

ACMA

Automotive Component Manufacturers Association of India

June-July 2016

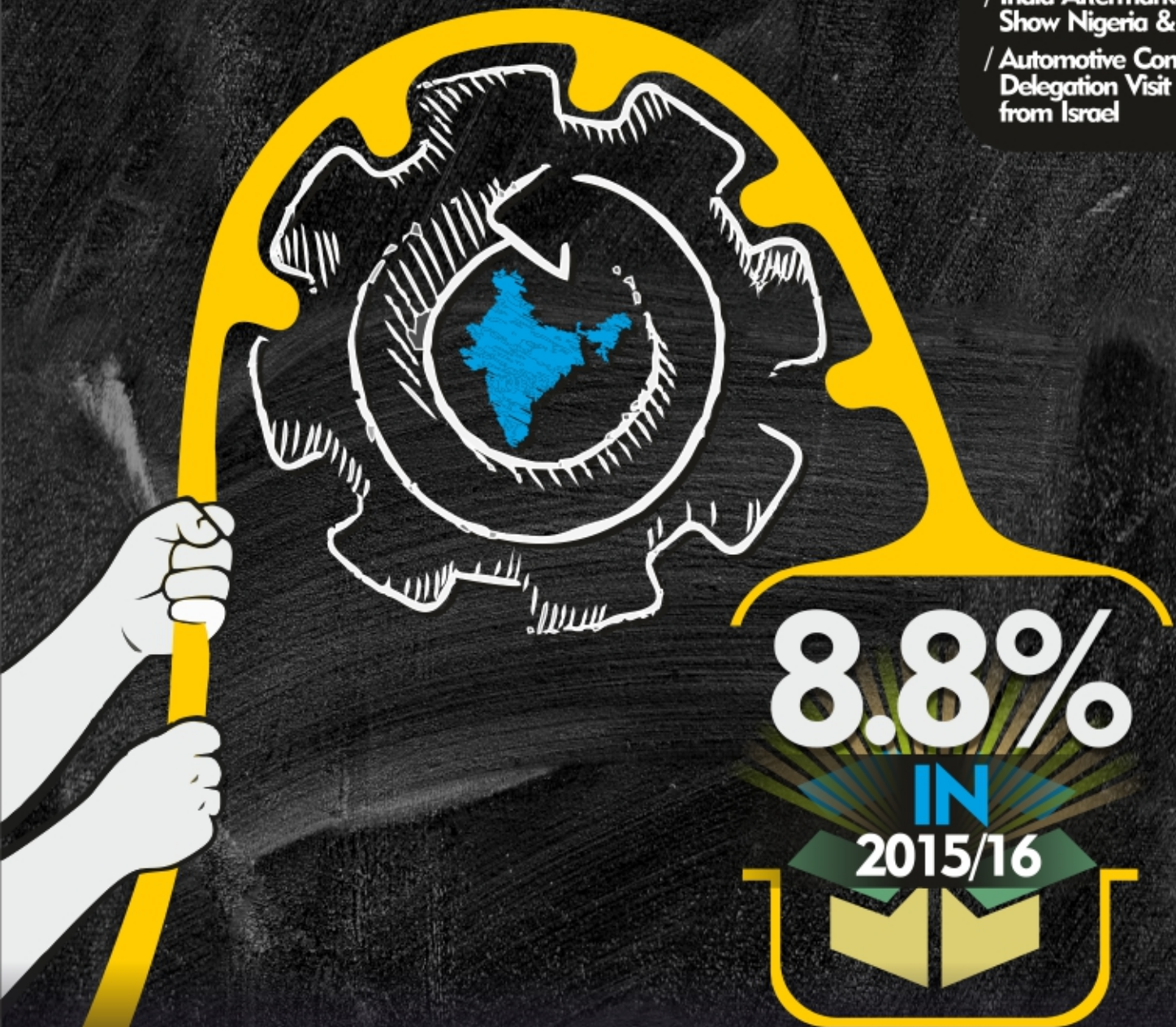
AUTONEWS

Vol 9 No 61

INDIAN AUTO COMPONENT INDUSTRY GROWS...

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The Indian economy faced a slowdown last year due to inconsistent monsoons impacting rural demand further changes in emission norms, introduction of safety regulations and focus on fuel conservation adversely impacted the automotive market in the country.

Despite all the odds, it gives me immense pleasure to report that the Indian auto-component industry managed to surpass its target of Rs.2,07,000 crore in FY2016 by recording an overall turnover of Rs.2,55,636 crore (USD 39 billion). The industry grew by 8.8% from last financial year. Further, it is interesting to note, in a period when the overall exports of India declined by 9.58 per cent, the Indian auto component industry exports grew by 3.5 per cent to 70,996 crore (USD 10.8 billion) in 2015-16 from Rs 68,500 crore (USD 11.2 billion) during 2014-15, registering a CAGR of 18 percent over a period of six year. ACMA has played a pivotal role in supporting its members in export development and in discovering new market opportunities, currently the industry exports to more than 167 countries.

In the coming decade, driven by needs of safety, fuel efficiency, sustainability and customer preferences, the Indian automotive industry will undergo a significant transformation. Amendment in Motor Vehicle ACT and legislations on Vehicle Recall and Vehicle Scrapage and focus on electric mobility and alternative fuels will also impact the industry dynamics. Over the years the auto component industry has adapted well to the changing environment and customer needs. To keep pace, the Indian auto component manufacturers will be required to develop capabilities for in-house design, harness frugal engineering and create product differentiation through innovation. Further, the industry will be required to focus on Quality and Innovation more than ever before to graduate from being a 'build to print' to one that is 'art to part'.

In this edition of the magazine we have covered CEO's mission to Korea which comprised of 16 ACMA members and was led by Mr Arvind Balaji, President, ACMA. The objective of the mission was to explore tie-ups, JVs, technical collaborations with Korean auto component manufacturers. The overall feedback received from the members was very encouraging and I hope you enjoy reading it.

Vinnie Mehta
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Design & Production: Ashes Design Studio, New Delhi |
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INTERNATIONAL ::

MoU SIGNING WITH
KOREA TRADE CENTRE (KOTRA)

Continuing with ACMA's endeavour to build linkages and strengthening mutual business cooperation, ACMA signed a MoU with Korea Trade Centre (KOTRA) adding to the list of more than 30 MoUs with counterpart associations across the globe. The MoU was signed by Mr. Won Sok Yun, Executive Vice President, KOTRA and Mr Vinnie Mehta, Director General, ACMA during the Korea-India Infrastructure & Industry Forum 2016 on June 17, 2016 New Delhi.

Korea Trade Centre plays a critical role to develop and support the bilateral trade promotion between Korea and India and a key performer for the promotion of Joint Ventures and Foreign Investments between the two economies.

Over 450 Indian business communities and 150 Korean entrepreneurs met at the event in the presence of Hon'ble Mr Joo Hyunghwan, Minister for Trade, Industry & Energy of the Republic of Korea, Ms. Nirmala Sitharaman, Hon'ble Minister of State for Commerce & Industry (India), H.E. Mr. Cho Hyun, Ambassador of Korea to India, amongst other dignitaries.



