR-Karnataka and Hosur) organised a presentation by TVS Motor Company on the expectations of OEMs from their supply chain. In his opening remarks, Mr. S Thiagarajan, Zonal Co-ordinator, Karnataka and Hosur, ACMA (SR), introduced the presenter, Mr. Varadarajan, Head of Materials, TVS Motor Company. Mr. Varadarajan, in his presentation, addressed various issues including current challenges and opportunities, sourcing models, factors influencing supplier selection, need for a lean supply chain and expectations from the supply chain on QCDD. Speaking about expectations from a Tier 1 supplier, Mr. Varadarajan explained that weightage would be given to those companies that had a competent new product development team, ability to meet demand fluctuations, robust Quality Management System, stable workforce, stress on safety standards and a sustainable Q&D system with Tier 2 suppliers.

#### **Visit to and interaction with Ashok Leyland Ltd. and TVS Motor Company Ltd., Hosur**

October 9, 2009

The Southern Region activities for the year started visit to TVS Motor Company and Ashok Leyland -- two major customers of members in the Region. ACMA EC members also joined the visit along with few members from the NR and WR. Mr. Harish Lakshman, Chairman (SR), ACMA, gave a brief to the OEMs on the component industry.

Welcoming the delegation, Mr. Rajesh Oomen, General Manager, TQC, TVS Motor Company, gave a brief overview of the company. The shop floor visit included a presentation of case study by the shop-floor associates on TEI. Members saw excellent customisation and integration of PLM and SAP ERP for real time information and data on the systems and process in manufacturing. Mr. K.N. Radhakrishnan, President & CEO, while interacting with the ACMA delegation, mentioned that the industry needed to respond fast in terms of the changes in the environment and customer needs. Giving a brief overview of the company Mr. Ved Parkash, Head-Quality & TQM, Ashok Leyland, said the company was customising its products for Defence. The MISSION GEMBA introduced by the company saw daily exchange



Workshop on Poka Yoke & Kaizen



Delegation Visit to Uttarakhand

of ideas and issues at its Gemba Communication Centre, said Mr. Gajendran. Mr. Veer Raghavan presented the efforts made by the company on the Environment Management front. The visit to the shop floor included a visit to the assembly, Cab Panel Press Shop (CPSS) and the Paint Shop. Both companies were using management techniques like GEMBA and TQM.

#### **Robert Bosch shares their production monitoring systems and solutions with ACMA Members, Bangalore**

October 10, 2009

A team led by Mr. Sudhakar Kunte, VP-Engineering Section, from Robert Bosch Engineering and Business Solutions Limited (RBEI) addressed ACMA members of Karnataka & Hosur on factory automation solutions. Highlighting the emphasis on quality initiatives that RBEI believes in, the team said that every service offered by them was scrutinised for quality. The presenters then went on to address the services provided by RBEI in India, which could be categorised as Engineering Services, IT Services and Business Services. According to them, RBEI's expertise spans Automotive Technology, Consumer Goods and Building Technology and Industrial Machinery and



Interaction during Uttarakhand Visit



ACMA delegation visit to Uttarakhand



Interaction with RBEI



Delegates at Delphi-TVS Shop Floor visit at Uttarakhand

Components. The presentation also dwelled upon their IT services including application development and maintenance, validation services, infrastructure management and legacy migration. Speaking on the occasion, Mr. K G Mohan Kumar, Zonal Coordinator, Karnataka and Hosur (ACMA-Southern Region), introduced the speakers and said that the team was looking to address Production monitoring systems and solutions provided to assist the production team in taking quick and well informed decisionst.

### Visit to & interaction with Tata Motors Ltd. & Mahindra & Mahindra Ltd., Uttarakhand

March 3-4, 2010

Mr. Harish Lakshman, Chairman ACMA (SR), led the first ever 22-member delegation to Uttarakhand focusing on customer interaction and sharing of best practices. Members from South, West, North and East joined the visit to Tata Motors Ltd., Mahindra & Mahindra Ltd., Delphi-TVS Diesel Systems Ltd. and Minda Industries Ltd.

The delegation interacted with Mr. Prasann K. Chobe, Plant Head and team at Tata Motors Ltd. The plant manufactures Small Commercial Vehicle (SCV) Ace and its variants and the Tata Nano, One of the highlights of the visit was the Nano line which had high level of automation and technology. Mr. Chobe during the interactive session mentioned that Common Rail was being introduced in ACE which was also fitted with the Stop-Start feature for better fuel efficiency. The company was ready with BS III and IV versions. Plans were also afoot to initiate R&D activity in the plant.

Welcoming delegates at the Delphi-TVS Diesel Systems facility, Mr. Sudesh Sud mentioned that Small Group Activities was one of the major differentiators in the plant in Uttarakhand. He highlighted the efforts being made to de-skill operations in the pump sub-assembly and on cycle time reduction. Other best practices shared and witnessed during the visit to the shop floor were Kaizens, Poka Yokes and efforts being made for cost reduction and elimination of machine brake down.

Minda Industries Ltd. shared its best practices on TPM. Mr. Bimal Bedi, Plant Head, explained in detail the steps of Jishu Hozen which included 1S, 2S, tagging, machine layout with stage wise machine description, identifying sources of contamination and Kaizens.

At Mahindra & Mahindra, welcoming the delegation Mr. S.K. Dubey, Vice President and Plant Head (FES), mentioned that the company was world's 1st tractor company to get the Deming Prize and the Japan Quality Medal (JQM). M&M Farm Equipment Sector (FES) was the market leader with over 43% of market share. Over 50% of the total FES business of M&M was contributed by the Uttarakhand plant. The employee performances were measured in terms of Productivity, Quality, Cost, Delivery, Morale, Safety and CSR.

## Other Programmes

### Discussion with the Technical and Further Education (TAFE) mission, Victorian Government, Australia, Chennai September 22, 2009

Technical and Further Education (TAFE) mission (similar to Industrial Training Institutes (ITIs) in India) interacted with ACMA. The delegation was sponsored by the State Government of Victoria, Australia in conjunction with Victorian Employers Chamber of Commerce and Industry (VECCI) which included a group of Victorian Vocational Education and Training (VET) providers. Welcoming the participants, Mr. Gopi Shankar, Trade Manager, State Government of Victoria, thanked ACMA for the support. The objective of the mission was to showcase the capacity and capabilities of Victorian Vocational Education and Training (VET) sector and to understand the automotive component sector perspective from ACMA members as also to understand the role of the Indian industry in Vocational Education and Training provision. The mission members were also looking at opportunities to work with local vocational education providers and to identify strategic partners in India. Ms. Sriram urged the delegation to look at addressing skill needs in the country specific to sectors and do a gap analysis of the present structure of the technical institutes. She suggested that the institutes could look at partnering with it is and polytechnics in India as knowledge partners in developing a curriculum customised for Indian industry and also bring in their best practices. This could also be a platform for cross learning, Ms. Sriram opined. Ms. Geeta Heffernan, Victorian Employers Chamber of Commerce and Industry, welcomed the suggestion of conducting a gap analysis and hoped that the Mission would benefit from the interaction.

### An informal discussion on the Industrial Scenario situation in the Country, Bangalore November 9, 2009

In the light of the worsening IR situation in the country, specifically with respect to labour unrest, ACMA (Southern Region – Karnataka and Hosur) had an informal discussion on the subject. The meeting was chaired by Mr. K G Mohan Kumar, Zonal Coordinator, Karnataka and Hosur, along with Mr. F R Singhvi, Chairman, HR Sub Committee. This was mainly to share experiences and ideas and look at what could be done to minimise such occurrences. The discussion covered a wide spectrum right from the Pricol incident at Coimbatore to the recent disturbances in the Gurgaon-Manesar belt. Members shared their best practices in order to deal with this issue. A number of ideas came up as an outcome of the discussion. It was suggested that ACMA as a unit pushes for labour reforms. It was opined that the member companies should ensure that their sub-contractors, vendors and others complied with labour laws, with special reference to minimum wages, safety and health matters.

### Interaction of ACMA President & Vice President with Members in the Southern Region, Chennai & Bangalore November 19, 2009

Southern Region members interacted with ACMA's President Mr. Jayant Davar and Vice President Mr. Srivats Ram. Coinciding with



Mission from TAFE



Members at the Interaction with President & Vice President, ACMA



Interaction with President & Vice President, ACMA

the interaction, a session was also organised with the Principal Secretary Industries, Mr. M.F. Farooqui and Principal Secretary-Commerce & Industries Mr. V. P. Baligar of Tamil Nadu and Karnataka respectively.

Speaking on the occasion, Mr. Jayant Davar, President, ACMA, dwelled upon the steps taken by ACMA to support the industry through various initiatives, be it dialogue with central and state governments, financial institutions and bodies or customising its services and programmes. Mr. Srivats Ram, Vice President, touched upon the various services and customised programmes and how they could benefit



Session with President &amp; Vice President, ACMA



Presentation on IR



ACMA President at Golf Tournament

the membership. He also urged members to actively participate and share information with the Association to take up issues with the Government. Earlier, welcoming participants, Mr. Harish Lakshman, Chairman Southern Region mentioned that it was members' prerogative to meet the leadership of ACMA and to understand the broad scenario of the industry and also assimilate information on what was happening on the ever changing economic and business scenario.

Talking exclusively to the auto component forum in Chennai, Mr. M.F. Farooqui, Principal Secretary Industries, Government of Tamil Nadu, mentioned that the Government and his department in particular believed in a partnership approach. On the issue of labour, Mr. Farooqui mentioned that the government was looking at the issue closely and said that the Government understood that it could not afford to lose or compromise growth because of labour problems. He invited ACMA and other industry bodies to identify and suggest elimination/removal of irrelevant clauses in the labour law, which could be considered by the Government.

Talking to members in Bangalore, the newly appointed Commerce & Industries Principal Secretary of Karnataka, Mr. V. P. Baligar mentioned that the Government was keen to give a boost to the manufacturing sector and the automotive industry in particular. Mr. Baligar welcomed the suggestion of continuous dialogue with the industry by way of Joint Working Committees and mentioned that his office would be glad to work with the auto component industry to make the state investment friendly. He also urged the MSME sector in particular to derive benefits from the Quality and Technology Development fund provided by the State Government to update their organisations on aspects of quality and technology.

