

SHAPING THE

# NEW NORMAL

ANNUAL REPORT 2019-2020

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**ACMA**

Automotive Component Manufacturers  
Association of India



# SHAPING THE NEW NORMAL

ANNUAL REPORT  
2019-20

**ACMA**

AUTOMOTIVE COMPONENT MANUFACTURERS  
ASSOCIATION OF INDIA



# SHAPING THE NEW NORMAL

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## MOVING BS IV to VI

The auto industry in India has risen admirably to the challenge of moving directly from BS IV to VI in a short span of time, covering barely three years. This fast-paced transition was made possible through a determined & focused collective approach across the entire automotive supply chain, that warranted not only considerable utilization of management time but also considerable financial investments.



## PRESIDENT'S MESSAGE

Dear Friends,

In a business environment filled with challenges, 2019-20 has been all about resilience and confronting adversities against all odds by the Indian auto-component industry. I am privileged to have had the opportunity to lead the association during this very critical phase and thank all ACMA members and stakeholders for their support to effectively execute our plans during the year.

Let me begin on a positive note. Clearly, the auto industry in India has risen admirably to the challenge of moving directly from BS IV to VI in a short span of time, covering barely three years. This fast-paced transition was made possible through a determined and focused collective approach across the entire automotive supply chain, that warranted not only considerable utilization of management time but also considerable financial investments.

A prolonged period of demand slowdown coupled with the outbreak of COVID-19 has put the entire automotive value chain into a disarray. In the immediate aftermath of COVID-19 since March 2020, the industry witnessed nil production and nil revenue for close to two months, a fact unheard of in the history of the Indian automotive sector.

Fortunately, as I put down my thoughts, green shoots are emerging once again, bringing hope that in not too distant a future it will be business as usual.

As we navigate through these challenging times, the 'new normal' in the auto industry demands significant prudence in resource utilization on the part of all the stakeholders across the supply chain. The lockdowns also exposed the vulnerability of over-reliance of global supply chains on one region of the world i.e. China. The auto-industry is no exception. It is imperative, going forward for the auto-industry across the world, including ours, to focus on de-risking the supply chain.

In India, automotive market demand had already started ebbing through 2019-20. According to the data released by the Society for Indian Automobile Manufacturing (SIAM), domestic Indian automotive production decreased by (-)14.7% to 26.3 million vehicles including Passenger Vehicles, Commercial Vehicles, Three Wheelers, Two Wheelers and Quadricycles, while the sales of all vehicle put together declined by (-) 18%. This was caused primarily due to a widespread economic slowdown in the country coupled with increase in vehicle prices due to adoption of new safety and emission standards. The post COVID complete economic lockdown has further adversely impacted domestic demand. Initial estimates by SIAM suggests that there will be a 25%-35% decline in sales of vehicles across categories through 2020-21.

Given the backdrop, the domestic auto-component

industry was adversely affected too. The sales of the auto component industry declined by (-)11.7% to USD 49.2 billion, while exports contracted by (-) 3.2% to USD 14.5 billion during the fiscal. While sales declined across all segments of the industry, aftermarket market, with growth of 2.8%, to a certain extent cushioned the widespread market contraction.

Going forward, the component industry's performance is expected to return to pre-COVID levels by the festive season should the ramp-up be not stymied by lockdowns in manufacturing zones and lack of availability of manpower. Further, to allow for uninterrupted production in the automotive value chain, despite local lockdowns, ACMA has recommended to the



Government to accord 'continuous production industry' status to the automotive industry.

While the times are very challenging, I continue to be optimistic about 'India's Opportunity'. The auto-component industry has gone through trying times before. There was a severe downturn in the aftermath of the global economic meltdown in 2008, and a slowdown in 2014. Collectively, we overcame those challenging times. And, I am confident, this time too, together we will drive, an industry wide revival overcoming all these obstacles. ACMA has and will continue to play a significant role in helping the industry maneuver out of the present crisis.

The way forward will require strong industry-wide collaboration and proactive deliberations and policy led support from the Government of India (GoI). To begin with, there is an urgent need to create demand. Across the world, governments have been stepping in with stimulus packages to primarily create demand across their economies. While exports will play a critical role, a strong bedrock of domestic market demand is essential for the turnaround of the India auto component sector.

In terms of lessons for all of us - members of ACMA - this is a great time to look inwards. It is a time to see how to optimize operations, critically analyze our businesses, focus more on quality and how to become leaner and cut flab. These internal factors often get overlooked in the growth phase as then there is always a pressure of delivery.

Another important aspect that companies in the sector need to focus on is developing its people — skilling, up-skilling and re-skilling. We need to analyze the skills portfolio of our people very critically and make sure that they are ready for the next phase of the growth cycle. The next phase of growth will be driven to a large extent by adoption of new technology and we will need to ensure that our people are prepared to meet the tech driven consumer-expectations.

I am happy to mention that ACMA is actively playing a role to support its members on these fronts.

ACMA continued to engage with Government, from central ministries to local agencies to strive for creating an enabling environment for the industry to revive and re-establish growth. The announcements by Hon'ble Finance Minister as also by the RBI, in the wake of lockdown, to infuse liquidity, revision in definition of MSMEs, among others, are a strong pointer to the Government having taken note of the precarious situation in the industry.

Among the events and activities held in the year gone by, clearly the 15th edition of Auto Expo 2020 Components, organized jointly by ACMA, CII and SIAM at Pragati Maidan in New Delhi stands out. Despite a downturn year, the event was the largest ever, it saw over 1,500 companies from 20 different countries exhibiting their latest products and solutions. Around 400 companies launched over 1,200 new products that highlighted the industry preparedness to support the transformation in automotive pace.

During the course of year, several events including international delegations, cluster programs, trainings,

workshops, regional exhibitions were organized by the five pillars and regional chapters of ACMA that dealt with subjects of topical interest to the Indian auto-component industry.

Another key highlight during the lock down period has been our heightened interaction with the OEMs, in fact interactions with over 10 key top OEMs leaders were held in a short span of three months, helping the industry get a much better grasp of the situation and direction for the future.

From an internal perspective of ACMA as an association, I have made all efforts to make the body more inclusive, more responsive and more engaged and communicate effectively with all stakeholders. I believe we have moved in the right direction on all these fronts and will continue to emphasise on doing so, as it is only through unison and a cohesive approach that we can get out of the present challenges confronting the industry.

I firmly believe that the long-term prospects of the Indian auto component industry continue to be bright, especially with focus of the Government on 'Atma-nirbharta' and global competitiveness of the industry. The auto component industry and the vehicle industry are closely working together towards 'deep-localisation' and import substitution, which will result in higher value-addition by the auto component manufacturers making the sector exports competitive

Finally, as the 1st year of my term as President, ACMA comes to an end, I would like to acknowledge the support of the Governments at the Centre and States, who have been extremely receptive to ACMA's suggestions and inputs. I am particularly grateful to the Ministry of Heavy Industry and Public Enterprises, our nodal ministry, for its unstinted support and guidance. This would be the opportune time to place on record my appreciation for the support extended to us by CII, FICCI, SIAM, IMTMA and other industry bodies.

I would like to thank all our members for their unwavering support. I would, especially, like to thank the Vice President, the Regional, Committee and Zonal Chairpersons, the Past Presidents, and our Executive Committee members for their guidance and involvement. I also appreciate and applaud the efforts and support provided by the ACMA Secretariat.

I am confident that as an industry we will rise to the challenges and with the support of all stakeholders emerge stronger than ever before.

Best Wishes  
**Deepak Jain**





## INDUSTRY 4.0 AND DIGITISATION

Automation and adoption of data exchange in automotive manufacturing chain is fast gaining ground in India. Cyber-physical systems, Internet of things, cloud computing and cognitive computing are in varied stages of adoption. These technologies have the potential of transforming the production scenario in the 21st century by promoting a 'connected shop floor' where data is collected from various sensors and other input devices and can be used for predictive maintenance, better control and long-term analysis thus mitigating risk.

## DIRECTOR GENERAL'S MESSAGE

The Indian auto component industry spans across different geographies of the country and is a large, integrated, complex network of suppliers. Today, it contributes 2.3% of the country's National GDP, 25% of the national Manufacturing GDP and employs over 5 million people. The turnover of the industry in 2019-20 stood at USD 50 billion, declining (-) 11.6%, with USD 14.5 billion in exports to almost all of world's leading vehicle manufacturers and Tier 1s. This speaks of its strong capabilities and global competence. The industry dominated by SMEs, is one of the key drivers of India's economic growth and the 'Make in India' program.

2019-20 was a particularly difficult year for the industry. Firstly, the automobile sector in India suffered a prolonged slowdown, secondly, the industry had to grapple with a very fast paced transition from BSIV to BSVI emission norms. And lastly, as the year came to a close, industry-wide disruption came about on account of the COVID-19 pandemic. The entire Auto Component industry faced severe hardship on front of cash flow, threatening their survival. During the related lockdown, the industry lost an estimated production loss of Rs. 1,000 – 1,200 crore per day.

Today, a sustained integrated effort by and amongst all key stakeholders - automobile companies, auto-component manufacturers and the Government of India to overcome the present crisis is seeing emergence of green shoots with unlocking of the economy and gradual recovery in vehicular demand. This is indeed very heartening.

The auto-component industry, together with the vehicle is now working closely together on reducing import dependence, including that from China. Today, around 26% of imports for the industry come from China. The auto industry in India has started to de-risk itself and is working on deep localisation. However, the transition will take some time as the cycle time for developing new products and thereafter testing and validating takes a good 2-3 years.

Let me highlight some of the key activities at ACMA during the course of 2019-20.

To get an understanding of what lies ahead for the industry, ACMA organised its Annual Session with the theme - 'Future of mobility, Embracing the Discontinuity' in September 2019. A study on this theme was presented by ACMA along with its knowledge partner McKinsey & Co, which highlighted the disruptions and discontinuities that are reshaping the industry and changing the industry dynamics. It also stressed on what ACMA members and other stakeholders, including the government, needed to do to embrace the changes and grow the business.

The 15th Auto Expo-2020 -Components organised in February this year, in the backdrop of the downturn of the automotive industry in New Delhi, was a harbinger of hope with many firsts, a never before participation by components manufacturers, several new product launches

and the highest number of footfalls ever. With 'Technovation - Discover Innovations for Future', as its theme, the event was a 4-day extravaganza showcasing the technological prowess and capabilities of the auto-component industry. To set the tone of the event, we organised a CEOs' Roundtable Meet on 'Global trends impacting the Indian automotive industry', which saw a congregation of automotive leaders from ACMA's counterparts in USA, EU, Japan, Brazil and UK.

The 5th ACMA Technology Summit held in Pune in November 2019, got national and international experts in technologies



that are shaping the automotive environment of tomorrow, on one platform. There were sessions on future of mobility, green mobility, industry 4.0, electric mobility, artificial intelligence, block-chain, design thinking and autonomous driving. The coveted ACMA awards with a rich heritage since 1966 were also hosted at this event. The Frost and Sullivan study on 'Mega themes for the Future - Opportunities for the Indian Auto Industry' was released at the event, which dwelled extensively on disruptions faced by the global automotive industry.

Continuing with its efforts to create global footprint for its members, ACMA participated in the 'India Automotive Industry Forum and Business Matching Expo' in Japan in May 2019 with over 450 delegates from renowned Japanese automotive OEMs and Tier 1 companies. An ACMA leadership delegation participated in a well organised business match-making event at the 'Korea Automotive Industry Exhibition' in Seoul, South Korea. ACMA's pavilions at the 'Automotive Aftermarket Products Expo - AAPEX' held in Las Vegas, USA; Auto-promotec in Bologna, Italy and Automech Brazil were very well received by our members and international visitors. We also facilitated participation of our members at the world's largest aftermarket show, Automechnika Shanghai and in Auto-Tech Egypt 2019 in Cairo.

iAutoconnect 2019, ACMA's International Reverse Buyers Sellers Meet was one of our marquee events held in September 2019. The event saw participation by over 120 Indian auto-component manufacturers and 178 international aftermarket distributors from over 45 countries. iAutoConnect has today developed into a global platform that provides a plethora of opportunities for the Indian auto component manufacturers to showcase their capabilities to dedicated international buyers.

On the domestic front, the first-ever, ACMA xEV conference and exhibition on 'Localisation of xEV components and charging infrastructure - Opportunities and Challenges' in May 2019 was much appreciated. The event was held in the backdrop of FAME-II scheme and the 'Phased Manufacturing Program' of the Government of India. The 6th ACMA MSME Summit, witnessed in-depth discussions on the opportunities and challenges for the small and medium enterprises in the auto-component sector, as the industry evolves.

To promote adoption of digital technologies in manufacturing, ACMA signed an MoU with the NASSCOM Centre of Excellence - IoT & AI (CoE). Our collaboration is also expected to facilitate innovative product development in the auto component space.

In September 2019, we dedicated two state-of-the-art labs at Saksham, the ACMA Centre for Excellence in Sonipat, to the industry. The Mechatronics lab is focused on imparting skills in the domain of automation and Modular Production Systems (MPS) while the Design lab aims to enable auto component MSMEs for designing and developing new products. We are hopeful that the industry will make use of this infrastructure and benefit from this new initiative.

We continued to make intervention in our member companies for their upgradation on the front of quality and productivity

though our well benchmarked cluster programs. In 2019-20, a total of 115 auto component manufacturers benefitted from 18 ACMA cluster programs. That apart, based on the very positive feedback for the ACMA-UNIDO-DHI project, the Government of India has allocated funding for the second phase of the program. In its first year of the second phase, 105 small manufacturers have benefitted from 17 cluster programs. Under this program, another 50 companies are now enrolled for the e-learning program developed by international experts.

ACMA continues to be well engaged with the Automotive Skills Development Council (ASDC) as a member of its governing council to develop and deliver appropriate skill development curriculum in tune with the changing needs of the industry.

The year also witnessed significant media presence of ACMA, with several interviews and opinion of ACMA leadership and articles in leading national dailies, electronic channels and trade magazines, carrying the voice of the industry to the government and relevant stakeholders. That apart, social media was also effectively used to redouble and reinforce ACMA's media efforts.

I must also mention that with the advent of lockdown, ACMA was adapted well to service its members in a changed and challenging environment. Today, most of our services and events are being delivered on virtual platforms that have, inter alia, allowed our outreach to grow many folds. Over 52 Webinars have been organised during the lock down period; of these 30 were focused on business development and managing the challenges of current environment while another 22 were technical in nature focussed on shopfloor improvement and skilling.

That apart, for ease of access to authentic information by our members and non-members alike, the ACMA website is being updated on a real-time basis with information on validated government notifications from the centre and states, information on best practices and restart manuals by ACMA and OEMs. The ACMA 'Work-from-Home' guidelines, freely downloadable from ACMA's website, has served as an important resource for many of our members in making their own WFH policy.

In conclusion, the year gone by has been one of the most challenging. The auto component industry has displayed remarkable camaraderie and resilience amidst the turmoil and disruption. As growth returns to market, I am very confident that we will be back on track, 'Growth' will once again be the 'New Normal' of us.

At the secretariat of ACMA, we will continue to strive to service our members with aplomb and adapt to their changing needs. I would personally like to thank all my colleagues for their tireless efforts, especially in these challenging times. To all the members and stakeholders including the government, I would like to extend by gratitude for their support. I also place on record my sincere appreciation for guidance and encouragement by the ACMA Past Presidents and our Executive Committee through the year.

Regards  
**Vinnie Mehta**



## DEEP LOCALIZATION & PATH AHEAD!

As we navigate through challenging times, the 'New Normal' in the auto industry demands significant prudence in resource utilization on the part of all the stakeholders across the supply chain. The lockdowns also exposed the vulnerability of over-reliance of global supply chains on one region of the world i.e. China. The auto-industry is no exception. It is imperative that the auto-industry should focus on de-risking and increasing efforts for deep-localization of the automotive supply chain.



## STATE OF THE INDUSTRY

### AUTOMOBILE INDUSTRY

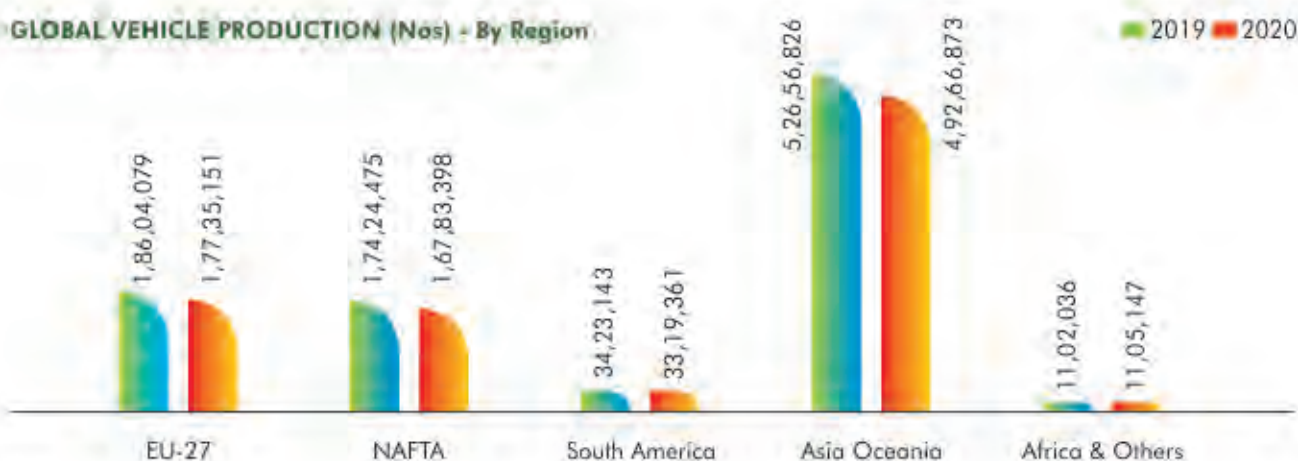
#### GLOBAL MARKETS

After a bleak 2019, which saw a marked decline of more than 5% in world auto production (down to 91.8 million vehicles) and ended 10 years of continuous growth, the world auto industry faced a new, unprecedented challenge during 2020's first months. The corona virus (COVID-19) began its spread just a few months ago, but already presents unprecedented challenges to one of the world's largest industries. Initial impacts began in January, with the shutdown of the largest part of the Chinese industry in general, thereby also creating parts and components

trucks, too, saw a lower dip of (-) 1.4% in global production, while production of buses and coaches reduced by (-)3.3%.

