

**ACMA**

Automotive Component Manufacturers Association of India

October - November 2019

# AUTONEWS

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**ACMA**  
Automotive Component Manufacturers Association of India



5<sup>th</sup> ACMA Technology Summit & Awards 2019  
25<sup>th</sup> & 26<sup>th</sup> November 2019, Pune



Department of Heavy Industries  
Ministry of Heavy Industries & Public Enterprises  
Government of India

## ACMA TECHNOLOGY SUMMIT & AWARDS 2019

Exploring New Frontiers of Technology

25<sup>th</sup> & 26<sup>th</sup>



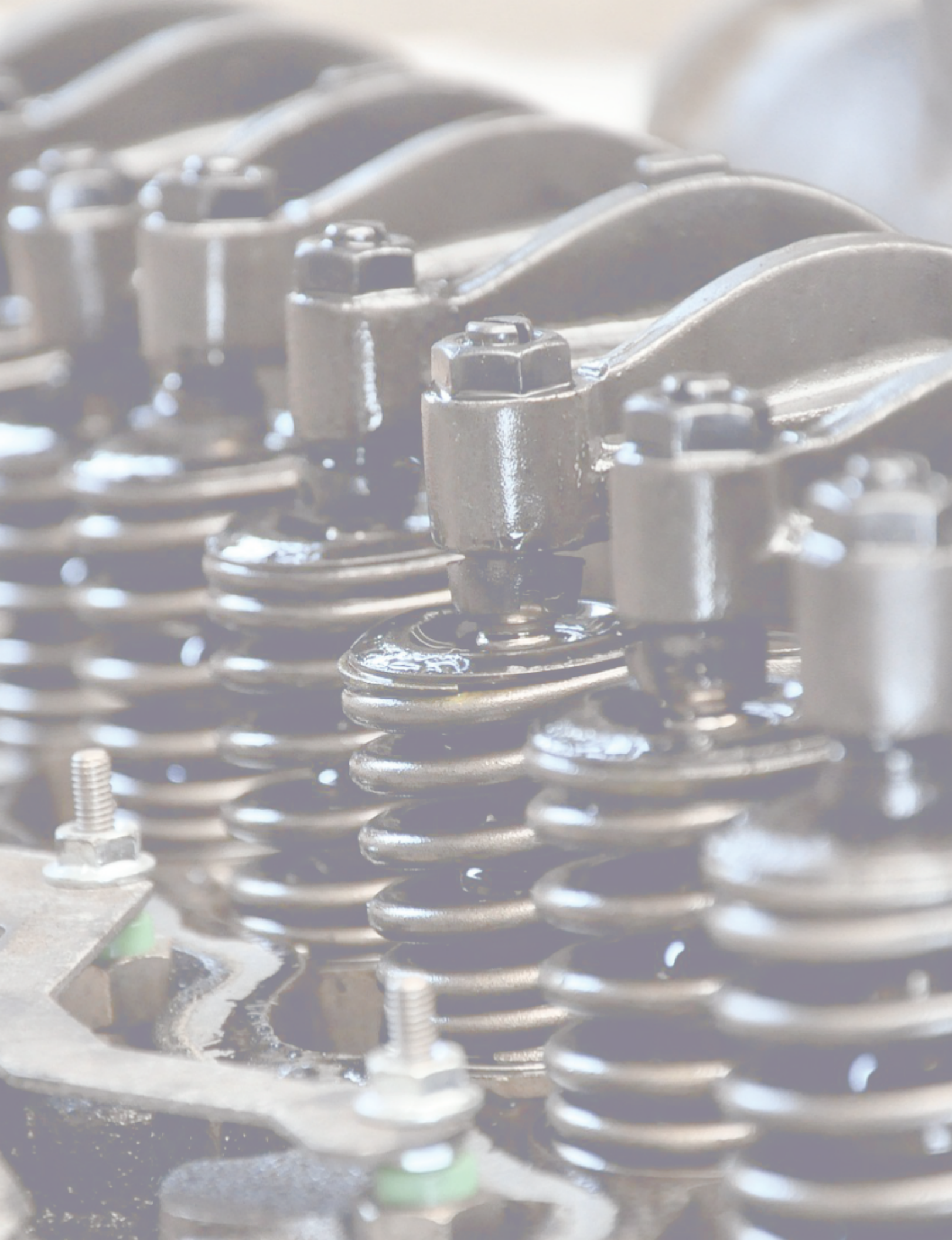
# FRONTIERS OF

Inside  
**ACMA Technology Summit & Awards 2019**

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## EDITORS'S NOTE

This edition of the Auto News brings to you information on the key industry events, which contributed to our understanding of trends defining the future road map for the automotive industry in India. The 5th ACMA Technology Summit, brought together national & international experts in technologies that are shaping the automotive environment of tomorrow. The summit witnessed incisive sessions on Future of Mobility, Green Mobility, Industry 4.0, Electric Mobility, AI, Block-chain, Design Thinking and Autonomous Driving among others.

The event also hosted ACMA Awards, the most sought-after recognitions in the Indian auto component industry, instituted since 1966. The mega event also witnessed unveiling of ACMA - Frost & Sullivan study on 'Mega Themes of the Future - Opportunities for the Indian Auto Industry'. The study dwells extensively on disruptions being faced by the automotive industry in India and the globe, these are commonly known as CASE - connected, autonomous, shared and electric.

Internationally, to further the interest of our members ACMA lead a delegation to the 'Korea Automotive Industry Exhibition' (KOAA) held in South Korea. The Business Match Making event for ACMA delegates and a visit to Korea Industrial Complex Corporation (KICOX) were much appreciated by our members. ACMA also participated in the 'Automotive Aftermarket Products Expo' (AAPEX) in Las Vegas, US. The ACMA pavilion spread across 2400 sq. ft. had 21 member companies participating.