**Presentation on IR – the TVS Way by Mr. S Thiagarajan, Former President, Harita Seating Systems, Bangalore**  
December 12, 2009

ACMA (SR)-Karnataka and Hosur, organised an experience-sharing session on the effective IR improvement initiatives undertaken by the TVS Group. A presentation was made by Mr. S Thiagarajan, the erstwhile Zonal Coordinator of Karnataka and Hosur and also the Former President of Harita Seating Systems. Mr. Thiagarajan mentioned that the 3 pillars of IR included Industrial Peace, High Quality of Culture and Productivity. The key was to engage with not just the employee but his family as well. Union-Management relations were kept cordial by involving the Union in every exercise even if it is a manager's house warming ceremony. Suggestion schemes and acknowledging those who provided suggestions was also part of the intangible benefits. Members were impressed with the fact that without monetary incentives, employee morale and motivation levels were kept high.

**ACMA Invitational Golf Tournament, Bangalore**  
February 5, 2010

The ACMA initiative of Golf Tournament to bring closer ties amongst all stake holders, continued in the Golden Jubilee year of ACMA.

The invitational Golf Tournament saw over 85 participants including senior officials from the Government, Embassies, Vehicle Manufacturers like Toyota Group and BMW. Members of the Executive Committee of ACMA and other invitees were amongst the list of players. The tournament also saw winners in the category of Straightest Drive won by Mr. K. Hari, Director, Bill Forge Pvt. Ltd., Longest Drive by Mr. Chetan Meda of Eagleton Resorts. The team prizes were won by Mr. Siguru Tomonaga, Deputy Managing Director, Toyota Kirloskar Motor Pvt. Ltd., Mr.

Laxman Gowdar, Mr. B.S. Patil, Principal Secretary (Retd ) Government of Karnataka, Mr. Sandeep Balooja, Sr. Director Anand Atomotive Systems Ltd. in the 2nd Runner Up Team with total points of 90. The runner Up Team which scored 93 points included Mr. Sudarshan Maney Managing Director, Sudarshan Cargo Pvt. Ltd, Mr. Jawahar D, Managing Director, PESIT College Mr. V. Ramachandran, Director, Sasyaka and Mr. D.K. Jain, Chairman & Managing Director of Lumax Industries Ltd. Mr. Sumit Rathor, Captain KGA, Mr. K.N. Bhat, Mr. Pradeep Kashyap, Metrix Precision Components Pvt. Ltd. and Mr. V. Sridhar, CRV Executive Search Pvt. Ltd. won the Winning Team prize with a score of 97. Speaking on the occasion, Mr. Jayant Davar, President, ACMA mentioned that the ACMA Golf Tournaments had become one of the sought after events.

**New Initiatives**

**1st Kaizen Contest and Competition, Chennai**

August 12, 2009

An innovative idea of giving a platform for bringing out simple breakthrough and innovative ideas of the Junior and Middle management, saw ACMA organise its 1st ever Kaizen Contest and Conference. Mr. Shekar Viswanathan, DMD, Toyota Kirloskar Motor Pvt. Ltd. and the Chief Guest for the Valedictory Session for the event mentioned that the improvement efforts at all levels should be continuous and should not be triggered or heightened only in an event of a crisis.

Earlier welcoming the participants to the Contest, Mr. Harish Lakshman, Deputy Chairman, ACMA (SR), and Convener of the Contest & MD, Rane TRW Steering Systems Ltd., mentioned that the event was aimed at providing a forum for cross learning and exchange of ideas with a spirit of competitiveness. He also highlighted the interest in event of participants from North and East. Inaugurating the Conference and Contest in the morning as its Chief Guest, Mr. B. Venkat Subramaniam, Special Director, Future Vehicle Development Programme of Ashok Leyland, mentioned that Kaizen played an important role both at the time of prosperity and adversity.

Delivering his Keynote Presentation, Mr. C. Narasimhan, Chief Mentor, ACT and Advisor, Sundaram Clayton Ltd. mentioned that while Kaizen meant Change for the better, he felt that it should be practiced company wide. His presentation also explained with examples the 5 steps to be taken to make Kaizen a culture.

Speaking on the occasion, Mr. Srivats Ram, Chairman (Southern Region) ACMA & Managing Director, Wheels India Ltd. said that Toyota had been the benchmark for its quality and improvements and was an inspiration for many companies in India. He complimented the teams and the management of the companies who nominated them for supporting the Kaizen movement.

Mr. Subramaniam, who also donned the cap of the Chief of Jury for the Contest, complimented the contestants for their enthusiasm.



Attendees at the Golf Tournament



Mr. Srivats Ram at the 1st Kaizen Contest & Competition



1st Kaizen Contest & Competition

# From the Region

## Western Region

### Building Competencies

#### Training Programme on Improving Productivity through Waste Elimination, Pune

April 17, 2009

Continuing with its drive towards Building Competencies, ACMA Western Region organised one day Training Programme on "Improving Productivity through Waste Elimination". The training programme was organised with objective to discuss, explain and



Programme on Improving Productivity through Waste Elimination



Workshop on 7QC Tools



4th Quality Circle Competition

understand various types of wastes and its linkages to productivity and the tools and techniques to eliminate the same. Mr. Vinay Kelkar from Satguru Consultants, the faculty for the programme, covered topics like global scenario and need for productivity improvement, Management and employee attitude (lead by examples), various types of wastes, Linkages of wastes to productivity etc. Discussing the Push systems v/s Pull system, Mr. Kelkar said that KANBAN is a good example of pull system which is very effective under current scenario. Mr. Kelkar also explained the benefits derived by displaying examples and case study. Summing up the programme Mr. Kirti Rathod, Coordinator Pune-Zone and JMD, Luxite Industries Ltd. said that improving productivity through waste elimination was a very important tool.

#### Workshop on 7QC Tools, Pune

May 26, 2009

The decisions taken at various levels in an organisation influence the profitability and overall financial health of the organisation. They also affect the quality and productivity of the organisation. It has become imperative for the organisations to develop personnel in line with data based decision making to sustain their operations in the current competitive scenario. ACMA WR organised a one day workshop with the objective to make employees from middle and junior management familiar with various analytical tools and techniques like Data sheets, Graphs, Brain storming, Pareto analysis, Histogram, Control charts, Scatter plots, Matrix analysis, etc. Mr. Vinay Kelkar from Satguru Consultants, the faculty conducted the workshop and explained with examples the functions and benefits of the tools of 7QC.

#### Workshop on 5S Housekeeping Improvement, Pune

June 24, 2009

ACMA Western Region organised a Workshop on "5S House Keeping Improvement". The objective of the workshop was to help the participants to understand the relevance of 5S techniques for their organisations, and contribute towards improving bottom line performance by focusing on practical issues in the workplace/shop floor. Mr. Vinay Kelkar said that 5S was not only a management initiative, it was a way of life, team work, a habit, a culture which needed to be cultivated by all.

#### 4th Quality Circle Competition, Pune

July 17, 2009

The 4th edition of Quality Circle Competition in the Region was organised. Quality Circles are emerging as a mechanism to develop and utilise the tremendous potential of the people, said Mr. Kirti Rathod, Zonal Coordinator, Pune, in his inaugural address.

Welcoming the Chief Guest at the valedictory session Mr. Surinder Kanwar, Chairman, ACMA (WR), said that the kind of response received for the competition was indicative of the commitment of the auto component industry towards the quality. Mr. Kanwar also touched upon the various activities organised by ACMA in the Region.

Delivering his address at the valedictory session, the Chief Guest, Mr. Devjit Sarkar, Head-Supply Management, John Deere Equipment Private Ltd., mentioned that QC was a good tool for learning and to share experience. Mr. Sarkar said that it was not easy to change things unless foundation of team work was strong. Mr. Devjit Sarkar gave away the certificates of participation to the QC teams and the trophies to the winning teams.

#### **4th National Quality Circle Competition, New Delhi** August 21, 2009

The 4th National Quality Circle Competition, was coordinated by ACMA (WR), at New Delhi. Mr. Arvind Kapur, Chairman, ACT and MD Rico Auto Industries Ltd. welcomed the participants and gave away the prizes. Complimenting the participants Mr. Kapur said that it was important to practice QC as it helped in creating leadership. The Jury members included Mr. V.Ramesh, Vice President, QA Toyota Kirloskar Motor Pvt.Ltd., Mr. N.P. Chandok, General Manger, QA Hero Honda Motors Ltd. and Mr. Prasanna Katti, Quality Head, JCB.

#### **Workshop on Kaizen for Business Transformation, Pune** September 30, 2009

ACMA Western Region organised a workshop on “Kaizen for business transformation”. The content of the workshop included Kaizen tools, Kaizen techniques, Kaizen principles, Benefits of kaizen, etc. To add value to the workshop and make it easy to understand Mr. M.S. Sambhus, Assistant Manager, QA, XLO India Ltd. who had implemented and practiced kaizen in his company, was invited to present the practical aspects and benefits of the same.

Mr. Vinay Kelkar, the faculty, said that the key elements of Kaizen were quality, effort and involvement of all employees, willingness to change and communication. Through practicing Kaizen one could achieve low cost and continuous improvement. Mr. Kelkar explained the various types of waste, methodology of application of Kaizen tools and techniques. Mr. M.S. Sambhus, Assistant Manager, QA, XLO India Ltd. made a presentation on how the Kaizen movement started in XLO, and gave a perspective of involvement of all employees towards continuous improvement..

#### **Training Programme on Attitudinal Change, Pune** October 24, 2009

ACMA (WR) organised a Training Programme on “Attitudinal Change for performance improvement”. The programme was anchored by Mr. Vinay Kelkar. Mr. Kirti Rathod, Zonal Coordinator, Pune & Executive Chairman, Luxite Industries Ltd. said that Building Competencies was a thrust area for ACMA to face. Mr. Rathod further mentioned that the important tool which could help in improving performance in industrial scenario was positive attitude.

Mr. Vinay Kelkar, while making the presentation, mentioned that Attitude, Discipline, Hard work, Knowledge were the most important part of a successful person. Explaining quality mindset, Mr. Vinay Kelkar said that one should always learn new methods



4th National Quality Circle Competition



Workshop on Kaizen for Business Transformation



Programme on Attitudinal Change

to improve present status, be it quality of product or personal life.

