

**ACMA**

Automotive Component Manufacturers Association of India

Dec-Jan 2018

# AUTONEWS

Vol 10 No 70



**ACMA MSIL  
TECHNOLOGY  
SHOW 2018**



**3rd ACT SUMMIT &  
ACMA AWARDS**



**ACMA AFTERMARKET  
EXPO - NORTH EAST**



FIND US ON



ACMA India

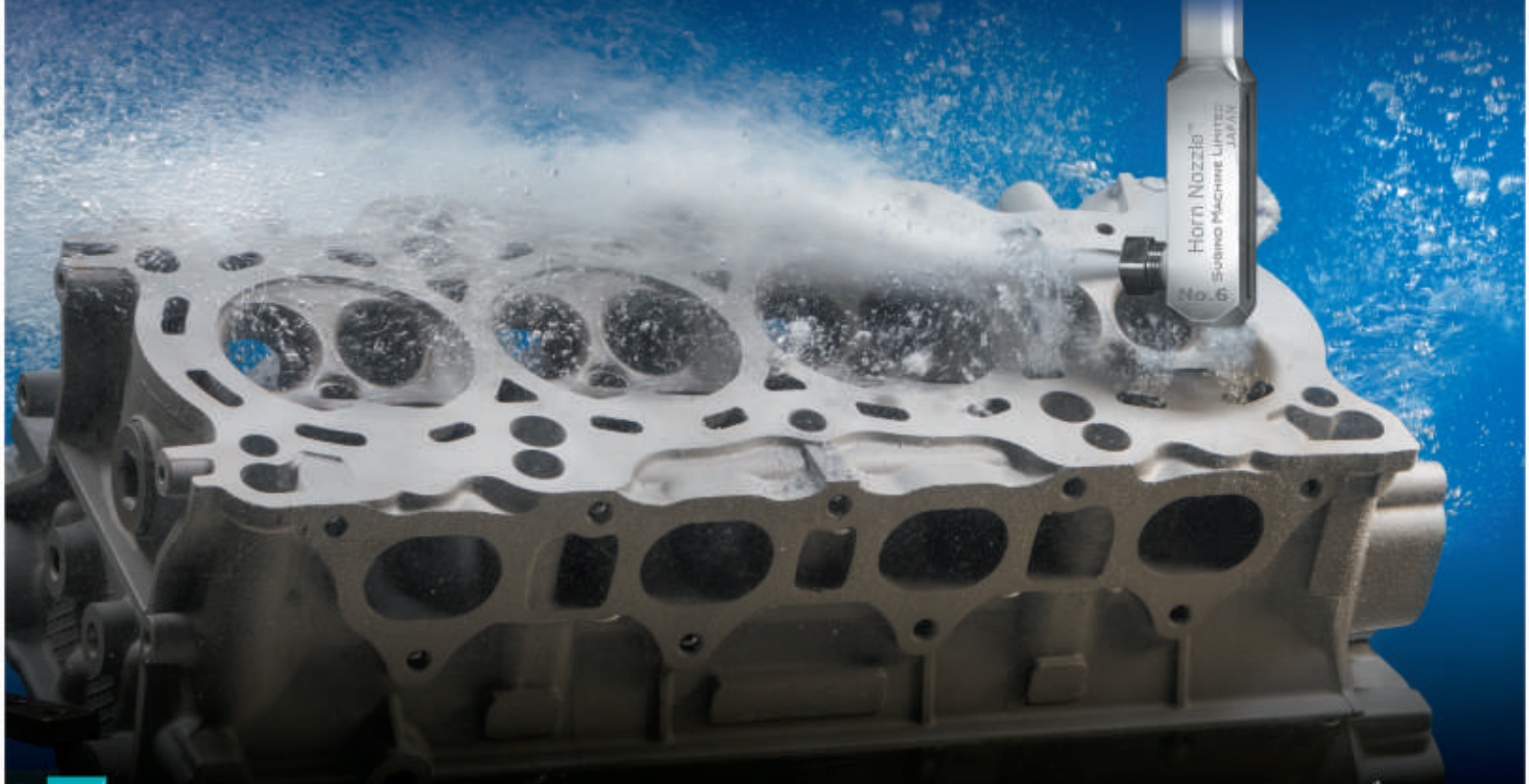
facebook.com/  
india.acma

@ACMAIndia

SUGINO

# CLEAN ALL CUTTING CHIPS OFF BY WATERJET

The reason world automotive manufacturers chooses



 **JCC™ 503 Robo**  
CNC Robotic Hand Type Washing Machine  
with High Efficiency

**New Generation of Combined Washing Feature**

A fusion of "Submergence cavitation washing 7MPa" and  
"50MPa High pressure deburring".

**Pinpoint Washing for Massive Result**

High power and precise washing by submergence impact force.

**Modular Concept**

Available for automation with CNC high speed robot hand.



◀ For more info of JCC 503 Robo



Sugino Machine India Private Limited  
Sugino Machine Singapore PTE LTD

TEL : +91-124-483-1900  
TEL : +65-6458-9544

E-mail : contact@sugino.co.in  
E-mail : sales@sugino-singapore.com.sg

**SUGINO MACHINE LIMITED**  
www.sugino.com



---

## Vinnie Mehta

Director General, ACMA  
dg@acma.in

---

## EDITOR'S NOTE

---

The last two months have been extremely eventful with the culmination of 2nd ACMA Aftermarket Expo in North East and 3rd ACT Summit which witnessed the hosting of ACMA Awards. Both these events were a huge hit. At the 2nd ACMA Aftermarket Expo North East, over 50 quality auto component manufacturers showcased their products and capabilities to 1,500 dealers, distributors and retailers who came from across the seven North Eastern Indian States. The aim is to essentially build a regional auto parts distribution hub in the area to promote the reach of genuine auto components as also skill the local youth in repair and maintenance of vehicles.

The 3rd ACT Summit went the extra mile of hosting the ACMA Awards. ACMA Awards, the most coveted recognition of the Auto Component Industry were given to 57 companies appreciating their contribution in 13 disciplines. The ACT Summit themed 'Digitizing Auto Component Industry in India-Creating Smart Factories' brought together national and international experts in the field of Industry 4.0 who deliberated and presented case studies on the advantages of automation and digitalisation. The event also hosted incisive sessions, addressed by industry luminaries that focused on improving quality and drive towards smart manufacturing, keeping in mind the concern for environment and sustainability. In addition to this, an exhibition on innovations, coinciding with the Summit showcased what lies beyond automation for the automotive industry.

Hope you enjoy reading the full coverage of the ACMA activities.

**ACMA** AUTONEWS

# Contents



VIEWS



INTERNATIONAL  
EVENTS



NATIONAL  
COMMITTEES



FROM THE  
REGIONS



YBLF



ACT



MEMBER'S ROOM

---

NO 70 / DECEMBER - JANUARY, 2018

**ACMA** AUTONEWS

Editor: Vinnie Mehta, Director General, ACMA |  
Associate Editor: Harkaran Malhotra, Dy Director, ACMA

Editorial Delhi Office:  
Automotive Component Manufacturers Association of India,  
The Capital Court, 6<sup>th</sup> Floor, Olof Palme Marg, Munirka,  
New Delhi - 110 067

For Advertisement enquiries, contact Harkaran Malhotra,  
harkaran.malhotra@acma.in | 9873784038

Editorial Content:

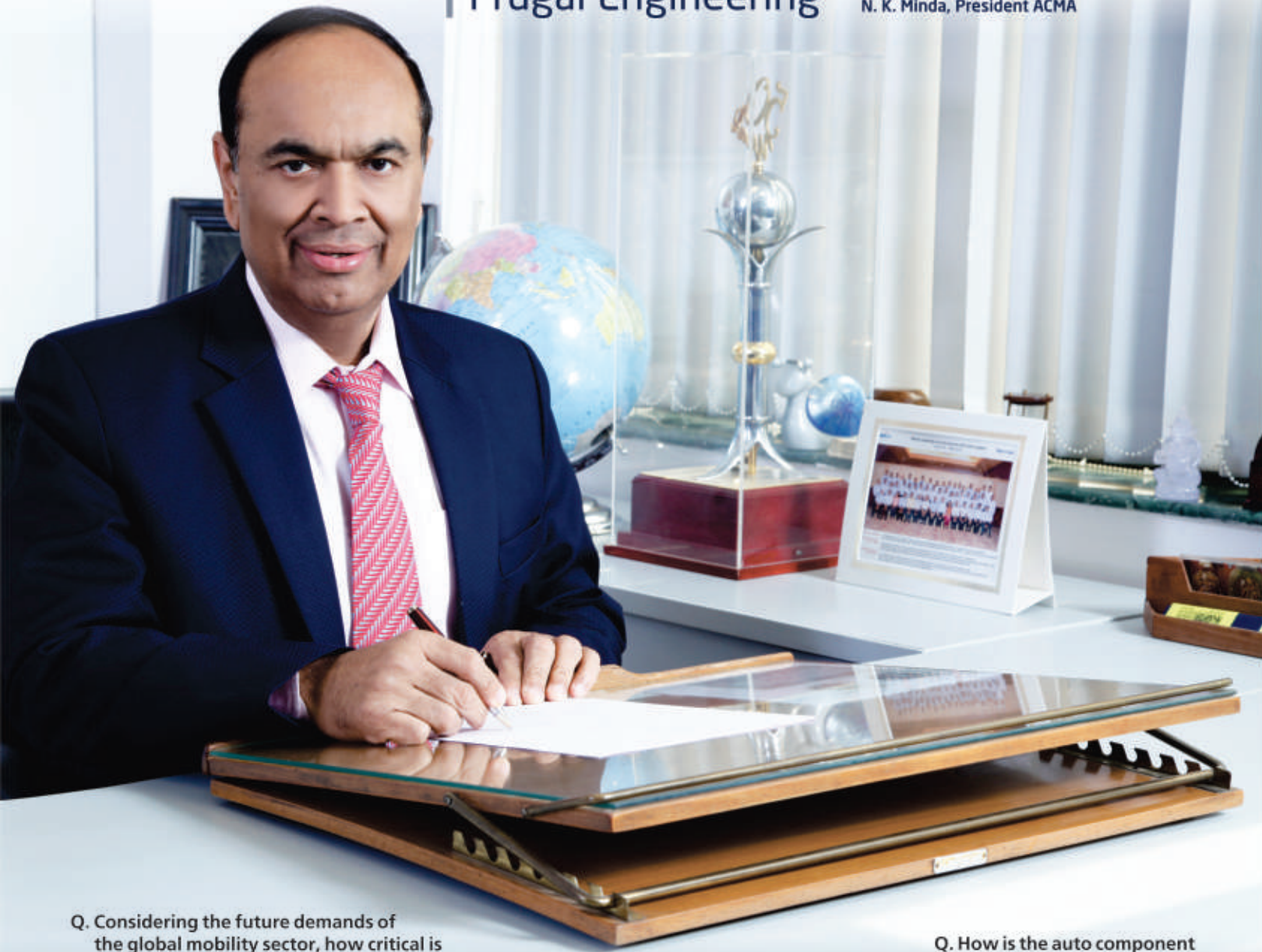
The Publisher makes every effort to ensure that the contents in the magazine are correct. However, he can accept no responsibility for any effects from errors or omissions. Any unauthorised reproduction of Auto News content is strictly forbidden.