CEO's MISSION TO SOUTH KOREA



ACMA organised a CEOs' Mission to South Korea from 27 June – 01 July, 2016. The delegation of 16 member companies was led by Mr. Arvind Balaji, President, ACMA. The objective of the mission was:

- To explore opportunities for supplying to the South Korean OEMs
- To explore tie-ups, JVs, technical collaborations with Korean auto component manufacturers
- Understand the Korean vehicle manufacturers purchasing and sourcing strategy and their expectations of Indian suppliers.
- Learn best practices followed by the Korean Auto/Auto Component Industry

The South Korean automotive industry is the fifth-largest in the world measured by automobile unit production and by automobile export volume. While its initial operations were merely assembling of parts imported from foreign companies, South Korea is today among the most advanced automobile-producing countries in the world. In the 1990s, the industry manufactured numerous in-house models, demonstrating not only its capabilities in terms of design, performance, and technology, but also signaling its coming of age. In 2015, the country produced 4.5 million vehicles out of which 1.8 million were used for domestic and the rest 2.7 million vehicles were exported.

The delegation visited General Motors, Hyundai Motors, Hyundai Heavy Industry, Tata Daewoo and Mahindra Ssangyong and had meetings with heads of purchasing teams. The ACMA delegates also interacted with several tier 1 and 2 company representatives from the Korean automotive industry.

Apart from company visits, Korea Trade Association (KITA) along with Ko-In Business Development Center Pvt. Ltd. (KIBC) and the Indian Embassy in Seoul organised seminars on "Korea – India Auto Parts Industry Business Networking" on June 27 in Seoul and June 28 in Ulsan. The seminar at each location was well attended by over 50 participants from the Korean Auto Components Industry. South Korean automotive Industry has several lessons to offer to the Indian auto components industry right from shop floor discipline to

high automation for better productivity to focus on engineering and technology to scaling up of operations. The overall feedback received from members was very encouraging.



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- Largest Foundry Group in India producing 140,000 MT per annum.
- JAYASWAL NECO INDUSTRIES Ltd. has been selected by Dun & Bradstreet in its list of "India's Top 500 companies 2007".
- The Group is Ranked 121 / 500 by "Return on Net Worth" and 219 / 500 on "Total Income" amongst the Top 500 companies.

OUR PARTNERS IN BUSINESS



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Castings for Earth Moving Equipments / Trucks (HCV)



Cylinder Heads & Blocks



GROUP COMPANIES



INDIA AFTERMARKET AUTO SHOW IN NIGERIA AND KENYA



ACMA with the support of Ministry of Commerce and Industry in India, Indian High Commission in Nigeria and Kenya organized the first ever India Aftermarket Show, Buyers- Sellers Meet, along with aftermarket visit in Nigeria on July 18 & 19, 2016 and July 21 & 22, 2016 in Kenya.

Both the Indian High Commissioner's from Kenya and Nigeria graced the occasion and extended the participating companies their full support of ease of doing business. Mr. Sunil Arora, ACMA Chairman Northern Region, gave a presentation on the overview of the Automotive sector of India to the participants.

14 ACMA member companies participated to showcase their products at the Buyers Sellers Meet. Over 130 buyers/distributors witnessed the event, the feedback received from participating companies was encouraging in terms of business enquires generated.



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Looking forward for a strong long term relationship which will help us grow together. ”

Director,
Jai Bhavani Group of Companies
Automotive - Precision Components Manufacturer

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MEETING WITH AUTOMOTIVE COMPONENTS/ TECHNOLOGY DELEGATION FROM ISRAEL



ACMA with Economic and Trade Mission of Israel organised an interaction and Business to Business meetings with the visiting nine companies from Israel on July 26, 2016 in New Delhi.

The objective of the interaction was to build relationship through Joint Ventures/ Technology Transfer etc and create awareness about Israel automotive industry among ACMA members.

Mr Amit Mukherjee, Deputy Executive Director, ACMA welcomed the delegates and updated them about the Indian automotive industry. Around 30 companies participated from ACMA members.





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DOMESTIC REVERSE BUYER SELLER MEET (RBSM)

Dates: 20th & 21st January 2017

The highlight of this year's Expo is organizing of "Reverse BSM" concurrently. This would be a 2 day event happening on second and third day of the show. In this meet, the Buyers will be given the opportunity to display their desirable Rubber Components to be procured from the industry.

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NAITONAL COMMITTEES :

ACMA NATIONAL CONCLAVE ON FOUNDRY BEST PRACTICES

Raw Material Committee

As a number of processes are involved in manufacturing castings, the entire value chain has to consider several design related, technology related, quality and tools related and other manufacturing process related parameters.



ACMA organized a National Conclave on Foundry Best Practices on 11th July, 2016 in New Delhi with an objective to provide an insight on the latest trends and technologies used in castings. Castings is an important commodity for the automotive sector. Demand for die cast products has to meet exact specifications and quick turnaround time.

Chairman Raw Material Committee, ACMA, Mr Pranav Kapuria informed members, India is the third largest producer of castings in the world. With a production of 9.34 million tons of castings having grown at a CAGR of 3.9% over the last 5 years, the country ranks

only next to China and the US. The Automotive industry forms a major customer segment for the Indian casting industry. With a consumption of 32 percent of the total production of castings, the figures underline the importance of automotive sector in the growth of castings.

Leading experts with extensive experience in each of these areas shared their knowledge with participants in this Business Conclave.

The speaker, Mr K Suryaprakash, Brakes India Ltd spoke on check points at various levels from customer enquiry to advanced product quality planning and finally to bulk production and field performance.

Mr Pravin Malhotra, Co-chairman, ACMA Raw Material Committee shared his views on the importance of quality with the theme of the Conference chosen for the day.

Over 50 participants represented users of castings from Chennai, Hyderabad, Pune, Aurangabad, Baroda, Aligarh and the NCR.

GYAN DARSHAN – VISIT TO ECOCAT (INDIA) PVT. LTD., FARIDABAD

HR&IR Skill Development Committee



ACMA Northern Region and its HR Forum organized Gyan Darshan – Visit to Ecocat (India) Pvt. Ltd., Faridabad on July 27, 2016 which is amongst the ACMA HR Award Winner. A total of 31 participants were part of Northern Region HR Forum meeting.

ACMA AEROSPACE DELEGATION TO BENGALURU

Aerospace Defence & Railways Committee

ACMA's Aerospace Defence and Railways (ADR) Committee



organised a Reverse Exhibition-cum-B2B meetings with UTC Aerospace Systems at their premises in Bengaluru on July 28, 2016, which was followed by a shop floor visit.

ACMA also organized one day plant visit and interaction with suppliers to aerospace companies namely International Aerospace Manufacturing Pvt. Ltd (IAMPL), and Sansera Engineering Pvt. Ltd. on 29th July, 2016.

The objective of the interaction was to apprise members about the opportunities in the aerospace sector as also to give them an insight into the business dynamics of the sector. The visit helped the member to understand the need for upgrading in order to meet stringent requirements of serving the global Aerospace industry.

The 17 member delegation was led by Mr. F R Singhvi, Chairman, ACMA-ADR Committee and facilitated the interaction with the host companies.

VISIT TO UTC AEROSPACE SYSTEMS

The ACMA members visited UTC Aerospace Systems Ltd. (UTAS) which is one of the world's largest suppliers for aerospace and defence products. UTC designs, manufactures and services systems and components and provide integrated solutions for commercial, and military aircraft, helicopters and other platforms.

Mr. Chris Rao, Vice President & Mr Daniel Kumar, Director – Supply Chain at UTC Aerospace gave a presentation on UTC Aerospace systems. He stated that there is a critical gap between tier-1 & tier 2 aerospace companies in India and one of the major hurdle is to develop engineering talent, vendor base knowledge which UTC is currently focussing on.