#### **Training Programme on Low Cost Automation, Pune**

November 16, 2009

ACMA Western Region organised one day training programme on Low Cost Automation (LCA). The programme was anchored by Mr. Dinesh A. Vedpathak, Senior Counselor, ACT. Mr. Samir M. Salián, Member Pune Zone and Director, Dali & Samir Engineering Pvt. Ltd., said that LCA was one of the



Training on Low Cost Automation



2nd SMED Competition



Workshop on Workplace Improvement through Team Building



Business Meeting with Korean Delegation

powerful tools for reducing the fatigue of the operator on the shop floor. LCA improves competency and capability of people, he added. While making the presentation, Mr. Dinesh Vedpathak said that LCA helps to achieve repeatability and reproducibility as human error was minimised. He also presented a video case study to understand Low cost automation opportunities.

### 2nd SMED Competition, Pune

February 20, 2010

The 2nd National SMED (Single Minute Exchange of Dies) Competition was organised by ACMA WR and ACT. SMED is the approach to reduce losses due to changeovers such as output and quality losses. The method has been developed in Japan by Shigeo Shingo, and has proven its effectiveness in many companies by reducing changeover times from hours to minutes. Mr. Vijay B. Pusalkar, ACT Regional Coordinator (WR) and CMD, Indo Schottle Auto Parts Pvt. Ltd. said SMED was one of the many lean production methods for reducing waste in a manufacturing process. He further mentioned that SMED provided a rapid and efficient way of converting a manufacturing process from running the current product to running the next product. Delivering his address at the valedictory session, the Chief Guest, Mr. Satish Sekhri, MD, Bosch Chassis Systems India Ltd., mentioned that the level of awareness about quality had increased tremendously in the recent years. He gave away the certificates of participation to the SMED teams and the trophies to the winning teams. The jury included Mr. Nagesh Purushottam Lad, Divisional Manager (Kaizen) Business Excellence Services, Tata Motors Ltd., Mr. Vinay Kumar Shah, Sr. Divisional Manager (SCV Division), Force Motors Ltd. and Mr. Ranjit Patwardhan, Senior Manager, Process Engineering, Bajaj Auto Ltd.

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

March 19, 2010

It is the work force who actually performs and produces. Therefore it is important to enhance motivation of employees through team building which results in Best utilization of Key Assets (5M) of organisation. With this backdrop ACMA WR organised a workshop on "Workplace Improvement through Team Building. The participative training was conducted in Hindi, Marathi and English, by the faculty Mr. Vinay Kelkar.

## EXPORT DRIVE INITIATIVES

### One-to-One Business meeting with Delegation from Korea, Pune

April 22, 2009

A 9-member delegation from the Incheon City, Republic of Korea, Songdo Technopark, visited Pune. The objective of the delegation was to explore possibilities of business enhancement and strengthening linkages by way of technology transfers, partnerships, JVs in India and outsourcing from India. The delegation was led by Mr. Kim Jun ki of Incheon city government, Technology support Team. Mr. Kim Jun Ki said that India was becoming a center of global economy and had created notable success in every sector of the industry. India was leading a global

growth in the automotive industry with China. Mr. Kim Jun Ki mentioned that Korean companies were eagerly looking for partnership with Indian companies. Mr. B.K. Suh, the coordinator of the delegation gave a brief overview of the Korean automobile and auto component industry. The Korean Companies made presentations giving information on products etc. The meeting was then followed by one-to-one business meeting with Indian companies.

#### **Meeting with US Congressional Staff delegation, Mumbai** August 10, 2009

A meeting of ACMA members with delegation comprising of 13 U.S. Congressional staffers led by former U.S. Trade Representative and the current International Trade Counsel for the Senate Finance Committee, Ms. Amber Cottle was organised. The purpose of this meeting was to understand the benefits of the GSP (Generalized System of Preference) programme in India. As the auto components and accessories are one of the key items eligible for GSP benefits the delegation met with ACMA to learn more about how these benefits have helped the members. Mr. Surinder Kanwar, Chairman, ACMA (WR) said that India was emerging as a preferred R&D base and mentioned that a large number of Autocomponents are not covered under GSP. Mr. Kanwar said that The GSP Regime had helped Indian companies to penetrate the US auto components market and removing GSP benefits at this stage would increase Duty Burden for USA based customers and push up their cost. Continuation of GSP was a must for the sake of both the Indian exporters as well as the USA based importers in maintaining their competitiveness. Ms Trisha Chilimbi, Economic Specialist, American Consulate General, appreciated the feedback and interaction with the ACMA members.

#### **WR Members Meeting with Delegation from Malaysia, Pune** November 19, 2009

A 15-member delegation from Malaysia visited Pune, with the objective to explore possibilities of business enhancement, extending cooperation, strengthening linkages by way of technology transfers, partnerships, JVs and outsourcing from India. The delegation was supported by The Malaysia External Trade Development Corporation (MATRADE) an export promotion agency of Government of Malaysia. Welcoming the delegation Mr. Vijay Pusalkar, Member Executive Committee, ACMA, presented a brief overview of Indian automotive component industry. Mr. Azalan Omar, Committee member, Proton Vendor Association, Malaysia, presented a brief profile of Malaysian automotive industry. In his remark, Mr. Wan Zaidi Wan Abdullah, Consul General of Malaysia in Mumbai expressed hope that Malaysia and India will further strengthen their relationship and would partner to grow together.

#### **Meeting with Foton Motor Co. Ltd., China, Mumbai** March 23, 2010

A 6-member delegation from Foton Motor Co., Ltd, China, led by Mr. He Shiping, Procurement Management Division, Foton Motor Co. called on ACMA (WR). Ms. Harshbeena Zaveri, Deputy Chairperson, ACMA (WR), briefed the delegation on the auto



Meeting with US Congressional Staff delegation



Meeting with Delegation from Malaysia



Meeting with Foton Motor Co. Ltd.

component industry in India. Mr. He Shiping made a brief presentation on the Foton company and its development plans. Foton is one of the largest Commercial Vehicle manufacturers in China. According to Foton global development strategy, it would be a leading global CV manufacturer by 2015. Mr. He Shiping indicated that the company was planning to set-up a plant in India in the near future. The delegation also had one-to one meeting with pre-selected member companies of ACMA Western Region.



Visit to GM India Ltd.



Meeting with VW India



Visit to &amp; Interaction with XLO India Ltd.

## OEM Interactions

### CEOs visit to & interaction with General Motors India Pvt. Ltd., Halol

January 19, 2010

In its endeavour to continue interaction and strengthen the relationship with OEMs, ACMA Western Region organised CEOs visit to and interaction with General Motors India Pvt. Ltd., Halol, Gujarat. The objective of visit was to discuss and learn the issues pertaining to supply of components and, understand

growth plans and to study the best practices adopted/ implemented at the shop floor by the company. The ACMA WR delegation led by Mr. Surinder Kanwar, Chairman (WR) included 13 CEOs from the Region. Mr. Vijay Kalra, VP Manufacturing, GM, shared the company's future plans. Mr. Kanwar expressed gratitude to GM, Halol for hosting the ACMA delegation. He mentioned that ACMA was proud to be associated with GM.

### CEOs Visit to & Interaction with Volkswagen India Pvt Ltd., Chakan

March 12, 2010

In its endeavour to continue interaction and strengthen the relationship with OEMs, ACMA Western Region organised CEOs visit to and interaction with Volkswagen India Pvt. Ltd., Chakan. The objective of visit was to discuss and learn the issues pertaining to supply of components and, understand growth plans and to study the best practices adopted/ implemented at the shop floor by the company and to learn from their experience. The delegation led by Mr. Surinder Kanwar, Chairman (WR) included 35 CEOs and Business heads from the Region.

The Volkswagen team led by Mr. Mahesh Kodumudi, ED, Corporate Purchasing, interacted with the ACMA delegation. While making the presentation he mentioned that the key expectations from Indian suppliers were quality maturity, higher investments in R&D and constant innovation, willingness to commit adequate resources to product development etc. Talking on Volkswagen Group Supplier Strategy for India, Mr. Kodumudi, mentioned that Volkswagen was expecting multi-fold increase in sourcing from Indian suppliers for VW group companies worldwide.

## Other Programmes

### Visit to & Interaction with XLO India Ltd., Nashik

August 7, 2009

ACMA (WR) organised plant visit to XLO India Ltd., Nashik. In his welcome remarks, Mr. Pratap S. Mungi, Zonal Co-ordinator-Nashik, ACMA (WR), complimented XLO India for their best practices. A detailed presentation on company's journey and its achievements was made by Mr. L.K. Walhe, GM-Manufacturing. Mr. Walhe said that the company improved significantly after joining ACMA-UNIDO Programme and the ACT Advance Cluster. He said that the improvement was made in the areas such as Kaizen, Poka-Yoke, SMED, LCA, De-skilling & Energy Saving. Presenting details of improvements Mr. Walhe mentioned that to reduce customer complaints, 32 pokayokes were implemented. Mr. Walhe further added that the company was also able to achieve Reduction in Scrap Yard, Shop floor space reduction etc. He mentioned that suggestions from Employees, Forming QC Circles, TEI and active involvement of the CEO helped the company to achieve continuous improvements.

### Meeting of Members in Nashik Zone, Nashik

August 7, 2009

ACMA (WR) held the meeting of its members in Nashik Zone at XLO India Ltd. Mr. Pratap S. Mungi, Zonal Coordinator, Nashik,

welcomed the members. Mr. Mungi said that members at each Zone should meet regularly as this provided an opportunity to express/raise issues and interact with each other. He requested members to derive full benefit from various training programmes being organised by ACMA WR. Mr. Mungi offered to conduct training programmes in Nashik. Members observed that on exports front the situation continued to be one of the concern however the local business was showing signs of improvement.

**Visit to & interaction with Hindustan Hardy Spicer Ltd., Nashik**

November 11, 2009

ACMA (Western Region) organised a visit to Hindustan Hardy Spicer Ltd., Nashik. Welcoming the members, Mr. Ashok Rajwade, MD, Hindustan Hardy Spicer Ltd., mentioned that the company believed in promoting long-term business relationships. Mr. Balbir Singh Chhabra, Zonal Co-ordinator-Nashik, ACMA (WR), said that ACMA organised various programmes to improve firm level competitiveness. Mr. Chhabra assured the members that they would learn from the best practices being implemented by Hindustan Hardy Spicer Ltd.