Weakening demand, technological change, stricter fuel emission standards and trade uncertainty may upend trajectories in the global auto sector and pressure profitability and cash flow. While financial profiles are mostly robust, given credit ratios and liquidity has improved since the 2008-2010 auto market downturn, but some carmakers and suppliers are more vulnerable than others to the evolving automotive landscape. During 2020, we expect new vehicle to be under pressure in Europe, due to new emission regulations and cyclical weakness, and fall

#### GLOBAL VEHICLE PRODUCTION (Nos) - By Region



Data Source: OICA

shortages impacting the industry in every corner of the world. The global spread of the virus over the last few weeks also resulted in a shutdown of a large part of the auto industry and its many suppliers around the world.

Taking a step back, there was already a slowdown in 2019. At the regional level, slowdowns were widespread across geographies. In the 27 EU countries as a group production reduced by (-) 4.7% to 17.7 mn vehicles in 2019 with most major countries across the region recording market contraction. The non-EU European countries also witnessed a de-growth in production to the level of (-) 2.2%. Production in NAFTA countries reduced by (-) 3.7% with the world's largest market USA recording a (-)3.7% deceleration in production. Production de-growth in South America was (-)6.4%, while Africa registered mild growth of 0.3%. The fastest growing zone of recent past - Asia Oceania - registered (-) 6.4% with the large production hubs of China (-) 7.5%, India (-) 12.2% and Japan (-) 0.5% recording lower production numbers in 2019 compared to 2018.

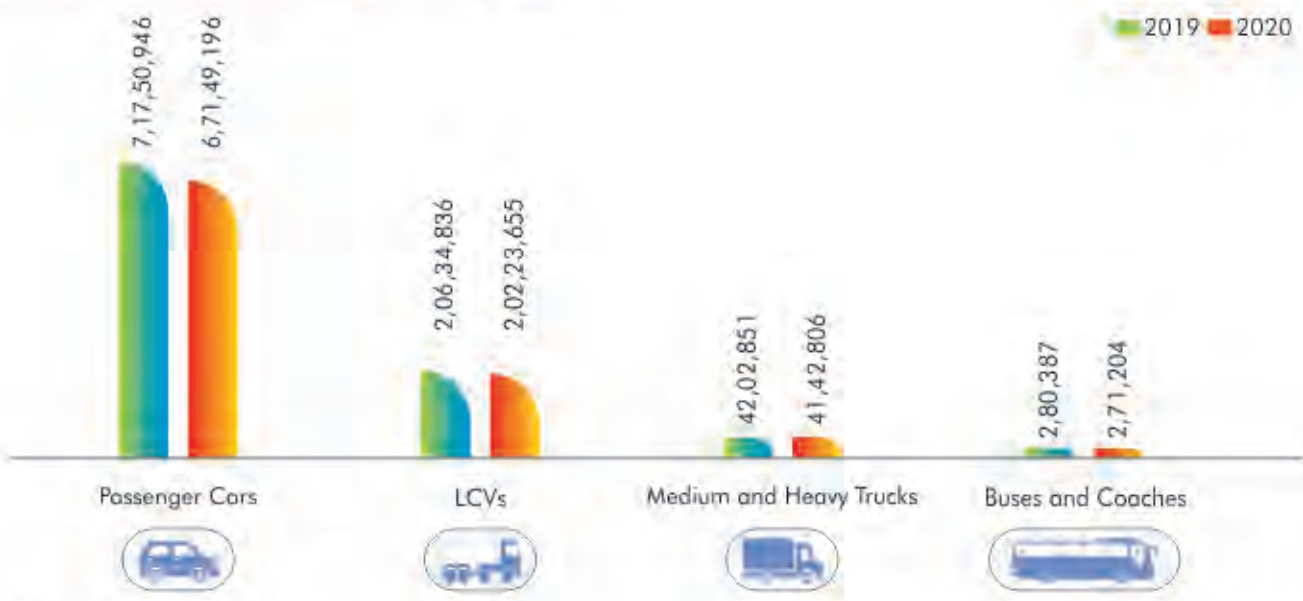
In terms of vehicle type, passenger car production reduced globally by (-) 6.4% and dip in production was spread across regions except Africa where there was mild positive growth. Light Commercial Vehicles (LCV) production was less badly affected as it dipped by (-) 2% in 2019. Heavy

slightly, yet remain robust, in the US. Vehicle sales are expected to modestly recover in China after two consecutive years of declines. Investments in electric (EV) and autonomous vehicle development and greater connectivity will weigh on FCF but come with uncertainty regarding timing of payback. These technologies will also support continued M&A among suppliers to obtain expertise or increase sales. EVs are generally less profitable than internal combustion engine cars but automakers must increase EV sales to comply with Europe's 2020/2021 emission rules and avoid penalties. In addition to the negative mix effect on margins, EV adoption rates are uncertain due to insufficient charging infrastructure causing customer hesitancy. However, much of the expectations depend on the pace at which the industry recovers post the COVID-19 shocks.

The COVID-19 outbreak has heavily impacted the manufacturing industry. OEMs and parts suppliers have yet to return to full production capacity. Consequent delays in delivery might impact the market at multiple levels from postponed new car model launches, shattered supply chains, financially drained SMEs, and dampened vehicle sales in Q1, 2020. The effects have spilled over into Q2 as well, with unfulfilled order deliveries due to ongoing production slowdowns. This situation is set to exacerbate the numerous challenges already facing the auto industry,



### GLOBAL VEHICLE PRODUCTION (Nos) - By Type



Data Source: OICA

including tougher CO2 emissions standards and higher investments in new technologies. As the effects of the pandemic start to wane and the industry begins to recover, OEMs will explore various options to attract consumers and offset the drop in sales.

Alternative revenue sources are also rapidly taking over the

market. Mobility companies such as Uber have grown exponentially over the last few years and established technology companies like Amazon and Microsoft are crunching back-end automotive data. Connected technology has become even more important and fundamental to the advancement of vehicles, bringing in a host of new features and offerings.

## INDIA

Evidently, with a slowdown in demand and COVID-19 issues creeping in during March 2020, automobile industry sales were badly affected. Overall sales in the Indian auto industry decreased (-) 18% year-on-year to 21.5 million units (excluding tractors) in FY2020. The fall in domestic sales is across all segments – passenger vehicles (-) 17.8%; total commercial vehicles (-) 28.8%; and two wheelers (-) 17.8%. However, there was some reprieve in terms of exports - overall automobile exports increased by 2.95% with two wheelers recording 7.3% growth and passenger car exports remaining stable with 0.2% growth. Exports of Commercial Vehicles declined by (-) 39.3%. While the share is increasing, exports are still a low proportion of Indian automobile with 18% of market sales.

Unfortunately, the Indian Automotive Industry has been going through a rough time just like most other automotive markets in the world. In India, to begin with, there was a twenty month period of steady contraction in market demand. This was primarily due to issues related to adoption of new emission norms, weak consumer demand and overall negative economic sentiments. Subsequently, in the last quarter of FY20, there was the advent of the COVID-

19 pandemic. This has completely changed the dynamics of the automotive industry and is believed to have produced a large scale long-lasting impact. The dreary fact is that March and April of 2020 remained the most challenging months for the auto sector where the '40 day lockdown' resulted in nil sales and zero production. However, OEMs extended financial support and helped dealers to the extent feasible during these difficult times.

Post the COVID-19 lockdown, re-establishing production facilities is even more challenging than shutting them down. Today, it warrants a thoughtful approach to revive the supply chain, equate production volumes to actual demand, and, most importantly, shield the workforce from the scourge of unemployment. They are indeed the backbone of every successful industry. So, for the automotive sector and its supply-chain across the world the present and the immediate future is strewn with multifaceted challenges that have to be overcome at collective as well as an independent company level.

In India, overall automotive production including passenger vehicles, commercial vehicles, two wheelers, three wheeler and quadri-cycles registered a de-growth of (-) 14.7% with total numbers reducing from 30.9 million in FY2019 to

## Vehicle Production in India ('000 Nos)



Source: SIAM and TMA

26.4 million in FY2020. Within the industry, compared to FY2019 passenger vehicles production reduced by (-) 14.8% to 3.4 million units; commercial vehicle production reduced by (-) 32.4% to 0.75 million units; three wheelers reduced by (-) 10.6% to 1.1 million units; and two wheelers reduced by (-) 14.1% to 21 million units. Even agriculture equipments were adversely affected. Here, there was also the effect of an unusual monsoon in 2019. On the strong bedrock of the rural Indian agrarian economy this segment had always been resilient to global automotive market demand shifts and had been continuously growing over the last few years. However, the growth path came to a halt in FY2020. Domestic tractor production reduced by (-) 15.2% to 761,075 units in FY2020 with domestic sales reducing by (-) 10.3% to 705,018 units and exports by (-) 17.4% to 76,047 units.

The automobile industry in India is one of the largest employers with an ecosystem of more than 50 manufacturers and supporting ancillaries across various

categories of vehicles. FY2020 was a difficult year and the COVID-19 pandemic has washed out much of FY2021. The industry is plunged into very difficult demand conditions and is going through a gradual process of recovery now.

Importantly, in the post COVID-19 lockdown scenario, as India started to open up, vehicle sales have started picking up better than what was expected. In fact, the month of July 2020 saw a marked improvement in vehicle registrations compared to June 2020, though on a YoY basis the auto sector recovery is yet to be anywhere near normal. Current market conditions are still not indicative of the actual demand situation at an all India level and retail sales continue to de-grow in huge double digit numbers despite the low base of the preceding year. Rural markets have shown strong demand as monsoon continues its good spell. Within the segment, tractor, small commercial vehicles and motorcycle sales were positively impacted with the monsoon progress and spread.

## INDIAN AUTO-COMPONENT INDUSTRY

**PRODUCTION AND SALES** – The auto-component industry contracted by (-) 11.7% to US\$ 49.3 billion (Rs.349,637 crore) in FY2020. This includes supplies to domestic OEMs, aftermarket and exports.

### INDIAN AUTO-COMPONENTS INDUSTRY TURNOVER



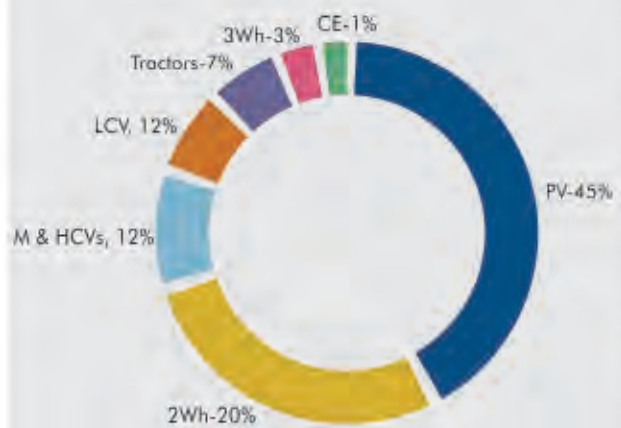
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In terms of supplies to OEMs - passenger vehicles in the largest segment with 45.3% share, followed by 2 wheelers with 19.6%, M&HCVs 12.4%, LCVs 11.8%, tractors 6.5%, 3 wheelers 3.3% and construction equipment 1.2%.

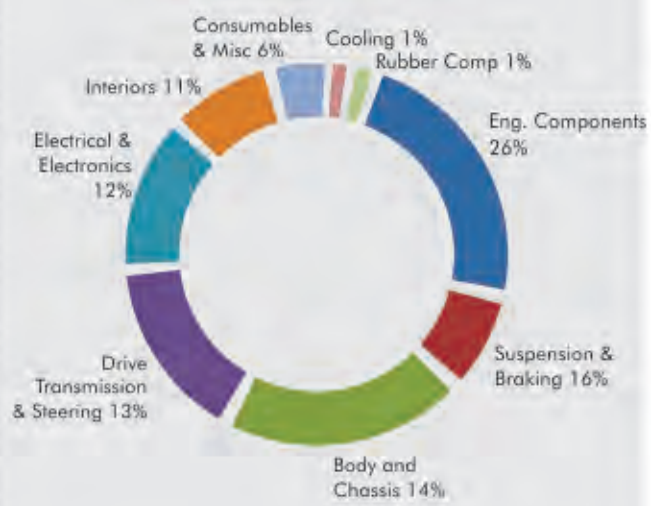
followed by suspension and brakes with 15.6%, Body and chassis at 14.1%, drive & transmission at 13.2%, electrical and electronics at 12.4%, interiors at 10.8%, and consumables at 6.4%

In terms of category of parts supplied to OEMs engine components is the largest segment with 26.1% share,

SEGMENT SHARE IN OEM SUPPLIES



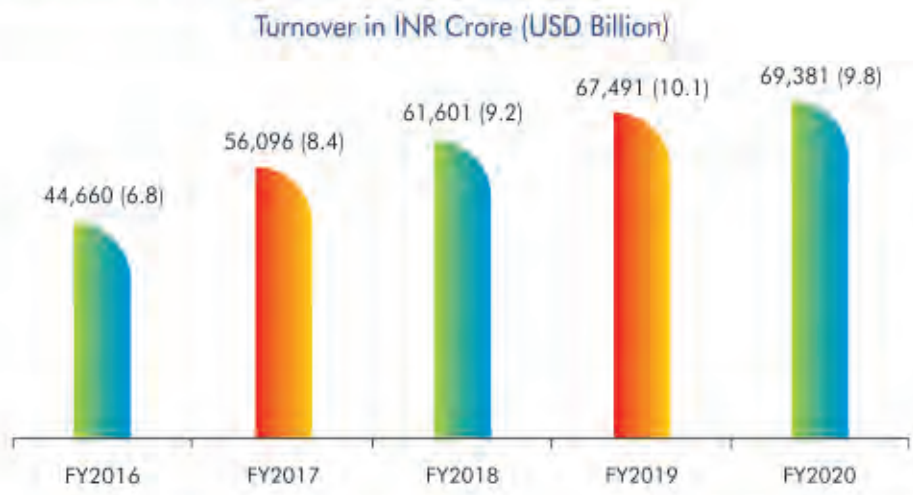
PART CATEGORIES IN OEM SALES



## DOMESTIC AFTERMARKET

Even under the adverse conditions, the domestic After-market sales remained steady. In fact, in rupee terms it grew by 2.8% to Rs.69,381 crore in FY2020 compared to FY2019. However, in US dollar terms, there was a (-) 3% reduction to US\$9.8 billion in FY2020 compared to FY 2019.

### Domestic Auto Component After-Market Sales



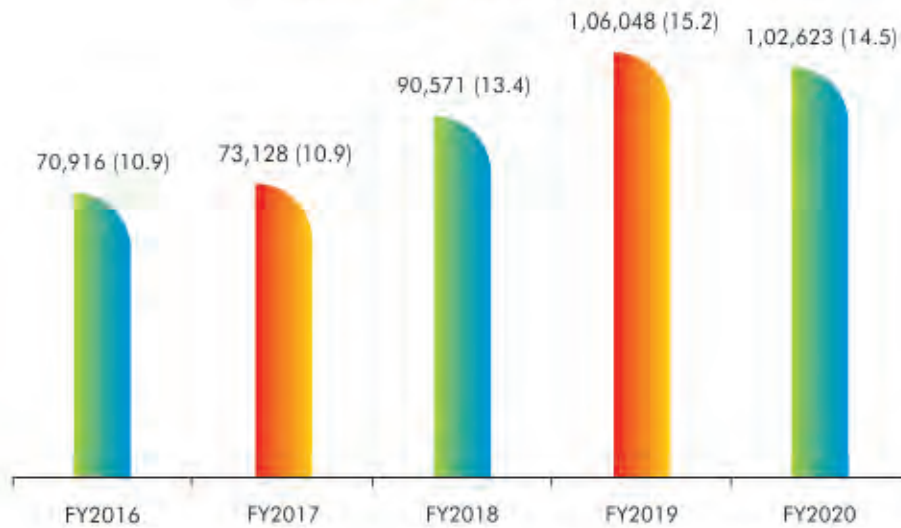
## EXPORTS

Auto-component exports reduced by (-) 4.6% reach US\$14.5 billion (Rs.102,623 crore) in FY2020.



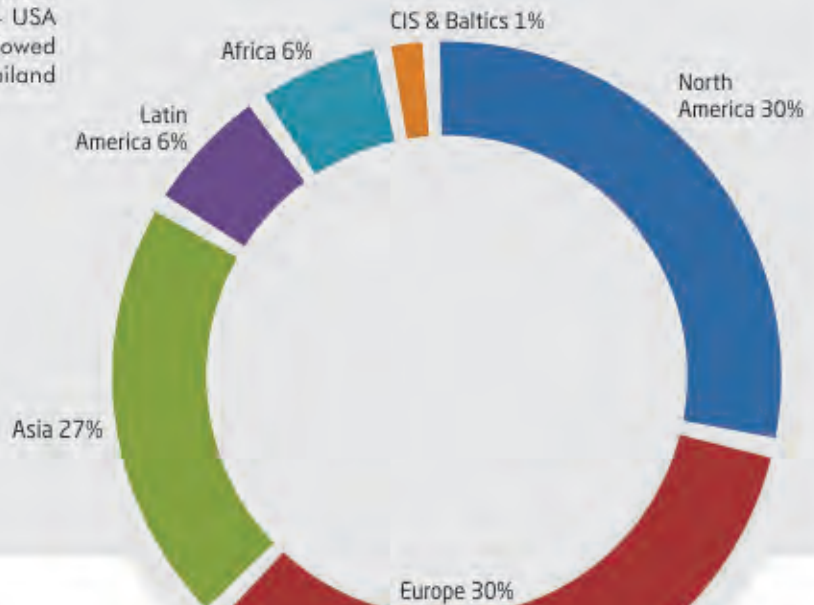
## Air Components Exports

Turnover in INR Crore (USD Billion)



Europe and North America continues to be the largest market for Indian auto-component exports with a share of 30% each followed by Asia at 27%; Latin America and Africa at 6% each and CIS and Baltic at 1% each. In terms of major countries as export destinations – USA with 26% remains the largest partner followed by Germany at 7% and UK, Brazil, Thailand and Turkey at 4% each.