On the domestic front, among various activities to further the interest of component suppliers, iAutoconnect 2019 – ACMA's International Reverse Buyers Sellers Meet was a key highlight. The event saw participation by over 120 Indian auto component manufacturers and 178 international aftermarket distributors from over 45 countries. The iAutoConnect has fast developed into a global platform that provides great opportunities to the Indian auto component manufacturers to showcase their strengths and capabilities to dedicated international buyers.

I hope you are making good use of offering from ACMA and benefiting.

Best wishes!

**Vinnie Mehta**  
Director General, ACMA  
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**ACMA**  
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## ACMA Technology Summit, Pune

### ACMA TECHNOLOGY SUMMIT URGES INDUSTRY TO INVEST IN R&D AND BRACE UP FOR TRANSFORMATION

#### Highlight of the Event:

- ACMA Awards recognising performance excellence conferred upon 62 companies

The Automotive Component Manufacturers Association of India (ACMA), the apex body of the Auto Component Industry in India, successfully hosted the **fifth edition of ACMA Technology Summit** on 25th and 26th November 2019 in Pune. This year's theme '**Exploring New frontiers of Technology**' was aimed at ACMA's endeavour to facilitate the auto component industry in identifying disruptive challenges and delineate a roadmap for its future.

The **5th ACMA Technology Summit** brought together national and international experts in technologies that are shaping the automotive environment of tomorrow. The summit witnessed incisive sessions on Future of Mobility, Green Mobility, Industry 4.0, Electric Mobility, AI, Blockchain, Design Thinking, Autonomous Driving among others.

The summit was graced by eminent personalities from the government and the industry including Mr. Deepak Jain, President, ACMA; Mr. Girish Wagh, President & Head-CVBU, Tata Motors Ltd; Dr Martin Koers, MD, German Association of the Automotive Industry (VDA); Mr. Pravin Agarwal, Jt. Secretary, Department of Heavy Industry, Govt. of India; Mr. Ashok Sharma, Assistant Vice President & Operating Head, Honda Cars India; Mr Raju Ketkale, Senior Vice President & Director, Toyota Kirloskar Motors; Mr Sarwant Singh, Managing Partner, Frost & Sullivan to name a few.

The Summit also witnessed conferring of ACMA Annual Awards,

honouring excellence in Auto Component industry. Out of a total of 161 applicants, 62 winners were awarded this year. The winners of ACMA award also shared their success stories at the Summit.

The ACMA Awards are one of the most sought-after recognitions in the Indian auto component industry. These were instituted in 1966 and are presently bestowed for excellence in Export, New Product Design & Development, Process Technology, Manufacturing, Supplier Development, Human Resource, Inclusive Growth – A Make





in India Drive, HSE (Health, Safety & Environment) and Unique Initiatives.

The event also witnessed launch of **ACMA-Frost & Sullivan study on 'Mega Themes of the Future - Opportunities for the Indian Auto Industry'**. The study dwells extensively on disruptions being faced by the Indian automotive industry in the form of connected, autonomous, shared and electric (C.A.S.E) technologies. It also highlights how these disruptions are fueling innovation, bringing in new business models and creating revenue-generating hotspots.

At the event ACMA also signed **MoUs** with the Centre for Development of Advanced Computing (C-DAC) and Society of Automotive Engineers, India (SAEINDIA) as knowledge partners for ACMA Centre of Excellence (ACoE). With C-DAC, ACMA would work together to develop content for training programs and collaborate in Designing & setting up of labs, conduct workshops and knowledge sessions, provide technology services using C-DAC products and technology, and develop e-learning platforms customized for the auto sector.

While with SAEINDIA, knowledge sharing in the area of Mobility Engineering will be a key focus. ACMA and SAEINDIA would jointly leverage SAEINDIA Collegiate Clubs (AICTE Accredited Engineering Institutions/Universities) for joint programs, connect with national and international subject matter experts to conduct training and design and conduct certification programs. As long-term goals, establishing a best in class e-library for mobility engineering and building an e-network for on-line courses could be considered.

Commenting on the rapidly changing dynamics in the industry, **Deepak Jain, President, ACMA** said, *"The automotive industry in India is undergoing significant stress due to plummeting sales, which in turn has adversely impacted the performance of components sector. But with sound macro-economic fundamentals and the recent interventions by the Government, it is only a matter of time that the growth will return to the industry. It is therefore necessary to ensure that the industry is prepared for next growth cycle, especially our tier-2 and tier-3."*







# 1 BUSINESS DEVELOPMENT

## INTERNATIONAL PARTICIPATION

### PARTICIPATION AT KOAA SHOW & BUSINESS MATCH MAKING EXPO – CHANGWON

ACMA, with its continued efforts to bring synergies between ACMA members and Korean Auto Industry, organized a group participation for its members at Korea Automotive Industry Exhibition\* (KOAA) held from 16th to 18th October, 2019 in South Korea

ACMA, also facilitated Business Match Making event in Changwon city (biggest auto parts companies cluster in South Korea) preceding the show visit to Korea Industrial Complex Corporation (KICOX) & Tongil Industries Co. Ltd. was organised for the visiting members on 14th and 15th October, 2019 respectively.

**The objectives of the business match making meet was to:**

- a. Develop strategic partnerships & agreements with Korean auto-component manufacturers and OEMs
- b. Explore the possibilities of acquiring/collaboration for technology, Auto-electronics, vehicle safety, emission control and anti-collision intelligence etc.
- c. Exploring global outsourcing opportunities with OEMs/ Tier 1/ Tier 2.

Overall, a total of 20 delegates from 15 ACMA member companies participated in the meet and over 150 B-2-B meetings, were held during the match making event.