The interaction session with UTC Aerospace was followed by a shop floor visit to their plant. UTC also displayed products which they would like to be sourced from the region and the discussions also revolved around capability to do specific family of parts. Mr Kumar also stated that the communication systems are going wireless in aircraft and will be a huge game changer in the coming years.

VISIT TO SANSERA ENGINEERING

At Sansera Engineering Pvt. Ltd., Mr S B Rakesh Vice President welcomed and briefed the members on their journey into aerospace sector. The delegates visited the plant which was equipped with state-of-the art machinery for manufacturing of precision machined aerospace components.

VISIT TO INTERNATIONAL AEROSPACE MANUFACTURING PVT. LTD (IAMPL)

International Aerospace Manufacturing Pvt. Ltd (IAMPL) is a 50/50 joint venture between Rolls-Royce and Hindustan Aeronautics Limited (HAL) which manufactures compressor parts for Rolls-Royce. Mr Marc Drew, Vice president IPCL welcomed the participants and gave a brief on IAMPL. IAMPL is an AS 9100, NADCAP, ISO 14001 and OHSAS 18001 accredited company.

The feedback received from the members was very encouraging. Members showed keen interest in joining such visit to aerospace companies in future.

autoDX – UPDATE

IT Committee Activities

The autoDX has started growing with over 2.5 lakh transactions per month and with an overall growth of 10% month-on-month, which is about 2.5 million transactions. This clearly indicates rising adoption of autoDX by OEMs and component suppliers.

autoDX- GSTN

autoDX team is in discussion with GSTN for connecting through EDI. So much so GSTN is keen to replicate the model with other industries. GSTN has invited autoDX to be a GSP – GST Suidha provider for EDI.

9TH GOVERNANCE COMMITTEE MEETING – AUTODX

The 9th Governance Committee meeting was held on June 22, 2016 at Bangalore. IBM presented the status update report and the members deliberated on how to accelerate the onboarding process. The Committee discussed on the Pricing as the IBM contract is nearing an end of SAP license issue, the need to have more ACMA and SIAM members on board and set targets for themselves with regard to onboard more members and to go-live.

Mr K K Gandhi – Executive Director – SIAM attended this meeting and congratulated the Governance Committee for the efforts and progress in autoDX. He extended his full support to increase adoption and awareness of autoDX to other OEMs.

FROM THE REGIONS ::

EASTERN REGION

4TH KAIZEN COMPETITION

ACMA Eastern Region organised the 4th Kaizen competition on June 8, 2016. Thirty one teams from ACMA membership participated in the Kaizen Competition.



Mr. Sanjay Sabharwal, Dy. Chairman, ACMA Eastern Region introduced the participants to the Jury members from Tata Motors, Tata Cummins and Tata Steel and explained them the rules of the competition.

The objective of organising the Kaizen competition was to recognize

and encourage member companies who give importance to continuous improvements through Kaizens. The healthy sense of competition, willingness to bring about the improvement changes, sharing the outcomes with the associates from the same industry and finally the presence of all the senior executives from the customer, TML, Jamshedpur, motivated everyone to make the competition a great success.

The winners of the competition were:

- Mr. Abhishek Prasad, Multitech Auto P. Ltd- Kaizen project on prevention of dent and damage.
- Mr. Abhishek Chopra, Singhbhum Machinometal P. Ltd for Kaizen project on creating capacity of production to cater increasing customer demand with minimal investment.
- Mr. Mukesh Chaudhary, RSB Transmissions (I) Ltd- Kaizen project on reducing internal rejection by improving process capability.

The Chief Guest was Mr. Sampat Kumar, CEO, TML Driveline and the guest of honour was MR. Akhilesh Kumar, Head, Project Sankalp, Tata Motors. All the senior executives of Tata Motors were also present for the valedictory function.

Mr. Sampat Kumar in his address to the gathering expressed his happiness to see the enthusiasm. He complimented ACMA for organizing the 4th edition of this competition.

Mr. Akhilesh Kumar congratulated the participants for their effort and enthusiasm and appreciated all the three best Kaizens shown to them.

"SWAVALAMBAN 2016": JOB FAIR

ACMA Eastern Region organized "Swavalamban 2016", a job fair on 10th & 11th June 2016 in Sonari for students holding diploma in engineering. The objective was to provide job opportunity to the students and provide skilled workforce to the ACMA members.



The job fair was organized in collaboration with Dayalbagh Educational Institute (DEI)- deemed university, Agra, and Dayalbagh Educational Institute Alumni Placement Assistance Cell, Jamshedpur. DEI is spread across 86 centers in India to provide vocational training at low cost to weaker sections of society and to make them employable and also to facilitate empowerment of women.



This job fair mainly aimed to provide placement to engineering and diploma in engineering students from DEI main campus and its ICT centres and certificate holders of vocational courses (e.g. Motor Vehicle Mechanic, Electrician, Office Assistant cum computer operator, welding, painting etc.) from eastern region DEI centres like Jamshedpur, Ranchi, Kolkata, Murar, Patna, Gaya, Dhanbad and provide skilled workforce to ACMA member companies.

Mr. Killol Kamani, Chairman ACMA, Mr. Sanjay Sabharwal, Dy. Chairman, ACMA, Professor Prem Swarup from DEI, Capt. Amitava from Tata Steel were invited for the inauguration.

"In the beginning of your carrier, you should not be looking only at the monetary aspect, your aim should be gaining skills and be the best, Money will follow you automatically" - said Mr. Killol Kamani, while addressing the students.

A total of 133 applicants and 11 ACMA member companies participated in the event. 56 students were selected for various jobs.

ONE DAY SESSION ON PROBLEM SOLVING

ACMA Eastern Region organised one day session on problem solving on July 9, 2016. The objective of the session was to give the delegates a deep understanding of various problem solving tools and how to use them.



The faculty for the workshop was Mr. Ashish Tripathy, a Mechanical Engineer & MS in manufacturing Management.

Mr. Tripathy discussed the seven basic steps of problem solving first;

- Identify the problem
- Identify and rank possible causes



- Take short term actions
- Determine failure causes
- Select and verify solutions
- Implement permanent solution
- Monitor, prevent reoccurrence

The workshop was attended by thirty two delegates and the feedback was encouraging.

NORTHERN REGION

ONE DAY TRAINING PROGRAM ON TRAIN THE TRAINER (TTT)



ACMA Northern Region organised a training program on Train the Trainer on 10th June, 2016 in New Delhi for its members.



Train the Trainer program enables experienced personnel to show how to deliver courses, workshops and seminars. Usually, a new instructor first observes a training event led by the course designer or subject-matter expert. A train-the-trainer workshop can build a pool of competent instructors who can then teach the material to other people.

The objective of this program was to understand fundamentals to become a trainer, delivering a training program, writing and structuring training and body language and voice projection skills.

The faculty for the training was Mr. Parvinder Singh who is a certified trainer with more than three decades of experience in many industries with an ITIL certification.

The faculty covered importance of communication and listening skills; various styles of learning & training – Kirk Patrick Model; qualities of a good presenter; how to build connect with audience – QBD, query handling, verbal and non-verbal aspects; enhancers and types of participants and different ways of handling different types of audiences.

This training turned out to be a meeting point amongst the participants who exchanged various innovative ideas already implemented at their training facilities. The participants emphasised that they were able to take away fresh ideas of training.