## AUTO COMPONENTS EXPORTS - REGION WISE



## EXPORT DESTINATIONS - TOP 10 COUNTRIES

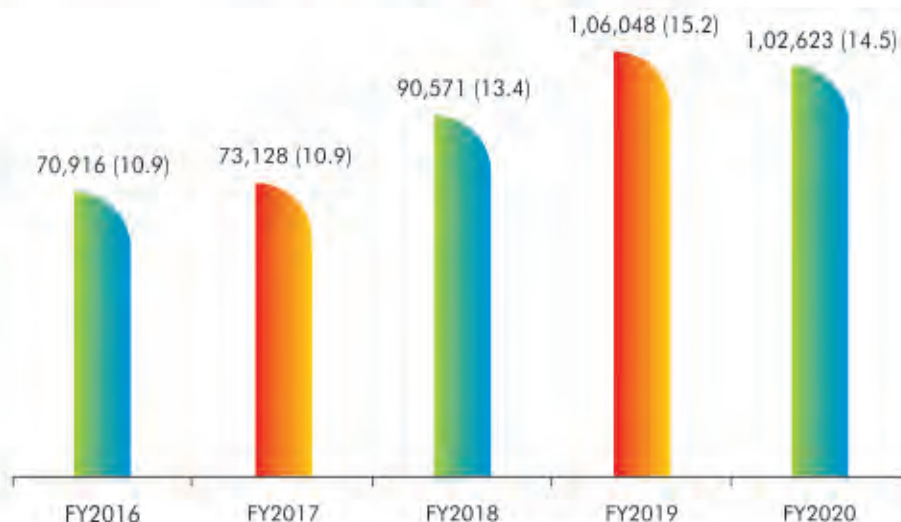
USA	26%	BRAZIL	4%
GERMANY	7%	ITALY	3%
TURKEY	5%	BANGLADESH	3%
THAILAND	4%	MEXICO	3%
UK	4%	UAE	3%

## IMPORTS

Auto-component imports reduced by (-)12.5% to US\$15.4 billion (Rs.109,601 crore) in FY2020 with variations across regions – (-) 22% from Europe; (-) 17% from North America; and (-) 7% from Asia, which is the largest source in size.

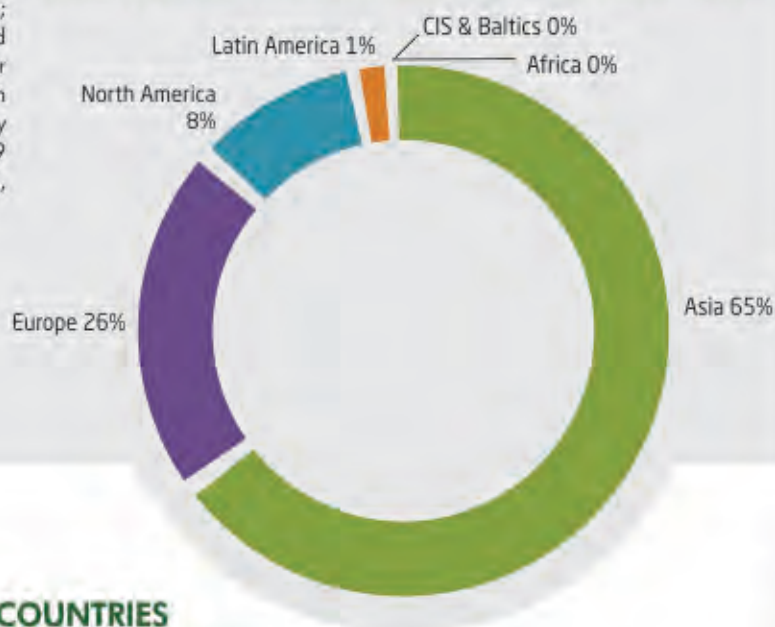
### Air Components Imports

Turnover in INR Crore (USD Billion)



Asia continues to be the largest source of imports for Indian auto-component with a share of 65% followed by Europe at 26%; North America at 8%; Latin America 1%; and Africa at a very small fraction. In terms of major countries as source of imports – China with 26% remains the largest partner followed by South Korea at 14%; Germany 11%; Japan 9%; USA 7%; Thailand and Singapore at 5%, Italy, UK and Belgium 3% each.

### AUTO COMPONENTS IMPORTS - REGION WISE



### EXPORT DESTINATIONS - TOP 10 COUNTRIES

CHINA	26%	THAILAND	5%
SOUTH KOREA	14%	SINGAPORE	5%
GERMANY	11%	ITALY	3%
JAPAN	9%	UK	3%
USA	7%	BELGIUM	3%

## ABOUT THE ORGANISATION

### INTRODUCTION

Established in 1959, the Auto Component Manufacturers' Association (ACMA) is committed to developing a globally competitive Indian Auto Component Industry and strengthen its role in national economic development as also promote business through international alliances.

The apex body, ACMA has been relentlessly promoting the interests of the Indian auto-component industry for over five decades whether it is global promotion or conducive policy environment or enhancing internal efficiencies of its members.

ACMA's active involvement in trade promotion, technology up-gradation, quality enhancement and collection and dissemination of authentic information has made it a vital catalyst for this industry's development. The other activities include participation in international trade fairs, sending trade delegations overseas and bringing out publications on various subjects related to the automotive industry

### MEMBERSHIP

Today, with over 800 companies as members, ACMA represents around 85% of the entire auto-component sector turnover in the organised sector in India. Its memberships comprise companies all across India that either supply directly to OEMs or to tier one companies.

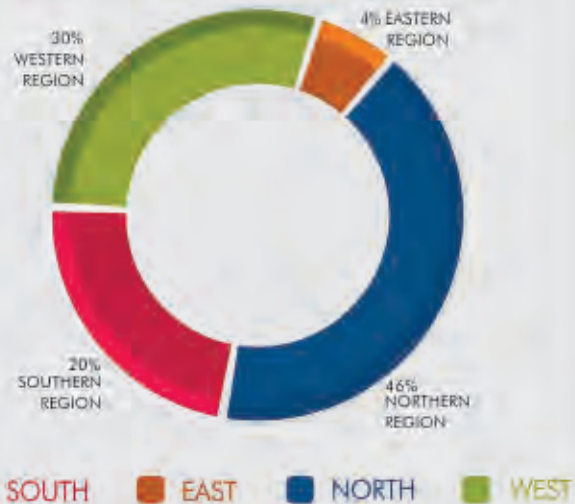
#### ACMA MEMBERSHIP (As of May 2019)

REGIONS	MEMBERSHIP
Eastern Region	33
Northern Region	383
Southern Region	176
Western Region	249
Total	841

### REPRESENTATION

The organisation is represented in all government and industrial bodies in India pertaining to the auto-component industry. In terms of affiliations and partnership with other industry bodies, ACMA works closely with the Associated Chambers of Commerce and Industry of India (ASSOCHAM), Confederation of Indian Industry (CII) and Federation of Indian Chambers of Commerce and Industry (FICCI). The organisation regularly interfaces with the

#### ACMA MEMBERS - REGIONAL PRESENCE (INDIA)



Society of Indian Automobile Manufacturers (SIAM), Automotive Research Association of India (ARAI), Indian Machine Tools Manufacturers Association (IMTMA), National Automotive Testing and R & D Infrastructure Project (NATRiP), Automotive Skill Development Council (ASDC) and other member Association of the Associations Councils of CII.

ACMA continues to be represented on the following government bodies:

- Automotive Industry Standards Committee
- Automotive Research Association of India (ARAI)
- Automotive Skill Development Council (ASDC)
- Bureau of Indian Standards (Transport Engineering Division)
- Central Motor Vehicles Rules-Technical Standing Committee
- Development Council for Automobiles and Allied Industries
- Development Council for the Machine Tool Industry
- Indo-German Joint Working Group on Automotive Sector
- India-Netherlands Joint Working Group on Automotive Sector
- National Automotive Board
- National Automotive Testing and R&D Infrastructure Project (NATRiP)
- National Board for Electric Mobility *(Illustrative)*

### INTERNATIONAL ALLIANCES

With an increased focus on globalisation of the Indian auto-component industry, ACMA has developed strong relationships with several counterpart organisations across the world that help better integrate the Indian auto-component industry in the global supply chain.

COUNTRY	ORGANISATIONS	MOU Partners
Argentina	Asociacion de Fabricas Argentinas deComponentes (AFAC)	
Australia	Australia Automotive Aftermarket Association (AAAA)	
Brazil	Brazilian Association of Automotive Components Manufacturers (SINDIPECAS)	
Canada	Automotive Parts Manufacturers Association (APMA)	
Egypt	Egyptian Auto Feeders Union (EAFU)	
France	Federation Des Industries Des Equipments Pour Vehicules (FIEV)	
Germany	Verband der Automobilindustrie (VDA)	
Germany	Fraunhofer-Gesellschaft zur Foerderung der Angewandten Forschung e.V.	
Germany	ACMA-Messe Frankfurt - Trade Fairs	
Hungary	MAJOSZ (Association of Hungarian Automotive Component Manufacturers)	
Iran	Iranian Autoparts Manufacturers Association (IAPMA)	
Italy	Unione Industriale Torino (UIT)	
Japan	Japan Auto Parts Industries Association (JAPIA)	
Kazakhstan	Association of Kazakhstan Auto Business (AKAB)	
Korea	Korea Auto Industries Cooperative Association (KAICA)	
Malaysia	Malaysian Automotive Component Parts Manufacturers Association (MACPMA)	
Mexico	Asociacion Nacional de Representates, Importadores Y Distribuidores de Refacciones Y Accesorias Para Automoviles, AC (ARIDRA)	
Mexico	Industria Nacional de Autopartes (NA)	
Korea	Korea Trade Center (KOTRA)	
Nigeria	National Automotive Council (NAC)	
Pakistan	Pakistan Association of Automotive Parts and Accessories Manufacturers (PAAPAM)	
Poland	Stowarzyszenie Dystrybutorów i Producentów Części Motoryzacyjnych (Association of Automotive Parts, Distributors & Producers-SDCM)	
Russia	National Association of Automotive Components Manufacturers (NAPAK)	
South Africa	The National Association of Automotive Components & Allied Manufacturers (NAACAM)	
South Korea	Economic Cooperation Agreement between Gunsan City, Jeollabuk-do Province, Republic of Korea & ACMA	
South Korea	Changwon Industry Promotion Agency	
South Korea	Gwanju Aftermarket Council (GAC)	
Spain	Asociacion Espanola de Fabricantes de Equipos y Componentes para Automocion (SERNAUTO)	
Sri Lanka	Sri Lanka Automotive Component Manufacturers Association (SLACMA)	
Sweden	Scandinavian Automotive Suppliers Association (SASA)	
Taiwan	Taiwan Telematics Industry Association (TTIA)	
Thailand	Thai Auto-Parts Manufacturers Association (TAPMA)	
Tunisia	UTICA / L' Association Tunisienne des Fabricants de Composants Automobiles (UTICA/ATFCA)	
Turkey	Association of Automotive Parts & Components Manufacturers (TAYSAD)	
UK	The Society of Motor Manufacturers & Traders Ltd. (SMMT)	
USA	The Motor & Equipment Manufacturers Association (MEMA)	
USA	Society of Automotive Engineers (SAE)	
USA	Original Equipment Suppliers Association (OESA)	
USA	Auto Care Association (earlier known as Automotive Aftermarket Industry Association - AAIA)	
Uzbekistan	The Association of the Enterprises of Automotive Industry of the Republic of Uzbekistan (UZAUTOSANOAT)	

## SECRETARIAT

The operations are executed by a strong secretariat with a presence across all regions of India. In keeping with ACMA's continuous pursuit for excellence, the system and processes across the functions of the secretariat have adopted best practices, and ACMA has been certified as ISO 9001-2015 for quality.

- Automotive Industry Standards Committee
- Automotive Research Association of India (ARAI)
- Automotive Skill Development Council (ASDC)
- Bureau of Indian Standards (Transport Engineering Division)
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### EXECUTION

With the internal restructuring exercise firmly in place, today ACMA has a revised structure, which is better aligned to meet the requirements of the next phase of industry development. The organisation, now, operates under a matrix where all committee activities have been aligned under five pillars. Each of these pillars are led by secretariat; supported by an elected member as Chairperson and a co-Chairperson for direction; sub-pillar Chairperson/Co-Chairperson can be a co-opted member or an invitee; guided by a consultant or subject matter expert (SME) from the industry, government or academia depending on

activity under the pillar. Each Pillar is advised by a past president.

The new organisation set-up pivots around 5 specific business pillars. These are:

The Business Development Pillar, strengthens existing business relationships and explores new opportunities with OEMs, Tier 1s and the Aftermarket. It is also the nodal point for organising Trade Missions, Trade fairs, Tech-shows and BSMEs domestic and international. The activities include promoting 'Make in India' and 'Brand India' at international trade fairs, facilitating global OEMs/ Tier 1 companies in investing in India, interfacing with IPOs in India to organise specialised events like Buyers Sellers Meet and Supplier Conferences. The pillar actively supports Tier-2s and MSMEs to scale up by assisting in connecting them to Tier-1s. To create awareness and address issues related to business development, the pillar assist in organising workshops and training programs through research and studies related to market trends, business opportunities, trade practices and regulations are undertaken under this pillar. The pillar engages and interfaces with relevant Ministries, Government agencies and International associates for funding support for various business development activities and also explores related businesses such as Defence and Railways.

The Government Advocacy, Regulations and Research Pillar, engages with ministries in Central and State Governments and related statutory bodies, develops policy updates for the component industry, addresses concerns to the Government, interacts with other industry associations and trade bodies, focuses on knowledge building, supports regions to address ministerial matters at the Central Government, and develops the annual Pre-budget Memorandum to the Government and related organisations.

The Education, Skilling, Leadership Development and Mentorship Pillar, has a multi-pronged set of deliverables across stakeholders. For ACMA members, it delivers specific assessment and certification programmes, supports and guides them to achieve internal improvements, and designs and specific skill development and training programmes. These objectives are also supported by organising and driving clusters, trainings, summits and conferences for understanding challenges and avenues to best leverage operational excellence and future manufacturing technology. It also organises international training programs. For the industry, as a whole, the cluster's mentor

## ACMA QUALITY POLICY

ACMA is committed to provide leadership and quality services to its customers. This would be achieved by:-

- Evolving & delivering innovative services through consensus and in partnership with members/other stakeholders
- Contributing to the developmental needs of the customers in the backdrop of changing external environment
  - Enhancing ACMA's capabilities and competence portfolio commensurate with emerging industry needs and expectations
- ACMA is committed to comply with the requirements of the Quality Management System and to continually improve its effectiveness through employee involvement

President

Director General





## ATMANIRBHAR BHARAT

The auto component industry which spans across different geographies of the country, is a large, integrated and complex network of suppliers. It contributes 2.3% of the country's National GDP, 25% of the National Manufacturing GDP and employs over five million people. The industry is dominated by SMEs and is one of the key drivers of India's economic growth and the 'Make in India' program.



#MAKEININDIA





## OFFICE BEARERS



### President

Mr. Deepak Jain  
Chairman & Managing Director  
Lumax Industries Ltd.



### Vice President

Sanjay Kapur  
CEO  
Sona Group



## REGIONAL CHAIRPERSONS



### Northern Region

Mr. Deepak Chopra  
Group CEO  
Anand Automotive Pvt. Ltd.  
& Chairman -  
Spicer India Ltd.



### Southern Region

Ms. Shuba Kumar  
Director  
Natesan Synchrocones Pvt. Ltd.



### Western Region

Mr. Piyush I. Tamboli  
Chairman &  
Managing Director  
Investments and Precision  
Castings Ltd.



### Eastern Region

Mr. Sanjay Sabherwal  
Managing Director  
Metaldyne Industries Ltd.

## RATIONALISATION OF DOMESTIC TAXATION & LOGISTICS EFFICIENCY

In the new GST environment, the automotive supply chain is undergoing large-scale adaptation to benefit from a simplified one-market ecosystem. It could improve operations and provide advantages of scale, resulting in a re-engineered distribution footprint and re-modelled logistics that is not defined by regional fiscal regimes.

GOODS & SERVICES TAX

← Backspace

**GST**



Shift

# MARQUEE EVENTS

## ACMA 59TH ANNUAL SESSION 2019



The 59th Annual ACMA session was held on 6 September 2019 at New Delhi. The annual session saw top industry leaders as well as leading auto component manufacturer coming together under one roof and sharing their opinions and insights pertaining to the current industry situation and also discussed what are the systematic and sustainable ways that all should adopt in order to ensure smooth sailing. The event also saw the release of ACMA-McKinsey Study titled 'Future of Mobility – Embracing the Discontinuity'

Ram Venkataramani, President, ACMA, in his welcome address at the session, said that the automotive component industry crossed the \$57 billion mark in 2018-19. He added: "The industry currently employs 50 lakh people and contributes 2.3% to the country's GDP. A significant part of India's manufacturing sector, we are currently facing an unprecedented slowdown on account of the slump in automotive sales over the last several months, along with the burden of huge investments made for our transition to BS-VI. This has led to a crisis-like situation in our sector, with job losses and restricted investments for the future."

The session speakers unilaterally agreed that the present slowdown is very different with a myriad range of factors and variables impacting domestic sales, and seems to be lasting longer. Pointing out that the auto industry has a bright future, Anurag Thakur, Minister of State for Finance, said: "India's automotive industry is at the forefront in many segments globally. According to estimates, the industry hopes to nearly triple vehicle sales by 2026. This is a good sign for the auto component industry which aims to double

its contribution to manufacturing GDP and register a four-fold growth in size and a six-fold growth in exports." Thakur went on to talk about the various disruptions that are reshaping the auto component industry and encouraged component makers to adapt to the change and make the most of the available opportunities. In his address, Arjun Ram Meghwal, Minister of State for Heavy Industries and Public Enterprises, backed Thakur's views and reiterated that the government is doing its best to mitigate the auto industry's woes by coming up with policies and measures to boost sales.

The speakers concluded that the automotive component manufacturers must invest and collaborate in joint research and development and risk-sharing, frugal innovation and testing, while also helping on upgrading the skills of Tier I and II suppliers to ensure that they are ready for exports to global markets and embed digital capabilities at par with the industry. They also suggested that the government can play a pivotal role to empower OEMs and suppliers by finding ways to incentivise 'Make in India' for EV components to localise production and promote exports, push for developing an entire ecosystem for EV adoption, and create a practical and phased-out EV adoption roadmap.