ACMA, also signed MoU with the Changwon Industry Promotion Agency, in the presence of Hon'ble Mayor of Changwon City Mr. Huh Sungmoo. Also, two participating companies signed MoUs with Korean companies during the event; they are:

- MT AutoCraft (India) with Heam Tech (Korea)
- AG Industries (India) with Samhyun (Korea)

The highly coveted KOAA show, which is among the biggest automotive-related exhibition in the world attracts high share of global participants and numerous global buyers.

Indian companies displayed latest innovation and auto products, including auto-electronic, car care products, as well as interior & exterior products. The Purchasing team from Hyundai & Kia Motors visited the ACMA stand and interacted with representatives of the participant companies.





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## ACMA PARTICIPATES IN AAPEX SHOW 2019, LAS VEGAS

ACMA, with its intent to reach & concur the global markets, participated in the 'Automotive Aftermarket Products Expo' (AAPEX) which was held from 5th to 7th November, 2019 in Las Vegas, US. The strategically located India's pavilion was spread across 2400 sq. ft. and was represented by 21 Indian companies.

The initiative was ably supported by Ministry of Commerce & Industry, in order to project India's industrial prowess. This was the sixth time that ACMA participated in the show. The show provides unique opportunity to make new business contacts, other than establishing networks and intensifying existing business relationships.

Coinciding, AAPEX Show, ACMA also organized 'Networking Reception' on 6th November, 2019 for the Indian companies and large distributors like NIVEL, IPD Parts, Reliance Power Parts, VWR International Inc., Arrow Head etc.

This global event represents USD \$1 trillion global automotive aftermarket industry, with more than 2,500 exhibiting companies. It showcases latest products, services and technologies that keep the world's 1.3 billion vehicles on the road.

More than 48,000 targeted buyers attended the Expo, including automotive service professionals, auto parts retailers, warehouse distributors, service chains, automotive dealers, fleet buyers and engine builders.

AAPEX 2019, witnessed participation from many countries like Mexico, China, Thailand, Spain, Korea, Taiwan, Germany and Italy. However, Chinese participation was the highest among all the participants.

Feedback received from the participants was highly satisfactory, all of them expressed desire to participate again in next edition.



# NORTHERN REGION

## ACMA HOSTS 4<sup>th</sup> IAUTOCONNECT 2019 - INTERNATIONAL REVERSE BUYERS-SELLERS MEET

### Meet Highlights:

- Over 165 international auto component aftermarket distributors from 45 countries
- Product display by over 120 Indian Auto Component Manufacturers
- Over 1,000 B2B meetings organised



ACMA, with the support of Ministry of Commerce & Industry, Government of India organised the fourth edition of iAuto-connect 2019 - International Reverse Buyers & Sellers Meet on 26th to 27th September, 2019 in Noida. The objective of the reverse buyers-sellers meet was to provide ACMA member companies, a platform to showcase their product offerings and manufacturing excellence to increase component exports.

This year's event witnessed participation from over 120 Indian auto component manufacturers and 178 international auto component aftermarket distributors from over 45 countries including LATAM, ASEAN, Middle East, Africa, SAARC, CIS and Europe among others.

The event congregated international delegates and Indian Component Manufacturers under one roof putting the spotlight on India made state-of-the-art auto components and technologies for international aftermarket. IPOs of major global OEMs such as Harley Davison, Navistar, MAN Truck & Bus, Marelli, Valeo, Volvo, FAC, SCANIA, BMW, Electrolux, Kohler, Magna Power Trail, Dream Bikes, Peugeot Automobile Nigeria Ltd, Gaz and Kamaz engaged with the Indian component manufacturers for exploring new sourcing opportunities.

Commenting on a yet another successful edition of iAutoConnect, **Mr. Deepak Jain, President, ACMA** said, "iAutoConnect has become a global platform that provides a great opportunity to the Indian auto component manufacturers to showcase their

*innovative and technologically advanced products to the visiting international buyers. The Hon'ble Prime Minister of India has envisioned India to be a USD 5 trillion economy by 2025, with manufacturing sector contributing USD 1 trillion. The automotive sector contributes almost 50% to India's total manufacturing output. It is therefore an imperative for the Indian auto component industry to explore export opportunities. The overwhelming response to this event is a testimony to the growing credibility of Indian manufactured auto components in the international markets."*

The event witnessed over 800 B2B meetings booked by buyers & sellers, manufacturer's displayed product portfolio and tried to understand requirement of the buyers. As a unique feature this time meetings were scheduled through online software, sent to all buyers & sellers with separate login id code.

The success of the event could be gauged by the orders received by the companies, which is estimated to be around USD 6.3\$ mln, whereas the enquiries generated were estimated to be around USD 10\$ mln.



# WESTERN REGION

## CONFERENCE ON ROBUST SUPPLY CHAIN (CHALLENGES & OPPORTUNITIES)

ACMA, Western Region, organised conference on 'Supply Chain - Challenges & Opportunities' on 15th October, 2019 at Pune. The conference was focused on the changing landscape of the Indian Vehicle Industry & its expectations from the Component Sector. It specifically delved upon 'Changing Trends in Automotive Supply Chain' with a thrust on OEMs and expectations from suppliers on quality & technology.



Several industry leaders and eminent speakers addressed the participants on the subject. A panel discussion on 'How to survive in an uncertain environment' through panel comprising experts from OEM, component and knowledge partner was also organised.

The Conference was specifically aimed at: Senior / Middle management personnel of the large companies, purchase/supply chain/project heads of large companies, plant heads / production heads / export heads of large & medium companies, CEOs of the MSME companies and other industry representatives.

Highlight of the Conference:

Sessions was organised on the following topics:

- Finance & Technology, where the speakers from Mahindra Financial services talked about financial strategy, Mogli Labs talked on Transforming Supply Chain in the Digital Era & Multi Commodity Exchange.