**WR Members meeting with ACMA President & Vice President, Pune**

December 8, 2009

ACMA (WR) organised an interaction of its members with Mr. Jayant Davar, President, ACMA & Mr. Srivats Ram, Vice President, ACMA. Welcoming the participants, Mr. Surinder Kanwar, Chairman (WR), said this kind of annual meeting with top leadership of ACMA reiterated the Association's commitment to reach out to its membership.

Highlighting the various activities being organised by ACMA Western Region, the Chairman said that these include activities related to strengthening of firm level competitiveness, educating shop floor personnel in order to improve the manufacturing processes, learning best practices. The Chairman said that these programmes were organised in all part of the western Region such as Nashik, Aurangabad, Gujarat, etc. He urged members to meet regularly to exchange information and views

The President, Mr. Jayant Davar in his address touched upon the recent past, present and future of the automotive industry. He said that ACMA had intensive dialogues with the Government to define Stimulus package for the industry. On the scenario of the industry, Mr. Jayant Davar briefed the members about new trade agreement signed with Korea and ASEAN. Presenting ACMA theme for the year, Mr. Jayant Davar touched upon FTAs/PTAs, WTO negotiations, WP-29, Global outsourcing, Domestic Policy Environment, Technology etc. Mr. Davar said that ACMA was forming a group which would interact with OEMs on regular basis to develop deeper understanding of OEMs expectations from suppliers. Mr. Davar reiterated ACMA's commitment towards SMEs and said that ACMA would continue hand holding the SMEs.

The Vice-President, Mr. Srivats Ram in his address said that ACMA members needed to strengthen relationships with their customers. He said that it was important to have strong



Meeting of Members from Nashik Zone



Visit to Hardy Spicer Ltd.



Interaction with President & Vice President, ACMA



Session with PwC

### CEOs Visit to & Interaction with Varroc Engineering Pvt. Ltd., Chakan

March 12, 2010



CEOs Visit to & Interaction with Varroc Engineering P. Ltd.

In continuation of its tradition and convention to learn through sharing of experience, ACMA Western Region organised CEOs visit to Varroc Engineering Pvt. Ltd., Plant III, Chakan. The delegation led by Mr. Surinder Kanwar Chairman (WR) included 15 CEOs and Business heads from the Region. Varroc Engineering Pvt. Ltd. introduced TPM methodology in 2008 under the guidance of Mr. Yamaguchi San and implemented the same successfully. Mr. Sanjiv Kumar, President, Varroc Engineering Pvt. Ltd. made a presentation on the achievements and the best practices adopted by Varroc. Highlighting the manufacturing strengths Mr. Kumar mentioned that the company has put world class manufacturing systems in place. He further mentioned that the company has also strengthened its product development and R&D capacity. Mr. Surinder Kanwar, Chairman, ACMA (WR) thanked Mr. Sanjiv Kumar, President, Varroc Engineering Pvt. Ltd. and his team.

### New Initiatives

#### Meeting of ACMA WR CEOs Forum, Pune

January 21, 2010

In its new initiative, ACMA WR organised an interaction with ACMA WR CEOs. The objective of the interaction was to take a first hand feedback from members on the activities being organised in the Region. Mr. Surinder Kanwar, Chairman, Western Region, ACMA, welcomed the members and thanked Mr. Dinesh Munot, Past President, ACMA & MD ZF steering Gear (India) Ltd. for hosting meeting at his office premises at Pune. The members made several valuable suggestions and also expressed satisfaction for ACMA's contribution towards growth and development of the auto component industry in the region. The members expressed the need for leveraging ACMA for strengthening relationship for OEMs.

#### Workshop on WP29, Pune

March 10, 2010

In its new initiatives with regards to offering new services to the membership in the Region and create more awareness on Technical issues in addition to regular training programmes on manufacturing excellence, ACMA WR organised one day Workshop on WP-29. The programme was specially designed for HOD / senior level R & D, QC and other Technical personnel. Eminent personnel from Testing Agency and Industry made presentations on relevant topics. Mr. T.M. Balaraman, General Manager (ES), Bajaj Auto Ltd. presented the industry perspective and overview of WP29. Mr. G.V. George, Corporate Head, Research & Development, Fiem Industries Ltd. made a presentation on WP29 Group-GRE, Lighting & Light signaling devices. Mrs. Rashmi Urdhwarshre, Deputy Director, The Automotive Research Association of India (ARAI) presented the overall picture of WP29, 1958 Agreement and Indian Scenario, WP29 Group GRSG. Mr. A.V. Mannikar, Deputy Director, ARAI, made presentation on WP29 Group - GRSP, Passive Safety.



Workshop on WP.29

relationship with OEMs also to address common issues with the Government. The Vice-President mentioned that SMEs needed to improve on quality. Stressing on the need to interact more with government for policy formulation, Mr. Srivats Ram said that members needed to provide data required for the same. Coinciding with the members' meet, Mr. Gangadhar Kawathekar, Senior Consultant, Indirect Taxes, PwC, was invited to make a presentation on GST and its impact on the industry. While making the presentation Mr. Kawathekar said that GST was a comprehensive value added tax on goods and services levied on value addition at each stage of the supply chain. Mr. Kawathekar mentioned that India proposed to adopt Dual GST model which would comprise the central GST and the State GST.

Mr. Gangadhar Kawathekar said that Inter-State supply of goods and services would be subject to IGST. Mr. Kirti Rathod, Zonal Coordinator, Pune & Executive Chairman, Luxite Industries Ltd., thanked all the members for their active participation at the interaction.

## Past Presidents

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

# Executive Committee 2009-10

## PRESIDENT

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

## VICE PRESIDENT

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

## IMMEDIATE PAST PRESIDENT

**Mr. J.S. Chopra**  
Delphi-TVS Diesel  
Systems Ltd.

## ELECTED MEMBERS

**Mr. Beni Daga**, Baynee Industries  
**Mr. Anil Haridass**, Bill Forge Pvt. Ltd.  
**Mrs. Pilloo C. Aga**, Gold Seal Engineering Products Pvt. Ltd.  
**Mr. S. Thiagarajan**, Harita Seating Systems Ltd. (upto November 2009)  
**Mr. Bijon Nag**, IFB Automotive Pvt. Ltd.  
**Mr. T.M. Lalani**, Indication Instruments Ltd.  
**Mr. Vijay B. Pusalkar**, Indo Schottle Auto Parts Pvt. Ltd.  
**Mr. S.K. Arya**, Jay Bharat Maruti Ltd  
**Mr. Prasan A. Fiordia**, Jaya Hind Industries Ltd.  
**Mr. S. Ganesh**, Liners India Ltd.  
**Mr. Arvind Balaji**, Lucas-TVS Ltd.  
**Mr. Deepak Jain**, Lumax Industries Ltd.  
**Mr. Kirti Rathod**, Luxite Industries Ltd.  
**Mr. Deepak Dheer**, Mahindra Forgings Ltd.  
**Mr. Rattan Kapur**, Mark Exhaust Systems Ltd.  
**Mr. Nirmal K. Minda**, Minda Industries Ltd.  
**Mr. Yogesh Munjal**, Munjal Showa Ltd.  
**Mr. U.S. Ahuja**, New Swan Enterprises  
**Mr. Jatender Mehta**, Omax Autos Ltd.  
**Mr. Arvind Kapur**, Rico Auto Industries Ltd.  
**Mr. S.D. Ganage**, Rojee-Tasha Stampings Pvt. Ltd.  
**Mr. S.K. Behera**, RSB Transmissions (I) Ltd.  
**Mr. F.R. Singhvi**, Sansera Engineering Pvt. Ltd.

## CO-OPTED MEMBERS

**Mr. Soumitra Bhattacharya**, Bosch Ltd.  
**Mr. Anuj Mehta**, Clutch Auto Ltd.  
**Ms. Harshbeena S. Zaveri**, NRB Bearings Ltd.  
**Mr. Killol Kamani**, Samarth Engineering Co. Pvt. Ltd.  
**Mr. Harish K. Sheth**, Setco Automotive Ltd.  
**Mr. Umesh Talwar**, Talbros Automotive Components Ltd.  
**Mr. A. Viswanathan**, Visteon Automotive Systems India Pvt. Ltd.

## REGIONAL CHAIRPERSONS

- ➔ **EASTERN REGION**  
**Mr. K.R. Kavra**  
Special Engineering Services Ltd.
- ➔ **NORTHERN REGION**  
**Mr. Ramesh Suri**  
Subros Ltd.
- ➔ **SOUTHERN REGION**  
**Mr. Harish Lakshman**  
Rane TRW Steering Systems Ltd.
- ➔ **WESTERN REGION**  
**Mr. Surinder P. Kanwar**  
Bharat Gears Ltd.

## DEPUTY REGIONAL CHAIRPERSONS

- ➔ **EASTERN REGION**  
**Mr. Killol Kamani**  
Samarth Engineering Co. Pvt. Ltd.
- ➔ **NORTHERN REGION**  
**Mr. Rattan Kapur**  
Mark Exhaust Systems Ltd.
- ➔ **SOUTHERN REGION**  
**Mr. Anil Haridass**  
Bill Forge Pvt. Ltd.
- ➔ **WESTERN REGION**  
**Ms. Harshbeena S. Zaveri**  
NRB Bearings Ltd.

# Executive Committee 2009-10

## SPECIAL INVITEES

- Mr. Sandeep Balooja**, Anand Automotive Systems Ltd.  
**Mr. Sanjeev Mehta**, Autofit Pvt. Ltd.  
**Mr. R.S. Thakur**, Automotive Stampings and Assemblies Ltd.  
**Mr. Raj Bhatia**, Bony Polymers Pvt. Ltd.  
**Mr. Satish Sekhri**, Bosch Chassis Systems India Ltd. (upto March, 2010)  
**Mr. Varunn Mody**, Hindustan Composites Ltd.  
**Mr. Pranav Kapuria**, Hi-Tech Gears Ltd.  
**Mr. A. Venkataramani**, India Pistons Ltd.  
**Mr. Balaji Jagadeesan**, Indo Shell Mould Ltd.  
**Mr. Surinder Mahendru**, Nicks Auto Industries Pvt. Ltd.  
**Dr. Sreeram Srinivasan**, Saint-Gobain Glass India Ltd.  
**Mr. Ravi Machani**, Stumpp, Schuele & Somappa Pvt. Ltd.  
**Mr. C.N. Prasad**, Sundaram Clayton Ltd.  
**Mr. Arun Gupta**, Technico Industries Ltd.  
**Mr. K.G Mohan Kumar**, Toyota Kirloskar Auto Parts Pvt. Ltd.