During the session, ACMA announced the appointment of Deepak Jain, Chairman and Managing Director, Lumax Industries Ltd., as its President and Sunjay Kapur, Chairman, Sonata Comstar, as the Vice President for the term 2019-21.

# FUTURE OF MOBILITY

# 59th ANNUAL SESSION

# EMBRACING THE DISCONTINUITY



MOBILITY

SESSION

# EMBRACING THE DISCONTINUITY

SEPTEMBER 6, 2019

Automotive Component  
Manufacturers Association of India



SHAPING THE  
NEW NORMAL

## ACMA ANNUAL TECHNOLOGY SUMMIT &amp; EXPO

ACMA TECHNOLOGY SUMMIT  
& AWARDS 2019

Exploring New frontiers of Technology



The **fifth edition** of ACMA Technology Summit was held on 25th and 26th November 2019 in Pune. Themed **'Exploring New frontiers of Technology'**, the event's endeavour was to facilitate the auto component industry in identifying disruptive challenges and delineate a roadmap for its future. It 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, Block chain, Design Thinking, and Autonomous Driving among others.

It 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; and Mr Sarwant Singh, Managing Partner, Frost & Sullivan.

During the Summit, the ACMA Annual Awards was also conferred to winning companies. This honours 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. These were instituted in 1966 and are presently bestowed for excellence in Export, New Product Design & Development, Process Technology, Manufacturing, Supplier Development, Human Resource, and 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.

At the event ACMA also signed **MoUs** with two organisations as knowledge partners for ACMA Centre of Excellence (ACoE). First, was with the Centre for Development of Advanced Computing (C-DAC) to collaborate and develop content for training programs and in designing and setting up of labs, conduct workshops and knowledge sessions, and provide technology services. Second, with the Society of Automotive Engineers, India (SAEINDIA) for knowledge sharing in the area of Mobility Engineering.





# AUTO EXPO 2020 COMPONENTS



The 15th edition of Auto Expo 2020 Components was organised jointly by ACMA, CII and SIAM between 6th to 9th February, 2020. The four-day trade show saw over 1,500 companies exhibiting their latest products & solutions, of which 200 are international exhibitors from over 20 countries. There are pavilions dedicated for countries like Japan, South Korea, UK, Germany, Turkey and Canada at the expo.

The event was graced by ministers like Shri Arjun Ram Meghwal, Union Minister of State, Heavy Industries & Public Enterprises and Parliamentary Affairs, Shri Goutham Reddy, Minister for Industries & Commerce and Information Technology, Government of Andhra Pradesh and senior Government officials like Shri Arun Goel, Secretary, Department of Heavy Industries, Ministry of Heavy Industries & Public Enterprises.

Expressing satisfaction on the success of the Show, **Mr. Deepak Jain, President, ACMA** said, "It is indeed a pleasure to have organised such an extravagant show, the confidence shown by component industry and the trade visitors alike is reassuring. The show truly reflects the confidence in the Indian auto component industry and its readiness for the future of mobility. It is noteworthy that the exhibitors displayed world class, generation next products, which is conforming with the theme 'Technovation'."

Speaking at event, **Vipin Sondhi, Chairman CII, Trade Fair Council and MD and CEO, Ashok Leyland**, said "I

want to congratulate ACMA, SIAM and CII for organizing a world class exhibition in a phase which is going through a disruption and discontinuities. The footfall at the exhibition itself is resounding proof of confidence in the component industries. The display of innovative & advanced technologies, EV components and emphasis on import substitution for electric vehicles is of a great importance. It holds key to the future of mobility, as well as promise to become successful internationally."

Importantly, at the expo around 400 companies launched over 1200 new products, that highlighted the Indian component industry's focus on R&D and innovations and displayed their preparedness to support the transformation in the automotive space. With over 1500 exhibitors and 1.15 lakh visitors, the 15th edition of the Auto Expo 2020 Components is the biggest auto component expo held till date.

The expo themed 'Technovation - Discover Innovations for Future' reflected the potential of Indian Auto Component Industry to adopt the latest advancements in BSVI & Emissions, EVs, Safety, and e-mobility. 16 companies participated in the Technovation pavilion, out of which around 10 companies showcased latest electric vehicles components like Lithium Battery Packs & Chargers, Powertrain components and software application etc. The pavilion also had 8 Start-up companies who showcased their innovative products and solution across segments for the very first time.







# iAuto-Connect 2019

## INTERNATIONAL REVERSE BUYERS-SELLERS MEET



The 4th edition of iAuto-connect 2019 - International Reverse Buyers & Sellers Meet was held 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 mn, whereas the enquiries generated were estimated to be around USD 10 mn.



SHAPING THE  
NEW NORMAL





**ACMA PILLAR 1**

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**BUSINESS  
DEVELOPMENT**

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# PILLAR STRUCTURE



## KEY DOMESTIC INITIATIVES

1st 'Raw Material Conclave & Exhibition'  
1st Buyer Seller Business Meet (BSM)  
2nd ACMA Value Chain Summit  
Technology Show  
11th 'Annual HR Summit'  
CEOs' Roundtable Meet themed 'Global Trends Impacting the Indian Automotive Industry'  
SME Technology Partnership Meet

## KEY INTERNATIONAL INITIATIVES

Group participation by ACMA members at Korean Auto Industry, Exhibition (KOAA) at Goa  
Participation in Automotive Aftermarket Products Expo (AAPEX)  
Participation in Aftermarket show 'Automechanika Shanghai'  
Participated in 'AUTOTECH Egypt'

## PILLAR I - BUSINESS DEVELOPMENT

### INTRODUCTION

In the new organization structure, this pillar has subsumed 9 committees of ACMA that included Aftermarket, Defence and Railways, IMTMA Interface, Globalisation, MSME, OEM Interface, Raw Materials, Supply Chain, Trade Fairs and Auto Expo.

1. 1st 'Raw Material Conclave & Exhibition' on 2nd July, 2019 in New Delhi
2. 1st Buyer Seller Business Meet (BSM) on 3rd - 4th June, 2019 in Chennai
3. Visit to Kia Motors, 4th June, 2019 in AP
4. 2nd ACMA Value Chain Summit on 26th - 27th July, 2019 in Ahmedabad,
5. Interaction with Alstom Transport India Ltd. on 10th Sept., 2019 at Jamshedpur.
6. Technology Show on 20th August, 2019 at Honda Cars India Ltd. in Greater Noida.
7. ACMA members and Korean Auto Industry, organized a group participation for its members at Korea Automotive Industry Exhibition' (KOAIA) from 16th - 18th October, 2019 in South Korea.
8. ACMA participated in Automotive Aftermarket Products Expo (AAPEX) from 5th - 7th November, 2019 in Las Vegas, U.S.
9. Conference on Supply Chain - Challenges & Opportunities on 15th October, 2019 in Pune.
10. Visit & interaction with Suzuki Motor Gujarat Pvt. Ltd., on 23rd October 2019 at Ahmedabad.
11. Visit & Interaction with Case New Holland Construction Equipment India Pvt. Ltd on 7th November, 2019 at Pithampur, MP.
12. Participation in Aftermarket show 'Automechanika Shanghai' from 3rd to 6th December, 2019 in China.
13. Participated in 'AUTOTECH Egypt 2019' from 13th - 15th December, 2019 in Cairo, EGYPT.
14. Workshop on 'xEV Opportunities for Auto Component Manufacturers' on 18th December, 2019 at New Delhi.
15. Participated in 'Special Vendors Development Drive' by Integral Coach Factory (ICF) Chennai on 11th December, 2019 in Chennai.
16. Conference on 'Business De-Risking through Exports' on 19th December, 2019 in Chennai.
17. 11th 'Annual HR Summit' on 28th January, 2020 at Pune.
18. CEOs' Roundtable Meet themed 'Global Trends Impacting the Indian Automotive Industry' on 4th February, 2020 in New Delhi.
19. SME Technology Partnership Meet on 7th February, 2020 in New Delhi.
20. Special display showcasing EV, Innovation & Start-ups at a 'Technovation pavilion' at the Auto Expo Components 2020 held from 6th to 9th February, 2020.
21. Interactive session with Mr. R. Veeraraghavan, Head - Strategic Sourcing Unit, Mahindra & Mahindra Ltd., on 5th March, 2020.

### WEBINARS

1. Webinar on Enforcement of Contract-Force Majeure & Doctrine of Frustration 3rd April, 2020.
2. Webinar on 'Managing Liquidity' in partnership with PWC on 9th April, 2020.
3. Webinar on 'Responding to COVID-19 Crises' on 17th April 2020 with KPMG.
4. Webinar on 'Automotive Supply Chain' and to 'Explore Global Export, Supply chain and Logistics challenges & Opportunities' in India on 22nd April, 2020.
5. Webinar on China's COVID-19: Outbreak, Containment measures & Impact on China's Automotive Supply Chain on 24th April, 2020.
6. Webinar on 'Electric Mobility & EV Ecosystem' Post Covid-19' on 27th April, 2020.
7. Webinar on 'Cash is King' Rethinking Working Capital Planning & Cash Flow Management on 15th May, 2020.
8. Webinar on 'Understanding the Nuances & Challenges of Product Liability' on 19th May, 2020.
9. Webinar on 'Overcoming barriers of Supply Chain Performance' on 22nd May, 2020.
10. Webinar on 'Future challenges & Opportunities/Risks' An IPOs Perspective on 26th May, 2020.
11. Online Session on 'Materials Requirements planning when forecast makes no sense - DDMRP' on 1st May, 2020.
12. Webinar on 'Project Management - TOC way' on 25th May, 2020.





2019 창원시 경제부흥의 원년  
**창원시 자동차전문기업 현장 방문**

CHANGWON-INDIA AUTOMOTIVE INDUSTRIAL FACTORY TOUR

일시 2019.10.14.(월) 장소 (주)삼현, 삼심기계(주), TIC(주), 동환산업(주)

주최 창원시 주관 창원산업진흥원 ACMA 인도자동차부품제조협회 KIB&C 한인도비즈니스센터



한글사이드지공단은 산업단지 개발 및 관리인  
기업체의 산업발흥 지원을 수행하는 기관입니다.

2019 창원시 경제부흥의 원년  
**창원시 자동차전문기업 현장 방문**

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주최 창원시 주관 창원산업진흥원 ACMA 인도자동차부품제조협회 KIB&C 한인도비즈니스센터





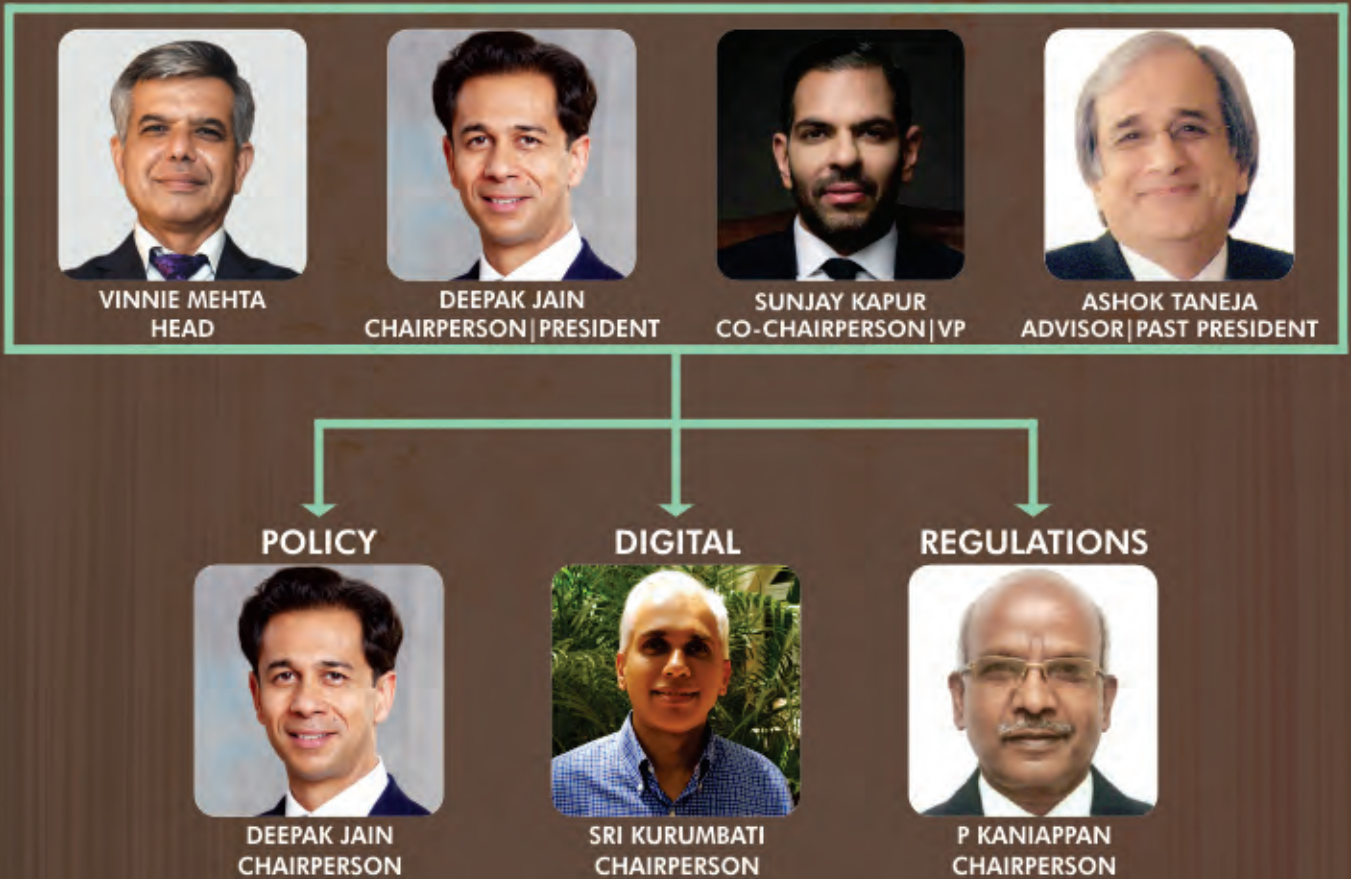
## ACMA PILLAR 2

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**GOVERNMENT ADVOCACY  
REGULATORY &  
RESEARCH**

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## PILLAR STRUCTURE



## KEY INITIATIVES

Meeting with Honorable Union Minister of Finance Mrs. Nirmala Sitharaman  
Meeting with Honorable Union Minister of State Mr. Anurag Thakur  
Meeting with Dr. Krishna Kant Pathak  
Meeting with Dr. Neeraj Mittal, MD & CEO, Tamil Nadu Industrial Guidance Bureau & Export Promotion  
Meeting with Mr. Sunil Pailwal, Labour Secretary, Govt. of Tamil Nadu  
Interaction with Union Minister of Finance Mrs. Niramala Sitharaman  
Meeting with Mr. Hansraj Verma, Additional Chief Secretary, MSME, Govt. of Tamil Nadu  
Meeting with Mr. Gaurav Gupta, Principal Secretary, Commerce & Industries Department, Govt. of Karnataka  
Delegation of ACMA, SIAM & FADA, meet with Chief Minister BS Yediyurappa  
Online session on 'Economic Revival Package'

## PILLAR 2 - GOVERNMENT ADVOCACY, REGULATION & RESEARCH

### INTRODUCTION

In the new organization structure, this pillar has subsumed 9 committees of ACMA that included Aftermarket, Defence and Railways, IMTMA Interface, Globalisation, MSME, OEM Interface, Raw Materials, Supply Chain, Trade Fairs and Auto Expo.

**The main activities of the pillar includes interface with Central Govt. departments and State Government which is led by Regional Secretaries and Regional Chairmen; Interface with Central Government which is further sub-divided into Public Policies, Regulations and Taxation and Research work.**

#### The objectives of the pillar includes:

- Proactive engagement with Ministries in Central Government
  - Development Council for Automobile and Allied Industries (DCAAI), DHI
  - National Automotive Board, DHI
  - Inter-Ministerial Groups (IMGs)
  - Fiscal Policy and Direct & Indirect Tax Matters, MoF
  - Foreign Trade Policy, Export Benefits and related matters, MoC
  - W.T.O. and related matters, MoC
  - Trade Negotiations, MoC
  - Provide support and guidance to Regional Offices and other departments on specific issues related to Central Government
- Policies update to ACMA Members
- Addressing industry concerns to the Government
- Interaction with the Industry/trade associations such as CII, FICCI, ASSOCHAM, SIAM and IMTMA,
- Knowledge Building
- Supporting regions to address ministerial matters at the Central Government
- Escalating matters related to GST, Direct Tax and Custom duties etc. with concerned Ministries
- Annual Submission of Pre-Budget Memorandum to Ministry of Finance, DHI, DIPP and Industry Associations

### UNION GOVERNMENT INTERACTIONS

1. Stakeholder Consultation with the Department of Commerce on RCEP.
2. Stakeholder Consultation with Drawback Committee.
3. Stakeholder Consultation with Mr. Ajay Bhushan Pandey, Revenue Secretary and Other Senior Officials from Ministry of Finance, Pre-Budget Memorandum 2020-21.
4. Discussion with Expert Committee on Industry 4.0 formed by the Department of Heavy Industry.
5. Stakeholder consultation with the Department of Commerce on EFTA Rules of Origin.
6. Meeting with Senior Economic Advisor, Department of Promotion of Industry and Internal Trade on Industrial Policy.
7. Meeting with Senior Economic Advisor, Department of Promotion of Industry & Internal Trade on Industrial Policy.
8. Stakeholder consultation with the Department of Commerce on EFTA Rules of Origin.
9. Meeting with Mr. Arun Goel, Secretary, Department of Heavy Industry, Ministry of Heavy Industries & Public Enterprises on Industry related issues.
10. Department of Commerce discussion on encouraging exports.
11. DPIIT – CII National Consultation Forum for Make in India 2.0. Recommendations made on behalf of the Automotive Industry to Hon'ble Minister of Commerce & Industry and Railways.
12. Addressed Industry concerns to Mr. Arjun Ram Meghwal, Hon'ble Minister of State, Department of Heavy Industry, Ministry of Heavy Industry & Public Enterprises.
13. Meeting with Mr Pravin Agrawal, Joint Secretary, DHI to discuss the proposal to issue Quality Control Order on Wheel Rims, Brake Lining and Steering Wheel and to understand readiness of Component Manufacturers and challenges if any by OEMs.
14. Discussed GST related issues with Special Secretary, GST Council.
15. Meeting with Mr. Amitabh Kant, CEO, Niti Aayog and Senior Officials to formulate a scheme to enable competitiveness of the Indian Automotive Industry with Focus on Exports.
16. Stakeholders Discussion with Mr. Piyush Goyal, Hon'ble Minister of Commerce & Industry and Railways to make India Global Manufacturing Champion.
17. Discussion on the promotion of exports, Localization, Atmanirbhar Bharat with Mr. Piyush Goyal, Hon'ble Minister of Commerce & Industry and Railways.
18. Discussion on Scheme for Promotion of Manufacturing of Electronic Components & Semiconductors (SPECS) with Meity Officials and Invest India.
19. Meeting with Mr. Piyush Goyal, Hon'ble Minister of Commerce & Industry and Railways and Mr. Guruprasad Mohapatra, Secretary, DPIIT on Sub Sector on sector review.