- How to Survive in an Uncertain Environment”
- Chaired by Mr. Rangar , the panel member include one each from OEM- Mahindra , Component – Anand automotive and Knowledge partner - Ernst & Young
- Focused on Supply Chain for e-Mobility in India: KPMG made the presentation.

**Following speakers from the industry and knowledge partner addressed the participants and made presentations:**

**Automobile Industry (OEMs)**

- Mr. Kalpesh Pathak, Sr. Vice President – SCM & BD Fiat India Automobiles Private limited
- Mr. Sandeep Naik, General Manager-Supply Chain Head, Mahindra Vehicle Manufacturers Ltd.

**Component Industry**

- Mr. Dinesh Doundkar , Associate Vice President , Finishing Dept. (Processing), Bharat Forge Ltd.
- Mr. Abhay Soman, VP Corporate Materials , Anand Group
- Mr J S Rangar, Chairman Supply Chain Committee, ACMA & Managing Director Stork Rubber Products Pvt. Ltd.

**Support Service Industry**

- Mahindra & Mahindra Financial Services Ltd.
- Mogli Labs (India) Private Limited
- Multi Commodity Exchange Of India Ltd.

**Knowledge Partner**

- Mr. Sandeep Dahiya, Director – Performance Improvement , Ernst & Young India
- KPMG

**VISIT TO & INTERACTION WITH SUZUKI MOTOR**

ACMA, Western Region, felicitated visit & interaction with Suzuki Motor Gujarat Pvt. Ltd., on 23rd October 2019 at Ahmedabad, Gujarat.



14 member delegation interacted with senior officials of Suzuki Motor. The senior officials include Mr. Takahashi Shigenobu, Head – HR, Mr. Vikram Sarin, Dy. Plant Head – Line A and Mr. Atul Jain, Dy. Plant Head –Line B.

During interaction the prevailing industry scenario was discussed. SMG officials mentioned that 3rd plant extension is little bit slowed but it is on.

Members witnessed high automation and best practices at the Plant.

**VISIT TO & INTERACTION WITH CASE NEW HOLLAND CONSTRUCTION EQUIPMENT INDIA**

ACMA, Western Region, organized a visit & interaction with Case New Holland Construction Equipment India Pvt. Ltd on 7th November, 2019 at Pithampur, Madhya Pradesh.

The delegation of 17 member visited & interacted with senior officials of Case New Holland Construction Equipment India Pvt. Ltd. The senior officials include Mr. Satendra Tiwari, Plant Head, Mr. Mukesh Chaudhary, Head – Purchasing and Mr. Rajesh Sherlekar, Supply Chain Head.



Presenting the overview Mr. Tiwari, mentioned that CASE India has won Best Company in Earth Moving Equipment, Best Company in Road Construction Equipment, Best Construction Equipment Company in Quality, Innovation & Service categories and Hall of fame excellence at the CIA WORLD Construction & Infra Awards 2019.

He further explained the prevailing industry scenario, production & supply scenario. He helped visiting members witness high level of automation and best practices undertaken in the CASE Plant.



## SOUTHERN REGION

### MEETING WITH SKILL SECRETARY DR. S SELVAKUMAR,

ACMA, Southern Region, along with members of Automotive Skill Development Council (ASDC) met Dr. Selvakumar, Skill Secretary, Govt. of Karnataka to discuss areas of collaboration between ASDC and Govt. of Karnataka on 18th October, 2019.

Mr. F.R Singhvi, Member, Executive Committee, ACMA and Mr. Nikunj Sanghi, Mr Arindam Lahiri & Mr Arun Lakshman from ASDC, were part of team who met Mr. Selva Kumar.

Mr. Selvakumar, was given a detailed presentation about various ASDC, programs that are currently being conducted for the automotive value chain including the mechanics for the dealerships.

Mr. Singhvi, further gave information about the online assessment with the help of TCS, a digital solution provider, which is conducted in a transparent manner.

Mr Arindam Lahiri, further spoke about how Maruti, in Haryana has taken over a Govt. ITI and running a vocational training centre. In this model the skill is introduced at School level and then are offered counselling and apprenticeship to prepare them for the industry.

Mr Anil K Unni, spoke about ACMA activities and requested for support for the proposed Skill Olympics and other skill related initiatives of ACMA.

The Secretary was very receptive and mentioned that the Government would consider supporting the initiatives. He also advised his team to explore space options for a Centre of Excellence for skilling initiatives.

### ACMA, SIAM COMMITTEE VISITS AT IIT- MADRAS

ACMA, committee members along with SIAM, members visited IIT-Madras, Research Park, to explore opportunities to engage with start-ups in the technology space at the campus on 29th November, 2019 in Chennai.

The members from both the organization meet number of start-up companies, who are working out of IIT campus like; Team form Saint Gobain, who have set up research Centre, Gyan Data, whose expertise in the areas of Data science, Automobile, IoT, Manufacturing Analytics (descriptive, predictive & prescriptive), and Training etc., E-vee and the industrial research center – Advanced Manufacturing & Technology Development Center (AMTDC).

Before that CIO of IITM, Mr. Ramesh Santhanam, Chief Innovation Officer, made presentation for the visiting team to describe Research Park and its ecosystem. He mentioned that the research park model enables assistance for the companies in the Park, by faculty in the concerned field of expertise of IITM in a cost effective model.



The Digital team of SIAM & ACMA met to discuss, way forward on the Digital Transformation for the Auto industry. Which were recommendations by AT & Kearney Study, it was decided to take these recommendations and work on them.

The ACMA Digital team also met and discussed activities and initiatives to be planned for 2019 and 2020. The team agreed on a number of initiatives like, Digital Transformation, Online Catalogues, Start-up Pavilion and engagement with NASSCOM on the Digital Journey for members.