Design & Production: Ashes Design Studio, New Delhi |  
ashesdesignstudio@gmail.com | 9999114295



# Need to Develop Capabilities for In-house Design and Harness Frugal Engineering

N. K. Minda, President ACMA



**Q. Considering the future demands of the global mobility sector, how critical is it for the Indian suppliers to build capabilities in technology and innovation?**

A. Innovation has become even more important in the recent times considering the Indian automotive market is undergoing a sea change with new challenges disrupting the automotive sector. A rapidly changing powertrain technology landscape, stricter regulations, shifting customer preferences, increasing demand for connectivity and digitization have become important factors for shaping the future of mobility.

It is imperative for us, as an industry body; to acknowledge these changes in the landscape and facilitate transformation of individual companies to best leverage the new market trends. To stay relevant, the industry will have to acquire and develop technologies, needed by the customer, at a much faster pace; skilling innovation and technology will be the key to success.

**Q. How is the auto component industry gearing up to meet BS VI emission norms by 2020?**

A. Each player in the component sector has to be ready to meet the deadline; or else the OEMs will be constrained to import (BS-VI) technologies. Therefore, in order to remain relevant they have to brace up for the change in a short span of time, there is no alternative. Secondly, it is a very big challenge because we are not only skipping a generation of technology (BS-V) but also squeezing the timelines rather radically. 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. 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'. We have less than three left for BS-VI implementation, the industry has to take it upon a war footing, there can be no

room for complacency.

### 3. How do you view the opportunities for the component sector with regards to electro-mobility?

A. ACMA appreciates the drive of the Government to promote electric mobility in the country. The opportunities around electric vehicles and associated technologies are immense and however the industry needs to be prepared to harness them. It is critical that the government encourages localisation through supportive policies (land, financing, capability development, R&D tax benefit etc.) and through allocation of significant funding towards indigenous R&D for creation of standard battery, motors and other components of powertrain ensuring creation of local IP. A clear road map and definite timeline by the government is necessary for automotive components industry to help individual auto players to create their distinct roadmap and allow the component sector to create capacities and indigenous solutions accordingly.

We at ACMA believe that there should be coexistence of multiple technologies for xEVs, as is the case in other countries be it Europe or Japan or the US or even China, this is as the battery technology is still evolving and eventually market forces will decide the best fit; the technological progression need not be disruptive but evolutionary to allow for the local industry to graduate.

### 4. What are the key challenges facing the component industry in India today?

India is at a critical juncture in its infrastructure, energy, and mobility development. The key challenges that lie in the face of the component industry in India are - a slew of new regulations on the front of safety, emissions and environment, transitioning to BS VI in next 3 years, and surviving the electric vehicle challenge. The component industry will witness a major disruption unless we

prepare ourselves well to brace these changes.

### 5. Please share with us the recent measures ACMA has adopted to address the counterfeiting of auto components.

A. Tackling counterfeits and substandard products is the single biggest challenge facing the aftermarket today; as a part of ACMA's latest initiative 'ACMA Safer Drives' we intended to sensitise the public on the need for abiding road safety rules and usage of genuine auto parts; a special pavilion is being created in Pragati Maidan. That apart, ACMA Safer Drives has been extremely popular within the Auto community and our campaign website has received over 3,000 pledges from the community to abide by road safety norms and usage of genuine spare parts. This drive is a part of our efforts towards eliminating the use of counterfeit and sub-standard parts which directly or indirectly lead to road accidents.

One of the key reasons for a thriving counterfeit business in India is the lack of mandated safety standards for aftermarket products, due to which sale and import of counterfeit products cannot be checked.



INTERNATIONAL  
EVENTSACMA Tech Expo Beiqi  
Foton Motor and Ford-China

China, today is one of the largest automotive markets in the world contributing a total of 30% of global volume. In 2016, the Chinese vehicle industry registered an astounding double digit growth both in passenger car and commercial vehicle segment, producing 28 million vehicles. While China's auto component market is estimated to be more than USD 350 billion of which it imported a total of USD 68 billion worth of auto components.

Moreover, China is expanding its footprints into new economies to increase its market share. Many Chinese OEMs have announced their investments in India. In 2016-17 China invested USD 278 million through FDI out of which 60% was in the automobile sector. Some of the Chinese OEMs such as Beiqi Foton and SAIC have started their operations in India while others like Great Wall Motors, Changan Motors, BYD, Wanfeng Auto, Kingfa, Lesso — are seriously considering to invest in India.

With China's growing auto industry, it presents a huge upside opportunity for Indian auto component suppliers. With this background, ACMA organized an exclusive Tech Expo with two major Chinese OEMs i.e Beiqi Foton Motor and Ford-China from 4th to 8th December 2017 in their premises in Beijing and Nanjing respectively. The objective of the Tech expos was to showcase their capabilities & knowhow of their product to OEMs. The Target

audience were from various multi-disciplinary department such as of R&D, Engineering, Marketing and Procurement/Purchase.

Based on the OEMs product selection, 16 auto component manufacturers displayed their products.

#### Tech Expo at Beiqi Foton, Beijing-

Tech Expo started with inauguration ceremony where Mr. Amit Narang, Deputy Chief of Mission from Indian Embassy addressed the Indian participants and appreciate ACMA's effort to help industry to provide such a unique opportunity to directly interact with OEMs. Mr. Vinnie Mehta, Director General made a presentation emphasizing the competitiveness of Indian automotive industry and its suppliers. From Foton Mr Song Yang, VP of Government affairs in Foton India Operation also made the presentation and share their global plan to the audience. Mr. Chang Rui, President, Foton International welcomed the Indian companies.

#### Tech Expo at Ford Ford Asia Pacific-Nanjing:

Ms. Linda Cai, Purchasing Director (Body Interior) shared Ford Asia Pacific strategy and growing concerns in ASEAN market. She also shared key expectation from the participating companies. Mr. Vinnie Mehta, Director General and Representative from Consulate General of India, Shanghai Mr. Naveen Kumar, Consul (Commercial) & Head





# NATIONAL COMMITTEES

## National Committees

Guwahati and supported by Guwahati Motor Parts Traders Association (GMTA), ACMA's MoU partner for facilitating business development in North Eastern India and the Federation of All India Automobile Spare Part Dealers' Association (FAIASPDA).

The show was inaugurated by the Chief Guest, Mr Ravi Kapoor, Add. Secretary, Industries and Commerce, Mines & Minerals, IT, Public Enterprises ACT East Policy Affairs Departments, Government of Assam. To develop the region into an auto manufacturing hub, "we should utilise the location of North East region as a base for manufacturing as it connects the ASEAN countries, bringing huge trade benefits" said, Kapoor.

Speaking on the occasion, **Mr Vinnie Mehta, Director General, ACMA said**, "We are delighted to bring you the 2nd edition of ACMA Aftermarket Expo – North East. This year, over 50 quality auto component manufacturers showcased their products and capabilities while more than 1,500 dealers, distributors and retailers from across the seven North Eastern Indian States participated in the

## 2<sup>nd</sup> EDITION OF AFTERMARKET EXPO-NORTH EAST IN GUWAHATI

### CONSUMER AFFAIRS COMMITTEE



The Automotive Component Manufacturers Association of India (ACMA), the apex body representing the interest of the Indian auto component manufacturers organised the 2nd edition of ACMA Aftermarket Expo - North East in Guwahati which was held from 16th and 17th December, 2017. The Expo returned to the city in view of huge potential of spare-parts business and services in the region as also a highly successful first edition of the Expo. The event was organised under the aegis of Ministry of Heavy Industries & Public Enterprises, Government of India at Maniram Dewan Trade Centre,

Expo. The aim was to build a regional auto parts distribution hub in the area to promote the reach of genuine auto components as also skill the local youth in repair and maintenance of vehicles."

An estimated 155 automobile dealers, 2,000 auto component retailers and 1,800 repair workshops/garages are concentrated in the North-East region in cities such as Guwahati, Jorhat, Silchar, Tinsukhia, Tezpur, Shillong, Dimapur, Kohima, Imphal, Aizawl, Itanagar, Agartala and Gangtok.

# BEYOND LIMITS

ASSURANCE  
BUSINESS ADVISORY  
TAX ADVISORY  
GOVERNANCE RISK &  
INTERNAL CONTROLS  
CORPORATE FINANCE  
FORENSICS SERVICES  
GOVERNMENT ADVISORY  
HUMAN RIGHTS REPORTING  
FINANCIAL ADVISORY SERVICES

Mazars in India is part of the Mazars International Partnership, an integrated and independent organisation that relies on the skills of over 18,000 professionals in 79 countries.

With more than 700 professionals and a deep understanding of your business strategy, Mazars in India provides insightful tax, advisory and accounting solutions to help you grow and edge out your competition.

As a trusted partner to leading international organizations such as Fortune 500 companies, owner-managed businesses and individuals, we help you future-proof your business by streamlining operations, building a resilient financial foundation, and identifying risks.

photos © iStock

The North East part of India has heavy dependence on roads, which is the primary mode of transportation for passengers and goods, as the connectivity through railways is poor. Moreover, the wear and tear of vehicles due to hilly terrain, heavy rainfall and poor roads in the remote areas leads to a faster replacement-cycle of components. There is a huge demand for aftermarket products such as brake and clutch parts, pistons, valves, oil seals, tyres, shock absorbers, leaf springs, wiper arm blades, among others. Considering this huge upside opportunity, the Expo served as a perfect platform for both manufacturers as well as sellers/dealers/workshop owners to interact and explore synergies.