20. Sub Sector review of Electric Vehicle Components & Integrated Circuits with Mr. Piyush Goyal, Hon'ble Minister of Commerce & Industry and Railways and Mr. Guruprasad Mohapatra, Secretary, DPIIT on Sub Sector.
21. Meeting with Mr Priyank Bharti, Joint Secretary, MYL and Mr Abhay Damle, Joint Secretary, Safety, MoRTH to brief them on Auto Component Industry and Regulations.
22. Stakeholders meeting chaired by Mr Pravin Agrawal, Joint Secretary, Dept. of Heavy Industries to explore the feasibility of E-100 (100% Ethanol) as automotive fuel and readiness of automotive industry.
23. Meeting with Mr Sanjeev Ranjan, Secretary, MoRTH and Mr Priyank Bharti, Joint Secretary, MoRTH to update them about the performance of Auto Component Industry and request for continued support and guidance.
24. Meeting with Mr. Prakash Javadekar, Hon'ble Union Minister of Environment, Forest and Climate Change, Information & Broadcasting and Heavy Industries and Public Enterprises to discuss COVID-19 related issues and challenges in the sector.
8. Meeting with Mr. Sunil Pailwal, Labour Secretary, Govt. of Tamil Nadu regarding Public Utility Service on 21st August 2019.
9. Interactive with Union Minister for Finance Ms. Niramala Seetharaman, on 1st September, 2019 in Chennai.
10. Meeting with Mr. Hansraj Verma, Additional Chief Secretary, MSME, Govt. of Tamil Nadu on 3rd September, 2019.
11. Meeting with Mr. Ajit Kumar, Principal Chief Commissioner, Chennai Customs on 12th September, 2019.
12. Meeting with Mr. Gaurav Gupta, Principal Secretary, Commerce & Industries Department, Govt. of Karnataka on 16th September, 2019.
13. Meeting with Principal Secretary Commerce & Industries, Mr. I.S.N. Prasad, Govt. of Karnataka on 16th September, 2019.
14. Delegation of ACMA, SIAM & FADA, meet with Chief Minister BS Yediyurappa on 16th September, 2019.
15. Meet Dr. Selvakumar, Skill Secretary, Govt. of Karnataka to collaboration between ASDC and Govt. of Karnataka on 18th October, 2019.

## STATE GOVERNMENT INTERACTIONS

1. Meet with Mr. P.V. Ramesh, Special Principal Secretary to the Chief Minister & CEO, APEDB, Govt. of Andhra Pradesh, on 9th July, 2019 at AP Secretariat.
2. Meeting with Mr. M P Singh, Additional Chief Secretary (Excise & Taxation), Govt. of Punjab on 17th September, 2019 in Chandigarh.
3. Meeting with Dr. Krishna Kanth Pathak, Commissioner Industries, Govt. of Rajasthan on 19th September, 2019 in Jaipur.
4. Consultative meeting with Govt. of Telangana on 2nd August, 2019 in Hyderabad.
5. Meeting with Dr. Neeraj Mittal, MD & CEO, Tamil Nadu Industrial Guidance Bureau & Export Promotion on 7th August, 2019 in Chennai.
6. Meeting with Mr. Ajit Kumar, Principal Chief Commissioner, Chennai to take stock of industry situation & to identify the steps that Customs department could take to support the industry on 14th August, 2019.
7. Interaction with Mr. M. Maheshwar Rao, Principal Secretary, MSME, Govt. of Karnataka on the industry performance & steps being taken by the industry to face the current slowdown in 16th August, 2019.
16. ACMA & SIAM, members visited to IIT- Madras, Research Park, to explore opportunities to engage with start-ups at the campus on 29th November, 2019 in Chennai.
17. Meeting with Mr. Vinaya Asthana, Additional Commissioner, Govt. of Uttar Pradesh on 16th January, 2020.
18. 'Awareness session on E-Invoicing, E-Way Bill & New GST returns' on 9th March, 2020 in Pune.
19. Webinar on 'Govt directive for Payment of Salary & Wages during Lockdown & Its Legal Implications' 10th April, 2020.
20. Webinar on 'Preparedness for Compliances & other Challenges to be faced by CFOs post COVID-19' on 15th April, 2020.
21. Webinar by ACMA- EY Webcast on 'COVID-19 Risks: Building a resilient enterprise' 20th April, 2020.
22. ACMA in collaboration with PDS Legal organized a webcast on the topic, 'COVID-19 Legal issues', on 9th May, 2020.
23. Online session on 'Recent Economic Revival Package' announced by the Govt. of India on 28th May, 2020.

*\*Illustrative*





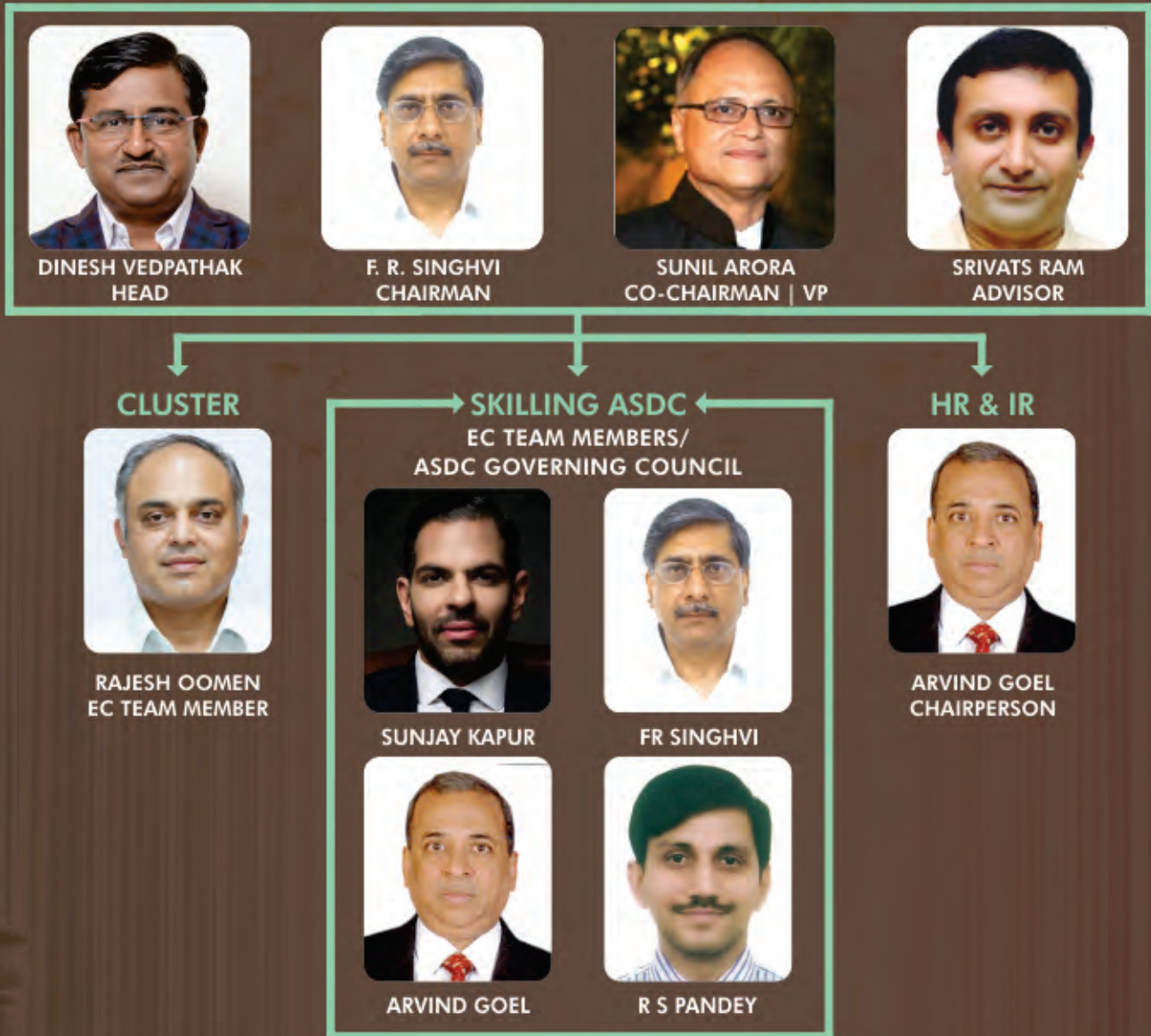
## ACMA PILLAR 3

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**SKILLING, EDUCATION  
TRAINING & MENTORSHIP**

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# PILLAR STRUCTURE



## KEY INITIATIVES

Annual HR Conclave (West+North)  
HR Best Practise Sharing  
Session on Compensation Survey  
Domestic OEM Missions  
(West, North & South)  
Annual interaction with President & VP

## WEBINARS

Webinar by ACMA and Frost & Sullivan on 'Aftermarket Outlook 2020'  
Online training program on 'Strategies for Cyber Security'  
Webinar on 'Talent Management during Crisis'  
Webinar on 'Manufacturing in Uncertain Times & How to Fast Track Operations'  
Webinar by Digital CFT on 'Impact of COVID-19 on Quality Manufacturing'  
Webinar on 'Mind Management & Holistic Well Being'

## PILLAR 3 - EDUCATION, SKILLING, TRAINING & MENTORSHIP

### INTRODUCTION

#### The objectives of the pillar includes:

- To engage with all ACMA members to
  - assess and certify
  - Support to achieve improvements from current status to reach to higher levels.
  - ACMA buyers guide to include ratings of the membership
- Engage with OEMs / Tier-1 companies to ensure that the entire supply chain is enrolled in ACMA cluster programs and support them to achieve higher efficiencies and effectiveness in value chain.
- Bring Membership development activities on surface by use of digital media
- Mentor young talent to make them leaders for tomorrow
- To organise and drive Clusters/ Trainings/ Summits /Conferences (National/ Regional) for understanding challenges and how to best leverage Operational Excellence, Future Manufacturing Technologies
- International trainings
- Create and expand pool of experts in every business function that will enhance business growth of membership
- Create Center of Excellence in all 4 regions to develop skill and talent across PAN India and support membership across India
- Design and develop programs, training and skill development activities
- Support Indian Governments vision of Skill India in Auto sector.
- Streamline Trainings / Certification / Competitions across PAN India to cover needs of entire auto sector governed through single window of ACMA Pillar 3
- Connect Nationally / internationally with various relevant institutions/ associations for benchmarking skill and education
- Engage with institutes to create industry ready students
- Recognize membership through ACMA Awards or other methods

### ACTIVITY HIGHLIGHTS: 2019-20

1. Day-long Session on 8 dimensions of Quality & Problem solving tools in Quality improvement on 5th June, 2019 in Jamshedpur.
2. In house training Analytical thinking, Problem solving & Decision making on 13th July, 2019 in Jamshedpur.
3. 19th batch of Six Sigma Black Belt Certification Program on 20th to 22nd June, 2019 in New Delhi.
4. Workshop with Tec-Alliance on Digital Aftermarket for Building Independent Aftermarket Open Catalogue on 25th June, 2019 in New Delhi.
5. Day-long Training program on FMEA on 3rd July, 2019 in Rudrapur.
6. 2nd Regional Six Sigma Competition on 22nd July, 2019.
7. Training on Inventory Turn Ratio on 26th June, 2019 at Minda Corporation Limited.
8. 1st Zonal Kaizen Contest on 22nd June, 2019 in Chennai.
9. 2nd Edition of Zonal Kaizen Contest on 7th June, 2019 in Bangalore.
10. 14th Quality Circle Competition on 20th July, 2019 in Bengaluru.
11. 5th ACMA-Toyota Kirlaskar Auto Parts (TKAP) Karakuri workshop on 18th to 20th June, 2019 at TKAP.
12. Workshop in Tamil on Holistic Approach to Quality on July 29, 2019 at Chennai.
13. 2 day-long workshop on 'Failsafing' on 6th - 7th June, 2019 at Pune.
14. 5th 'Zonal Quality Circle Competition' in Gujarat Zone on 15th June, 2019 in Ahmedabad.
15. 24th edition of HR Forum Meeting on 20th June, 2019 at Pune.
16. Day-long session on '10 Golden Rules of Warehouse Management' on 25th June, 2019 in Pune.
17. Six Sigma Green Belt Certification Program on 8th - 9th July, 2019 in Pune.
18. Visit & interactive session with Krishna Maruti Ltd. and SKH Y-Tec India Pvt. Ltd., on 10th July, 2019 in Ahmedabad.
19. 2 Day workshop on 'Excel Yourself in Microsoft Excel' on 12th - 13th July, 2019 in Pune.
20. 14th Annual Regional Quality Circle Competition on 17th July, 2019 in Pune.
21. HR Conclave on 'Preparing the industry for next generation mobility' on 23rd July, 2019 in New Delhi.
22. Session on 'on 5S: Workplace Organization' on 3rd August, 2019 at Jamshedpur.
23. Interaction of members with Mr. Sanjay Sabharwal, Chairman, ACMA (ER) on 12th August, 2019 at Jamshedpur.
24. Day-long Leadership appreciation program on 29th August, 2019 at Jamshedpur.
25. 14th National Quality Circle Competition on 13th August, 2019, New Delhi.

26. Training on Cycle Time & Cost Reduction through 'Process Parameter Optimization' Using 'Variable Search Methodology' on 22nd - 23rd August, 2019 in New Delhi.
27. Training program on Zero Defect Manufacturing through Statistical Technique on 18th September, 2019 in Rudrapur.
28. Day long training on Daily Work Management (DWM) on 30th September, 2019.
29. Invitational Golf Tournament 2019 on 3rd August, 2019 at Prestige Golfshire, Bengaluru.
30. First Zonal SMED Competition on 23rd August, 2019 in ACMA Office, Chennai.
31. Quiz Competition on 'Quality & Business' on 26th September, 2019 in Chennai.
32. Six Sigma Green Belt Certification Program from 8th - 10th July, 2019 & from 12th - 13th August, 2019 in Pune.
33. Workshop on 'Daily Work Management' on 22nd - 23rd August, 2019 in Pune.
34. Training on 'IATF Internal Auditor Training' on 28th - 29th August 2019, in Ahmedabad.
35. 25th WR HR Forum meeting on 9th September 2019, in Pune.
36. 7th Kaizen Competition in Gujarat Zone on 21st September, 2019 in Ahmedabad.
37. 4th ACMA WR HR Forum Meeting on 30th August 2019, Ahmedabad.
38. 1st Kaizen competition in Madhya Pradesh Zone on 28th September, 2019 at Indore.
39. Session on Occupational Health & Safety Management on 12th October, 2019 in Jamshedpur.
40. 1 Day session on 'Cost awareness & Cost Reduction' on 29th November, 2019 in Jamshedpur.
41. Day long training program on 'AIAG - VDA FMEA' on 15th October, 2019 at New Delhi.
42. Organised training program to 'Train the Trainer' (ToT) on 19th November, 2019 in New Delhi.
43. Quiz Competition on Quality, Safety and 5S on 18th October, 2019 in Bangalore.
44. 2ND Zonal Low Cost Automation (LCA) Competition on 19th October, 2019 at Chennai.
45. 2 Day workshop on 'Learn Cost Reduction, using Value Stream Mapping' on 22nd - 23rd October, 2019 in Pune.
46. Visit & Interaction with Caparo Engineering India Ltd. on 23rd October, 2019 in Gujarat.
47. Visit & Interaction with MAHLE Engine Components India Pvt. Ltd on 7th November, 2019 in Madhya Pradesh.
48. Session on 'Lean is for Innovation' on 13th November, 2019 in Ahmedabad.
49. Workshop on 'Making Presentations with Impact' on 14th - 15th November, 2019 in Pune.
50. 1st Indoor Games Competition on 24th November, 2019 at Ahmedabad.
51. HR Initiative organised 'Session on Revised Compliances' on 7th November, 2019 in Gurugram.
52. Workshop on 'Project Management for Manufacturing & Exports' from 18th - 19th December, 2019 at Jamshedpur.
53. Session on 'Production Part Approval Process' on 12th December, 2019 in Jamshedpur.
54. Session on 'Failure Mode Effect Analysis' (FMEA) on 9th January, 2020 in Jamshedpur.
55. Training program on 'Data Analytics through Advanced Excel' on 6th December, 2019 in New Delhi.
56. Assessment & Certification Ceremony of 19th Batch of Six Sigma Black Belt Certification Program (Level 1) from 12th - 14th December, 2019 in New Delhi.
57. Annual interaction with Mr. Deepak Jain, President, ACMA and Mr. Sunjay Kapur, Vice President, ACMA on 19th December, 2019 in New Delhi.
58. Awareness Workshop on 5S on 15th January, 2020 at New Delhi.
59. Training Program on 'Statutory Compliances & Salient Features with emphasis on EPF, ESI, CLRA, Gratuity & MP Acts' on 17th January, 2020 in New Delhi.
60. Workshop on 'Enhancing Exports & Manufacturing Capabilities through Project Management' from 21st - 22nd January, 2020.
61. Training program on 'Advanced Excel' from 22nd - 23rd January, 2020 in Uttarakhand.
62. ACMA organised 'Road Safety week' in the Uttarakhand Zone on 30th January, 2020.
63. Interactions for sharing of best practices amongst ACMA member companies, visited India Yamaha Motor Ltd. on 30th January, 2020.
64. Certification Program on Design of Experiments on 13th December, 2019 at Chennai.