The Committee members appreciated, ACMA, for organizing such a unique initiative and understand the activities of IIT Research Park and how it could benefit them.

## 3

EDUCATION/ SKILLING /  
TRAINING/ MENTORSHIP

## EASTERN REGION

DAY-LONG SESSION ON OCCUPATIONAL  
HEALTH & SAFETY MANAGEMENT

ACMA, Eastern Region, organized one day session on Occupational Health & Safety Management on 12th October, 2019 at the Centre for Excellence, Jamshedpur.



The objective the session was to ensure that safety & health management at every work space is followed religiously. Accidents

and ill-health cases are due to failures and deficiencies in the occupational safety and so, it is the most vital aspect that cannot be ignored.

**Mr. Ajay Ranjan**, Executive Manager, HSE, Tata Cummins Pvt. Ltd, Jamshedpur, was the faculty for the session. He undertook various sessions with the help of multi-media and examples, discussed the following topics in detail:

BBHSE- Under behavioural safety, he discussed the following unsafe acts:

- Indifference (lack of concern or interest)
- Lack of knowledge -inexperience
- Poor work habits -lack of job training
- Physical limitation and fatigue
- Rushing
- Laziness
- Horseplay
- Loss of emotional control -red mist
- Deliberate malicious or criminal acts

The program was attended by twenty delegates and was well appreciated.

ONE DAY SESSION ON "COST AWARENESS  
AND COST REDUCTION",

ACMA, Eastern Region, organized one day session on Cost awareness & Cost Reduction on 29th November, 2019 at the Library Hall of Centre for Excellence, Jamshedpur. The objective of this training was to; help in eliminating unnecessary process steps, inventory, components and warranty work and to offer key solutions that help reduce expenses, increase productivity and provide overall systems savings.



Mr. T. Soma Sundaram, GM, Operations excellence leader and **Mr. Anupam Krishna Tripathy**, Executive Manager, Six Sigma Black Belt from Tata Cummins Pvt. Ltd, Jamshedpur were the faculty members for the training session.

Topics Covered by **Mr. Sundaram** were; Important Financial

Statements, Typical cost structure, Sunk Cost, Ways for reducing cost, What is Cost Management, Cost of Quality, Cost of Operation, Cost of Maintenance, Seven steps for sustainable cost reduction and Understand Cost Saving Techniques.



While, **Mr. Tripathi explained the different types of cost drivers like;** Process Cost, Raw material cost, Interest rate increase cost, Currency conversation rate impact cost, Inventory cost, Wastage cost and Maintenance Cost.

He explained why value engineering is necessary to reduce design cost. He took the help of video on Charlee Chaplin, and explained that machines are not always perfect and it might also create damages.

**The take home points for the delegates were:**

- Any value that we can charge our customer is cost otherwise it is waste.
- Cost structure, Total cost, Sunk Cost.
- Cost drivers.
- Different Cost minimization ways.
- Cost Management- Value > Price > cost
- A road map is very important for the sustenance of the cost reduction.

Encouraging feedback were received from the 30 delegates who attended the program.

## NORTHERN REGION

### DAY LONG TRAINING PROGRAM ON 'AIAG – VDA FMEA'

ACMA, Northern Region, organized a day long training program on 'AIAG – VDA FMEA' on 15th October, 2019 at New Delhi. The AIAG-VDA FMEA has updated the standard, it is one of five core tools APQP, FMEA, SPC, MSA & PPAP, which have been quite popular in the automotive and other allied Industries.

Mr. Arun Sharma, with experience of more than a decade in corporate training was the faculty for the training program. He covered the following topics: Benefit of FMEA, Types of FMEA, Elements of FMEA, 7 Step Approach DFMEA / PFMEA as per AIAG-VDA FMEA, Risk Analysis - Severity, Occurrence, Detection, and Action Priority, Linkage between PFD & PFMEA, Overview of IATF

16949: 2016 Requirements & 5 Core Tools; Overview of 5 Core Tools & Interrelationship (APQP, PPAP, FMEA, SPC, MSA); DFMEA-Detailed Understanding of DFMEA ; DFMEA- Practical Approach to perform DFMEA; PFMEA- Detailed Understanding of PFMEA; Severity Occurrence & Detection ranking criteria, Recommended action for RPN and PFMEA- Practical Approach to perform PFMEA.



He explained there are popular formats of FMEA, the one promoted by AIAG (Automotive Industry Action Group) and the other format used by VDA (Verband der Automobile industry) in Germany.

On 3rd June, 2019 a new standard is launched with efforts of AIAG & VDA to standardize the two different FMEA methods which results into a single handbook called AIAG-VDA FMEA, he further added.

This new AIAG-VDA FMEA follows a seven-step process for both DFMEA and PFMEA. It links the system, sub-system, and components, in other words, it basically links the failure-mode of the element in the focus, with the customer or system at the higher level and the component or supplier at the lower level.

The faculty showed practical examples, discussed case studies, showed technical videos and concluded the session with question & answer session.

### ONE DAY TRAINING PROGRAM FOR TRAINING THE TRAINERS

ACMA, Northern Region, organised training program for the members of Delhi NCR zone, to Train the Trainer on 19th November, 2019 in New Delhi. The objective of the program was to lay down Fundamental of becoming a trainer, how to run training course, delivery of training and other parameters of being a trainer.







Mr. Balraj, a certified trainer with more than two decades of experience, took the different session. He covered following topics during the course; Importance of facilitation skills, Importance of communication & listening skills, Various styles of learning & Training, Qualities of a Good presenter/trainer, How to connect with audience – QBD, Query handling, Role plays, Energizers & Storytelling, Verbal & Non-verbal Aspects and Ways to manage Stage Fears.