Currently, India's North-East region, has more than 1 million vehicles, accounting for 2% of the total registered vehicles in the country.

Two-wheelers account for 50%, cars for 16% and trucks for 14% of total vehicles registered in the North-East. The annual regional demand for auto components is estimated at Rs. 2,000 crores. That apart, with the increased focus on infrastructure development, the North East will soon emerge as India's gateway to South-East Asia.



## 2<sup>nd</sup> NATIONAL KAIZEN COMPETITION FOR MSMEs

### MSME COMMITTEE

ACMA MSME Committee organized the 2nd National Kaizen Competition for MSMEs on 20th December, 2017 at New Delhi. The competition was specially organised to motivate the MSMEs companies whose turnover was less than 120 crores. Welcoming the participants Mr. J. S. Rangar, Chairman, ACMA - MSME Committee, said that Kaizen or continuous incremental improvements is actually a way of life, assuming that every aspect of our life deserves to be constantly improved. Its foundation is based on three key factors viz. - elimination of waste (muda), inefficiency & 5-S.

Mr. Sanjay Jain, Asst. General Manager from Maruti Suzuki India Ltd. and Mr. Nitin Sharma, Dy. General Manager (Purchase) from Honda Motorcycle we jury for the competition.

Chief Guest, Mr. J. C. Tewari, Dy. General Manager – Tier 2 Program, Maruti Suzuki India Ltd., at the competition said that the growth in automotive market is immense and Maruti is driving that growth. MSMEs companies play a very pivotal role in this growth. He said that Maruti & Tier 1 companies are heavily dependent on MSMEs and therefore this sector requires special attention.

Addressing the participants at the valedictory Session, Mr. J S Rangar gave an overview of the competition. There were total nine winners in three categories i.e., Quality, Cost & Productivity.

### Cost

Trophy	Company
Gold	Sellowrap Industries Pvt. Ltd.
Silver	New Swan Enterprises
Bronze	Standard Radiators Pvt. Ltd.



### Quality

Trophy	Company
Gold	Takshi Auto Components Pvt. Ltd.
Silver	Horizon Industrial Products Pvt. Ltd.
Bronze	Abilities India Pistons & Rings Ltd.

### Productivity

Trophy	Company
Gold	Minda Silca Engg. Pvt. Ltd.
Silver	AutoStart (India) Pvt. Ltd.
Bronze	Stork Rubber Products Pvt. Ltd.

Thanking the Chief Guest & all the Jury members, Mr. Saurabh Poddar, Co - Chairman, ACMA - MSME Committee complimented the suggestions given by the jury and encouraged the participants to take the feedbacks positively.

29 Kaizens were presented in the competition which was attended by 65 participants.



# FROM THE REGIONS

## EASTERN REGION

### WORKSHOP ON TEAM BUILDING

ACMA (ER) organised a one day workshop on Team Building on December 1, 2017. The objective of the workshop was to bring an overall development of the team members and in turn improve the team's performance, reduce or eliminate lack of communication between team players involved in the same project, strengthen the bond amongst the team members and motivate them to work hard and achieve the targets within the given time frame and encourage the team members to realize their dreams by working hard.

The faculty for the workshop was Professor Manish Singhal, currently working as professor of organizational behaviour at XLRI Jamshedpur.

The workshop was attended and appreciated by all 35 delegates.

A similar program was organized on January 4, 2018. The faculty for the workshop was Mr. S.T. Jamal, an HR consultant, who explained the benefits of Flexible workforce, Empowerment, Continuous improvement at every level, Higher Job satisfaction and Utilisation of human potential.

The workshop was a good mix of teaching, group activities, use of audio-visual aids and was attended by twenty seven delegates. The feedback received was very good and encouraging.



## NORTHERN REGION

### CLOSING OF WORKSHOP ON BREAKTHROUGH INNOVATIONS COURSE

The 1st batch of Breakthrough Innovations Course Program, which was launched on 7th July 2017, reached its concluding Module VI on 9th January, 2018. The faculty validated the potency of the projects undertaken by the participants from 7th July 2017 to 9th January, 2018.

After six months training, the 28 participants from 11 NR Membership companies completed 13 projects that amounted to a savings of INR. 30 Millions.



Mr. V.K. Sharma-Deputy Head Cluster Programs – ACT was the faculty for the training. The participants were urged to have an in-depth discussion on Innovation, its necessity to stay ahead in markets, its benefits in problem solving, as also to guide more people within their companies and establish out of the box thinking in each company, which would ensure a future of quality.

Addressing the Final session of Breakthrough, Mr. Dinesh Vedpathak, Head, ACT division, congratulated the participants and urged participants to utilize their learnings in shop floors by using the data for finding the variance in different processes.

### TRAINING PROGRAM ON PRODUCTIVITY IMPROVEMENT THROUGH WORK ETHICS

ACMA Northern Region organised a training program for its members of Delhi NCR zone on Productivity Improvement through Work Ethics on December 8, 2017.



Productivity improvement can be achieved by eliminating or repairing ineffective process, simplifying the method, optimizing the system, reducing variation, maximizing turnout of quality or responsiveness and reducing set-up time. Productivity improvement is the continuous improvement process of any types of activities.

Work ethics, attitudes and values affect the performance of every organization. This is because the human resource is the most important resource in every organization. The performance of every organization is tied to the performance of every member of staff. Values are the foundation upon which individual ethics and attitudes are built.

Mr. Ranjan Vasishtha, ex-DGM, Maruti Suzuki India was the faculty for the training program. The program covered the topics; Definition of Work Ethics, Difference between Production and Productivity, Relation between Work ethics and Productivity, Theory X and Theory Y for Motivation, Maslow's Need Hierarchy Theory, Proven Strategies for improving Employee Productivity, Ways to boost work place productivity by creating a Positive Culture and Understand Skills to build up Strong Work Ethics.

### ONE DAY TRAINING PROGRAM ON PFMEA (PROCESS FAILURE MODE EFFECT ANALYSIS)

ACMA Northern Region organised a training program for its members of Uttarakhand zone, on Process Failure Mode Effect Analysis (PFMEA) at Pantnagar on December 15, 2017.



The objective of the program was to identify early in the product or process design all manner of failures so they can be eliminated or their impact reduced through, to Identify Failure Modes in Processes and Design and organize, plan and run an FMEA project.

Mr. Manish Kumar Mathuria, was the faculty for the training program who covered the topics on types of FMEA (DFMEA and PFMEA), need for PFMEA, time of using PFMEA, etc.

### TRAINING PROGRAM ON PRINCIPLES OF COSTING AND COST REDUCTION TECHNIQUES

ACMA Northern Region organised a training program for its members of Delhi NCR zone on Principles of Costing and Cost Reduction Techniques on December 15, 2017. The process of monitoring and regulating the expenditure of funds is known as Cost Control, implying regulation/control of the operating costs in a business firm.



Cost Control focuses on decreasing the total cost and is completed when a specific target is achieved. Cost control is a preventive action as it ascertains the cost before its occurrence.

The objective of the program was to understand and work on how to drive the organization and its members towards achieving cost and profit competitiveness, identify managerial effectiveness and efficiencies eliminating thereby the gaps and inadequacies and identify constraints & limiting factors to be compatible with achievable products cost targets set by customer.

Mr. M K Singhal, a Chartered Accountant was the faculty for the training program.

The faculty, trained the participants on processes framework from which a company could begin to define their Cost Control and Cost Reduction needs. He also shared many Case Study presentations to enable the participants understand the framework and ably guided the participants during the question answer sessions.

## OPEN HOUSE PROGRAM ON CYCLE TIME AND COST REDUCTION THROUGH PROCESS PARAMETER OPTIMIZATION USING VARIABLE SEARCH METHODOLOGY

ACMA Northern Region organised a training program for its members of Delhi NCR zone on Cycle Time and Cost Reduction through Process Parameter Optimization using Variable Search Methodology on 16th – 17th January 2018.



ACMA's Training on Cycle Time and Cost Reduction through Process Parameter Optimization using Variable Search Methodology aimed at all officials from the manufacturing units towards working together to minimize the waste and increase the profit for maintenance of the quality.

### The objective of this program was:

1. Impart the skill in optimizing process parameters to reduce cycle time and cost without affecting the Product Quality parameters management and responsibility accounting such as cost centre, revenue centre and Profit centre.
2. Creating an internal team of Problem design experts
3. Designing processes using scientific methodology rather than using judgment and conducting random trials
4. Productivity improvement/Cost reduction improvement by doing one project in the organization

The program was conducted by Mr. Ram Narayan a Six Sigma Master Black Belt.

The faculty, trained the participants on processes framework from which a company could begin to define their Cost Control and Cost Reduction needs. He also shared many case study presentations to enable the participants understand the framework and ably guide the participants during the question answer sessions.

## IN – HOUSE TRAINING PROGRAM ON “RED BIN ANALYSIS”

ACMA Northern Region organized one day training program on “Red Bin Analysis” on January 19, 2018 at ACMA New Delhi office.



Red bins' are red containers in front of every production line in which operators can put defective parts. On a regular basis, at a given hour, the team gathers around the 'Red Bin', to analyze defects and suggest quality improvements. The objective of the program was to understand the importance of Red Bin, to be more specific and reduce waste, gain knowledge of correct use of Red Bin Analysis, formulate an effective overall plan to reduce or eliminate waste; Reduce process and build a better team.

The faculty for the training was Mr. Sanjay Mudgal, who covered the following topics:-

**Importance of Quality:** Customer demand for Quality product, Understanding different levels of quality, Understanding responsibility and team work, Zero defect- the need of the hour, Inspection and Poka Yoke; Approach towards Zero Defect: Data Collection, Identification and time bound actions, Exercises, Importance of Standardization, First Time Right; Benefits to the organization will include: Better Team Building, Analytical approach; Focus of the Workshop: Understand the need and creating a sight for efficient use of resources at all times, Seeking best practices for zero defect, Reduction in losses due to poor quality, Team building and Brainstorming, Developing confidence at associate level

The faculty further discussed on various methods of managing various problems related with Red Bin Analysis.