IN-HOUSE TRAINING ON 'FIRST AID' AT TACO GROUP RUDRAPUR



ACMA Northern Region organised an in-house training program for its member company – Tata Autocomp Systems Ltd. (TACO group) at Uttarakhand zone on First Aid, on June 15 and 16 June, 2016 in collaboration with the association of Indian Red Cross Society.

The aim of training program was to provide an understanding about the Emergency Medical Services (EMS) and steps involved in First Aid to save life and property, minimise injuries and use preventive measures.

The faculty for the training were Mr. Gagan Gunavanth, and Mr. Vimal Kumar having seven years of experience in conducting First Aid trainings in many industries.

The whole program was examined by Dr. Pankaj Aggarwal from Indian Red Cross Society at Rudrapur.

ONE DAY TRAINING PROGRAM ON COST OF POOR QUALITY (COPQ)

ACMA Northern Region organised a training program for its



members of Uttarakhand on Cost of Poor Quality (COPQ) on 16th June, 2016.

The objective of this program was to understand the impact of measuring the Cost of Poor Quality, identify the quality costs in an organization and understand the process for measuring the cost of quality.

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

The faculty taught the formula for calculating COPQ. The root cause analysis & countermeasures were also imparted during the training session. The faculty further discussed on various rules for reducing COPQ at shop-floors. The course emphasised on reducing COPQ for increasing profits, for improving quality management systems.

TRAINING PROGRAM ON "MODERN TECHNIQUES OF INVENTORY MANAGEMENT & SHARING OF EXPERIENCES VISIT TO SANDHAR AUTOMOTIVES

ACMA Northern Region organised one day training program on "Modern Techniques of Inventory Management" on June 17th, 2016 along with a visit to Sandhar Automotives Gurgaon.



The objective of the program was to understand the importance of inventory management, ways to reduce Inventory, techniques of inventory management, production management system employed at Japanese companies, improve the production flow from order to shipment and formulate an effective overall plan to increase production efficiency for inventory reduction.

Inventory management is an important function to determine the health of the supply chain as well as the impacts on the financial

health of the balance sheet. Every organization constantly strives to maintain an optimum inventory to be able to meet its requirements and avoid over or under inventory that can impact the financial figures.

The faculty for the training was Mr. Shalabh Capoor who possess more than three decades of experience in many industries.

The shop floor visit was led under the leadership of Mr. Appadurai, the Plant Head of Sandhar Automotives. A detailed presentation on the best practices followed at Sandhar Automotives, Gurgaon was provided.

The visit to the shop floor of Sandhar, showcased the efforts taken in critical areas such as molding section, manual assembly and the injection molding of the key making processes were shown.

The trainees at Sandhar Automotive appreciated the training program was much appreciated.

TWO DAYS "IN-HOUSE TRAINING ON "STATISTICAL PROCESS CONTROL (SPC)" AT IMPERIAL AUTO INDUSTRIES LTD. RUDRAPUR

ACMA Northern Region organised an in-house training program for Imperial Auto Industries Ltd., Utrakhand zone on Statistical Process Control, on 17th and 18th June, 2016.



The aim of the training was to improve the functioning through SPC, understand Process controls & capability terms, calculate process capability index, plot the control charts for variable & attribute data, implement control charts for process control in daily routine and drive improvement actions.

The faculty for the training were Mr. Ranjan Vasishtha, ex-DGM, Maruti Suzuki India and Mr. Rahul Saini a Manufacturing Excellence Consultant.

TWO DAYS TRAINING PROGRAM ON APQP & PPAP

ACMA Northern Region organised a two days Training Program for its members of Delhi NCR zone, this time on APQP & PPAP on June 28 and 29, 2016.

The objective of APQP was to have an effective communications with all the officials involved in the implementation scheme, timely completion of required goals, minimal or no quality problems and minimal risks related to quality during product launch.

The objective of PPAP was to create and document a process that is able to produce a product to a customer's engineering design, provide evidence that all customer engineering design record and specification requirements are properly understood by the organization and demonstrate that the manufacturing process produces product that consistently meets all requirements during an actual production run at the quoted production rate.

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

The faculty mentioned that APQP is cross-functional planning and its execution to produce product would fully meet the customers' expectations the first time. He told that PPAP is the mode used to identify and prioritize risk areas and their mitigation plans. The training was concluded with question answer session.

SOUTHERN REGION

FIRST CORE COMMITTEE MEETING – SKILL OLYMPICS AT TOYOTA- BANGALORE



The genesis of Skill Olympics was raised during a visit to HMSI. This was discussed with ACMA Chairman, Zonal co-ordinators and other key members of the Southern Region. A need was felt to organise skill Olympics for ACMA members. A core committee was formed and it was decided to invite the CEOs take their views and suggestions to formulate this idea. Mr Baligar – Zonal co-ordinator Karnataka & Hosur Zone agreed to host the CEO brainstorming session in TKAP and also invite TKM to this session. A visit to Gurukul and Toyota Technical Training Institute to was organized on June 17, 2016 to understand how TKM prepares for the World Skills Council.

Mr Ram Venkataramani – Chairman – Southern Region invited senior members from TKM and ACMA members to the session and laid the

context on the importance of Skill Development and how ACMA could play a role in enhancing the skills of our industry. Mr K G Mohan Kumar – Deputy Managing Director – TKAP welcomed the ACMA delegation and spoke about the various initiatives of ACMA and about ASDC. Mr Singhvi – Executive Committee member of ACMA spoke about the importance of Skill development the various activities of the HR committee of ACMA. He also spoke about the ACT cluster programmes and how its benefits. On ASDC programme he mentioned that 300 candidates have been trained and have benefitted.

ACMA CEOs and OEMs discussed and deliberated on the Skill Development and came-out with few suggestions such as, to set-up training centres, shared services – Each company build a skill centre for one skill and be able to share these centres with members for the benefit of the industry, business to play a major role in HR and skill development activities, to organise Skill Olympics that ACMA is working-on.

The day ended with thanking all members, TKM and TKAP for hosting the programme. All OEMs, TVS and HMSI also extended their support to this initiative.

WORKSHOP ON BUILDING CUSTOMER RELATIONSHIPS



ACMA Southern Region organised one day workshop on Building Customer Relationships at ACMA office on June 17, 2016 in Chennai. The program was conceived with the objective of understanding the importance of customer care, how deal with customer requirement and expectations and importance of building relationship and trust with customers. The faculty for this workshop was Mr P S Satish. A pre and post evaluation test to assess the knowledge on building customer relationships was conducted. Many implementable ideas from the participating delegates formed part of this workshop. The Workshop was attended by 20 delegates from 7 companies. A similar program was organized in the facilities of Bimetal Bearings Limited, Coimbatore on June 18, 2016. The Workshop was attended by 13 delegates from 5 companies.

BEST PRACTICES ON ENERGY CONSERVATION AND ENERGY MANAGEMENT AT TURBO ENERGY PRIVATE LIMITED

ACMA Southern Region organised a program on Best practices for energy conservation and energy management at Turbo Energy Pvt Limited including visit to the facilities to witness implementation of EM&E practices on June 24, 2016.

The program was conceived with the objective of sharing best experiences and initiatives in energy conservation and energy management.