The session enabled experienced personnel, how to deliver courses, workshops & seminars, help build pool of competent instructors, who could take the technical teaching efficiently.

Conclusively, the training turned out to be a meeting point amongst the participants, who exchanged various innovative ideas, implemented at their training facilities.

## SOUTHERN REGION

### QUIZ PROGRAM ON QUALITY, SAFETY AND 5S

ACMA, Southern Region (Karnataka & Hosur Zone) organized Quiz Competition on Quality, Safety and 5S on 18th October, 2019 at ACMA office in Bangalore. The competition was held in continuation of efforts to create new platforms for learning & sharing information on industrial concepts.

The Quiz master was Mr. K S Madhavan, Founder Chairman of Shingo Institute of Japanese Management at Bangalore.

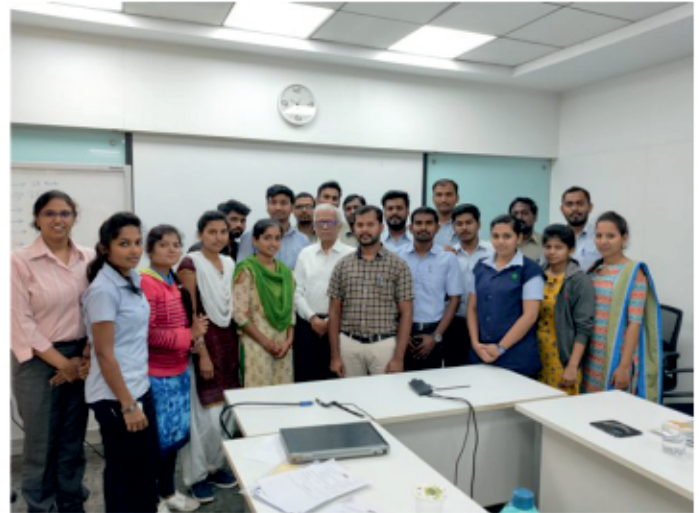
A total of nine teams, having 18 participants participated in this Quiz. The Quiz included a written test, which was a combination of objective type, true/ false or short answers, followed by verbal quiz rounds, Rapid fire and Round Robin.

A total of two rounds of round robin and four questions for each team in the rapid fire was planned. Scoring was done live, to ensure transparency.

Participating were awarded certificates. The winners were awarded with winner certificate & gifts.

The winning team includes -

|                          |                          |
|--------------------------|--------------------------|
| 1 <sup>st</sup> Position | Gabriel India Ltd.       |
| 2 <sup>nd</sup> Position | Sansera Engineering Ltd. |
| 3 <sup>rd</sup> Position | Gabriel India Ltd.       |



Overall these competition brings teamwork & competitive spirit among the participants which helps in building their confidence level.

### 2<sup>nd</sup> ZONAL LOW COST AUTOMATION COMPETITION

ACMA, Southern Region, organized much acclaimed second Zonal Low Cost Automation (LCA) Competition on 19th October, 2019 at Hotel Crescent Park. A total of eight teams, having 18 participants, participated in the contest.

The jury included Mr. Anurag Srivastava, DGM Manufacturing,



Yamaha Motors Pvt. Ltd. & Mr. B Palaniappan, Consultant, who evaluated & guided the contestants through their questions & suggestions.

During the Valedictory Session, Mr J Sridhar, mentioned that there is no substitute for LCA. In a highly competitive environment, where prices are driven by market. LCAs would continue to play a major role, that would showcase the frugal engineering approach & mindset, he opined.



He also thanked the management of the member companies and

that of the observers for having deputed people to learn and participate despite the slowdown, thereby reinforcing their commitment on improving their Human Assets.



The participants mentioned that the competition gave many implementable ideas with fairly high rate of learning that would help them to improve.

Winners were decided on the basis of Jury scores. All together three teams were adjudged winners:

| Position        | Company                    | Representatives                                   |
|-----------------|----------------------------|---|
| 1 <sup>st</sup> | WABCO India Limited        | Mr. Pandirajan<br>Mr. S Sivabalan                 |
| 2 <sup>nd</sup> | J K Fenner (India) Limited | Mr. Veeramani Kandan<br>Mr. N K Harshal           |
| 3 <sup>rd</sup> | Sundaram Clayton Limited   | Mr. Alok Kumar, Mr. V Mohan,<br>Mr. B Krishna Raj |

## SOUTHERN REGION

### TWO DAY WORKSHOP ON 'LEARN COST REDUCTION VIA VALUE STREAM MAPPING'

ACMA, Western Region, organized two day workshop on '**Learn Cost Reduction, using Value Stream Mapping**' on 22nd to 23rd October, 2019 at Pune. The workshop aimed to help participants on how to reduce cost of a product, while preserving its value, using the concept of 'Value Stream Mapping'.

Mr. Vishal Singh, Master in Production & Materials Management, conducted the workshop. He held session through the combination of classroom sessions, experiential Learning & case study.

#### The content of workshop included:

- Help participants to understand the value and cost associated with a product
- Learn how to quantify and identify value and costs associated with the product.
- Learn how to reduce the cost using the concept of value stream



mapping

- Understand how to design future process having less cost.

The workshop was attended by Managers from improvement cell/department, Value Stream Managers, Production Managers, Team leader/supervisor and Managers- Operations department.

## VISIT & INTERACTION WITH CAPARO ENGINEERING INDIA LTD.

ACMA, Western Region, organized visit and interaction with Caparo Engineering India Ltd. on 23rd October, 2019 in Gujarat. The visit was organized to provide opportunity for its members, to learn more about best manufacturing practices and advance technology to stay competitive.



The 14 member delegation interacted with senior officials of Caparo. The senior officials include Mr. Partha Pratim Shome, Plant Head and Mr. Suraj Prajapati, Production head.