## ACMA – MSIL TECHNOLOGY SHOW 2018

ACMA with the support of Maruti Suzuki India Ltd. organized the first ever Technology Show on 22nd & 23rd January 2018 at their premises at MSIL, Gurugram. A total of 36 companies participated to showcase their products to MSIL in order to explore the opportunity as a supplier.

The Technology Show in Maruti was inaugurated on both the days by Mr. K Ayukawa, Managing Director and Mr. Sunil Kakkar, EVP – Supply Chain Maruti Suzuki India Ltd.

At the occasion, Mr. Ayukawa, MD, Maruti Suzuki India Ltd. mentioned that new technology should be affordable and accessible to the customers. He opined that the support of the supplier community would be necessary, for bringing the electric vehicles to the Indian market by the year 2020, as targeted by MSIL. He lauded that the Tech Show of this sort was really of great importance at such a time when MSIL targeted to achieve 2 million cars, as also that MSIL was seriously exploring New Technology, New Venture and New vendors in order to achieve this target.

Mr. Sunil Kakkar – EVP Supply Chain, MSIL informed that the need of the hour was to bring-in New solutions to the changing emission safety norms; explore innovative ideas and technologies to understand the customer need better. He congratulated ACMA's efforts in all fields, especially in maintaining government ties for component policies.

The Senior management of MSIL also expressed their wish to have another such show with ACMA Members in the coming months focussing on EV suppliers & Toolings.

The exhibitors received encouraging response from the various departments of Maruti as the footfall touched over 600 MSIL employees from different departments visiting the show (both the days-together) which was an encouraging number to organize such a show again.

The overall event was very encouraging as better projection of the growing capabilities of the Indian Auto Component Industry was displayed at the Technology Show.





# AUTOMOTIVE PRODUCT PORTFOLIO

BAJAJ CARPET INDUSTRIES  
LIMITED  
SINCE-1985



HITKARI HITECH FIBRES  
PVT LTD.  
SINCE - 1988

[www.BajajCarpet.com](http://www.BajajCarpet.com)

[www.HitkariHitechFibres.com](http://www.HitkariHitechFibres.com)

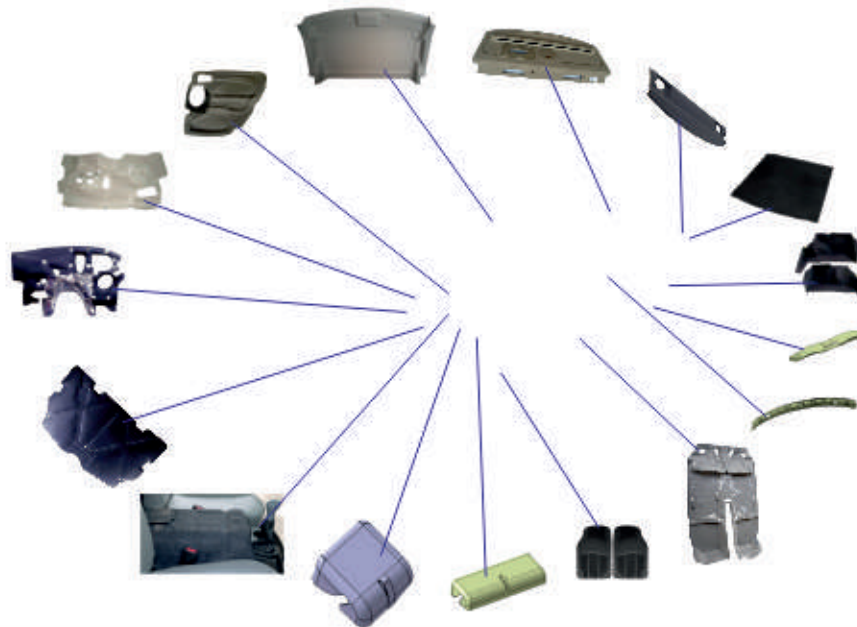
**Leading Carpet and Insulation Manufacturer for  
Automotive, Commercial and Off High Way Vehicles**

## NVH & Thermal

- Silencer Dash Pannel
- Outer Dash
- Carpet Under Lays
- Under Tunnel Insulation
- Fender Insulation
- Insulation Hood
- Engine Side Insulation
- Battery Cover

## Compact Carpet & Allied Products

- Floor Carpet
- Side Trim
- Luggage Component
- Door Trim
- Gear Cover
- Medical Kit
- Tool Kit
- Spare Wheel Cover
- Rear Floor



## Automotive Fabric

Seat Back Fabric

Roof Liner Fabric

Parcel Shelf Fabric

**Email: [contact@bajajcarpet.com](mailto:contact@bajajcarpet.com), [contactus@hitkarihitechfibres.com](mailto:contactus@hitkarihitechfibres.com)**

## TRAINING PROGRAM ON "ADVANCED EXCEL"

ACMA Northern Region Uttarakhand organized one day training program on "Advanced Excel" on January 23, 2018 at Uttarakhand. The objective of the program was to understand higher functions of Excel, perform advanced calculations and functions, operate complex data using pivot tables and 'advanced' analysis, record macros and integrate with other office applications.



The faculty for the training was Mr. Pradeep Agrawal who explained key board shortcuts, cell comments, naming cells and ranges, advanced formula's and functions, recording macros and using visual basic for applications (VBA)

The faculty further discussed on various methods of managing data with Advanced Excel.

## VISIT TO GABRIEL INDIA LTD. & HELLA INDIA AUTOMOTIVE PVT. LTD.

ACMA Northern Region as part of its series of interactions and for sharing of best practices amongst ACMA member companies, a delegation of 21 members were lead to visit Gabriel India Ltd. and Hella India Automotive and, on January 30, 2018.



Mr. Mohit Srivastava Plant Head Gabriel India Ltd., led the team and welcomed all the participants. He provided an overview on Gabriel and its operations in India.

Speaking about the best practices, both Plant heads (Gabriel India Ltd. and Hella Automotive) mentioned that unit activities, focuses strictly on quality, thus all its operations have stringent TQM.

Regular activities like awards and recognition program, supplier meet, employee engagement survey is all a part of their routine activities.

Later, the participants at Hella were welcomed by Mr. KK Anand, Deputy Managing Director and his team of officials.

### Few of the practices followed at Hella, Gurugram plant, include:-

1. Commendable & Robust HR practices, such as
  - a. Enhancing the Labour efficiency from 59% to 119% is really commendable
  - b. VE Automobile Technician Course jointly with ASDC under Skill India initiatives of GOI
  - c. Well-coordinated Technology Roadmap & Technical Collaboration
  - d. Commendable Poka Yoke
  - e. Initiatives for Innovative Ideas
  - f. ESD Storage
  - g. End-to-end logistics – precautions



Ms. Meenakshi Narayanan, Regional Director ACMA NR on behalf of ACMA thanked the delegation as also the hosting companies. She also spoke about Auto component industry's current challenges, its growth, and opportunities both domestically and globally.

The visit was concluded with a vote of thanks from Mr. Deepak Chopra, CEO Anand Group and Co-Chairman ACMA NR for the visit at Gabriel and Mr. K K Anand Deputy Managing Director Hella for the Visit at Hella Automotive.

## SOUTHERN REGION

### VISIT TO ASHOK LEYLAND LTD

ACMA Southern Region as part of its services of customer interactions and platform for developing business contacts, organised a visit to Ashok Leyland, Hosur Unit 2 on December 12, 2017. It is the first Commercial Vehicle Manufacturing Company outside Japan to have won the coveted Deming Prize.



Mr. C. Unnikrishnan, Vice President Manufacturing (Hosur), Ashok Leyland Ltd. took the delegates through the company's journey on achieving Deming. He mentioned that while embarking on the journey of Deming, the company first set its vision and direction to be amongst the Top 10 global M&HCV Manufacturers and growth in LCV business to de-risk cyclicity. "Aapki Jeet Humari Jeet" was not only a tag line but a vision, he mentioned.

Mr. Unnikrishnan mentioned that systems and strategies were formulated at all levels and delivered through TQM and Policy management, which was measured through "Student Model Analysis". He also mentioned of forming a strong base using the daily management practices.

All policy implementations were rigorously followed up with a 2X2

matrix to check stability and capabilities of the KPIs derived. Daily management maturity index was developed for checking the effectiveness of DWM. The company also adopted the Process Reliability Rank up as a defect recurrence prevention technique for Quality assurance ranking, to enhance process reliability.

The tangible and intangible benefits saw the company's sales and profits grow, growth in LCV segment, confidence of customers, structured approach, better alignment, improved team work and morale amongst others.

A Plant tour was organised to showcase the Plant activities during which the delegates were explained various processes involved in the plant and improvements that were made during the Deming journey.

The company is moving towards "make to order", shared the Sourcing & Supply Chain team during the interaction. The team spoke about the processes involved and how they handhold the suppliers to achieve their targets. Supply chain needs to support its value chain, to enhance their capabilities to handle high number of parts.

Mr P. Kaniappan, Chairman (Southern Region), ACMA & MD, WABCO India Ltd, thanked Ashok Leyland team for hosting the ACMA delegation. Chairman gave a brief about ACMA and ACT. Mr Kaniappan also spoke about the Auto component industry and how connecting with customers is important. He mentioned about the various changes and challenges with regard to Technology, Govt. and Business models that will change the landscape of auto component industry.

35 participants attended this visit and termed this visit full of learnings and with good interaction.

### VISIT TO ISUZU MOTORS INDIA PVT LTD

ACMA Southern Region organized a visit for its members to Isuzu Motors India Pvt Ltd in Sri City on December 14, 2017.

Welcoming the ACMA delegates Mr D S Vishwanath, Vice President, Isuzu Motors India Pvt Ltd. mentioned that at Isuzu quality is paramount.



Mr J Sridhar, Zonal Co-ordinator ACMA (Chennai & Nearby) & CEO, Magal Engineering Tech Pvt Ltd thanked the Isuzu Motors team gave a brief overview of the Indian auto component industry. He also mentioned that the supplier community was keen to play a partnership role to make the venture of Isuzu a success. He cited initiatives of ACMA for supporting the OEMs for supply chain improvement and strengthen the supplier base.