65. Workshop on Inventory Management on 16th Dec 2019, in Bangalore.
66. 11th edition of Kaizen Contest on 21st December, 2019 in Chennai.
67. Quiz Competition on 07th January, 2020 at ACMA office, Bangalore.
68. Certification Program on 8D Problem Solving Techniques in Tamil on 24th January, 2020 at ACMA Office, Chennai.
69. Workshop on 'Project Management for Manufacturing & Exports' on 6th - 7th December 2019 in Pune.
70. Session on 'Managing the Automotive Downturn Effectively' on 13th December, 2019 in Pune.
71. 10th edition of Annual Regional Kaizen Competition on 17th December, 2019 in Pune.
72. 3rd edition of Indoor Games Competition on 12th January, 2020 in Pune.
73. Workshop on 'Cycle Time & Cost Reduction, through Process Optimization using Variable Search Methodology' on 16th to 17th January, 2020 in Pune.
74. HR Forum, organized खेलकूद - 5th Indoor Games Competition on 4th December, 2019 in Gurugram.
75. Interactive session with Wadhvani foundation on 14th February, 2020 in Jamshedpur.
76. 10th edition of Invitational Golf Tournament on 9th February, 2020, at Jaypee Greens Golf Course Greater Noida.
77. Training program on Planning, Organizing & Goal Setting on 18th February, 2020 at Minda Industries, Naharpur.
78. Training program on Measurement System Analysis & Statistical Process Control on 22nd - 23rd February, 2020 at Rudrapur.
79. Training program on 'First Aid' for AAM India Mfg. Pvt. Ltd. of Uttarakhand zone on 27th - 28th February, 2020.
80. Conference on Value Creation through the Optimization of Supply Chain on 5th March, 2020 in New Delhi.
81. Awareness session on E-Invoicing, E-Way Bill & New GST returns on 3rd February, 2020 at IBM, Bangalore.
82. 9th Regional SMED & 4th Poka Yoke competition on 15th February, 2020 in Chennai.
83. 6th batch of ACMA-Toyota Kirloskar Auto Parts (TKAP) Karakuri workshop from 18th - 20th February, 2020 at the facilities of TKAP.
84. Training session on Industrial Safety on 4th February, 2020 at Pune.
85. 2nd Human Resource & Industrial Relation on 12th February, 2020 in Ahmedabad.
86. Workshop on Inventory Management & E-Kanban on 17th and 18th February, 2020 in Pune.
87. 5th Best Practices Competition - Gujarat Zone on 28th February, 2020 in Ahmedabad.

## WEBINARS

1. Online training program on 'Strategies for Peak Performance' on 23rd April, 2020.
2. Online Training on 'Best Practices & Hygiene' for work from home on 22nd April, 2020.
3. Webinar by ACMA and Frost & Sullivan on 'Aftermarket Outlook 2020' on 23rd April, 2020.
4. Online training program on 'Strategies for Cyber Security' on 30th April, 2020.
5. Webinar on 'Talent Management during Crisis' 13th May, 2020.
6. Online training for the members and non-members, on IATF, on 14th May, 2020.
7. Online training program on 'Manufacturing in Uncertain Times & How to Fast Track Operations' in this time of social distancing on 30th April, 2020.
8. Online interaction & special meeting of the Regional Committee and with President & Vice President ACMA, on 1st April 2020
9. Webinar on 'Preparedness for Restart after Lockdown of Covid-19' 23rd April, 2020.
10. Webinar by Digital CFT, in Association with NASSCOM CoE on enhancing office productivity using the tools of G-Suite.
11. 4th ACMA Help Kiosk conducted through Google Meet on 22nd May, 2020.
12. Online awareness session on 'Six Sigma & How to do Six Sigma Projects using Non-Statistical approach in Manufacturing Process' on 16th May, 2020.
13. Webinar on 'Brainstorming & Sharing of Best Practice on Reopening of Plants after Lockdown' 8th April, 2020.
14. Webinar on 'Deploying Six Sigma Methodology using Non-Statistical Approach' on 9th April, 2020.
15. Webinar on 'Survive - Revive - Thrive using Theory of

- Constraints (TOC) principles' on 21st April, 2020.
16. Webinar and Certification Session on 'Six sigma using Non-Statistical approach' on 22nd - 2nd May, 2020.
  17. Online session on 'Impact of COVID-19 on Quality Manufacturing' on 25th April, 2020.
  18. Online session on 'Learn to live with Corona' on 4th May, 2020.
  19. Online Training Program on 'Lean Foundations and 6S' on 6th - 8th May, 2020.
  20. ACMA, organized the four Webinar sessions on 'Manufacturing Process Cycle time & Cost reduction through Parameter Design and Optimization' on 11th - 14th May, 2020.
  21. Webinar on 'Mind Management & Holistic Well Being' on 23rd May, 2020.
  22. Online Session on 'Managing People in COVID-19 Times' on 24th April, 2020.
  23. Webinar on 'The Automotive Aftermarket Outlook 2020' on 23 April, 2020
  24. Panel discussion on Challenges and Opportunities for the Automotive Aftermarket Post Covid 19 on 1st May, 2020
  25. Webinar on "Digital Initiatives to Secure Aftermarket Business with Social Distancing and Changing Customer Needs" on 3rd July, 2020

## GLIMPSE OF EVENTS















**ACMA PILLAR 4**

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**STRATEGIC  
PARTNERSHIP**

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## PILLAR STRUCTURE



AMIT MUKHERJEE  
HEAD



VIKRAMPATI SINGHANIA  
CHAIRMAN



ANJALI SINGH (N)  
CO-CHAIRMAN



JAYANT DAVAR  
ADVISOR

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### KEY INITIATIVES

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Awareness workshop on 'ACMA Capital Raise'

MoU signing between India and Changwon Industrial Area

SME Technology Partnership Meet

CEOs Round Table Meet, on 'Global Trends Impacting the India Automotive Industry'

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## PILLAR 4 - STRATEGIC PARTNERSHIPS

### INTRODUCTION

- The objectives of the pillar includes:
- Provide 360 perspective to members on inorganic growth
- To enhance knowledge of membership on Inorganic Growth and provide an understanding:
  - how to leverage such partnerships to access Technology
  - expanding footprint globally (brown field and green field) and in domestic market
- To create a mechanism/ Deal tracker to include
  - M&A, JVs/ TAs happening domestically and globally
  - Foreign investments : PE or Acquisition / Domestic investments : Greenfield or Brownfield
- Create a Mentorship Group (from large tier 1 companies) to help the SMEs for directional support (in a limited way) in to clarify doubts with respect to JVs, TA and M&As
- To organise Regional workshops on how to navigate JV / TA and M&As
- Match making Expos with automotive nations like

Japan, Germany, UK, South Korea for JV/ Collaboration/Partnership

- International associates - Creating a strong global network of 'Associations of Component Manufacturers' for mutual co-operation, business development and organising a Global Summit in India as well as overseas, which could provide insights into futurist trends and a networking platform for industry leaders.

### ACTIVITY HIGHLIGHTS: 2019-20

- Awareness workshop on 'ACMA Capital Raise': Facilitation Platform for Raising Capital for Small/ Mid-Sized Companies on 28th May to 3rd June, 2019 respectively in New Delhi, Pune and Chennai.
- MoU signing between India and Changwon Industrial Area on 14th October, 2019 in South Korea.
- SME Technology Partnership Meet, alongside Auto Expo on 7th February, 2020 in New Delhi.
- CEOs Round Table Meet, on 'Global Trends Impacting the Indian Automobile Industry' on 4th February, 2020 in New Delhi.









## ACMA PILLAR 5

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**INDUSTRY & ACMA IMAGE/  
PR & COMMUNICATION**

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## PILLAR STRUCTURE



VINNIE MEHTA  
CHAIRMAN



DEEPAK JAIN  
CHAIRPERSON

# PILLAR 5 - INDUSTRY, ACMA IMAGE, PR & COMMUNICATIONS

## INTRODUCTION

The objectives of the pillar includes:

- To support and uplift the overall brand of the industry and the association.
- Bring awareness and visibility for the significant contribution made by auto component industry and by ACMA to stake holders
- Provide visibility to various ACMA activities and initiatives in both domestic and international markets.
- Using Public Relation and Social Media as tools to bring high visibility to the ACMA brand among internal and external audiences
- Using Public Relation Activity i.e. newspapers, trade magazines, electronic channels, radio, online portals

and wires to disseminate the information on ACMA initiatives.

- Social Media Engagements - Establish ACMA as the prime community for Auto Components and Automotive Industry Professionals for both OEM business and Aftermarket on social channels
- Build awareness – on industry updates, road safety, adoption of greener technology, pertinent campaigns etc., key events and other ACMA initiatives
- Reach out to the right audience, create interesting content and campaign to grow community through Facebook, LinkedIn, Twitter and Youtube
- Managing and Monitor Content on ACMA Website and ACMA App - Communicating and promoting ACMA initiatives on the above platforms

## ACMA IN PRESS - Traditional Media

### Auto sector must take a pause and recalibrate: ACMA chief

Deepak Jain says the industry needs time to recover from Covid-19 and over-regulation.

Deepak Jain, President of the Automotive Industry Manufacturers Association (AIMA), said the industry needs to take a pause and recalibrate after the challenges posed by the Covid-19 pandemic and over-regulation. He said the industry has lost its momentum and needs to focus on rebuilding its base. He also mentioned that the industry needs to focus on innovation and R&D to stay competitive in the global market.

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### competitive, sustainable supply chain in India - Mr. Deepak Jain, President, ACMA

### Auto firms say steering away from China will not be easy

Auto firms say steering away from China will not be easy. The industry is facing challenges in sourcing components from China, and many firms are looking for alternative suppliers. However, the transition is not easy due to the long history of sourcing from China and the high quality of Chinese components.

### Auto-parts sector may see \$3-3.5 b cut in capex in next two years: ACMA chief

The auto parts industry is bracing for a cut in capex of \$3-3.5 billion over the next two years in view of muted consumer sentiment in the automobile sector and the consequent excess capacity in the system. Demand is still low and the in-



With vehicle sales declining by 50 per cent compared to those in 2018-19, there will be significant excess capacity in the system. This could lead to some consolidation in the industry. There will be a strong focus on deep-localisation as the industry strives to de-risk itself from over-dependence on in-

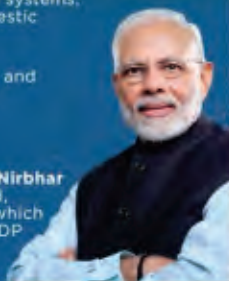
auto supply chain sector. "It is highly complex, integrated and interdependent. If any element, in any segment of the value-chain does not commence operations, the entire value chain will not be able to restart," he said. The ACMA chief felt a significant proportion of its members, which ar-

With the overarching message of Indians being #VocalForLocal, PM Narendra Modi announced the key steps that are being taken by GoI, and what citizens can do, to help India become self-reliant post #COVID-19

### KEY STEPS FOR INDIA TO BECOME SELF-RELIANT POST COVID-19

by Hon'ble PM Narendra Modi

1. Building India's 5 pillars - economy, infrastructure, tech-driven systems, vibrant demography, domestic demand & supply chain
2. Promoting self-sufficiency and not a self-centred system
3. Being 'vocal for local'
4. Rs. 20 lakh crore 'Aatma Nirbhar Abhiyan' package for land, labour, liquidity, and law, which amounts to 10% of total GDP



### Tools and Dies Industry: Post Covid19

**allenges**

**Sunil Kakkar**  
Executive Director, Supply Chain, MRF, Bengaluru, India

**Sunjay Kapur**  
Vice President, ACMA & Chairman, India Casting

**K V Praveen**  
Chairman, ITO, Mumbai, ACMA & Director - Purchasing, ITO, India & Australia, Mumbai

Automotive industry is one of the main growth drivers for Indian tools, dies and moulds industry and hence there is a need to collaborate more closely and improve the overall

## Auto components industry seeks govt support

PRESS TRUST OF INDIA  
New Delhi, March 27

**AUTO COMPONENTS INDUSTRY** body ACMA on Friday said it is taking a hit of

The Automotive Component Manufacturers Association urged the government to come up with a financial package, including

# Motobahn

**INTERVIEW: DEEPAK JAIN, President, Automotive Component Manufacturers Association of India**  
**It's an opportunity to make India the auto components factory of the world**

In 2019-20, the turnover of the Indian auto component sector will be ₹1,10,000 crore (US\$17 billion) as compared to ₹1,07,000 crore (US\$16.5 billion) in 2018-19. The sector also reported compound annual growth rate (CAGR) of 1.5% over the last five years. The COVID-19 crisis presents an opportunity for the Indian auto component sector to become a factory of the world. Vinod Chaudhary, President, Automotive Component Manufacturers Association of India (ACMA), in an interview with ET's Vikram Chaudhary, explains the role of ACMA in such a scenario and the steps to be taken to make India a global hub for auto components manufacturing. **ET's Vikram Chaudhary** is an award-winning journalist and author of the book 'The Indian Auto Industry: A Story of Growth and Challenges'.



## ACMA fears supply chain disruption due to delay in clearance of Chinese imports

**"The automotive value chain is a highly complex, interdependent one; non-availability of even a single component can lead to stoppage of the vehicle manufacture."**

ETAuto | Updated: June 29, 2020, 11:38:57 AM

New Delhi: Delay in clearances for imports from China has started wreaking havoc on the operation of Indian auto industry. Auto component body ACMA on Monday said that the situation is changing everyday and the next two-three weeks will be the "hottest test". There is no clarity on the immediate relaxation of borrowing norms and statutory payments, extension of moratorium on payment of interest on loans and other financial obligations. The industry is also worried about the impact of the lockdown on the demand for auto components. ACMA is also worried about the impact of the lockdown on the demand for auto components. ACMA is also worried about the impact of the lockdown on the demand for auto components.

## Auto component industry may end current fiscal in negative territory: ACMA

The Automotive Component Manufacturers Association (ACMA) also expects the first half of the next financial year to remain challenging for the industry, relatively better in the second half of

In the wake of #COVID19, most economies would look inwards regarding the manufacturing ecosystem & an emergent scenario would be regions with self-sustaining supply chains - In that sense, there is a great opportunity for deep localisation - Mr. Vinnie Mehta, DG, ACMA



Manufacturers Association (ACMA) also expects the first half of the next financial year to remain challenging for the industry. It, however, expects a relatively better second half.

## 'Auto components industry losing up to ₹1,200 cr/day due to production disruption'

Retranchment of contract workers likely if the lockdown continues, warns ACMA

**Business Desk**  
 The impact of COVID-19 has led to a significant loss of revenue for the industry. ACMA is also worried about the impact of the lockdown on the demand for auto components. ACMA is also worried about the impact of the lockdown on the demand for auto components.

which is not immediately of demand, will lead to retrenchment of several employees. ACMA is also worried about the impact of the lockdown on the demand for auto components. ACMA is also worried about the impact of the lockdown on the demand for auto components.

the situation is changing everyday and the next two-three weeks will be the "hottest test". There is no clarity on the immediate relaxation of borrowing norms and statutory payments, extension of moratorium on payment of interest on loans and other financial obligations.

## Auto component industry to pay its 1 lakh temp workers full March salary: ACMA

President, ACMA, said that the industry will ensure that there is no financial hardship on the workers. ACMA is also worried about the impact of the lockdown on the demand for auto components. ACMA is also worried about the impact of the lockdown on the demand for auto components.

## India drives into BS-VI era with air pollution control in mind

While auto companies put in around Rs 40,000 crore to upgrade their facilities and products, the auto component industry chipped in with an investment of Rs 30,000 crore for the same.

## Imports clearance delay to hit production: SIAM, ACMA

FE BUREAU Chennai June 29 Society of Indian Automobile Manufacturers (SIAM) said that the industry is also worried about the impact of the lockdown on the demand for auto components. ACMA is also worried about the impact of the lockdown on the demand for auto components.

## ACMA IN PRESS - New Media

### CORONAVIRUS SCARE! AUTO PART MAKERS STUCK IN LIMBO

ACMA TO AUTO COs

Writing on behalf of all suppliers

UNITED SPIRITS 15 PMS MOVIES 488.60

ET NEWS

### LOCKDOWN EASING RIDING PAST THE COVID DISRUPTION

AUTO IN THE SPOTLIGHT

ACMA, SIAM & FADA TO GOVT

Sector Confronted With Total Disruption Across Value Chain

### INDIA DEBATE

INDIA-CHINA ECONOMIC DEBATE

AMIDST THE FRENZY, A CLEAR LOOK AT WHERE WE STAND

### ACMA

ROUNDTABLE DISCUSSION ON IMPACT OF COVID-19

Mr. Jayant Davar, Mr. Deepak Jain, Mr. Ashok Taneja

ET NEWS

### WHAT DO WE IMPORT?

BS VI Impact

China's dependence on India's auto components increased due to BS VI

Vinnie Mehta, Director General, ACMA

### ET NEWS

बड़ी खबर

दीपक जैन, प्रेसिडेंट, ACMA

पिछले 20 महीनों से ऑटो सेक्टर की हालत खराब



# FUTURE READY INITIATIVES

## YBLF

1. 3 Day-long workshop on Mechatronics (Factory Automation) from 27th -29th June, 2019 at Sonipat.
2. 2 Day-long workshop on 'Workplace Safety' from 3rd -4th July, 2019 at ACoE's Sonipat.
3. Visits to Bajaj Auto Ltd. & Metalman Auto Pvt. Ltd. on 22nd - 23rd August, 2019 in Pune & Aurangabad respectively.
4. Interaction with Mr. Rajesh Jejuriyar, President, Farm Equipment Sector, M&M on 20th September, 2019 in Mumbai.
5. Organised visit to Mindarika Pvt. Ltd. & RSB Transmissions (I) Ltd. on 25th & 26th November, 2019 in Pune.
6. Initiative to explore the Israel's Start-up ecosystem & strengthen the existing linkages, visited Isreal from 15th - 19th December, 2019.
7. Visit to Padmini VNA Mechatronics & Interaction with Mr. Kabir Bhandari, Managing Director, Padmini VNA Mechatronics on 24th January, 2020 in Gurugram.
8. Interactive session with Mr. Ashok Taneja, MD & CEO, Shriram Pistons & Rings Ltd. on VUCA 2.0 on 28th February, 2020 in New Delhi.
9. Relation Management Program with Mr. Homi Mulla, Process Facilitator & Consultant, HR Management from 2nd - 7th March, 2020 at Lonavala.