Mr Satyanarayanan Seshadri – Chief Technology Officer & Mr S Muthuvel Murugan – Senior Engineer – Thermal Solutions from Aspiration Energy Private Limited presented on Solar potential in Low / mid temperature industrial process. Mr Seshadri demonstrated savings could be through active solar and passive solar. Excellent case studies implemented at various companies like Wheels India, Sona Koyo, TVS Motors, Ashok Leyland were showcased to the participants.

The site visit to the projects implemented by Turbo Energy Pvt Ltd consisted of a visit to the roof top to showcase the solar panels, visit through the building to showcase the daylight in office using solar power, and double walls with insulation material between them. They also showcased the solar dish installed at two places and two rainwater harvesting ponds.

The program was an eye opener that motivated the participants towards new ideas on energy savings. The presentations were well received and appreciated by the participants, who found the visit useful and meaningful.

MODULE 2 – SIX SIGMA GREEN BELT CERTIFICATION PROGRAM

The Second Module of its fourth batch of Six Sigma Green Belt Certification program was organized at ACMA office from July 7-8, 2016.



The program was attended by 11 delegates from 6 companies. The faculty for this program was Mr Viswanthan from World Class Manufacturing Solutions and a Master Black belt in six sigma.

The participants updated and submitted their six sigma projects and presented to the faculty. They were also tested on their knowledge levels and underwent a 3 hour test on Six sigma process.

SPECIAL PROGRAMME ON MACHINE MAINTENANCE - CONTROLLERS BY FANUC

A new initiative by ACMA on Machine maintenance- controllers was initiated along with FANUC. Program on Electrical & Control Systems was held on Tuesday, 12th July 2016 that covered topics on maintenance and troubleshoot on CNC Machines. As it was important to conduct this program together with practical exposure for better understanding, Sansera Engineering hosted the program. This programme was specially designed where experts from FANUC trained participants on actual machines that is being used by companies. Mr Balaji Jayaprakash with 12 years of experience in FANUC was the faculty for the program.



15 participants enrolled for the program who found the session useful. They also appreciated ACMA for conducting this programme.

11th QC COMPETITION OF ACMA SOUTHERN REGION

The 11th edition of ACMA Southern Region's Quality Circle Competition saw a record breaking number of 70 teams

participating that was held on 16 July, 2016 in Chennai.

Welcoming the jury and participants, Mr J Sridhar, Zonal Co-ordinator – ACMA Southern Region mentioned that QC has proved to be a great tool for problem solving and team building. Group effort such as these brings in a high level of bonding and confidence amongst the team members and in turn with the management. He thanked the sponsors for their contribution and belief in the QC movement.

The competition saw four parallel streams which was adjudicated by eminent jury members from OEM, and

Mr S Vaithilingam, General Manager – Quality Control , Hyundai Motor India Ltd.. and the Chief of Jury for the competition during the valedictory ceremony, complimented the participants for the enthusiasm, energy and for sharing knowledge and their experiences.

Mr Ganesh Mani, Vice President, Hyundai Motor India Ltd., Chief Guest for the event appreciated all the participants. He motivated the teams and complimented them for the way they have shown positivity in the competition.

Mr. Ram Venkataramani, Chairman (Southern Region) appreciated the efforts taken by the teams and complimented the involvement of team members which showed a sense of pride for their work and team. He further mentioned that Quality Circles have added more value in the current scenario, when pressures of input costs, customer demand and perceptions have increased. Problem solving through simple methods go a long way in effecting cost-effective solutions, he added.

Participation trophies and certificates were presented to all teams by the Chief Guest and Chairman (Southern Region), ACMA.

The following teams were adjudicated winners at the competition:



BLUE STREAM WINNERS

POSITION	TEAM NAME	COMPANY NAME
1 st	Lightening Storm	Delphi-TVS Diesel Systems Ltd
2 nd	Celosia	Harita Seating Systems Ltd
3 rd	Creative	Weels India Ltd

GREEN STREAM WINNERS

POSITION	TEAM NAME	COMPANY NAME
1 st	DEP-AN	Delphi-TVS Diesel Systems Ltd
2 nd	Focus	Lucas-TVS Ltd, Pondichery
3 rd	Pansy QCC	Sundaram Auto Components Ltd

MAROON STREAM WINNERS

POSITION	TEAM NAME	COMPANY NAME
1 st	Chinguru	Rane Madras Ltd, Mysore
2 nd	Superstar	Lucas-TVS Ltd, Padi
3 rd	Calendula	Harita Seating Systems Ltd

BROWN STREAM WINNERS

POSITION	TEAM NAME	COMPANY NAME
1 st	Revl Classic	Rane Engine Valve Ltd, Trichy
2 nd	Radical	Lucas-TVS Ltd, Pondichery
3 rd	Creative I Stars	Breakes India Pvt Ltd

QUALIFIED TEAMS FOR THE NATIONAL FINALS -

POSITION	TEAM NAME	COMPANY NAME
1 st	Lightening Storm	Delphi-TVS Diesel Systems Ltd.
2 nd	Revl Classic	Rane Engine Valve Ltd.
3 rd	Chiguru	Rane Madras Ltd.



The winners will compete at the National level on 5TH August 2016. Around 450 participants including the teams and delegates were part of this Annual Regional event. Participants termed the event as a good learning platform in their feedback.

BEST PRACTICES ON ENERGY CONSERVATION & ENERGY MANAGEMENT VISIT TO BOSCH LTD

Energy Management & Energy Conservation being a very important aspect for our industry, ACMA organised a programme on Energy Conservation and Energy Management on July 20, 2016 at the facilities of Bosch Ltd. Bosch hosted the event and shared its best



practices, experiences and also showcased the implementation of the same during the visit to its facilities. It is becoming necessary for all our companies to move towards Green initiatives and sustainability the Bosch Team opined.

Mr Ramesha, DGM – Facility Management, gave a brief presentation

on Bosch and its activities and then a detailed presentation on the Energy Conservation approach in Bosch. Mr Madhusudhan, Deputy Manager- Facility Management, shared the best practices followed at Bosch. Mr Lakshmi Narayan, Manager – Heat Treatment & Surface Treatment, gave an overview on the energy conservation and energy management projects at Heat Treatment shop. The visit to Heat Treatment shop was organised which was very useful in observing and understanding the implementation of these projects. Members also got an opportunity to visit the Bosch Energy Efficiency School which was interesting as it was being set-up for awareness purpose, and would be operational in August 2017.

The Bosch facilities visit also included a visit to the Power distribution area where the team explained the power infrastructure which plays an important role in energy management and conservation, details of power back-up, automation was explained in detail which the participants found useful. Delegates also visited the R & D centre and got an opportunity to understand the various green projects that they are working-on.

The feedback session was very interactive, the participants had lot of queries and appreciated the projects implemented at Bosch. Many delegates mentioned of initiating and deploying few projects in their organisation and sought the support of Bosch. The Bosch team was very enthusiastic and agreed to support all for the benefit of the environment and society.

13 participants attended this programme and found it very useful, they have requested to conduct more such programme, seminar and training programmes on this topic.

WESTERN REGION

TWO DAY WORKSHOP ON “NEW PRODUCT DEVELOPMENT & DESIGN”

ACMA Western Region organised two day workshop on New Product Development & Design on June 10-11, 2016 in Pune. The workshop was aimed for Senior Managers and Members from R&D, Product Design, Development Teams and Project managers in the Organization.



Mr. Kiran Kulkarni, Principal Consultant, Faber Infinite was the Faculty.