A plant tour was organized by Isuzu Motors for the members of ACMA showcasing their plant's body shop and main body line. The entire plant was colour coded on the floors depicting areas and what function was to be performed in that area. For easy identification of the domain area, the safety helmets were also colour coded. The company also had in-line inspection at various stages to enable only OK products to the next stage.

The overall visit was well appreciated by ACMA members.

Subsequent to the Visit to Isuzu Motors India Pvt Ltd a tour was taken to Sri City. Mr Satish Kamat – President Sri City Operations presented facts and future plans of Sri City. Mr. Kamat mentioned that Sri City was an integrated city with strategic location, holistic development model, excellent access and world class facilities. It has a seamless connectivity through sea ports and airports including world class infrastructure with road network, power network, water supply, sewerage and good telecommunication system. Apart from this they also showcased the flexible options of industrial zones, developed industrial land parcels, ready built factories, plug n play office space and incubation office space. Tax benefits were also available being in the special economic zone and domestic tariff zone. Sri City had also created skill centers to cater to the requirements of the industries.

It was also showcased to ACMA members about business support and social infrastructure, housing, star hotels and luxury serviced apartments, education zone, medical centre, leisure and recreation and eco-conscious city. Some of the key clients who have set up their plants in Sri City are Danieli, Italy, Isuzu, Japan, Kellogs, USA, Colgate Palmolive, USA, Cadbury, USA, Kobelco Construction, Japan, Nittan India Tech, Japan, Alstom, France, Rockworth, Thailand, Hunter Douglas, Netherlands, Nittsu Logistics,

30 members joined the delegation to Isuzu and Sri City and termed the visit informative and useful.

## 9<sup>th</sup> KAIZEN CONTEST

The 9th edition of the Kaizen contest organized by ACMA on December 16, 2018, Southern Region created history with a record of 106 Kaizens presented in a day.

For the first time the event was taken to an academic institution – the prestigious IIT Madras, with an intent to strengthen academia to industrial relation and understand various industrial practices.



Interacting with the delegation, Mr Satkar Grewal, Deputy General Manager, from the Purchasing team of Isuzu Motors gave a presentation to ACMA members on Isuzu's purchase policies. Sourcing was done by IEBCI – Isuzu Engineering and Business Centre India and supplied to Isuzu Motors India. The company, he mentioned had 95 tier-1 suppliers with 50% of the suppliers based in the Southern Region. The company had achieved 70% localization for its India manufactured products. He also mentioned that IEBCI was responsible for the strategic global sourcing.



106 Kaizens were presented in the categories :

Area	Number of KAIZEN(s)
Productivity	31
Quality	32
Cost	21
Delivery	8
Safety	14

The highlight and inspiration of the Contest was presented by two SSI teams from Besmak Components Pvt Ltd.

A six member jury panel Mr Sudarsanam S, General Manager, Mahindra Research Valley, Mr Prakash K S, AGM - TQM-CQM, Ashok Leyland Ltd, Mr Sachin Gupta, Senior Manager, Trucks Operating System (TOS), Daimler India Commercial Vehicles Private Limited, Mr Atanu Biswas, AGM, Honda Motorcycle and Scooter India (Pvt) Ltd, Mr Saravana Kumar, HOS- Senior Manager, Hyundai Motor India Limited, Mr M S Anand Kumar, General Manager - R &D, TVS Motor Company Ltd. evaluated the presentations.

The Chief Guest for the contest was Mr Sachin Goel, Head Process Excellence, Ashok Leyland Limited.

Addressing the participants, the Chief of Jury Mr Sudarsanam S, General Manager, Mahindra Research Valley congratulated the turnout from the member companies to compete in the contest and thanked ACMA for giving him and the Jury team an opportunity to evaluate, share and learn through the medium of contest. He also appreciated and commended ACMA's efforts on evaluating the juries with the intent of alignment and reduce variation while scoring.

At the valedictory session the Chief Guest Mr Sachin Goel shared a presentation on the problem solving techniques at Ashok Leyland Limited. He mentioned that each area of work and process can be improved using Kaizen techniques and cited few examples from AL's journey. He further mentioned on Ashok Leyland's leadership commitment and reviewing improvement projects. His presentation also touched upon culture building, training completion, projects completed, infrastructure development, rewards and recognition, continuous focus to improve increase competitiveness through yearly communication and recognition of supplier partners. He also mentioned that vision of Ashok Leyland to aspire among the top 10 Global Rakings. He further proudly announced Deming Prize being received for two Ashok Leyland plants, Pantnagar and Hosur.

The following teams were announced winners in the different categories:

#### PRODUCTIVITY

PLACE	COMPANY	THEME
First Place	JM FRICTECH INDIA PVT LTD.	TO REDUCE SETTING TIME IN VMC MACHINE.
Second Place	SUNDARAM CLAYTON LTD; PADI	PRODUCTIVITY IMPROVEMENT IN M13 IMF MACHINING CELL - MACHINE SHOP

Third Place	MADRAS ENGINEERING INDUSTRIES PVT LTD. (MWC)	TO REDUCE M8 SCREWS TIGHTENING CYCLE IN THE ADB ASSEMBLY.
-------------	--	---

#### QUALITY

PLACE	COMPANY	THEME
First Place	BRAKES INDIA PVT LTD., SHOLINGHUR.	ELIMINATION OF WHITE STAIN DEFECT IN ALUMINUM MASTER CYLINDER.
Second Place	WABCO INDIA LTD.	RPN REDUCTION IN FINAL ASSEMBLY BY ELIMINATING WRONG FORK ORIENTATION ISSUE.
Third Place	HANON AUTOMOTIVE SYSTEMS INDIA PVT LTD.	ELIMINATION OF CONNECTOR CRACK IN LIQUID LINE.

#### COST

PLACE	COMPANY	THEME
First Place	SUNDARAM FASTENERS LTD, PADI	TO IMPROVE THE 2ND DIE ASSY LIFE
Second Place	WHEELS INDIA LTD; PADI	TO IMPROVE MTBF AND REDUCE THE SPARE COST IN FORGING
Third Place	MANN AND HUMMEL FILTER PVT LTD	ENERGY SAVING PROJECT IN IMM LINE CONVEYORS

#### DELIVERY

PLACE	COMPANY	THEME
First Place	WABCO INDIA LTD.	SUPPLY OF PART TO POINT OF USAGES AT CUSTOMER END.
Second Place	BRAKES INDIA PVT LTD, PADI	TO MEET THE INCREASED CUSTOMER DEMAND IN VW 8 INCH BRAKE ASSY
Third Place	LUCAS - TVS LTD; PADI	PRODUCTION RAMP UP IN STATOR WINDING MFG.

#### SAFETY

PLACE	COMPANY	THEME
First Place	WHEELS INDIA LTD; SRIPERUMBUDUR.	PROVIDING SAFETY INTERLOCK ROBO WELDING
Second Place	BESMAK COMPONENTS PVT LTD	TO ELIMINATE ELECTROCOUPLER & MOULD BREAKAGE
Third Place	TOYOTA KIRLOSKAR AUTO PARTS PVT LTD	ELIMINATION OF B RANK CONCERN



The feedback from the over 218 participants showed that they were enriched by the inputs given by the eminent juries, that was positive and encouraging and termed the event full of learning.

### TRAINING PROGRAM ON BUILDING/DEVELOPING LEADERSHIP SKILLS

ACMA Southern Region organized two days training program on Building/Developing Leadership Skills at ACMA office, Chennai on December 18-19, 2017.



The faculty for the program was Dr Kumar Ganesan, having a doctorate in Chemistry from IIT, Madras and 5 years of postdoctoral research in USA with a Nobel Laureate. The objective of this two days program was to train the participants on soft skills who aspire to take leadership roles.

The program covered in detail, what is leadership, difference

between managing and leading and how communication plays a vital role in leadership.

Leadership qualities were also elaborated along with the various styles of leadership. Various theories of leadership was explained along with SWOT analysis (identification of strengths, weaknesses, opportunities and threats).

The program was attended by 19 delegates from 14 companies.

## TRAINING IN TAMIL ON MEASUREMENT SYSTEM ANALYSIS

ACMA Southern Region organized a Training program in Tamil on Measurement System Analysis (MSA) on December 21, 2017 at Grace Infrastructure Pvt Ltd, Puducherry.

The objectives of this training was to explain various sources of measurement system uncertainty, assess linearity, stability, repeatability, and reproducibility of a Measurement process, support in setting up a measurement and calibration system, reduce the rejection and cost reduction to the value of the components.



The faculty for this program was Mr A.R.Nagarajan,

The training program covered the following topics, MSA is called Gauge R & R, measurements, measurement error, purpose and risks, variations, resolution, measurement uncertainty, measurement systems, the MSA process, measurement data, measurement factors, total variance, accuracy vs precision, types of measurement variation, bias, inference from bias, nearity, stability, repeatability, reproducibility, computation, decision making and measurement capability index – Gauge capability Ratio.

The training was found relevant by the delegates and learnings from presentation was fairly high with few implementable ideas. The program was appreciated by delegates as it was conducted in the local language Tamil.

## TRAINING IN TAMIL ON MEASUREMENT SYSTEM ANALYSIS

ACMA Southern Region organized a training program in tamil on Measurement System Analysis (MSA) on January 10, 2018 at ACMA office, Chennai.



The objectives of this training was to explain various sources of



measurement system uncertainty, asses of linearity, stability, repeatability, and reproducibility of a measurement process, support in setting up a measurement and Calibration system, reduce rejection, cost reduction to the value of the components.

The faculty for this program was Mr A.R.Nagarajan. The training program covered measurement error, purpose and risks, variations, resolution, measurement uncertainty, measurement systems, the MSA process, measurement data, measurement factors, total variance, accuracy vs precision, types of measurement variation, bias, inference from bias, nearity, stability, repeatability, reproducibility, computation, decision making and measurement capability index – Guage capability Ratio. Additionally, the training imparted was with exercises of repeatability and reproducibility which helped the participants understand the theories explained during the training.

The training was found relevant by the delegates and learnings from presentation was fairly high. The program was appreciated by delegates as it was conducted in the local language Tamil.