Members witnessed best practices such as Kaizen, Poka-yoke and LCA implemented at the shop floor.

## VISIT TO & INTERACTION WITH 'MAHLE ENGINE COMPONENTS INDIA PVT. LTD.'

ACMA, Western Region, organized visit & interaction with MAHLE Engine Components India Pvt. Ltd on 7th November, 2019 in Pithampur, Madhya Pradesh.



The visit was organised to provide opportunity for member companies to learn more about best manufacturing practices and advance technology which helps a company to sustain in the competitive world.

Addressing the visitors, Mr. Venkat Reddy, Plant Manager, informed that MAHLE is a leading company in automotive and engine industry. MAHLE offers unique systems and competence in the areas of engine systems, filtration, electrics/mechatronics, and thermal management.

The MAHLE Group ranks among the top three systems suppliers worldwide, and has a presence in all major world markets. In the original equipment industry MAHLE provides technologically innovative solutions for automotive, commercial vehicle, machinery, and other industrial applications.

The 17 member delegation interacted with senior officials and witnessed practices such as Kaizen, Poka-yoke, LCA implemented at the shop floor.

### TRAINING PROGRAM ON 'WORKSHOP ON 'LEAN IS FOR INNOVATION'

ACMA, Western Region, organized training session on 'Lean is for Innovation' on 13th November, 2019 at Ahmedabad. The event was held to let the participants understand 'Lean Innovation' at the enterprise level.

The training was conducted by Dr. Paresh M Kariya, Founder & Director Asian Institute of Quality India. He defined that 'Lean Innovation' as "reducing waste in discovery, creation and delivering of new value to customers".

The objective of the training was to understand; Application of Lean Innovation to improve processes and eliminate waste and to build knowledge & the qualities most needed to provide data driven leadership to improve efficiency & profitability of organisation.

The sessions was aimed for at all levels of Executives, Officers and Managers from different functions.

### TWO DAY WORKSHOP ON 'MAKING PRESENTATIONS WITH IMPACT'

ACMA, Western Region, organized two day long workshop on 'Making Presentations with Impact' on 14th to 15th November, 2019 in Pune.

The session was organised with an aim to present a platform, where one can learn how to use Power-Point effectively, and all the techniques of making presentations. The workshop also taught the participants, on how to overcome the stage fear.

The program was conducted by Ms. Trupti Shrimali, a MBTI certified practitioner, Behavioral facilitator and consultant.

Following exercises and topics were discussed and taught to the participants:

#### Day – I:

- Presentation skills – Identify what holds you back and why are presentations with impact critical?
- Fear of presentations and overcoming fear?
- Creating 'Sticky' and 'Engaging' presentations
  - o Know your Audience
  - o Material for presentations – Content and Context
  - o Opening and Closing the presentation
  - o Structure of the presentation
  - o Time Management
- Maintaining Interest: Audience involvement techniques
  - o Anecdotes/ Analogies
  - o Verbal and Non-verbal communication – Voice, Eye contact and Body language
- Creating PowerPoint Presentation – 'Avoid death due to slides'
  - o Using other Visual Aids – Laptops, LCD, Video clips etc.
- Tools in PowerPoint

#### Day – II:

- Using different types of Visual Aids: Projected and Non – Projected aids
- Tools and Techniques for "High Impact Close"
- Individual presentations of 5 to 7 minutes each
- Action plan and conclusion. Capture Learnings from workshop on Presentations skills



Participant were told to make the presentation of about 5 to 7 mins. Video of each participant presenting their topics was recorded to 'Feel the difference' within the workshop itself.

After the completion of each individual presentations, Ms. Shrimali, shared the feedback and highlighted individual's positive points and where one has room for improvement.

A total of 14 participants attended the workshop and feedback received stayed encouraging.

### 1<sup>ST</sup> INDOOR GAMES COMPETITION IN GUJARAT ZONE

ACMA, Western Region, in one of its unique initiatives organized 1st Indoor Games Competition on 24th November, 2019 at Ahmedabad. **The competition was held for the games likes; Carrom, Chess, Badminton and Table tennis.**

The games were held to strengthen the bonding among members, colleagues and peer group.

Overwhelming response was received from the participants, in total over 42 players participated for different category of games.

Following were adjudged winners:

**Badminton:**

| Position        | Name                     | Company Name                                |
|-----------------|--------------------------|---|
| 1 <sup>st</sup> | Rityunjay Singh Sikarwar | Subros Limited                              |
| 2 <sup>nd</sup> | Durga Prasad             | Krishna Grupo Antolin Pvt Ltd               |
| 3 <sup>rd</sup> | Rubhashankar S           | Faurecia Automotive Seating India Pvt. Ltd. |

**Table Tennis:**

| Position        | Name                  | Company Name                           |
|-----------------|-----------------------|--|
| 1 <sup>st</sup> | Mr. Deepak Rajput     | Krishna Maruti Limited (Seat Division) |
| 2 <sup>nd</sup> | Mr. Utkarsh Singh Rao | Krishna Maruti Limited (Seat Division) |

**Chess:**

| Position        | Name                      | Company Name                           |
|-----------------|---------------------------|--|
| 1 <sup>st</sup> | Mr. Prakash Kumar Khuntia | Krishna Grupo Antolin Pvt. Ltd.        |
| 2 <sup>nd</sup> | Mr. Saroj Kumar Sahoo     | Subros Limited                         |
| 3 <sup>nd</sup> | Mr. Kishore Pathade       | Krishna Maruti Limited (Seat Division) |



**Table Tennis:**

| Position        | Name           | Company Name          |
|-----------------|----------------|-----------------------|
| 1 <sup>st</sup> | Ms. Disha Jain | SETCO Automotive Ltd. |



ACMA, Northern Region, HR Initiative organised 'Session on Revised Compliances on 7th November, 2019 in Gurugram. The session was held to update the HR fraternity about the Government's updated regulatory framework for the industry.