The workshop covered topics on Product Design Triad, Elements of Design, Principles of Design, Basic of Ergonomics, Design and Development process, Concept Generation, Technical



30 HR professionals participated and appreciated the presentations. The next meeting is scheduled to be held in September 2016.

TWO DAY WORKSHOP ON ENVIRONMENTAL MANAGEMENT SYSTEM (EMS) & OCCUPATIONAL HEALTH & SAFETY MANAGEMENT SYSTEM (OHSAS)

ACMA Western Region organized Two Day workshop on "ISO 14001:2015 Environmental Management System (EMS) & BS 18001:2007 Occupational Health and Safety Management Systems(OHSAS)" on June 20-21, 2016 at Ahmedabad.

The objective of the two day workshop was to increase awareness about Integrated Management Systems and to assist organizations in managing and controlling their external as well as internal health and safety risks.

The training was aimed for Health and Safety Managers, officers, executives, supervisors from Maintenance, Operations, HR & Administration, management representatives and legal process representatives.

The training was conducted by Mr. Himanshu Pancholi, Principal Consultant, Trainer & Auditor with GK Engineers.

Participants appreciated the training organized by ACMA Western Region. The feedback received from the participants was encouraging.

TWO DAY "INTERNAL AUDITOR TRAINING WITH ISO/TS 16949 AUTOMOTIVE EMPHASIS"

With increased emphasis on quality products, standardized practices and continuous improvement the world over, ACMA (Western Region) organized a Two Day Workshop on Internal Auditor Training with ISO/TS 16949 Automotive Emphasis on July 1 & 2, 2016 for its members and non-members in the region.



The objective of this programme, conducted by Mr. K Vishwanathan, a Mechanical Engineer having over 30 years of experience in the industry, was for participants to understand the requirements of associated standards and verify its effective implementation in organization through internal audits.

The workshop was a mix of class room sessions and exercises which helped participants implement some of the learnings during training

Development, Prototyping, Testing and Validation.

27 participants from different areas viz Design, R&D, Production, Business Development and Lead Engineer, Manufacturing and Quality attended the workshop.

15TH ACMA WESTERN REGION HR FORUM MEETING

The 15th ACMA Western Region HR Forum Meeting was held on June 17, 2016 at Sandhar Technologies Ltd., Pune. Mr Chandan Sengupta, Senior Vice President, corporate - HR, Sandhar Technologies Pvt Ltd. shared his experience and views on "Employee Goal Setting".



Mr. Sengupta mentioned that at Sandhar Technologies training is imparted on various subjects for technical and behavioral skills and conduct certification programs for TS-16949, Energy Management & ISO 15001, OHSAS and SA .



11TH ANNUAL REGIONAL QUALITY CIRCLE COMPETITION

The 11th edition of Annual Regional Quality Circle Competition, organized on July 12, 2016 in Pune, saw a record 300 delegates attending and 60 teams participating in the competition, with eminent members from OEMs judging the competition.



Welcoming the Chief Guest and the participants, Mr. Piyush Tamboli, Co-Chairman, ACMA Western Region and Chairman & Managing Director, Investment & Precision Casting Ltd. emphasized on use of new technology and solutions to remain competitive in the world. Addressing the participants at the valedictory ceremony, the Chief Guest, Mr. Devjit Sarkar, Vice President - Sourcing, Supply chain & Logistics, Mahindra & Mahindra (Truck & Bus division), emphasized on sustaining the quality when production is up.



The eminent panel of Jury included: Mr. Vivek Vedpathak , DGM - Paint Shop, Bajaj Auto Ltd. Chkan Plant, Mr. Anand Singh , Head – Paint Shop, Fiat India Automobiles Pvt. Ltd. Pune, Mr. Sandip Bhangale , AGM Manufacturing , General Motor India Pvt. Ltd., Pune, Mr. Ravindra Borawake, Senior Manager (Plant Engg. Dept.), Mahindra & Mahindra Ltd. Pune, Mr. Umesh Mundhe, Manager (Kaizen) , Tata Motors CVBU, Pune and Mr. Dinesh Joshi , AGM – QA (Complete Vehicle Analysis) , Volkswagen India Pvt. Ltd. Pune.

The Top three teams selected for National Competition were:

POSITION	TEAM NAME	COMPANY NAME
1 st	Achiever	Brose India Automotive Systems Pvt Ltd, Pune
2 nd	Sunrise	Avtec Ltd, Pithampur
3 rd	Bharari	Badve Engineering Ltd, U-II (Silencer Div.), Aurangabad

Runner-up:

POSITION	TEAM NAME	COMPANY NAME
1 st	Amaze	Alicon Castalloy Ltd, Pune
2 nd	Pragati	Minda Vast Access Systems Pvt Ltd, Pune
3 rd	Avengers	Yazaki India Pvt Ltd, Pune



In addition to above, the presentation made - by QC team Torana of Harita Seating Systems Ltd.,Pune, QC Team Jidnyassa of Delux Bearings Pvt. Ltd. Pune, QC team Mask Mission of Sandhar Technologies Ltd. , Pune and QC team MCIE of Mahindra CIE Automotive Ltd., Pune were judged the best under Facility improvement, Productivity improvement, Safety and Cost reduction respectively.

TRAINING PROGRAMME ON "ADVANCE 7 QC TOOLS FOR CONTINUOUS IMPROVEMENT"

With the objective to understand quality tools that promotes Cross Functional Team approach and systematic advancement towards problem identification, ACMA (Western Region) organised a Training Programme on "Advance 7 QC tools for Continuous Improvement" on 22nd July 2016 at Ahmedabad.



The training was aimed for production professionals, Line Leaders, Supervisors, Foreman, Superintendent, Executives, Managers and Small Entrepreneurs.

The training was conducted by Mr. Ravindra Biswas an Ex-Tata Group Company Business head with experience of over 20 years in Auto Component Manufacturing sector.

The training which was a mix of class room sessions and group exercises, saw 16 delegates participate.

TWO DAY TRAINING PROGRAMME ON MSA-MEASUREMENT SYSTEM ANALYSIS

ACMA Western Region organized two day training program on "MSA – measurement Analysis" for Mungi Engineers Pvt Ltd at their plant in Chakan Pune .

The training was aimed for shop floor executives, engineers/Managers from Tool room and quality heads & Supervisors executives from Pune, Nashik and Zaheerabad Plant.

Mr. K Vishwanathan, from World Class Manufacturing Solutions was the faculty for the training.



The topics covered during the workshop were; effects of Measurement Systems Variability, Measurement Strategy & Planning, Prevention versus Detection, Measurement system evolution techniques and using data for cost-saving among others

The training was a class room session, with coupled of exercises & case study to enhance participants understanding on the subject. The program was appreciated by participants and the feedback was encouraging.

TWO DAY WORKSHOP ON "INDUSTRIAL HYDRAULICS & PNEUMATICS BASICS"

ACMA (Western Region) organized Two Day Workshop on "Industrial Hydraulics & Pneumatics Basics" on 27th and 28th July for it's members and non-members in the region.



The workshop was aimed for Engineers, Plant Managers, Supervisors from projects, Operation & Maintenance. The objective of the workshop was:

- To understand to how Hydraulic & Pneumatics systems work.
- To discuss the various types of Hydraulic valves.
- To learn How to read Hydraulic & Pneumatics Symbols.
- To learn How to make simple Hydraulic circuit.

Mr. Harcharan Singh, Principal Technical Consultant and Industrial Trainer was the faculty.