## DIVISION & NATIONAL COMMITTEES CHAIRPERSONS

- |   |                                |   |
|---|--------------------------------|---|
| AEROSPACE, DEFENCE & RAILWAYS             | :                              | <b>Mr. Jatender Kumar Mehta</b> , Omax Autos Ltd.   |
| CONSUMERS AFFAIRS & ANTI-COUNTERFEITING   | :                              | <b>Mr. Soumitra Bhattacharya</b> , Bosch Ltd.   |
| ADVISOR-DEFENCE                           | :                              | <b>Mr. V. K. Mehta</b> , Clutch Auto Ltd.   |
| ECONOMIC AFFAIRS, WTO & KNOWLEDGE PARTNER | :                              | <b>Mr. A.K. Taneja</b> , Shriram Pistons & Rings Ltd.   |
| FINANCE                                   | :                              | <b>Mr. L. Ganesh</b> , Rane Group   |
| GLOBALISATION & INDIA BRAND BUILDING      | :                              | <b>Mr. Deep Kapuria</b> , Hi-Tech Gears Ltd.  |
| GOLDEN JUBILEE CELEBRATIONS               | :                              | <b>Mr. Raghu Mody</b> , Hindustan Composites Ltd.   |
| HUMAN RESOURCES                           | :                              | <b>Mr. F.R. Singhvi</b> , Sansera Engineering Pvt. Ltd.   |
| INFORMATION TECHNOLOGY                    | :                              | <b>Mr. Ravi Machani</b> , Stumpp, Schuele & Somappa Pvt. Ltd.   |
| MEMBERSHIP                                | :                              | <b>Mr. Srivats Ram</b> , Wheels India Ltd.  |
| PUBLIC RELATIONS                          | :                              | <b>Mr. Jayant Davar</b> , Sandhar Technologies Ltd.   |
| RAW MATERIALS                             | :                              | <b>Mr. S.D. Ganage</b> , Rojee-Tasha Stampings Pvt. Ltd.  |
| RESTRUCTURING                             | :                              | <b>Mr. Sanjay Labroo</b> , Asahi India Glass Ltd.   |
| SKILL DEVELOPMENT                         | :                              | <b>Mr. Bijon Nag</b> , IFB Automotive Pvt. Ltd.   |
| SMALL & MEDIUM ENTERPRISES                | :                              | <b>Mr. Kirti Rathod</b> , Luxite Industries Ltd.  |
| STEERING COMMITTEE                        | :                              | <b>Mr. Jayant Davar</b> , Sandhar Technologies Ltd.   |
| SUSTAINABLE TECHNOLOGY DEVELOPMENT        | :                              | <b>Mr. S. Thiagarajan</b> , Harita Seating Systems Ltd. (upto November 2009) /<br><b>Mr. Arvind Balaji</b> , Lucas-TVS Ltd. (since December 2009) |
| TRADE FAIRS                               | :                              | <b>Mr. D. K. Jain</b> , Lumax Industries Ltd.   |
| YBLF                                      | MENTOR                         | :   |
|   | NATIONAL CO-ORDINATOR          | :   |
| ACT DIVISION                              | CHAIRMAN                       | :   |
|   | NATIONAL CO-ORDINATOR          | :   |
|   | REGIONAL CO-ORDINATORS         | :   |
|   | EAST                           | :   |
|   | NORTH                          | :   |
|   | SOUTH                          | :   |
|   | WEST                           | :   |
| ACT SSI CO-ORDINATOR                      | :                              | <b>Mr. Vijay B. Pusalkar</b> , Indo Schottle Auto Parts Pvt. Ltd.   |
|   | :                              | <b>Mr. Pranav Kapuria</b> , Hi-Tech Gears Ltd.  |
| ZONAL CO-ORDINATORS                       |                                |   |
|   | North - Faridabad & Delhi      | :   |
|   | North - Ludhiana & Chandigarh  | :   |
|   | West - Aurangabad              | :   |
|   | West - Pune                    | :   |
|   | South - Bangalore              | :   |
|   | South - Coimbatore             | :   |
|   | South - Vijayawada & Hyderabad | :   |
|   | :                              | <b>Mr. Raj Bhatia</b> , Bony Polymers Pvt. Ltd.   |
|   | :                              | <b>Mr. U.S. Ahuja</b> , New Swan Enterprises  |
|   | :                              | <b>Ms. Harshbeena S. Zaveri</b> , NRB Bearings Ltd.   |
|   | :                              | <b>Mr. Kirti Rathod</b> , Luxite Industries Ltd.  |
|   | :                              | <b>Mr. K.G. Mohan Kumar</b> , Toyota Kirloskar Auto Parts Pvt. Ltd.   |
|   | :                              | <b>Mr. Balaji Jagadeesan</b> , Indo Shell Mould Ltd.  |
|   | :                              | <b>Mr. S. Ganesh</b> , Liners India Ltd.  |

# Workforce 2009-10

## Head Office

Mr. Abhishek Chopra  
Mr. Amit Mukherjee  
Mr. Anand Nair  
Ms. Anjali Nair  
Ms. Anu Narang  
Mr. Ashok Kumar  
Mr. Ashwani Kumar  
Mr. Deepak Kumar  
Ms. Ecktta  
Mr. Harish Kapoor  
Ms. Meenakshi Narayanan  
Ms. Monika S. Handa  
Mr. Niladri Mallick  
Mr. Paltu Sana  
Ms. Pooja Sharma  
Mr. Prem Kumar  
Mr. Rajender S. Dhanola  
Mr. Rajeshwar Rai  
Mr. S. Raj  
Ms. Sapna Vijn  
Ms. Subhag Naqvi  
Ms. Sumita Sharma  
Mr. Vijay Kanojia  
Mr. Vikram Saigal  
Mr. Vishnu Mathur

## Eastern Region

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

## Northern Region

Mr. Lokesh Raina  
Ms. Seema Babal  
Mr. Sushil Rajput

## Southern Region

Mr. Anil Kumar. Unni  
Ms. Tarina Basu  
(Karnataka & Hosur Office)  
Mr. R. Raja Shekhar  
Mr. R. Hari Ram  
Mr. Rahul J. Nivender  
(Karnataka & Hosur Office)

## Western Region

Mr. Ashwani Jotshi  
Mr. Ujjwal K. Deshmukh  
Ms. Ashwini A. Kulkarni  
Mr. Suhas A. Padave

## ACMA Centre for Technology (ACT)

Mr. Anupam Kaushik  
Mr. Arvind Kumar Gupta  
Mr. Ashok Kumar Kamat  
Mr. Chandu Choudhary  
Mr. Dinesh A. Vedpathak  
Mr. G. Shridharan  
Mr. Jairaj Kumar  
Mr. Jitender Rana  
Mr. K.N.D. Nambudiripad  
Mr. K.R. Bhoopalan  
Mr. Manoj Mathur  
Mr. Rajiv Mandke  
Mr. Rakesh Gupta  
Mr. Ravishankar Honrao  
Mr. Rupender Kaushik  
Mr. V. Harish

## Affiliations and Memberships

### Affiliations

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

### Memberships

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

### Representation on Government Bodies

ACMA continued to be represented on the following government bodies:

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

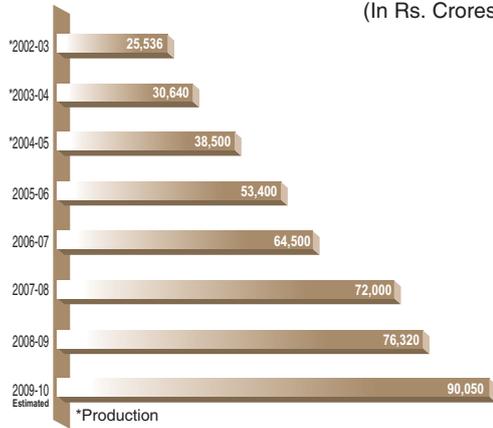
## MoU Partners

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

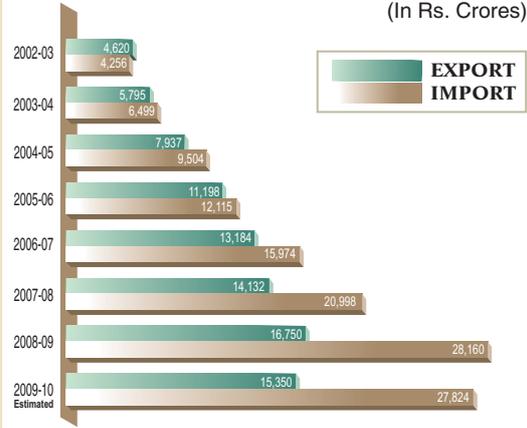
# Industry Performance Indicators

## AUTO COMPONENT SECTOR

### Turnover (In Rs. Crores)



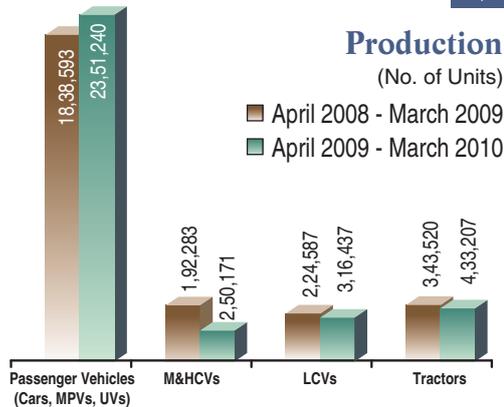
### Exports & Imports (In Rs. Crores)