### WEBINARS

1. Virtual Fire Side Chat with Mr. Hemant Luthra Advisor, Clayton, Dubilier & Rice: 29th April, 2020.
2. Webinar on Collaborative Learning & Interactive Session to Tackle the Effects of COVID-19: 25th April, 20





# FUTURE READY INITIATIVES

## ACMA, CENTER OF EXCELLENCE (ACoE)

1. Online session on 'Methods for Inventory less Production' on 10th April, 2020.
2. Online session on 'Preparedness for Restart after lockdown of Covid 19' on 13th April, 2020.
3. Online session on 'NPD Quality Control to achieve stable initial product quality' on 14th April, 2020.
4. Online session on 'Way to Operate with in Available Recourses' on 16th April, 2020.
5. Online session on 'Methods for Inventory Less Production part-2' on 17th April, 2020.
6. Online session on 'Way to Manage Supply Chain in Adverse condition' on 20th April, 2020.
7. Online session on 'EV AT a Glance to Major Components, Li-ion Battery & BMS' on 22nd April, 2020.
8. Online Session on 'Driving New Product Development in Express Mode' on 24th April, 2020.
9. Online session on 'Preparedness for restart after lockdown of Covid-19 ' 27th April, 2020.
10. Online session on 'Introduction to 3D experience platform' with (ACMA, EDS and Dassault System) on 28th April, 2020.
11. Online session on 'A curtain raiser on various new programs rapidly, in post-lockdown market' 29th April, 2020.
12. Online session on 'Motivational Session on Learn How to get motivated, motivate your teams and leaders to mitigate tough times' on 30th April, 2020.
13. Online session on 'Ways to keep employees motivated in turbulent times' on 5th May, 2020.
14. Online session on 'Metal 3D Printing Simulation: How Simufact Additive, changing way for Prototyping and Production MSC Software' on 7th May, 2020.
15. Online Session on 'Quality improvements through Shainin DOE technique' on 8th May, 2020.
16. Online Session on 'Principles of Quality Management' on 12th May, 2020.
17. Online session on 'Welding & Brazing Simulation: Thermal Joining made easy by Simufact Welding (Hexagon)' on 14th May, 2020.
18. Online Session on 'Ways to stabilize New Product Quality at initial production' on 15th May, 2020.
19. Online session on 'EV - At a Glance Major Components - Powertrain' on 19th May, 2020.
20. Online session on 'Recommendation for Lubricants for Various Industrial applications by HPCL' on 20th May, 2020.
21. Online session on 'Methods for Inventory less production with New Methods of Shop floor Layouts' on 22nd May, 2020.
22. Online session on 'Mathematics of Productivity and Synchronization of supply chain' 26th May, 2020.
23. Online session on 'Planning and Capacity Building for Automotive component makers' on 29th May, 2020.







## ACMA PUBLICATIONS | 2019-20

### ACMA regularly publishes the following newsletters:

- Auto News, which is published every two months and covers industry related updates and the association's activities over the period under review



- Impact (earlier known as ACT Now), which is published every quarter by the ACMA Centre of Technology (ACT). It covers the centre's activities and gives insights into best global practices for productivity, quality, technology and profitability



### New Mantra For Skilling - Learn, Unlearn, Relearn

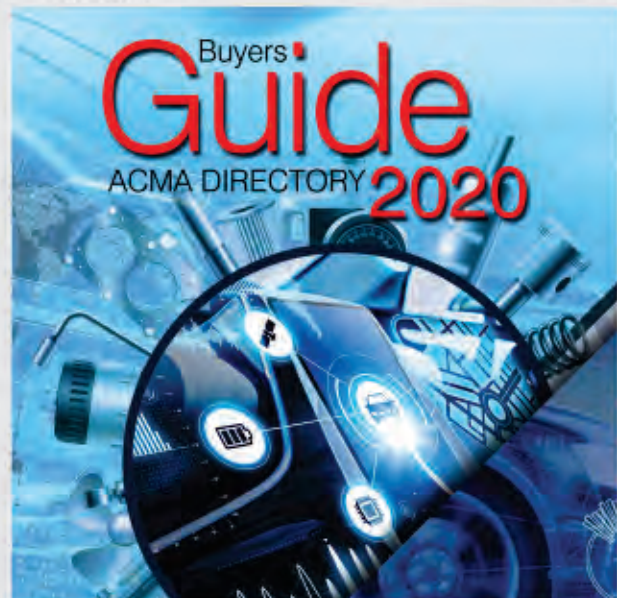


SHAPING THE  
NEW NORMAL

- Saksham Samvad: A quarterly newsletter is a medium through which ACMA, intends to showcase highlights of the events, programs, insights and offering from SAKSHAM (ACMA Center of Excellence). It will serve as a window into the world of unlimited bank of knowledge and experience shared by the professionals in training programs and other relevant events conducted at SAKSHAM.



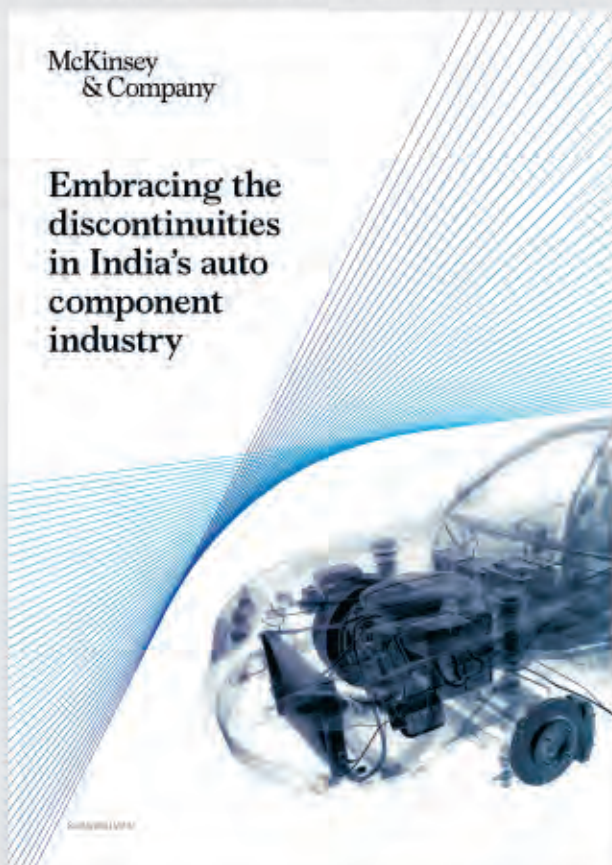
- The 35th edition of the ACMA Buyers Guide, profiles the auto component manufacturers in India and is the most authentic source of information on over 850 ACMA members.



In addition, there were certain major studies undertaken during 2019-20.

- 1. Embracing the discontinuities:** The robust growth of the automotive components industry (over 9 percent per annum) between FY 2009 and FY 2019 has been disrupted by a slowdown in automobile sales over the past several months. Concerns about the future of the industry are foremost among all stakeholders. How can auto component manufacturers best manage the ongoing slowdown? This report touches on some actions that could help. While the industry did not fully anticipate the current discontinuity<sup>1</sup>, it can anticipate and prepare for six impending discontinuities which form the focus of this report. Besides proposing strategic imperatives for auto component manufacturers in the emerging landscape, the report also outlines what other stakeholders (the government, industry bodies and original equipment manufacturers, or OEMs) can do to support auto component manufacturers in the future.

from defects caused by the use of sub-standard parts, or those lacking the required quality and conformance to specifications. India has one of the highest accident rates in the world – almost 20 people die in accidents every hour. Sub-standard components and poor service quality are two key reasons contributing to accidents related to vehicular defects. Apart from adverse impact on safety, poor quality of components has an adverse impact on emissions as well as road worthiness of vehicles.



- 2. Guidelines for Automotive Aftermarket:** The Indian automotive aftermarket is estimated at ~INR 68,000 crore (~USD 9.7 billion) in 2018-19 and is expected to touch ~INR 75,000 crore (~USD 10.7 billion) by 2020<sup>2</sup>. However, the aftermarket has lagged significantly in terms of adherence to product quality. According to the Indian Automotive Aftermarket Study conducted by ACMA in 2016, as much as 36% of the parts sold in the Indian aftermarket could be of sub-standard quality, of which close to 5% of the parts could possibly be counterfeit. This has continued to pose serious threat to the safety of vehicle owners, resulting

**Report on drafting guidelines for the automotive aftermarket in India**

January 2020



SHAPING THE NEW NORMAL



## PEOPLE AT ACMA

## PAST PRESIDENTS

Dr. Pranlal Patel (Late)	1959-1966	Mr. K. Mahesh (Late)	1996-1998
Mr. M.K. Raju (Late)	1966-1968	Mr. Dinesh Munot	1998-1999
Mr. W.N. Talwar (Late)	1968-1970	Mr. V.K. Mehta	1999-2000
Mr. P.V. Shah (Late)	1970-1971	Mr. L. Ganesh	2000-2001
Mrs. Sharayu Daftary	1971-1972	Mr. K. Kejriwal	2001-2002
Mr. M.S. Shastri (Late)	1972-1973	Mr. Deep Kapuria	2002-2003
Mr. D.R. Sondhi (Late)	1973-1974	Mr. K.V. Shetty (Late)	2003-2004
Mr. V.R. Sivaraman (Late)	1974-1975	Mr. Deep Kapuria	2004-2005
Mr. M.K. Jhawar (Late)	1975-1976	Mr. A.K. Taneja	2005-2006
Mr. Harjan Singh (Late)	1976-1977	Mr. Raghu Mody	2006-2007
Mr. S. Muthukrishnan (Late)	1977-1978	Mr. Sanjay Labroo	2007-2008
Mr. R. Bhandari	1978-1979	Mr. J. S. Chopra (Late)	2008-2009
Mr. N. Venkataraman (Late)	1979-1980	Mr. Jayant Davar	2009-2010
Mr. V. Chidambaram (Late)	1980-1981	Mr. Srivats Ram	2010-2011
Dr. Abhay N. Firodia	1981-1982	Mr. Arvind Kapur	2011-2012
Mr. Suresh Krishna	1982-1984	Mr. Surinder Kanwar	2012-2013
Mr. Pran Talwar (Late)	1984-1986	Mr. Harish Lakshman	2013-2014
Mr. L. Lakshman	1986-1987	Mr. Ramesh Suri	2014-2015
Mr. Amar Singh	1987-1989	Mr. Arvind Balaji	2015-2016
Mr. T.K. Balaji	1989-1991	Mr. Rattan Kapur	2016-2017
Dr. Surinder Kapur (Late)	1991-1992	Mr. Nirmal K. Minda	2017-2018
Mr. S. Viji	1992-1994	Mr. Ram Venkataramani	2018-2019
Mr. D.K. Jain	1994-1996		

## EXECUTIVE COMMITTEE

ELECTED MEMBER 2019-20	CO-OPTED MEMBER 2019-20	IMMEDIATE PAST PRESIDENT
Deepak Jain Lumax Industries Limited	Sunjay J Kapur Sona Comstar	Ram Venkataramani India Pistons Ltd.

## ELECTED MEMBERS

MEMBER	COMPANY
Mr. Sunil Arora	Abilities India Pistons & Rings Ltd.
Mr. Beni Daga	Baynee Industries
Mr. Sandeep N	Bosch Ltd.
Mr. A. Vishwanathani	Delphi-TVS Technologies Ltd.
Mr. Kirti Rathod	Delux Bearings Pvt. Ltd.
Ms. Pilloo C. Aga	GoldSeal-SaarGummi India Pvt. Ltd.
Mr. Ramashankar Pandey	Hella India Lighting Ltd.
Dr. Alka Kaul	Horizon Industrial Products Pvt. Ltd.
Mr. Ramachandra Rao	Indo Schottle Auto Parts Pvt. Ltd.
Mr. Nishant Arya	JBM Auto Ltd.
Mr. Piyush Munot	KCTR Varsha Automotive Pvt. Ltd.
Mr. Navin Paul	Minda Industries Ltd.
Ms. Harshbeena Zaveri	NRB Bearings Ltd.
Mr. Killol Kamani	Samarth Engineering Co. Pvt. Ltd.
Mr. F. R. Singhvi	Sansera Engineering Ltd.
Mr. Jagdeep Singh Rangar	Stork Rubber Products Pvt. Ltd.
Mr. Rajesh Oommen	Sundaram Auto Components Ltd.
Mr. Arvind Goel	TATA AutoComp Systems Ltd.
Mr. Pranav Kapuria	Hi-Tech Gears Ltd.
Mr. P. Kanippan	ZF Group, Commercial Vehicle Control Systems, WABCO India Limited
Mr. Utkarsh Dinesh Munot	ZF Steering Gear (India) Limited

## CO-OPTED MEMBERS

MEMBER	COMPANY
Mr. Sunjay J Kapur	Sona Comstar
Mr. Saurabh Poddar	Sellowrap Industries Pvt. Ltd.
Ms. Anjali Singh	Anand Automovite Pvt. Ltd.
Mr. Vikrampati Singhania	J.K. Fenner (India) Ltd.
Mr. Arjun Jindal	Machino Polymers Ltd.

## SPECIAL INVITEES

MEMBER	COMPANY
Mr. Pawan Choudhary	Hindustan Composites Ltd.
Mr. Sanjay Malhotra	Jumps Auto Industries Ltd.
Mr. Nitin Bahl	Radiant Polymers Ltd.
Mr. Nishit Behera	RSB Transmission (I) Ltd.
Mr. Rohit Saboo	National Engineering Industries Ltd.
Mr. Satish Machani	Stumpp Schuele & Somappa Springs Pvt. Ltd.

## REGIONAL CHAIRPERSONS

MEMBER	COMPANY
<b>EASTERN REGION</b> - Mr. Sanjay Sabherwal	Metaldyne Industries Ltd.
<b>NORTHERN REGION</b> - Mr. Deepak Chopra	Spicer India Pvt. Ltd. (Anand Group)
<b>SOUTHERN REGION</b> - Mr. Shuba Kumar	Natesan Synchrocones Pvt. Ltd.
<b>WESTERN REGION</b> - Mr. Piyush I. Tamboli	Investment & Precision Castings Ltd.

## CO-REGIONAL CHAIRPERSONS

MEMBER	COMPANY
<b>EASTERN REGION</b> - Mr. Ranjot Singh	Emdet Jamshedpur Pvt. Ltd.
<b>NORTHERN REGION</b> - Ms. Shradha Suri Marwah	Subros Ltd.
<b>SOUTHERN REGION</b> - Mr. Murali Vaidyanathan	Hanon Automotive Systems India Pvt. Ltd.
<b>WESTERN REGION</b> - Mr. Saurabh Poddar	Sellowrap Industries Pvt. Ltd.

## ZONAL CO-ORDINATORS

## EASTERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. Tapas Sahu	Jamshedpur	Highco Engineers (P) Ltd.
Mr. Mayank Kejriwal	Kolkata	Kiswok Industries Pvt. Ltd.

## NORTHERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. U. S. Ahuja	Punjab & Himachal Pradesh	New Swan Enterprises
Mr. Hitesh Jain	Uttarakhand	Roop Polymers Ltd.
Mr. V. K. Jayaswal	Uttar Pradesh & Faridabad	Shriram Pistons & Rings Ltd.
Mr. Kiran Deshmukh	New Delhi, Haryana, Rajasthan	Sona BLW Precision Forging Ltd.

## SOUTHERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. Chakravarthi Chukkapalli	Andhra Pradesh	Kusalava International Ltd.
Mr. J. Sridhar	Chennai & Nearby	Magal Engg. Tech Pvt. Ltd.
Mr. S. Baligar	Karnataka & Hosur	Musashi

## WESTERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. Pawan Choudhary	Aurangabad	Hindustan Composites Ltd.
Mr. Gaurav Motwane	Nashik	MSL Driveline Systems Ltd.
Mr. Manoj Aggarwal	Central Gujrat	Krishna Maruti Ltd.
Mr. Devendra Jain	Pithampur/Dewas (MP)	Porwal Auto Components Ltd.
Mr. Samir Patel	Surashtra (Gujarat)	Orbit Bearings India Pvt. Ltd.
Mr. Kawal Deep Singh	Pune (Maharashtra)	Mubea Automotive Components India Pvt. Ltd.