The workshop saw 15 participants from a mix of Engineers, Production Associates, and Managers from Maintenance attend the session. Topics included: Principal of Hydraulics & Pneumatic Symbols, Principal of Hydraulics & Pneumatic Symbols, Components of Hydraulics Valves Hydraulics Accumulators, Basic Hydraulic Circuits, Maintenance of Hydraulic Systems, Hydraulic Oils, Oil Contamination control, and Trouble Shooting. The programme was appreciated by participants and the feedback was encouraging.

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Engineered Above 4070 IR



HAD series
Hot Air Dryer
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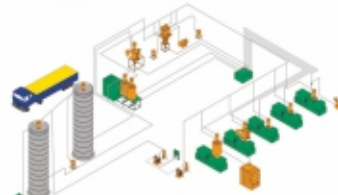
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2ND STUDY TOUR FOR BELAROUS DELEGATES

ACMA UNIDO organised the 2nd study tour for 12 Belarusian delegates from 26th and 30th July, 2016. The delegation was led by Mr. Oleg V, Master Trainer, UNIDO HQ, Vienna.

The objective of the tour was to understand the methodology adopted by ACMA counsellors while engaging with Cluster companies, observe best shop floor practices in the companies being guided by ACMA and enhance the knowledge of participants to ease implementation in Belarus.

Following three auto component manufacturers were part of the tour program:

- M/s. Abilities India Pistons & Rings Ltd.
- M/s. Neolite ZKW Lightings Pvt. Ltd.

- M/s. Rockman Industries Ltd.

All the Companies presented the "Lean Journey" as part of Cluster program. This was followed by shop visit, interaction with shop floor personnel & show casing examples of implementation of best practices.

Mr. Praveen Agrawal, Director of DHI appreciated ACMA-UNIDO team for making the program successful, which has resulted into improving profitability of companies.

The delegates appreciated the training, the methodology adopted & guidance provided by ACMA counselors. They were impressed with the improvements observed on the shop floor in the companies.

AUTORECP BOOK LAUNCH EVENT ON RESOURCE EFFICIENT CLEANER PRODUCTION (RECP) IN INDIAN AUTO COMPONENT INDUSTRY

A launch event for AutoRECP project training material was held at ACMA office, New Delhi on 12th July 2016. The training material prepared by STENUM Asia, Gurgaon includes the training guides and descriptive manuals which are prepared with case studies on different topics to help promote RECP implementation especially for the Indian automotive component manufacturing industry.

The training material was launched by Mr. Vinnie Mehta, Director General, ACMA. The participants included the senior officials from ACMA, Automotive Skills Development Council (ASDC), United Nations Industrial Development Organization (UNIDO), TERI and from automotive industries.

About AutoRECP: This project on automotive parts manufacturing MSMEs in India deals with the implementation of Resource Efficient Cleaner Production (RECP) issues at automotive component manufacturers and is supported by Department of Heavy Industry (Government of India) and The United Nations Industrial Development Organisation (UNIDO).

As part of this project, a set of training material (tool-kit) has been prepared for ACMA counsellors and for shop floor staff of employees of the auto component manufacturing industries, for deployment of the RECP approach covering topics of waste, water and energy management.

Speaking at the launch event, Mr. Mehta said that ACMA would like to replicate the success of the project to other regions for their members to benefit from RECP implementation and would also translate the training material to regional language.

खेलकूद - 1ST INDOOR GAMES COMPETITION



To create bonding among ACMA members, Northern Region HR Forum organized खेलकूद – 1st Indoor Games Competition on Saturday, June 25, 2016 in Gurugram. It is the first ever initiative taken by the Forum under the leadership of Mr. Anadi Sinha, President – Group HR, Minda Industries Ltd.

Total 68 players participated in all three games – Chess, Table Tennis and Carrom.

The details of the winners are as follows:-

CATEGORY: CHESS

POSITION	WINNER'S NAME	ORGANIZATION NAME
1 st	Mr. Vijay Narayanan	Hella India Lighting Ltd.
2 nd	Mr. Deepak Looned	Sandhar Technologies Ltd.

CATEGORY: CARROM

POSITION	WINNER'S NAME	ORGANIZATION NAME
1 st	Mr. Asish Kumar Mund	Jay Bharat Maruti Ltd.
2 nd	Mr. Vikas Sajwan	Minda Sai Ltd.



CATEGORY: CARROM

POSITION	WINNER'S NAME	ORGANIZATION NAME
1 st	Mr. Sudhir Kumar	Lumax Industries Ltd.
2 nd	Mr. Sandeep Jain	Sandhar Technologies Ltd.

Players shared excellent feedback and would like to be part of such competitions organized by ACMA.

INDUSTRY NEWS ::

RICO AUTO SURGES AS COMPANY BEGINS WORK ON BHIWADI PLANT

This factory premises are being built on a plot of 11.3 acres and will enable the company to manufacture auto components. Reacting to the development, the scrip gained 7.02 per cent to hit a high of Rs 44.95 on the BSE. 4TH KAIZEN COMPETITION

Exerpts from ET Auto

Shares of Rico Auto Industries surged 7 per cent in Tuesday's trade after the company laid the foundation of its Bhiwadi manufacturing plant.

This factory premises are being built on a plot of 11.3 acres and will enable the company to manufacture auto components. Reacting to the development, the scrip gained 7.02 per cent to hit a high of Rs 44.95 on the BSE. The stock has slipped 6.5 per cent in the year so far.

AUTO PARTS MAKER RANE GROUP PLANS RS 650-CRORE EXPANSION

Exerpts from Economic Times

This factory premises are being built on a plot of 11.3 acres and will enable the company to manufacture auto components. Reacting to the development, the scrip gained 7.02 per cent to hit a high of Rs 44.95 on the BSE. 4TH KAIZEN COMPETITION

The \$550-million auto components group, Rane, has earmarked \$100 million, or Rs 650 crore, in the next three years for new factories and global expansion in a bid to pump prime processes and culture in the family-owned business to a new global business climate.

The group engaged McKinsey for a couple of years to define its 2020 strategy and invited Vivek Chand Sehgal, the chairman of auto parts maker Motherson SumiBSE -0.76 % to give pep talk to its employees on his secret t..

NITIN GADKARI VISITS TESLA MOTORS, OFFERS TO PROMOTE JV WITH INDIAN AUTO INC FOR EVS

Gadkari said the NDA government led by Prime Minister Narendra Modi was committed to encouraging alternate pollution free transport in the country by providing incentives to bio-fuel, CNG, Ethanol and electric vehicles

Exerpts from ET Auto

Union Minister of Road Transport, Highways and Shipping Nitin Gadkari visited the Tesla factory near here on Friday and offered to promote joint ventures between the global leaders in electric car manufacturing and the Indian automobile companies with a view to introducing pollution free road transport in India, especially commercial and public motor vehicles.

Gadkari said the NDA government led by Prime Minister Narendra

Modi was committed to encouraging alternate pollution free transport in the country by providing incentives to bio-fuel, CNG, Ethanol and electric vehicles.

He proposed to the Tesla senior executives to make India their Asia manufacturing hub and offered land near major Indian ports to facilitate export of their vehicles to South and South East Asian countries.