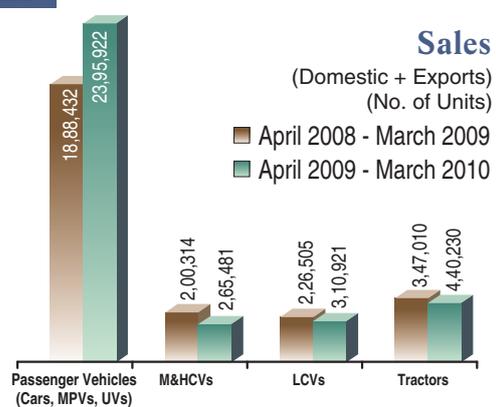
## VEHICLE SECTOR

### 4/6 WHEELERS

#### Production (No. of Units)

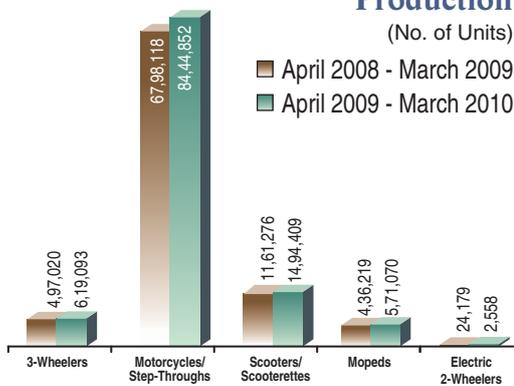


#### Sales (Domestic + Exports) (No. of Units)

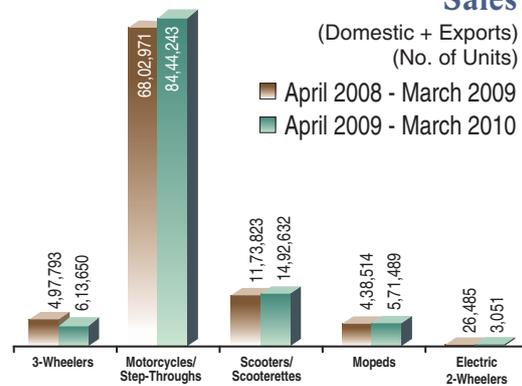


### 2/3 WHEELERS

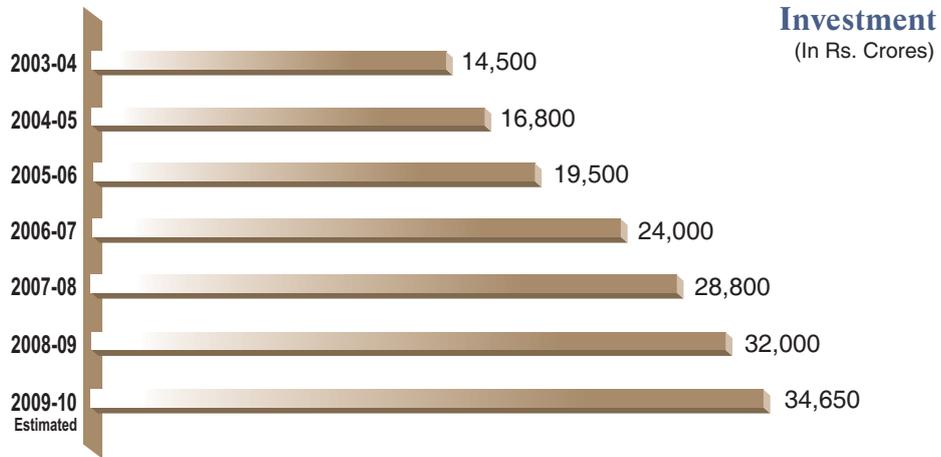
#### Production (No. of Units)



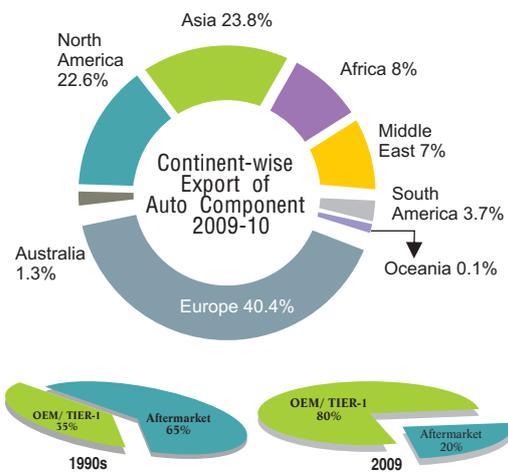
#### Sales (Domestic + Exports) (No. of Units)



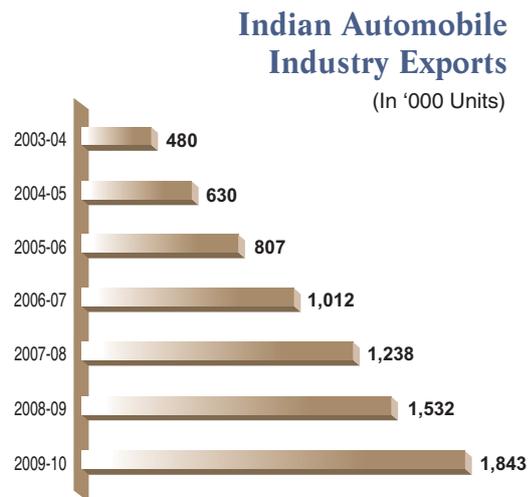
### AUTO COMPONENT SECTOR



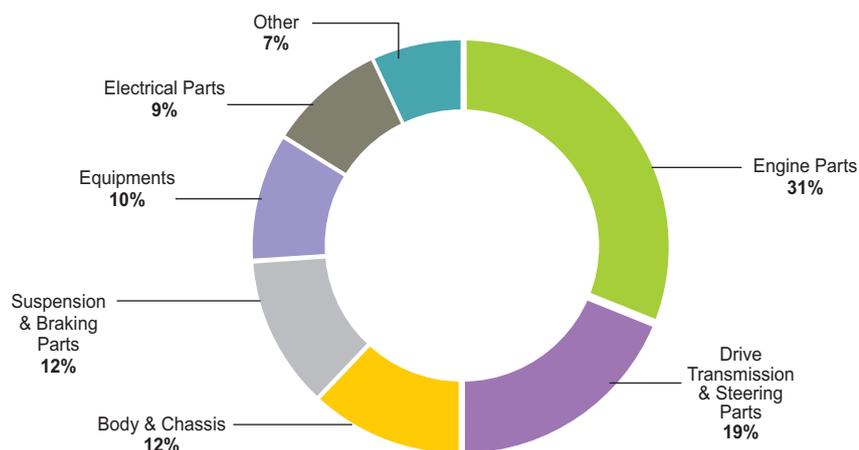
### DIRECTION OF EXPORTS



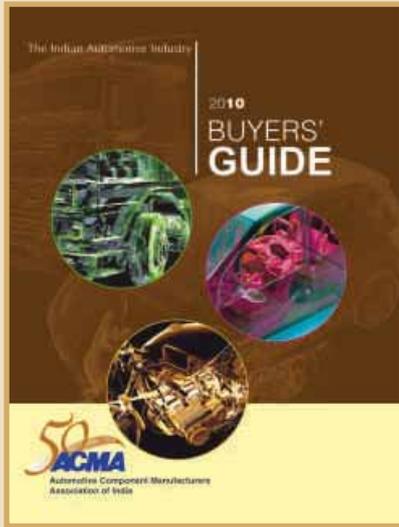
### VEHICLE SECTOR



### INDUSTRY PRODUCT RANGE



# ACMA in the Press & Publication



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

For the 25th year in succession, ACMA published the Buyers' Guide 2010 edition which has now become the only sourcing guide for the auto component industry.



# 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 50 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

## ACMA MEMBERSHIP

**A.**

A. G. Industries Pvt. Ltd.  
 Abilities India Pistons & Rings Ltd.  
 Accurate Products Corporation Pvt. Ltd.  
 Acey Engineering Pvt. Ltd.  
 Action Batteries Pvt. Ltd.  
 Aditya Auto Products & Engineering (I) Pvt. Ltd.  
 Admach Auto Industries (I) Pvt. Ltd.  
 Adroit Industries (India) 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.  
 Allena Auto Industries Pvt. Ltd.  
 Allied Nippon Ltd.  
 Almighty Auto Ancillary Pvt. Ltd.  
 Alphaa Springs Chennai (P) Ltd.  
 Alpump Ltd.  
 Amalgamations Repco Ltd.  
 Amararaja Batteries Ltd.  
 American Axle and Manufacturing Services (I) Pvt. Ltd.  
 Amtek  
 Amtek Auto Ltd.  
 Amul Industries Pvt. Ltd.  
 Amul Polycure Industries Ltd.  
 Anand Motor Products Pvt. Ltd.  
 Anand Nishikawa Company Ltd.  
 Anand NVH Products (P) Ltd.  
 Anant Enterprises  
 ANG Auto Ltd.  
 Aradhya Steel Pvt. Ltd.  
 ARB Bearings Ltd.  
 Arvind Engineering Works Ltd.  
 Asahi India Glass Ltd.  
 Ashok Iron Works Pvt. Ltd.  
 Ashra Consultants Pvt. Ltd.  
 Asia Motor Works Ltd.  
 ASK Automotive Pvt. Ltd.  
 ASL Industries Pvt. Ltd.  
 Associated Manufacturing Company  
 Asti Electronics India Pvt. Ltd.  
 Aurangabad Electricals Ltd.  
 Auro Plastic Injection Moulders Pvt. Ltd.  
 Auto Ignition Ltd.  
 Auto Shell Perfect Moulder Ltd.  
 Auto Window  
 Autocomp Corporation Panse Pvt. Ltd.  
 Autofit Pvt. Ltd.  
 Autoflex Pvt. Ltd.  
 Autoline  
 Autolite (India) Ltd.  
 Autoliv Safety Systems India Pvt. Ltd.  
 Autometers Alliance Ltd.  
 Automotive Stampings and Assemblies Ltd.  
 Automotive Valves Pvt. Ltd.  
 Avasarala Technologies Ltd.  
 AVR Valves Pvt. Ltd.  
 AVS Brake Linings Pvt. Ltd.  
 Avtec Ltd.  
 Axles India Ltd.

**B.**

Badve Engineering Ltd.  
 Baijnath Plastic Products Pvt. Ltd.  
 Bajaj Motors Ltd.  
 Balu India  
 Banco Products (India) Ltd.  
 BASF Catalysts India Pvt. Ltd.  
 Baynee Industries  
 BCL Forgings Ltd.  
 BCL-Springs  
 Benara Bearings & Pistons Ltd.