22r. Chandan Sengupta, CHRO, Sandhar Technologies Ltd. took session on the Revised Compliances.

**Following topics were covered during the session:**

- The Factories Act, 1948 (Haryana Amendment, 2018)
- Ease of Doing Business in Haryana
- The Punjab Shops and Commercial establishment Act, 1958
- Haryana State Pollution Control Board
- The Punjab Labour Welfare Fund Act, 1965
- The Employees State Insurance Act, 1948
- The Payment of Gratuity Act, 1972
- The Employee's Provident Fund Act, 1952
- Sexual Harassment of Women at Workplace Act, 2013
- The Maternity Benefit Act, 1961
- Code on Wages, 2019
- The Apprentices Act, 1961

As an outcome of this session, members came to know about the various revised compliances which can be implemented in their companies.

## Young Business Leaders Forum (YBLF)

### VISIT TO MINDARIKA & RSB TRANSMISSIONS

ACMA, Young Business Leaders Forum, organised visit to Mindarika Pvt. Ltd. & RSB Transmissions (I) Ltd. on 25th & 26th November, 2019 in Pune. The visit coincided with the ACMA Technology Summit on the same dates.



On the visit to Mindarika plant, Mr. Nirmal Minda, Advisor, YBLF and Chairman & Managing Director, Minda Industries Ltd. Showcased state-of-art plant and gave brief detail about the operational techniques and processes involved to maintain the plant.

While on 26th, Mr. Nishit Behera, Director, RSB Transmissions showed the delegation Industry 4.0 in action, at his plant and also discussed about the challenges & counter measures to overcome the slowdown.

The highlights of the visits was:

- Mindarika Pvt. Ltd.
  1. Operational Excellence through multiple factors like:-
  2. Shop Floor Improvements
  3. Cost Reduction
  4. Employee Involvement
- RSB Transmissions (I) Ltd.
  1. RSB's Deming journey
  2. Managing the downturn
  3. Productivity improvement through connected machines

#### 4. Preventive maintenance through machine learning

The visit to both the plants was highly appreciated by the visiting delegates.



# MEMBERS ROOM

## NORTHERN REGION Ordinary Membership

**Global Automotive Components**  
Plot No. 156, Sector-16, Industrial Estate,  
HSIIDC, Bahadurgarh-124507,  
Dist. Jhajjar, Haryana

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Cylinder Head

**Paradise Industrial Corporation**  
D-8, Site C, Sikandra Industrial Area,  
Agra – 282007, Uttar Pradesh

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Pistons & Rings  
Certification to ISO 9000 & QS 9000:  
ISO 9001:2015 by URS

**Trac Auto Transmission**  
Plot No. – 48, Sector-4, IMT Manesar,  
Gurgaon, Haryana

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Window  
Regulator  
Certification to ISO 9000 & QS 9000:  
IATF 16949:2016 by URS  
ISO 90001:2015 by URS

**Shiv Gorakh Engineering Works LLP**  
Khasara No. - 1944/1/2, 1944/2/2/1,  
Tirupati Udhyog Vihar, Kaladera,  
Chomu, Jaipur – 303801, Rajasthan  
(India)

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Automotive Engg.  
& Assy Parts  
Certification to ISO 9000 & QS 9000:  
IATF 16949:2016 by TUV Nord  
ISO 9001:2015 by TUV Nord

**Jaycee Castalloys Private Limited**  
E-8, M.I.I.E., Red Cross Road,  
Bahadurgarh-124507

SSI/Large & Medium/Etc.: Large  
Products Manufactured: Housing Rear Axle  
Brake, Front Axle Hub, Break Housing,  
Clutch Housing, C.I. Ring, Exhaust Manifold,  
and Cylinder Block.  
Certification to ISO 9000 & QS 9000:  
ISO 9001:2015 by QUALITYAUSTRIA  
ISO 9001:2015 by TUVRHEINLAND

**Plastometal Engg (I) Pvt Ltd**  
F-32, Sector-6,  
Noida-201301

SSI/Large & Medium/Etc.: Small  
Products Manufactured: PVC Caps,  
Couplers & Terminals.

## WESTERN REGION Ordinary Membership

**Nitesh Auto Engineering Pvt. Ltd.**  
W-6g(A), MIDC Ambad,  
Nashik-422010

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Fuel Injected Parts,  
Piston Rods, Roller, and Pressure Control  
Equipment.

## SOUTHERN REGION Ordinary Membership

**Sun Mobility Private Limited**  
Plot No. 25, Ground Floor, White Field  
Main Road, Mahadevapura Post,  
Doddanekudi Industrial Area,  
Bangalore-560048

SSI/Large & Medium/Etc.: SSI  
Products Manufactured: Retrofit kit for  
swappable batteries, Dock for Swappable  
Battery.

**Seinsa Autofren India Pvt. Ltd.**  
Plot No: C-6, C-7, Phase 1, MEPZ,  
Special Economic Zone,  
Tambaram, Chennai-600045  
Tamilnadu

SSI/Large & Medium/Etc.: Medium  
Products Manufactured: Dust Cover, CV  
Boot, Rubber to metal bonded parts.  
Certification to ISO 9000 & QS 9000:  
IATF 16949:2016 by TUV NORD

**Powermax Rubber Factory**  
38/10, Thandavarayan Street,  
Royapettah,  
Chennai-600014

Products Manufactured: Tyres & Tubes  
Certification to ISO 9000 & QS 9000:  
ISO 9001:2015 by BMS CERT  
ISO 17025:2005 by RBS



**TO ALL NEW MEMBERS**