## INTERACTIVE SESSION WITH MR. ERICH NESSELHAUF, MANAGING DIRECTOR & CEO, DAIMLER INDIA COMMERCIAL VEHICLES

Evolution of key buying factors were the drivers of growth of modern trucks opined Mr. Erich Nesselhauf, Managing Director & CEO, Daimler India Commercial Vehicles Pvt. Ltd. while speaking at an interactive session with the membership of ACMA Southern Region and the Executive Committee of ACMA in Chennai on 19th January 2018.



Sharing Daimler's experiences, Mr. Erich Nesselhauf mentioned that while the company was global with proven track record, the products it offered were truly local with global standards and features. This he mentioned was part of the company's strategy from



the start of its establishment in India, which he mentioned was paying off and would continue going forward. The company is caching on its technology leadership with global presence and was creating intelligent platforms to address different markets and its requirements.

The recent developments of introduction of BS-IV and implementation of GST, brought in challenges and opportunities for



the industry, which was responded well by Daimler in view of its preparedness.

Key macro-economic factors viz Young Population, GDP growth, Industrial projections and infrastructure spending, strongly indicate the positive growth of the Indian economy, which he mentioned would positively affect the transportation. "PRESET – Political, Regulatory, Environmental, Social, Economical and Technological" ecosystem would further act as a catalyst for the growth of the Indian automotive and commercial segment in particular in addition to that, growing investments in logistics sector and regulatory implementations would further spur the growth of the CV segment. Talking on the opportunities to grow along with Daimler for the auto component sector, Mr. Nesselhauf mentioned that it was strategically important for the company to grow the parts sourcing not only for its Indian operations but also for its global consumption. The supplier base had grown from 13 in 2014 to 59 in 2016 for global supplies through Daimler India which saw parts development grow from 58 to 281. Laying down the path to get on board the global business of Daimler, Mr. Nesselhauf mentioned that company expected the suppliers to have uncompromised QCD performances with on-time part development and concept validation, active participation in Global RFQs, successful SoPs and Ramp-up among others.

Over 150 participants from amongst members, institutions and potential members participated in the interactive session.

## WHITE PAPER ON E-MOBILITY

Dr. Tapan Sahu, Chairman SIAM Frontier Technology Group and Senior Vice President, Maruti Suzuki India Ltd., presented SIAM's White Paper on "Adopting Pure Electric Vehicles" and interacted with members of ACMA Southern Region and the Executive Committee on January 19, 2018 in Chennai.

Global experience shows the need for having known the country's market dynamics and create suitably a conducive environment through strong and stable policies, said Dr. Sahu. India has started late on the electrification path and needs a strong policy to catch-up and move rapidly towards the state goal, he said. While complimenting the Government's vision and ambitious roadmap for pure electric vehicles with a transformative solution of shared-connected-electric mobility, wherein 100% public transport vehicles and 40% of private vehicles would be electric, SIAM was of the view that the vision needed expansion to have a future of all electric



vehicles. In the process, the Indian automobile industry also aims to become a leading global hub for design, manufacture and exporter of pure electric vehicles supporting the "Make in India" initiative, he added.

Stating that the partnership of trust between industry and the Government would be the essence with full conviction and hundred percent commitment and perseverance. Mentioning that the stakes of the automotive industry would run into thousands of crores towards creating a sustainable market place and a robust manufacturing eco-system for electric vehicles.

While the pure electric vehicle eco system may take time to mature, some of the clean technologies like hybrid electric and alternate fuels can play a role to achieve fuel savings and emission reduction. These technologies should get active promotion from the Government in a suitable manner, he said. Sharing concerns of the auto component sector, Dr. Sahoo mentioned that the Government should consider employment, employability and different skill sets etc that the supply chain would have to be equipped with besides realizing the return on investments made by the supply chain in the IC technologies.

The detailed Whitepaper can be downloaded by members from the following link:  
<http://www.siam.in/uploads/filemanager/114SIAMWhitePaperonElectricVehicles.pdf>

Earlier, President ACMA, Mr. N.K. Minda thanked SIAM and Dr. Sahoo for bringing out a detailed and well thought out white paper addressing the various challenges, scenarios and viability options on the acceptance and adoption of E-Mobility for the Indian market.

The presentation by Dr. Sahoo was followed by an energetic and highly interactive session with members of ACMA and the academic institutions, who were invited to the special session.

## MINUTES OF THE FIFTH MEETING OF THE HR FORUM

5th meeting of the HR Forum was organized on January 24, 2018 by ACMA for its HR members at Ford India Pvt Ltd, Chennai under the leadership of Prof S Ramadoss, Chairman – ACMA (Southern Region) – HR Forum, & CHRO, Lucas-TVS Ltd.



The meeting was hosted by Ford India Pvt Ltd, Maraimalainagar, Chennai. Prof. Ramadoss welcomed the participants and thanked the Ford team for hosting the ACMA delegation in their facilities.

Mr Sundarajan, General Manager, Manufacturing gave an overview of the Ford company and covered in detail on the Chennai plant along stressing on quality, safety, green environment and innovation. He also went through details of the paint shop which uses 6th generation electro coat supplied by PPG. He further explained to participants on the key areas of the assembly process which uses the automatic torque control and recording system along with automated glazing system. He also explained the enhanced validation tests were aligned to the global processes. He further explained that the Ford Chennai plant exports to 65 countries. Engine testing details were also shared. Sustainable green manufacturing practices like water efficient plant, zero wastewater discharge were showcased.

Mr Dominic Savio, General Manager, HR presented the Best HR practices followed at Ford India Pvt Ltd. "We work we celebrate" was the key motivator at work. He presented to the participants on HR organization and Centres of Excellence being Talent acquisition, Learning & Development and Compensation & Benefits. Further on Partnering Business he brought out the points of HR as a Business Partner, HR Labour Organisation and HR IT Solutions. He further elaborated on Hiring under Talent acquisition and the various programs like FCG program, Internship program, College relations program, employee referral and campus recruitment.

Under employee engagement he explained to participants on the following practices namely,

- Rewards and Recognition
- Launch events
- All employee meetings, family visits
- Sports and cultural club activities
- Diversity forums, flexible work options
- Pulse, engagement surveys, skip meetings, ACC/PCC
- CSR activities, Global catering month
- Employee assistance program
- Gearing & Development
- Leadership development programs
- GFPS
- Gold
- SABA – online training program including Higher Education programs.

## TRAINING ON QUALITY

ACMA Southern Region as a maiden initiative to reach out its members in the Andhra Pradesh and Telangana Zone conducted a one day Training program in Telugu the local language on Holistic Approach to Quality at Vijayawada. The training was hosted at the training facilities of Kusalava International Ltd.



The faculty for this program was Mr D. Sekhar, Counsellor in ACMA-UNIDO.

The training was led by Zonal Coordinator for AP & Telangana, ACMA Southern Region Mr C. Chakravarthi, Technical Director, Kusalava International Ltd. and saw the support of senior management of the company with Mr Siddharth, Director, Kusalava International Ltd and Mr Gopala Rao, Vice President participating at the inaugural session.

The training saw participation from 35 delegates in the program.

## TRAINING PROGRAM ON HOLISTIC APPROACH TO QUALITY

ACMA Southern Region conducted a training on "Holistic Approach To Quality" in Tamil for shop-floor associates / operators / ITI diploma holders and fresh graduate engineers.



The objective of this program was to help participants understand the importance of quality.

The faculty for this program was Dr N Rangaswamy.

A total number of 12 delegates attended this program. The program was enriching for the participants.



## WESTERN REGION

### 3<sup>rd</sup> ZONAL QUALITY CIRCLE COMPETITION IN GUJARAT ZONE

Quality Circles has emerged as a mechanism to develop and utilize the tremendous potential of people for improvement in product quality and productivity. It implies the development of skills, capabilities and creativity of the people through cumulative process of education, training, work experience and participation.

Continuing the Quality movement, ACMA Western Region organized 3rd edition of Zonal Quality Circle Competition in Gujarat Zone on 1st December 2017.

The competition saw 16 case study presentations on improvements carried by ACMA Member companies in Gujarat namely Abhijeet Technoplast (I) Pvt. Ltd., Badve Engineering Ltd., Caparo Engineering India Ltd., Delux Bearings Pvt. Ltd., Flometallic India Pvt. Ltd., Jay Ushin Ltd., Mahle Behr India Pvt. Ltd., New Swan Enterprises, Precision Autowares Pvt. Ltd., Schaeffler India Ltd.- Maneja & Savli plant, Sona Koyo Steering Systems Ltd. and Yazaki India Pvt. Ltd.

## TWO DAY WORKSHOP ON "VALUE STREAM MAPPING"

ACMA Western Region organized two day workshop on "Value Stream Mapping" on December 11&12, 2017 at ACMA Office, Pune with an objective to provide participants with an overview of Value Stream Mapping and how it can benefit organization's over-all performance.



The Presentation focused on growing customer satisfaction, reduction in - rejection, cycle time , fatigue , cost and waste.

The eminent panel of jury included Mr. Chandrakant Naphade, Manager- Stamping and Blanking area, Sanand Engine Plant, Ford India Pvt. Ltd. and Mr. Rinkesh Rawat, Head SCM Logistics from Tata Motors Sanand Plant.

Congratulating ACMA for arranging knowledge sharing platform Chief Guest Mr. Anil Patel, Plant Manager- Sanand Engine Plant, Ford India Pvt. Ltd. appreciated the platform that brings ideas exchange of leaning takes place.

The event saw participation from various parts of Gujarat such as, Ahmedabad, Vadodara, Sanand, Mehsana, Vithlapur, Surendranagar and Gandhinagar.

### The following were declared winners.

#### Top three Winners

Position	Team Name	Company Name
1 <sup>st</sup>	Prayas	Jay Ushin Ltd, Mehsana
2 <sup>nd</sup>	Qualoxy	Yazaki India Pvt. Ltd. Sanand
3 <sup>rd</sup>	Eliminator	Sona Koyo-Steering Systems Ltd. Sanand

#### Runner-Up

Position	Team Name	Company Name
1 <sup>st</sup>	Purusharth	Schaeffler India Ltd. Maneja
2 <sup>nd</sup>	Mahle Creator	Mahle Behr India Pvt. Ltd. Sanand
3 <sup>rd</sup>	The Innova	Flometallic India Pvt. Ltd. Jhagadia

Value Stream Mapping (VSM) is the process of mapping the material and information flows required to coordinate the activities performed by manufacturers, suppliers and distributors to deliver products to customers.