Benara Udyog Ltd.  
 Besmak Components Pvt. Ltd.  
 Besoto Starting Systems Pvt. Ltd.  
 Beta Industrial Products  
 Beta Tools Pvt. Ltd.  
 Bharat Forge Ltd.  
 Bharat Gears Ltd.  
 Bharat Seats Ltd.  
 Bhavani Industries  
 Bhushan Steel Corporation  
 BIC Auto Pvt. Ltd.  
 BIL Metal Industries Ltd.  
 Bill Forge Pvt. Ltd.  
 Bimetal Bearings Ltd.  
 Birla AccuCast Limited  
 BMC Metalcast Ltd.  
 Bohra Rubber Pvt. Ltd.  
 Bond Safety Belts  
 Bony Polymers Pvt. Ltd.  
 Borgwarner Cooling Systems India Pvt. Ltd.  
 Borgwarner Morse Tec India Pvt. Ltd.  
 Bosch Chassis Systems India Ltd.  
 Bosch Ltd.  
 Brakes India Ltd.  
 Brakewel Automotive Components (I) Pvt. Ltd.  
 Bright Autoplast Pvt. Ltd.  
 Bundy India Ltd.

**C.**

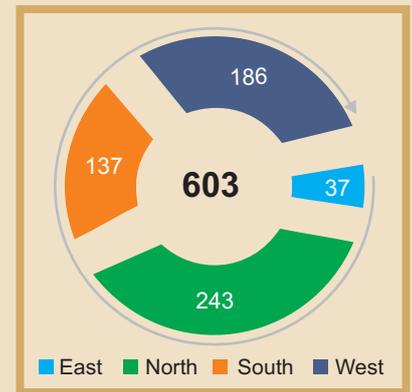
C. M. Smith & Sons Ltd.  
 Calnex Auto  
 Caltherm Thermostats Pvt. Ltd.  
 Caparo Engineering India Pvt. Ltd.  
 Car International  
 Carl Bechem Lubricants (India) Pvt. Ltd.  
 Carraro India Pvt. Ltd.  
 Cast Master  
 Castwel Autoparts Pvt. Ltd.  
 Ceekay Daikin Ltd.  
 Chandok Automotive Manufacturers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

**D.**

D. D. Industries Ltd.  
 Daewon India Autoparts Pvt. Ltd.  
 Dali & Samir Engineering Pvt. Ltd.  
 DCM Engineering Products  
 Deccan Radiators And Pressings Pvt. Ltd.  
 Dell'orto India Pvt. Ltd.  
 Delphi Automotive Systems Pvt. Ltd.  
 Delphi-TVS Diesel Systems Ltd.  
 Demanik Enterprises  
 Denso India Ltd.  
 Denso Kirloskar Industries Pvt. Ltd.  
 Deusch Mediquip Pvt. Ltd.  
 Devendra Exports Pvt. Ltd.  
 Devilog Systems (India)  
 Dhoot Transmission Pvt. Ltd.  
 D-M-E Company (India) Pvt. Ltd.  
 Durovalves India Pvt. Ltd.  
 Dyna-K Automotive Stampings Pvt. Ltd.  
 Dynamatic Technologies Ltd.

**E.**

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



Electrica Engineers (India) Pvt. Ltd.  
 Electromags  
 Elofic Industries Ltd.  
 Emdet Jamshedpur Pvt. Ltd.  
 Emkay Automobile Industries Ltd.  
 Emmbros Autocomp Ltd.  
 Endurance Technologies Pvt. Ltd.  
 Engineering Technologies  
 Enginotech Systems Pvt. Ltd.  
 Enkei Castalloy Ltd.  
 Escorts Ltd.  
 Essae Aucom Pvt. Ltd.  
 Estee Auto Pressings Pvt. Ltd.  
 Everest Electrical & Engineering Company Pvt. Ltd.  
 Excel Polymotive  
 Exotech Zanini Industries Pvt. Ltd.

**F.**

FAG Bearings India Ltd.  
 Fairfield Atlas Ltd.  
 Faurecia Emissions Control Technologies India Pvt. Ltd.  
 FAURECIA Technology Center India Pvt. Ltd.  
 Federal-Mogul Goetze (India) Ltd.  
 Fenner (India) Ltd.  
 Fiem Industries Ltd.  
 Fine Blanking Pvt. Ltd.  
 Fine Brakes  
 Flash Electronics (I) Pvt. Ltd.  
 Flywheel Ring Gears Pvt. Ltd.  
 Friends Castings Pvt. Ltd.

**G.**

G B Rubber Products  
 G. S. Auto International Ltd.  
 Gabriel India Ltd.  
 Gajra Gears Pvt. Ltd.  
 Galaxy Bearings Ltd.  
 Garg Industrial Corporation  
 Gargs Engineers Ltd.  
 Gatiman Auto Pvt. Ltd.  
 Gearock Forge Pvt. Ltd.  
 Ghaziabad Precision Products Pvt. Ltd.  
 Gilard Electronics Pvt. Ltd.  
 GKN Driveline (India) Ltd.  
 GKN Sinter Metals Pvt. Ltd.  
 Global Automotive Components (P) Ltd.  
 Global Autotech Ltd.  
 GNA Axles Ltd.  
 GNA Duraparts Pvt. Ltd.  
 GNA Udyog Ltd.  
 Gold Seal Engineering Products Pvt. Ltd.  
 Goldy Precision Stampings Pvt. Ltd.  
 Grace Infrastructure 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.  
Harinder Industries Pvt. Ltd.  
Harita Seating Systems Ltd.  
Harsha Engineers Ltd.  
Hella India Electronics Pvt. Ltd.  
Hema Engineering Industries Ltd.  
Hero Motors Ltd.  
Highco Engineers (P) Ltd.  
Highway Industries Ltd.  
Hi-Lux Automotive Pvt. Ltd.  
Hindalco Industries Ltd.  
Hinduja Foundries Ltd.  
Hindustan Composites Ltd.  
Hindustan Hardy Spicer Ltd  
Hi-Tech Gears Ltd.  
Hodek Vibration Technologies Pvt. Ltd.  
Honeywell Turbo Technologies India Pvt. Ltd.  
Horizon Industrial Products Pvt. Ltd.

**I.**

I E Auto Industrial Enterprise Pvt. Ltd.  
I P Rings Ltd.  
Ibex Products Pvt. Ltd.  
IFB Automotive Pvt. Ltd.  
IFB Industries Ltd.  
IM Gears Pvt. Ltd.  
Imperial Auto Industries Ltd.  
India Forge and Drop Stampings Ltd.  
India Japan Lighting Pvt. Ltd.  
India Nippon Electricals Ltd.  
India Pistons Ltd.  
Indian Diecasting Industries  
Indication Instruments Ltd.  
Indico Motors Pvt. Ltd.  
Indo Autotech Ltd.  
Indo-Schottle Auto Parts Pvt. Ltd.  
Indo-Shell Mould Ltd.  
Industrial Engineering Syndicate  
Industrial Forge & Engineering Co. Ltd.  
Industrial Rubber Products Pvt. Ltd.  
Injectoplast Pvt. Ltd.  
Innova Rubbers Pvt. Ltd.  
Insulation & Electrical Products Pvt. Ltd.  
Investment & Precision Castings Ltd.  
Involute Technologies Pvt. Ltd.  
IST Ltd.

**J.**

Jamna Auto Industries Ltd.  
Jay Bharat Maruti Ltd.  
Jay Switches (India) Pvt. Ltd.  
Jay Ushin Ltd.  
Jaya Hind Industries Ltd.  
Jayashree Polymers Pvt. Ltd.  
Jayem Auto Industries Pvt. Ltd.  
JBM Auto Ltd.  
JHS Taigene Electrical Co. Pvt. Ltd.  
John Fowler (India) Pvt. Ltd.  
Johnson Matthey India Pvt. Ltd.  
Jumps Auto Industries Ltd.

**K.**

K.M.P. Manufacturing Company  
K.R. Industries  
Kalra Overseas Pvt. Ltd.  
Kalyani Forge Ltd.  
Kalyani Thermal Systems Ltd.  
Kamal Rubplast Industries Pvt. Ltd.  
Kar Mobiles Ltd.  
Kavia Engineering Private Ltd.  
Kay Jay Forgings Pvt. Ltd.  
Keihin Panalfa Ltd.  
Kern-Liebers India Pvt. Ltd.  
Keystone Appliances Pvt. Ltd.  
Kiran Udyog

Kirat Plastics Pvt. Ltd.  
Kirloskar Oil Engines Ltd.  
Kirloskar Toyoda Textile Machinery Pvt. Ltd.  
Kiswok Industries Pvt. Ltd.  
KLT Automotive And Tubular Products Ltd.  
Knorr-Bremse Systems for Commercial Vehicles India Pvt. Ltd.  
Kongovi Electronics Pvt. Ltd.  
Krishna Auto Industries  
Krishna Maruti Ltd.  
Kriti Industries (India) Ltd.  
Kross Manufacturers (I) Pvt. Ltd.  
KSS Abhishek Safety Systems Pvt. Ltd.  
Kulkarni Engineers  
Kunstocom (India) Ltd.  
Kusalava International Ltd.

**L.**

L. G. Balakrishnan & Bros. Ltd.  
Lakhani Rubber Works  
Lakshman Tools Pvt. Ltd.  
Lakshmi Precision Screws Ltd.  
Lasko Engineering Co.  
Lear Automotive India Pvt. Ltd.  
Lifelong India Ltd.  
Liners India Ltd.  
Lucas TVS Ltd.  
Lumax Automotive Systems Ltd.  
Lumax DK Auto Industries Ltd.  
Lumax Industries Ltd.  
Luxite Industries Ltd.