Senior executives at Tesla admitted that their manufacturing hub has to be outside the United States to tap markets in the rest of the world and appreciated the Indian offer of cooperation, which they said will certainly be considered at the appropriate time in the future. They said India will definitely be a market for their next generation low cost sustainable model-3



Replying to specific queries from Gadkari regarding manufacturing of electric trucks, buses and two wheelers, the Tesla team said they have future plans for trucks and pick up vans, but not for buses and two wheelers. They evinced keen interest in knowing whether there was any subsidy on electric vehicles in India. Gadkari asked Tesla executives to outline their proposals for entry into the Indian market. Gadkari was informed that 400,000 advance bookings have been done for Tesla's model X. There were some bookings from India as well, but they refused to disclose the number.

Gadkari apprised Tesla executives of the progress Indian automobile manufacturers have made in the field of electric vehicles and exuded confidence that very soon the Indian market will become very competitive in this sector.

The minister and accompanying senior officials took a round of the sprawling Tesla manufacturing units and saw the cutting edge robotic auto assembly plant.

Gadkari inquired about the battery packs that can store energy from the power grid and from solar panels.

He was told that Prime Minister Narendra Modi, during his visit to Tesla, too was keen to know how batteries and solar panels could be the future of electricity generation for India, particularly in rural

areas. Gadkari was told that Tesla was inviting suggestions for locations in India for demonstrations.

CABINET DROPS 1% MANUFACTURING TAX FROM GST BILL

It also provided guarantee to compensate states for any revenue loss in the first five years of rollout of the proposed indirect tax regime.

Exerpts from ET Auto

The Cabinet on Wednesday cleared changes in the GST Constitutional Amendment Bill, dropping 1 per cent manufacturing tax and providing guarantee to compensate states for any revenue loss in the first five years of rollout of the proposed indirect tax regime.

The Cabinet, headed by Prime Minister Narendra Modi, decided to include in the Constitutional Amendment Bill that any dispute between states and the Centre will be adjudicated by the GST Council, which will have representation from both the Centre and states.

With states on board and the Cabinet approving the amendments, the government is hopeful of passage of the long-pending Goods and Services Tax (GST) Bill in the ongoing monsoon session of Parliament, which ends on August 12.

The GST Bill, with the changes approved by the Cabinet, could come up in the Rajya Sabha as early as this week, but certainly by next week.

The changes approved by the Cabinet are to the Constitutional Amendment Bill that was approved by the Lok Sabha in August last year. Once the Rajya Sabha approves the legislation, the amended Bill will have to go back to the Lok Sabha again for approval.

"The amendments to the GST Constitutional Amendment Bill have been cleared," a top official said after the meeting of the Union Cabinet chaired by Modi.

The amendments were taken up by the Cabinet after Finance



Minister Arun Jaitley's assurance to state finance ministers to include in the Bill the mechanism of compensating states for all the loss of

revenue for five years.

The Bill, in its present form, provides that the Centre will give 100 per cent compensation to states for first three years, 75 per cent and 50 per cent for the next two years.

However, the Select Committee of the Rajya Sabha had in its report recommended 100 per cent compensation for probable loss of revenue for five years.

As per the amendments, the Centre will now constitutionally guarantee states any loss of revenue from the GST subsuming all indirect taxes, including VAT, in the first five years of introduction.

By doing away with the 1 per cent inter-state tax over and above the GST rate, the government has met one of the three key demands over which Opposition Congress has been blocking the Bill in the Upper House.

The other demands of including GST rate in the statute and a Supreme Court judge-headed dispute resolution body has not been accepted. It remains to be seen if meeting of its demands halfway will persuade the Congress to support the legislation.

There is a talk of mentioning the GST rate in one of the two supporting legislations that need to be passed after the Constitution is amended, a move that may pacify the Congress.

PES MAY BUY 25 PER CENT IN MAHINDRA SONA FOR UP TO RS 150 CRORE

Exerpts from Economic Times

A group of investors including IL&FS is selling an aggregate 25% stake in auto-parts maker Mahindra Sona to private equity investors for Rs 130-150 crore, three people aware of the development said.

Mumbai-based Mahindra Sona is a joint venture between Mahindra & Mahindra and Sona Group in which IL&FS owns 5.25%, Khattar Holdings owns 13%, Sona Group owns 37% and Mahindra owns about 30%. The rest is held by other investors.

The persons cited earlier said PE investors Renuka Ramnath's Multiples Alternatives, ChrysCap and Barings Private Equity Partners India are in talks with these investors to purchase the stake. Investment bank ICICI Securities has been appointed to look for a buyer, they said.

"All the other investors led by IL&FS are exiting Mahindra Sona. The 25% stake will be sold to a private equity investor," an executive, who did not wish to be named, told ET. Mahindra Sona's managing director Gaurav Motwane said, "We do not comment on speculation."

A spokesperson for Barings Private Equity Partners in an emailed response said, "Baring India is positive on the automotive space and looking at various opportunities but cannot comment on specific transactions as of now." ET's email query to ChrysCap and Multiples remained unanswered till the time of going to press.

According to people close to the development, some minor shareholders of Mahindra Sona are looking to exit their investment through a secondary deal. Mahindra and Sona Group will continue to hold their equity.

MEMBERS ROOM ::

NORTHERN REGION
Ordinary Membership

Caparo Engineering India Ltd.
Plot no. 7, Maruti JV Complex
Near Udyog Vihar-IV Gurgaon, Haryana

SSI/Large & Medium/Etc.: Medium
Products Manufactured: Fasteners, under
body parts, module, suspension & safety
tube & tubular products, steel tech, tooling,
front end assemblies, suspension system,
chassis assembly, door assembly
Certification to ISO 9000 & QS 9000: NA

Vaish Industries
Y-50, Okhla Industrial Area
Phase - 2, New Delhi - 11020

SSI/Large & Medium/Etc.: SSI
Products Manufactured: Sheet Metal
Components
Certification to ISO 9000 & QS 9000:ISO
9001 by Msyscer

Gould Automotive
70, Sainik Vihar
Pitampura
New Delhi - 110034

Year of Commencement of Business
Related to Automotive Industry: 1986
Product / Services: Piston Rings, Pistons,
Cylinder liners

WESTERN REGION
Ordinary Membership

Ziel International
Plot No. 120, Sector 12, Vashi,
Navi Mumbai 400703

SSI/Large & Medium/Etc.: Medium
Products Manufactured: Spring bushes,
kinpin bushes, pins, suspension parts,
turned parts, brake bushes, brake pins,
bushes for tractors
Certification to ISO 9000 & QS 9000: ISO
9001:2000 by JAZ-ANZ

EI Elastomer Technik India Pvt. Ltd.
B-183/184, GIDC Ele tronic Estate
Sector -25, Gandhinagar- 382024

SSI/Large & Medium/Etc.: Medium
Products Manufactured: Breathing bags,
precision O-rings, gaskets, seals, decoupling
rings, radial seals, bend reliefs, customized
mould parts
Certification to ISO 9000 & QS 9000: Nil

Global Liners
C/O. Siroya Eng. Works
Mavdi Plot and Street No. 2
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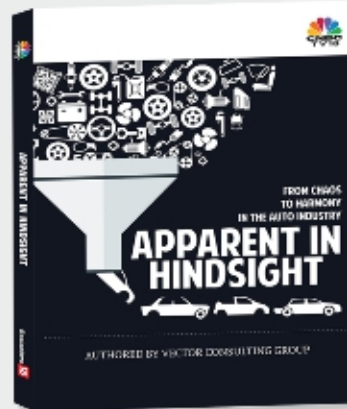
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