Mr. Abhishek Pandey from Faber Infinite Consulting, was the faculty. A similar program was organized on January 19, 2018 at Ahmedabad.

The training was organized for quality managers and engineers, lean practitioners, process improvement managers and improvement teams.

The training was conducted by Mr. Ravindra Biswas an Ex-Tata Group Company Business head.

Mr. Biswas explained that a value stream is all the actions (both value added and non-value added) required to bring a product through the main flows essential to every product.

He further discussed in details various important aspect related to Value Stream Mapping like how to differentiate between Value Added and Non Value Added activities, 7 types of waste, Value Stream Mapping Process, documenting the current state, designing implementation plan and designing future state.

13 delegates attended the training and the feedback was encouraging.

## 8<sup>th</sup> ANNUAL REGIONAL KAIZEN COMPETITION

ACMA Western Region organized 8th edition of Kaizen Competition on December 13, 2017 in Pune. Kaizen activity is one of the benchmark tools that not only enhances the growth of any organizations, but also uplifts the morale of the employees, setting a good example of employer-employee relationships' as it calls for collaboration, commitment and team work from top to bottom.

The competition saw 74 case study presentations on improvements carried by ACMA member companies in their respective plants in the Western Region. Leading member companies such as Anand Group, Aurangabad Electricals, Badve Group, Bosch, Endurance Group, Lumax, NRB Bearings, Polyplastics, Sandhar Technologies, Talbros TACO Group, Varroc, and, Yazaki participated at the competition.

The case study presentations covered key areas of improvements such as Development of new fixture on Brake chamber line to eliminate the breakdown and reduce set up time by using SMED concept, Quality improvement for spindle part, to resolve customer complaint and to save customer order, Elimination of Grinding Operation in Pressure Plates, protection to eliminate major safety deviation of oil overflow, Journey towards Zero defect etc.

The Jury panel included the industry experts from OE Customers namely: Mr Ashutosh Ranjekar, Manager- Maintenance, Bajaj Auto Ltd, Mr. Sanjeev Terdal, Lead Parts Quality, FIAT CHRYSLER Automobiles, Mr. Naresh Hans, AGM- Engine Shop, General Motors India and Mr. Amol M Pokharkar, Manager – Quality, Volkswagen India.

The following were declared winners :

### Top Three :

Position	Team Name	Company Name
1 <sup>st</sup>	Achievers	Windals Precision Pvt. Ltd., Pune
2 <sup>nd</sup>	Achievers	NRB Bearings Ltd., Aurangabad
3 <sup>rd</sup>	Jwala	Anand I-Power Ltd., Nashik

### Best Turn around:

Position	Team Name	Company Name
1 <sup>st</sup>	EC Lions	MAHLE Behr India Pvt. Ltd., Pune
2 <sup>nd</sup>	Arjun	A Raymond Fasteners India Pvt. Ltd., Pune
3 <sup>rd</sup>	Spicer Warriors	Spicer India Pvt. Ltd., Satara

### Cost:

Position	Team Name	Company Name
1 <sup>st</sup>	Passion	Varroc Engineering Pvt. Ltd., Plant V Aurangabad
2 <sup>nd</sup>	Avenger	Aurangabad Electricals Ltd., Pune
3 <sup>rd</sup>	Passion	Eaton Industrial Systems Pvt. Ltd., Ahmednagar

### Delivery:

Position	Team Name	Company Name
1 <sup>st</sup>	Agni	Rinder India Pvt. Ltd., Pune
2 <sup>nd</sup>	Lakshya	Tata AutoComp Systems Ltd., Hendrickson Div., Pune
3 <sup>rd</sup>	Team Roaring Lion	Badve Engineering Ltd., Khalumbre, Pune

### Safety:

Position	Team Name	Company Name
1 <sup>st</sup>	Poly Green Stars	Polyplastics Industries (I) Ltd., Pune
2 <sup>nd</sup>	Pragati	Gabriel India Ltd., Nashik
3 <sup>rd</sup>	Sankalp	Sansera Engineering Pvt. Ltd. Pune

### Productivity:

Position	Team Name	Company Name
1 <sup>st</sup>	GKN VSI	GKN Sinter Metals Pvt. Ltd., Ahmednagar
2 <sup>nd</sup>	GED Satara	Bharat Forge Ltd., Satara
3 <sup>rd</sup>	Diamond	Lumax Industries Ltd., Pune

The feedback from participants was very encouraging.



## WORKSHOP ON IMPROVE EQUIPMENT THROUGH TOTAL PRODUCTIVE MAINTENANCE

The concept of Total Productive Maintenance is to improve maintaining plants and equipment. With the objective to create more awareness about the subject, ACMA Western Region organized two day workshop on **"Improve equipment through Total Productive Maintenance"** on 18th & 19th December, 2017 at ACMA Office, Pune.



Mr. Abhishek Pandey was the faculty who explained the application of TPM that can prevent quality defects, break downs & make work easier safer to equipment operator. Equipment failure as well as the technical skills, morale of members participants in TPM activities will be improve significantly, he added. Mr. Pandey further mentioned that TPM workshop aim at maximising equipment effectiveness through the optimization of equipment availability, performance, efficiency and product quality. Detailed knowledge of all 8 pillars of TPM, Awareness on methodology of implementations for different pillars, learning how to maximize the Overall Equipment Effectiveness.

Mr. Pandey also described Basic principles of TPM, 8 pillars of TPM, Implementation methodology, Introduction to measurements like OEE, MTBF, MTR, How TPM can help to improve equipment performance.

## TRAINING PROGRAM ON "VALUE ANALYSIS AND VALUE ENGINEERING"

ACMA Western Region organized two day training program on "Value Analysis and Value Engineering" on 19th & 20th December 2017 at Ahmedabad. The training was aimed for managers, engineers and middle management personnel involved in the functions of Production, Quality Assurance, Inspection & Testing and Design & Development.

The training was conducted by Mr. Ravindra Biswas an Ex-Tata Group Company Business head.

Value Analysis and Value Engineering is a systematic, step by step approach, intended to achieve the desired function of a product, process, system or service at an overall minimum cost without in any way effecting quality, cost and delivery demands of customers said

Mr. Ravindra Biswas while defining the Value Analysis and Value Engineering.

Mr. Biswas explained in detail elements of VAVE and emphasized on techniques to reduce costs in all areas such as materials, parts and production as well as improving product function using world class manufacturing techniques.

## FORMATION & MEETING OF ZONAL HR FORUM – GUJARAT ZONE

Gujarat is emerging as a new auto hub and ACMA is making all efforts to reach out to the community to address the issues that will help the industry to build competency and growth in Gujarat.



In view of this ACMA (Western Region) initiated formation of HR Forum in Gujarat zone under the aegis of ACMA Western Region HR Forum on January 10, 2018 to discuss and deliberate various challenges that Auto component industry is facing and action points to find solution.

A detail deliberation on key challenges that members are facing was dwelled upon

- Infrastructure such as Public transport, ESI hospitals, Schools.
- Skilled manpower & absentism a big challenge for the industry.

## 9<sup>th</sup> HR SUMMIT

The 9th Annual HR Summit of ACMA Western Region themed HR Revolution – Building new architecture of Future HR on January 19, 2018. The Summit was attended by HR professionals, industry leaders and decision makers. The eminent speakers from the industry, academia and IR addressed the participants and explained various HR, IR & Skill Development.



Eminent speakers from industry graced the event including Chief Guest Mr. Vinod Sahay, Chief Executive Officer, Trucks and Bus & Construction Equipment, Mahindra & Mahindra Ltd., Guest of Honour Dr. Siddharth Jabade, Vice Chancellor, Vishwakarma university, Pune, Dr. Santosh Bhawe, Mentor, ACMA –HR, IR & Skill Development & Director – HR,IR & Admin, Bharat Forge Ltd. and Mr. Piyush Tamboli, Chairman ACMA Western Region & CMD,



Investment & Precision Castings Ltd.

Disruption and Reform have become new normal for almost all segments of Business. Technology disruption, Economic reformation, Phasing out Subsidies and new Industrial Policy are going to be the game changer and will force to do away with the traditional way of doing business. This led to the theme of the Event "HR Revolution – Building new architecture of Future HR", mentioned Dr. Santosh Bhawe, Mentor, ACMA –HR, IR & Skill Development & Director – HR,IR & Admin, Bharat Forge Ltd. at his address.

Dr. Siddharth Jabade, Vice Chancellor - Vishwakarma university, Pune guest of honour said under present time industry academia partnership is more significant as it helps to design a kind of syllabus which makes student employable as soon complete the course.

The summit saw 6 Technical Sessions including panel discussion covering the following key areas of the HR/ IR by the eminent professionals:

1. "Digital Technology – New Face of Global Competition" by Mr. Nitinchandra Shende, Sr. GM –HR, Persistent Systems Ltd.
2. Industrial Relation: Balancing act By Dr. Raghunath Kuchik, General Secretary – Bhartiya Kamgar Sena
3. Impact of Business disruption- Panel discussion with Mr. Rajesh Nair Sr., Director – HR, Emcure Pharmaceutical Ltd., Mr. Kishor Kenche, Country HR Head, Brembo Brake India Pvt Ltd & Mr. Jaydeep Mitra, Head HR, Dana India Pvt Ltd

## BUSINESS EXCELLENCE DRIVE: FIRST EVER BUSINESS EXCELLENCE COMPETITION

In its another new initiative, ACMA Western region with full support from OEMs, designed and organized First ever Business Excellence Competition at Pune. The competition had three stages a) Application, b) Site assessment and final presentation.

John Deere helped in designing the format, conducting site assessments and nominated Jury for the competition whereas Bajaj Auto, Mahindra & Mahindra and Volkswagen India extended support in conducting site assessments and nominated jury to make this new initiative a grand success.

Out of 31 applicants that were selected for site assessment, 14 got selected for the final presentation.