**M.**

M & M Machine Craft Pvt. Ltd.  
M And M Auto Industries Limited  
M.D. Industries  
M.K. Auto Industries  
M.M. Industrial Controls Pvt. Ltd.  
M.V.D. Auto Components Pvt. Ltd.  
Macas Automotive  
Machino Polymers Ltd.  
Maco Pvt. Ltd.  
Madhusudan Auto Ltd.  
Madras Engineering Industries Pvt. Ltd.  
Magnum Strips & Tubes Pvt. Ltd.  
Mahalaxmi Seamless Ltd.  
Mahindra Forgings Ltd.  
Mahindra Gears & Transmissions Pvt. Ltd.  
Mahindra Hinoday Industries Ltd.  
Mahindra Sona Ltd.  
MAHLE Engine Components India Pvt. Ltd.  
Mahle Filter Systems (India) Ltd.  
Maini Precision Products Pvt. Ltd.  
Makino Auto Industries  
Mandap International Pvt. Ltd.  
Mando India Ltd.  
Mann and Hummel Filter Pvt. Ltd.  
Mansons Automotive Rubber Pvt. Ltd.  
Mantri Metallics Pvt. Ltd.  
Mark Exhaust Systems Ltd.  
Mayur Industries Ltd.  
Mayur Uniquoters Ltd.  
MEC Bearings Pvt. Ltd.  
Meenakshi Polymers Pvt. Ltd.  
Mehta Engineers Ltd.  
Metaforge Engineering (India) Pvt. Ltd.  
Metal Form  
Metaldyne Industries Ltd.  
Metalman Auto Pvt. Ltd.  
MEW Suspensions Pvt. Ltd.  
MHB Filter India Pvt. Ltd.  
Microsign Products  
Mikroflo Filters Pvt. Ltd.  
Milton Plastics Ltd.  
Minda Corporation Ltd.  
Minda Furukawa Electric Pvt. Ltd.  
Minda Industries Ltd.  
Minda Sai Limited  
Minda Stoneridge Instruments Ltd.

Minda Valeo Security Systems Pvt. Ltd.  
Mindarika Pvt. Ltd.  
Mitsuba Sical India Ltd.  
MK Autocomponents India Ltd.  
Mobility Solutions Ltd.  
Mohindra Fasteners Ltd.  
Moon Paper & Machinery Pvt. Ltd.  
Motherson-Sumi Systems Ltd.  
Mrinalini Industries  
Multitech Auto Ltd.  
Multivac India Pvt. Ltd.  
Mungi Brothers  
Munjhal Auto Industries Ltd.  
Munjhal Showa Ltd.  
Mutha Founders Pvt. Ltd.  
Mutual Industries Ltd.

**N.**

Nalin Rubber (P) Ltd.  
Napino Auto & Electronics Ltd.  
Nash Products  
Natesan Synchrocones Pvt. Ltd.  
National Engg. Industries Ltd.  
National Industrial Apparels Pvt. Ltd.  
National Plastic Technologies Ltd.  
National Rubber Engineers  
Neepez V. Forge (India) Ltd.  
Nelcast Ltd.  
NEOLITE ZKW Lightings Pvt. Ltd.  
New Engineering Works  
New Swan Enterprises  
Nicks Auto Industries Pvt. Ltd.  
Nipman Fastener Industries Pvt. Ltd.  
Nippon Audiotronix Ltd.  
Nippon Thermostat (India) Ltd.  
Nishan Automobiles  
NRB Bearings Ltd.  
NTF (India) Pvt. Ltd.  
NTTF Industries Ltd.

**O.**

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

**P.**

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

**Q.**

QH Talbros Ltd.

**R.**

R.K. Profiles Pvt. Ltd.  
Radiant Polymers Pvt. Ltd.  
Raghu Engineering  
Raja Forgings & Gears Ltd.  
Rajatdeep Overseas Pvt. Ltd.  
Rajhans Pressings Pvt. Ltd.  
Rajsriya Automotive Industries Pvt. Ltd.  
Rambal Ltd.  
Ramkrishna Forgings Ltd.  
Ramsays Corporation Pvt. Ltd.  
Rane (Madras) Ltd.  
Rane Brake Lining Ltd.  
Rane Engine Valve Ltd.  
Rane NSK Steering Systems Ltd.  
Rane TRW Steering Systems Ltd.  
Ranee Polymers Pvt. Ltd.  
Rangamma Steels & Malleables  
Rasandik Engg. Industries (I) Ltd.  
Raunaq Automotive Components Ltd.  
Rawats International Pvt. Ltd.  
Reliable Autotech Pvt. Ltd.  
Remsons Industries Ltd.  
Rico Auto Industries Ltd.  
Rico Castings Ltd.  
Right Tight Fasteners Pvt. Ltd.  
Rinder India Pvt. Ltd.  
Ring Plus Aqua Ltd.  
Rising Sun International  
Rockman Industries Ltd. (Auto Division)  
Rojee-Tasha Stampings Pvt. Ltd.  
Roop Automotives Ltd.  
Roop Polymers Ltd.  
Roots Industries India Ltd.  
Roulunds Braking (India) Pvt. Ltd.  
RSB Transmissions (I) Ltd.  
Rucha Engineers Pvt. Ltd.  
Rucha Technologies Pvt. Ltd.

**S.**

S. M. Auto Engineering Pvt. Ltd.  
S.K. Spring Co.  
Sadhu Forging Ltd.  
Sainik Spring Works  
Saint Gobain Glass India Ltd.  
Sakthi Auto Component Ltd.  
Samarth Engg. Co. Pvt. Ltd.  
Sanatan Autoplast Pvt. Ltd.  
Sanauto Engineers (India) Pvt. Ltd.  
Sandeep Metalcraft Pvt. Ltd.  
Sandhar Technologies Ltd.  
Sanjeev Auto Parts Manufacturers Pvt. Ltd.  
Sankar Sealing Systems Pvt. Ltd.  
Sansera Engineering (P) Ltd.  
Santech Motors Pvt. Ltd.  
Sathya Auto Pvt. Ltd.  
Satyam Auto Components Ltd.  
Sawalka Kel Pvt. Ltd.  
Seema & Co.  
Seinumero Nirman Pvt. Ltd.  
Sellowrap EPP India Pvt. Ltd.  
Sellowrap Manufacturing Pvt. Ltd.  
Sensing Technologies Pvt. Ltd.  
SEP India Pvt. Ltd.  
Setco Automotive Ltd.  
Sharda Motor Industries Ltd.  
Sheet Shapers  
Shivam Autotech Ltd.  
Shivani Locks Pvt. Ltd.  
Shriram Pistons & Rings Ltd.  
Sigma Corporation (India) Ltd.  
Sigma Freudenberg NOK Pvt. Ltd.  
Sigma Moulds & Stampings Pvt. Ltd.  
Sigma Vibracoustic (India) Pvt. Ltd.  
Simmonds Marshall Ltd.

Singhbhum Machinometal Pvt. Ltd.  
SKH Metals Ltd.  
SOGEFI MNR Filtration India Pvt. Ltd.  
Sona Koyo Steering Systems Ltd.  
Sona Okegawa Precision Forgings Ltd.  
Sona Somic Lemforder Components Ltd.  
Soni Auto & Allied Industries Ltd.  
Southern Auto Castings Pvt. Ltd.  
Spaco Technologies (India) Pvt. Ltd.  
Special Engineering Services Ltd.  
Special Tools Pvt. Ltd.  
Spicer India Ltd.  
Spring India  
Spun Micro Processing (P) Ltd.  
Sree Lakshmi Industrial Forge & Engineers Ltd.  
Sri Ramadas Motor Transport Ltd.  
Standard Radiators Pvt. Ltd.  
Stanzen Toyotetsu India (P) Ltd.  
Steel City Metal Products (P) Ltd.  
Steel Strips Wheels Ltd.  
Sterling Tools Limited  
Stork Auto Engineering Pvt. Ltd.  
Stork Rubber Products Pvt. Ltd.  
Stumpp Schuele & Somappa Pvt. Ltd.  
Subros Limited  
Sudhir Forgings Pvt. Ltd.  
Sujan Industries  
Sulzer Metco India Ltd.  
Sumati Engineering Co. Pvt. Ltd.  
Sumit Enterprises  
Sun Steering Wheels Pvt. Ltd.  
Sunbeam Auto Ltd.  
Sundaram Auto Components Ltd.  
Sundaram Brake Linings Ltd.  
Sundaram Clayton Ltd.  
Sundaram Industries Ltd.  
Sundram Fasteners Ltd.  
Sunpac Auto (India) Pvt. Ltd.  
Sunstar Precision Forge Ltd.  
Super Auto Forge Ltd.  
Super Auto India Ltd.  
Super Circle Auto Ltd.  
Super Seals India Ltd.  
Supercircle Pvt. Ltd.  
Suprajit Engineering Ltd.  
Suraj General Engineers (P) Ltd.  
Suraj Precision Engineering Works Pvt. Ltd.  
Surya Springs  
Susira Industries Ltd.  
Syndicate Wiper Systems Pvt. Ltd.

**T.**

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

Trigno Engineering Pvt. Ltd.  
Trim India Pvt. Ltd.  
Tube Investments of India Ltd.  
Tulsi Castings and Machining Ltd.  
Turbo Energy Ltd.  
Turbo Gears India Pvt. Ltd.  
Twenty First Century Auto Locks Pvt. Ltd.  
Tyco Electronics Corporation India (P) Ltd.

**U.**

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

**V.**

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

**W.**

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

**X.**

XLO India Ltd.

**Y.**

Yeshshree Press Comps. Pvt. Ltd.  
Yoshama And Company Pvt. Ltd.  
Yutaka Autoparts Pune Pvt. Ltd.

**Z.**

Z F Steering Gear (India) Ltd.







50  
Years





**Automotive Component  
Manufacturers Association of India**

#### **HEAD OFFICE**

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Tel: +91 11 2616 0315, 2617 5873, 2617 5874, 2618 4479

Fax: +91 11 2616 0317 E-mail: [acma@acma.in](mailto:acma@acma.in) Website: [www.acmainfo.com](http://www.acmainfo.com)

#### **REGIONAL OFFICES**

##### **EASTERN REGION**

Room No. 309  
C/o Adityapur Industrial Area  
Development Authority (AIADA),  
Vikas Bhawan, Adityapur,  
Jamshedpur 831 013  
Jharkhand  
Tel: +91 657 3203261  
Telefax : +91 657 2372397  
Email: [acmaer@acma.in](mailto:acmaer@acma.in)

##### **SOUTHERN REGION**

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

##### **SOUTHERN REGION ZONAL OFFICE**

(Karnataka & Hosur)  
Shop No. 1, 1<sup>st</sup> Floor,  
NGV Commercial Complex,  
National Games Village,  
Koramangala, Bangalore 560 047  
Karnataka  
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