### The focus area for site assessment was:

- Approach to Business Excellence strategy
- Deployment of Business Excellence Programme
- Resource Management
- Efforts to make Business Excellence a culture and its benefits

The eminent Assessor and Jury panel for the competition included Mr. Nitin Afajalpurkar, Deputy General Manager- Six Sigma Services, John Deere India Pvt Ltd., Mr. Atul Pail, head- TPM & Manufacturing



Excellence at Mahindra & Mahindra Chakan, Mr. Ashutosh Ranjekar from Bajaj Auto Ltd. Pune, Mr. Sunil Bhoomkar From Bajaj Auto Ltd.



Aurangabad and Mr. Mr. Chetan Deshpande From Volkswagen.

Mr. Parag Auty, Head Business Excellence Services, Tata Motors Ltd., Pune plant was the Chief Guest at the valedictory session.

Congratulating ACMA (Western Region), Mr. Parag Auty said that such engagement will help to build Supplier - OEM Relationship at ground level which further strengthen the relationship at upper level.



### Following were announced winners:

1 <sup>st</sup>	Mindarka Pvt. Ltd., Pune
2 <sup>nd</sup>	Tata AutoComp Systems Ltd., Pune, Composite Division
3 <sup>rd</sup>	KSPG Automotive India Pvt. Ltd., Pune

# खेलकूद | 3rd INDOOR GAMES COMPETITION



To create bonding among ACMA members, Northern Region HR Forum organized खेलकूद – 3rd Indoor Games Competition on December 9, 2017 in Gurugram. This is the third edition of the competition under the leadership of Mr. Chandan Sengupta, Sr.V.P. – HR, Sandhar Technologies Ltd.

A total of 117 players participated in all three games – Chess, Table Tennis and Carrom. Chess had the highest players – 48 followed by 39 in Carrom and 30 in Table Tennis.

Following were the winners:-

## CATEGORY: CARROM

POSITION	WINNER'S NAME	ORGANIZATION NAME
1 <sup>st</sup>	Mr. Prashant Yadav	Subros Ltd.
2 <sup>nd</sup>	Mr. Prashant B	Talbro's Automotive Components Ltd.
3 <sup>rd</sup>	Mr. Rahul Yadav	Sata Vikas India Pvt. Ltd.

## CATEGORY: CHESS

POSITION	WINNER'S NAME	ORGANIZATION NAME
1 <sup>st</sup>	Mr. Manjjeet Poonia	Anand CY Myutec Automotive Pvt. Ltd.
2 <sup>nd</sup>	Mr. Deepak Looned	Sandhar Tooling Pvt. Ltd.
3 <sup>rd</sup>	Mr. Ajit Kumar Gautam	Shriram Pistons & Rings Ltd.

## CATEGORY: TABLE TENNIS

POSITION	WINNER'S NAME	ORGANIZATION NAME
1 <sup>st</sup>	Mr. Vijay Kumar	Ecocat India Pvt. Ltd.
2 <sup>nd</sup>	Mr. Abhishek Kumar Singh	Shriram Pistons & Rings Ltd.
3 <sup>rd</sup>	Mr. Harish Bisht	Subros Ltd.





## ACMA Centre of Technology emphasises to 'Digitize the Auto Component Industry in India - Creating Smart Factories'

*ACMA Awards ceremony, for the first time, at ACT Summit  
Over 1,000 delegates from the Automobile and Component Industry, Academia and Government attend*

The Automotive Component Manufacturers Association of India (ACMA), the apex body of the Auto Component Industry in India, successfully hosted the third edition of ACT Summit, from 8th- 9th December, 2017 in Pune. This year's ACT Summit focused on the theme of "Digitizing Auto Component Industry in India- Creating SMART FACTORIES". The summit was graced by eminent personalities and dignitaries such as Mr. Anant Geete, Hon'ble Union Minister for Heavy Industries & Public Enterprises, Government of India, Mr. Tom Flack, President & Chief Procurement Officer, TATA Motors Ltd., Mr NK Minda, President, ACMA, Mr Ram Venkatarmani, Vice President, ACMA and Mr Srivats Ram, Chairman, ACT. Coinciding with the Summit, the ACMA annual Awards were presented, honouring excellence, in Auto Component manufacturing.

**The ACMA Centre for Technology (ACT) Summit** brought together national and international experts in the field of Industry 4.0 who deliberated and presented case studies on the advantages of automation and digitalisation. An exhibition on innovations, coinciding with the Summit showcased what lies beyond automation for the automotive industry.

ACMA Awards, the most coveted recognitions of the Auto Component Industry were given to 57 companies recognising their contribution in the following 13 categories - Best ACMA Company Of The Year, Excellence in areas such Technology-Product Innovation, Technology-Process Innovation, Quality and



Productivity, Manufacturing, Human Resources, Supplier Development, Export, HSE (Health, Safety and Environment), Small Category Awards, Business Growth, Digitization, Resource Optimization, Make in India.

With an aim to explore Smart Manufacturing Solutions and Digitization in the industry, the event conducted incisive sessions, addressed by distinguished industry luminaries that focussed on improving quality and drive towards smart manufacturing, keeping in mind the concern for environment and sustainability. In addition to this, winners of ACT 4th case study competition 2017 Gold Awards also shared their experiences.





Speaking on the occasion, **Chief Guest Mr. Anant Geete, Hon'ble Minister for Heavy Industries & Public Enterprises, Government of India** said, "I appreciate the unparalleled efforts put in by the ACMA Centre for Technology (ACT) in facilitating adoption of international best practices in the auto component industry. I congratulate ACMA on their efforts to drive the industry forward in a responsible manner and assure that the government will extend full support to ACMA".



Giving cogent comments on digitisation, **Guest of Honour, Mr Tom Flack, President & Chief Procurement Officer, TATA Motors Ltd**, said, "The Indian automotive industry is going through a transformational period especially in light of the concept of mobility undergoing a dramatic change. The auto component industry must welcome and embrace the digital revolution to stay competitive and relevant; the time has come the industry to graduate to Industry 4.0 for better predictability and proactively addressing customer requirements. The auto component suppliers need to become 'full solution' suppliers from being 'build to print'".

Commenting on the success of ACT's role in nurturing the **auto component industry**, Mr Nirmal Minda, President, ACMA said, "Here, I like to acknowledge the tremendous contribution of ACMA Centre of Technology through its cluster programs in transforming companies to be globally competitive. Today, auto industry is at a point of inflection as it endeavours to meet the changing customer preferences and to be compliant to the increasingly stricter regulatory norms. In order to stay relevant, the Indian auto component industry will have to adopt to the latest manufacturing techniques and technologies. We at ACMA are committed to guide and support the industry in this phase of transition and in fact our annual ACMA awards presented here are a testimony to ACMA's efforts in helping the industry become



competitive, my heartiest congratulations to the winners".

The event culminated with presentations on ACT Digitization cluster, MFCA & Safety Program.

# MEMBERS ROOM

## NORTHERN REGION Ordinary Membership

**SMB Engine Valves**  
Plot No. 2026, Road D-5, Metoda G.I.D.C.,  
Gate No. 01, Lodhika -360021  
Dist.-Rajkot (Gujrat) India

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Engine Valve, Valve Guides, Valve Seats,  
Valve Tappets  
Certification to ISO 9000 & QS 9000:  
ISO 9001:2015 by LMS Certifications Private Limited

**KSC Engineers Pvt. Ltd.**  
B-31, Sector-65,  
Noida-201301 (U.P.)

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Spare Pins & King Pins, U Bolts, Centre  
Bolts, Hub Bolts, Nuts & Check Nuts, Axle Studs & Lock Pins, Boots  
& Bellow, Suspension Bushes & Kits, Silent Block Bushes.  
Certification to ISO 9000 & QS 9000:  
ISO 9001:2015 by IAF/BQC  
ISO 14001:2015 by IAF/BQC

## NORTHERN REGION Associate Membership

**Kamal CED Solutions LLP**  
Plot no. 254, Sec-06, IMT Manesar,  
Gurgaon

Products Manufactured: CED coating, Nickel Plating, Hard  
Chrome, Magni Coating  
Certification to ISO 9000 & QS 9000:  
ISO 14001:2008 by URS  
IATF 16949:2016 by Vincott International India Assessment Pvt.  
Ltd.

## SOUTHERN REGION Ordinary Membership

**Karthikeya Industries**  
355, Thudiyalur-Idigarai Road,  
Sengalipalayam,  
Coimbatore-641022  
SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Slag Adjuster Castings, Housing & Pulley  
Castings, and Valve Castings.  
Certification to ISO 9000 & QS 9000:  
ISO 9001:2015 by TUV-SUD

**Precitek Components Pvt. Ltd.**  
G - 3T, SIPCOT Industrial Complex,  
Vallam Vadagal, Sriperumbudur P.O.  
Kanchipuram Dist

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Chain Guard, Cap Swing, RR Spacer,  
Adapter Assembly, Door Clips, Catches  
Certification to ISO 9000 & QS 9000: ISO 9001:2008  
by Absolute Quality Certification Pvt. Ltd.

**Precision Profiles India**  
No. 2/293, DRR Avenue, 2nd Street,  
Audco Nagar, kattupakkam,  
Chennai-56

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Wheel RIM Components, FAB & Machined  
Components.  
Certification to ISO 9000 & QS 9000:  
ISO 9001:2015 by Bureau Veritas

## SOUTHERN REGION Affiliate Membership

**SRM Institute Of Science And Technology**  
SRM Nagar, Potheri,  
Kattankulathur-603203

SSI/Large & Medium/Etc.: NA  
Products Manufactured: Trust  
Certification to ISO 9000 & QS 9000: NA

**Dr. M.G.R. Educational And Research  
Institute Trust**  
Periyar E.V.R. High Road, Maduravoyal,  
Chennai-600095

SSI/Large & Medium/Etc.: NA  
Products Manufactured: Trust  
Certification to ISO 9000 & QS 9000: NA

A Company of



Introducing  
First Ever Unique  
1 Day Home Painting  
In India

☎ 18001027143

## Latest Features



Wall sanding



Putty application



Hot air dryer

for Online Order Log on:

[www.kisekihomepainting.com](http://www.kisekihomepainting.com)

download app ..KISEKI one day home painting



Scan this QR code for downloading app

Manufactured & Marketed by:  
Maharani Innovative Paints Pvt. Ltd., Faridabad-121005, Haryana(India)  
A Company of C.Dass Group  
( Serving Paint Industry since 1986 )