## WORKFORCE 2019-20

### HEAD OFFICE

Anupam Kaushik  
Ashok Kumar  
Ashwani Kumar  
Binny Tomy  
Chandu Chaudhary  
Debashish Maity  
Deepak Rajput  
Eckta Lamba  
Harish Kapoor  
Muskan Jain  
Praveen Belwal  
Prem Kumar  
Rajeshwar Rai  
Rupender Kaushik  
Vijay Kanojia  
Vikram Saigal  
Vinnie Mehta

### EASTERN REGION

Vadivelan Gounder  
Rahul Kumar

### NORTHERN REGION

Deepti Panikker  
Hansraj Sarma  
Jairaj Kumar  
Mayank Nigam  
Meenakshi Narayanan

### SOUTHERN REGION

Abirami B.  
Anil Kumar Unni  
G Mani  
Neeraja S. Rao  
R. Hariram  
R. Raja Shekhar  
Suriya Nambisan

### WESTERN REGION

Akash Kumar  
Alok Pawar  
Ashwani Jotshi  
Ashwini Anupam Kulkarni  
Hemant Parmar  
Manish Singh  
Sandesh Taide  
Sudesh Janardhan Sutar  
Suhas Appa Padave

**PILLAR 1****BUSINESS  
DEVELOPMENT**

Abhishek Chopra  
Amit Mukherjee  
Lokesh Raina  
Monika S. Handa  
Niladri Mallick  
Pooja Sharma  
Rajat Gaur  
Sapna Vijh  
Sudip Guha Roy

**PILLAR 2****GOVERNMENT  
ADVOCACY,  
REGULATORY AND  
RESEARCH**

Seema Babal  
Sushil Rajput  
Vinnie Mehta

**PILLAR 3****SKILLING, EDUCATION  
& MENTORSHIP**

Abhinav Rastogi  
Aniket Khasnis  
Ankit Dhiman  
Atul Kr. Gupta  
Damodar Gupta  
Deepak Jain  
Dhanraj Kumavat  
Dinesh A. Vedpathak  
Eckta Lamba  
Ekta Agarwal  
Mahesh Gupta  
Raginee Singh  
Rajat Puri  
Rakesh Kumar  
Rupesh Sonania  
Sakshi S. Karkamkar  
Sanjay Kumar Pal  
Sanket Jadhav  
Sapna Milind Baravkar  
Smita Kulkarni  
Sonu Rawat  
Sunil Mutha  
Tanu Ahuja  
V K Sharma  
Vishal Saxena

**PILLAR 4****OVERSEAS  
INVESTMENTS  
AND INTERNATIONAL  
ALLIANCES**

Amit Mukherjee  
Anjali Nair

**PILLAR 5****INDUSTRY & ACMA  
IMAGE/PR &  
COMMUNICATION**

Upendra Singh  
Vinnie Mehta





## LIST OF MEMBERS

## A

A. G. Industries Pvt. Ltd.  
 A. Raymond Fasteners India Pvt. Ltd.  
 Aakar Foundry Pvt. Ltd.  
 AAM India Manufacturing Corporation Pvt. Ltd.  
 Aar Aar Technoplast Pvt. Ltd.  
 Aarupadai Veedu Institute of Technology  
 Abhijeet Industries Pvt. Ltd.  
 Abhijeet Plastics India Pvt. Ltd. Unit III  
 Abhijeet Techno-Plast (I) Pvt. Ltd.  
 Abilities India Pistons & Rings Ltd.  
 Able Spring Manufacturers  
 Accolade Electronics Pvt. Ltd.  
 Accurate Products Corporation Pvt. Ltd.  
 Ace International  
 Acey Engineering Pvt. Ltd.  
 Adient India Pvt. Ltd.  
 Aditya Auto Products & Engineering (I) Pvt. Ltd.  
 ADM Jointflex India Pvt. Ltd.  
 Admach Auto India Ltd.  
 Advance Cable Technologies Pvt. Ltd.  
 Advance Forgings Pvt. Ltd.  
 Advance Industries  
 Advik Hi-Tech Pvt. Ltd.  
 Agni College of Technology  
 Agrasen Engineering Industries Ltd.  
 Agrim Components Pvt. Ltd.  
 AISIN Automotive Haryana Pvt. Ltd.  
 Ajit Industries Pvt. Ltd.  
 Akal Spring Ltd.  
 ALF Engineering Pvt. Ltd.  
 Alfa Flexitubes Pvt. Ltd.  
 Alfa Rubber & Springs Pvt. Ltd.  
 Alicon Castalloy Limited  
 Alkraf Thermotechnologies Pvt Ltd  
 All India Rubber Industries Association  
 Allena Auto Industries Pvt. Ltd.

Allied Autotech International Pvt. Ltd.  
 Allied JB Friction Pvt. Ltd.  
 Allied Nippon Ltd.  
 Allied Transmission & Gears Pvt. Ltd.  
 Almighty Auto Ancillary Pvt. Ltd.  
 ALP Nishikawa Company Pvt. Ltd.  
 Amalgamations Repco Ltd.  
 Amar Autotech Pvt. Ltd.  
 Amar Udyog  
 Ambattur Industrial Estate Manufacturers' Association (AIEMA)  
 Ambika Auto Industries  
 Ample Auto Tech Pvt. Ltd.  
 Amul Industries Pvt. Ltd.  
 Amvian Automotive Pvt Ltd  
 AMW Auto Component Ltd.  
 Anand Automotive Pvt. Ltd.  
 Anand CY Myutec Automotive Pvt. Ltd.  
 Anand I-Power Ltd.  
 Anand Motor Products Pvt. Ltd.  
 Anand NVH Products (P) Ltd.  
 Anand Piston International  
 Anest Iwata Motherson Pvt. Ltd.  
 Anu Industries Ltd.  
 Apex Transmission Pvt. Ltd.  
 Apls Automotive Industries Pvt. Ltd.  
 Aptiv Components India Private Limited  
 ARB Bearings Ltd  
 ARN Sealing Components  
 Arun Associates  
 Arvind Engineering Works Ltd.  
 Asahi India Glass Ltd.  
 Ashimori India Pvt Ltd.  
 Ashok Agencies  
 Ashok Iron Works Pvt. Ltd.  
 Ashra Consultants Pvt Ltd.  
 Ashutosh Rubber Pvt. Ltd.  
 ASK Automotive Pvt. Ltd.  
 ASP Sealing Products Ltd.

ASP Sealing Products Ltd.  
 Aspee Springs Ltd.  
 Associated Manufacturing LLP  
 Atop Fasteners Pvt. Ltd.  
 Audyogik Shikshan Mandal  
 Aurangabad Electricals Ltd.  
 Authentication Solution Providers' Association (ASPA)  
 Auto Cluster Development and Research Institute Ltd.  
 Auto Ignition Ltd.  
 Auto Pins (India) Ltd.  
 Auto Shell Perfect Moulder Ltd.  
 Autocomp Corporation Parase Pvt. Ltd.  
 Autocop (India) Pvt. Ltd.  
 Autofit Pvt. Ltd.  
 Autoflex Pvt. Ltd.  
 Autoliv India Pvt. Ltd.  
 Automotive Axles Ltd.  
 Automotive Valves Pvt. Ltd.  
 Autostart India Pvt. Ltd.  
 Autosys Industrial Solutions Private Limited  
 AVO Carbon India (P) Ltd.  
 AVR Valves Pvt. Ltd.  
 AVS Brake Linings Pvt. Ltd.  
 Avtec Ltd.  
 AVX Electronics Sensing & Control (I) Pvt. Ltd.  
 Axles India Ltd.

## B

B. J. Spring Ltd.  
 Badve Engineering Ltd.  
 Bajaj Motors Ltd.  
 Balu India  
 BALLKINGS  
 Banco Products (India) Ltd.  
 BAPL Rototech Pvt. Ltd.

## C

BASF Catalysts India Pvt. Ltd.
Baynee Industries
B-Catma
Bee Pee Engineering
Bellite Springs Pvt. Ltd.
Belmaks Pvt. Ltd.
Belmont Rubber Pvt. Ltd.
Benara Bearings & Pistons Ltd.
Benara Udyog Ltd.
Besmak Components Pvt. Ltd.
Besoto Starting Systems Pvt. Ltd.
Best Koki Automotive (P) Ltd.
Bharat Forge Ltd.
Bharat Gears Ltd.
Bharat Seats Ltd.
Bhavani Industries India LLP
Bhunit Engineering Company Pvt. Ltd.
Bimetal Bearings Ltd.
Bindra Motors Pvt. Ltd.
BMC Metalcast Pvt. Ltd.
Bohra Rubber Pvt. Ltd.
Bollhoff Fastenings Pvt. Ltd.
Bony Polymers Pvt. Ltd.
Borgwarner Cooling Systems India Pvt. Ltd.
BorgWarner Morse Systems India Private Ltd.
Bosch Chassis Systems India Pvt. Ltd.
Bosch Ltd.
Brady Company India Pvt. Ltd.
Brakes India Pvt. Ltd.
Brakewel Automotive Components (I) Pvt. Ltd.
Brembo Brake India Pvt. Ltd.
Brite Polytech Private Limited
Brose India Automotive Systems Pvt. Ltd.
BSA Corporation Ltd.
Bundy India Ltd.

Calex Auto
Caltherm Thermostats Pvt. Ltd.
Caporo Engineering India Ltd.
Carl Bechem Lubricants (India) Pvt. Ltd.
Carrier Wheels Pvt. Ltd.
Celestial Industries Pvt. Ltd.
CG Power and Industrial Solutions Ltd.
Chamber of Marathwada Industries and Agriculture
Chandok Automotive Manufacturers Ltd.
Chaphekar Engineering Pvt. Ltd.
Chopra Autotech Pvt. Ltd.
Chopra Industries Pvt. Ltd.
CI Car International Pvt. Ltd.
Circlips India Pvt. Ltd.
CLH Gasceous Fuel Applications Pvt. Ltd.
Climax Overseas Pvt. Ltd.
Comstar Automotive Technologies Pvt. Ltd.
Concentric Pumps Pune Pvt. Ltd.
Conic Automotive Pvt. Ltd.
Consult Techniques (I) Pvt Ltd
Continental Automotive Components (India) Pvt. Ltd.
Continental Engines Pvt. Ltd.
Cooper Corporation Pvt. Ltd.
Coventry Coil-O-Matic (HR) Ltd.
Crescent Foundry Co. Pvt. Ltd.
CRP (India) Pvt. Ltd.
Cummins Technologies India Ltd.

## D

Daejung Moparts Pvt. Ltd.
Dali & Samir Engineering Pvt. Ltd.
Dana India Pvt. Ltd.
Datta Industries
Deepak Industries Ltd. (Prop. of New Allenberry Works)
Delfingen India Pvt. Ltd.
Dell'orto India Pvt. Ltd.

Delphi-TVS Technologies Ltd.
Delta Electronics India Pvt. Ltd.
Delux Bearings Pvt. Ltd.
Denso International India Pvt. Ltd.
Deusch Kyosei Engineering Pvt Ltd
Deusch Motocomp Pvt. Ltd.
Devendra Autocom Pvt. Ltd.
Devilog Systems (India)
Dhoot Transmission Pvt. Ltd.
DIEHL Metal India Pvt. Ltd.
Donaldson India Filter Systems Pvt. Ltd.
Dr. M. G. R. Educational and Research Institute Trust
Drill Jig Bushing Co. (Madras) Pvt. Ltd.
DY Auto India Pvt. Ltd.
Dyna-K Automotive Stampings Pvt. Ltd.

## E

Eastern Alloys Pvt. Ltd.
Eaton Industrial Systems Pvt. Ltd.
Ecocat (India) Pvt. Ltd.
Econ Cylinders Private Limited
Ehara Industries
EL-Chico Clutch Pvt. Ltd.
Elcomponics Sales Pvt. Ltd.
Electromags - A Division of Bombay Burmah Trading Corp. Ltd.
Elofic Industries Ltd.
Emdet Jamshedpur Pvt. Ltd.
Emission Controls Manufacturers Association
Emkay Automobile Industries Ltd.
Emmbros Autocomp Ltd.
Enco Engineers Combine Pvt Ltd
Endurance Technologies Ltd.
Engineering Technologies
Essae Digitronics Pvt. Ltd.
Esteem Auto Pvt. Ltd.
Excel Controlinkage Private Limited
Exedy India Ltd.
Exotech Plastics Private Limited



## F

Fanuc India Private Ltd.
Faurecia Automotive Seating India Pvt. Ltd.
Faurecia Emissions Control Technologies India Pvt. Ltd.
Faurecia India Pvt. Ltd.
Federal-Mogul Goetze (India) Ltd.
Fiem Industries Ltd.
Filtrum Polymers Pvt Ltd
Fine Blanking Pvt. Ltd.
Fitco Engineers Pvt. Ltd.
Flash Electronics (I) Pvt. Ltd.
Fleetguard Filters Pvt. Ltd.
Flometallic India Private Limited
Flowwell Castings Pvt. Ltd.
Flywheel Ring Gears Pvt. Ltd.
Foundation Brake Manufacturing Pvt. Ltd.
Freudenberg-NOK Private Limited
Friends Castings Pvt. Ltd.
Furukawa Minda Electric Pvt. Ltd.

## G

G B Rubber Products
G I Auto Pvt. Ltd.
G. S. Auto International Ltd.
G. S. Autocomp Pvt. Ltd.
Gabriel India Ltd.
Gajra Gears Pvt. Ltd.
Gala Precision Engineering Pvt. Ltd.
Galaxy Bearings Ltd.
Galaxy Indicators (I) Pvt. Ltd.
Garrett Motion Technologies (India) Private Limited
Gatiman Auto Pvt. Ltd.
Gestamp Automotive Chennai Private Ltd.
GKDITR- Tooling Centre
GKN Driveline (India) Ltd.
GKN Sinter Metals Pvt. Ltd.
Global Automotive Components
Global Automotive Components (P) Ltd.

Global Autotech Ltd.
Global Liners
GNA Axles Ltd.
GNA Gears Ltd.
GNA Udyog Ltd.
Gold Seal-Saar Gummi India Pvt. Ltd.
Goldy Precision Stampings Pvt. Ltd.
Grace Infrastructure Pvt. Ltd.
Graziano Trasmissioni India Pvt. Ltd.
Greenfuel Energy Solutions Pvt. Ltd.
Grind Master Machines Pvt. Ltd.
Gulati Auto Electricals Pvt. Ltd.
Guru Nanak Auto Enterprises Ltd.

## H

Haldex India Pvt. Ltd.
Hampson Industries Pvt. Ltd.
Hanon Automotive Systems India Pvt Ltd
Hanon Climate Systems India Pvt. Ltd.
Happy Steels Pvt. Ltd.
Harinder Industries Pvt Ltd
Harita Fehrer Limited
Harita Seating Systems Ltd.
Harita-NTI Limited
Harsha Engineers Ltd.
Hella India Automotive Pvt Ltd.
Hella India Lighting Ltd.
Helvoet Rubber & Plastic Technologies (India) Pvt. Ltd.
Hero Cycles Ltd.
Highco Engineers (P) Ltd.
Highway Industries Ltd.
Hilux Auto Electric Pvt. Ltd.
Hi-Lux Automotive Pvt. Ltd.
HIM Teknoforge Ltd.
Hindustan Composites Ltd.
Hindustan Engineering Training Centre
Hitachi Automotive System Pune Pvt. Ltd.

Hitkari Hitech Fibres Pvt. Ltd.
Hodek Vibration Technologies Pvt. Ltd.
Horizon Industrial Products Pvt. Ltd.
Huf India Pvt. Ltd.

## I

I E Auto Industrial Enterprise Pvt. Ltd.
IFB Automotive Pvt. Ltd.
IFB Industries Ltd.
IM Gears Pvt. Ltd.
Imperial Auto Industries Ltd.
India Forge and Drop Stampings Ltd.
India Japan Lighting Pvt. Ltd.
India Nippon Electricals Ltd.
India Pistons Ltd.
Indian Diecasting Industries
Indication Foundry Organization
Indication Instruments Ltd.
Indo Autotech Ltd.
Indo-MIM Pvt. Ltd.
Indo-Schottle Auto Parts Pvt. Ltd.
Indo-Shell Mould Ltd.
Industrial Engineering Syndicate
Industrial Forge & Engineering Company Limited
Industrial Rubber Products
Industrial Del Recambio India Pvt. Ltd.
Infineon Technologies India Pvt. Ltd.
Injctoplast Pvt. Ltd.
Innova Rubbers Pvt. Ltd.
Integra Automation Pvt. Ltd.
Interface Microsystems
Inteva Products India Automotive Pvt. Ltd.
Investment & Precision Castings Ltd.
IP Rings Ltd.
IST Ltd.
Itriangle Infotech Private Limited
J. K. Fenner (India) Ltd.

## J

J. S. Enterprises
Jagan Lamps Ltd.
Jaidarshan Indocraft Pvt. Ltd.
Jalex Automotive Pvt. Ltd.
Jalex Tuboflex
Jamna Auto Industries Ltd.
Japji Enterprises
Jay Bharat Maruti Ltd.
Jay Switches (India) Pvt. Ltd.
Jay Ushin Ltd.
Jaya Hind Industries Ltd.
Jayanti Rubber Industries
Jayashree Polymers Pvt. Ltd.
Jaycee Castalloys Private Limited
Jayem Auto Industries Pvt. Ltd.
JBM Auto Ltd.
JBM Ogihara Automotive India Ltd.
JM Fricttech India Pvt. Ltd.
JRG Automotive Industries (I) Pvt. Ltd.
JSG Innotech Private Limited
JSK Bearings Company Pvt. Ltd.
JTEKT India Limited
Jumps Auto Industries Ltd.

## K

K. S. C. Engineers Pvt. Ltd.
K.R. Industries
Kach Motors Pvt. Ltd.
Kafila Forge Ltd.
Kalsi Engineering Company
Kalyani Forge Ltd.
Kamal CED Solutions LLP
Kaneri Enterprises
Karthikeya Industries
Kavia Engineering Private Ltd.
KCTR Varsha Automotive Pvt. Ltd.
Keihin India Manufacturing Pvt. Ltd.
Kems Forgings Ltd.
KIE Engineering Pvt. Ltd.
Kigotek Automotriz Pvt. Ltd.
Kiran Udyog

Kirat Plastics Pvt. Ltd.
Kirloskar Ferrous Industries Limited
Kishan Auto parts Pvt. Ltd.
Kiswok Industries Pvt. Ltd.
Klassic Wheels Pvt. Ltd.
Klassic Lamitex Pvt. Ltd.
KMP Manufacturing Company
Knorr-Bremse Systems for Commercial Vehicles India Pvt. Ltd.
Kobra Auto Motives
Kongovi Pvt. Ltd.
Kores (India) Ltd.
KOSTAL India Pvt. Ltd.
Kova Fasteners Pvt. Ltd.
Koyo Bearings India Pvt. Ltd.
KPIT Technologies Ltd.
Krishna Maruti Ltd.
Kross Limited
KSPG Automotive India Pvt. Ltd.
KSS Abhishek Safety Systems Pvt.Ltd.
Kulkarni Engineers
Kuma Supreme India Private Limited
Kunal Auto Industries Pvt. Ltd.
Kusalava International Ltd.

## L

L. G. Balakrishnan & Bros. Ltd.
Lakhani Rubber Works
Lasko Engineering Co.
Laxmi Metal Pressing Works Pvt. Ltd.
Lear Automotive India Pvt. Ltd.
Lee Spring Company India Pvt. Ltd.
Lifelong India Pvt. Ltd.
Linamar India Pvt. Ltd.
Litens Automotive (India) Pvt. Ltd.
LPS Bossard Pvt. Ltd.
Lucas TVS Ltd.
Lumax Auto Technologies Ltd.
Lumax Ancillary Limited
Lumax Cornaglia Auto Technologies Pvt. Ltd.

Lumax Industries Ltd.
Lumax Mannoh Allied Technologies Ltd.
Luthra Industrial Corporation

## M

M & M Machine Craft Pvt. Ltd.
M.D. Industries
M.K. Auto Industries
M.K. Auto Components India Ltd.
M.V.D. Auto Components Pvt. Ltd.
Maadhav Automotive Fasteners Pvt. Ltd.
Macas Automotive
Machino Plastics Ltd.
Machino Polymers Ltd.
Maco Pvt. Ltd.
Madhusudan Auto Ltd.
Madras Engineering Industries Pvt. Ltd.
Madras Radiators And Pressings Ltd.
Magal Engg. Tech Pvt. Ltd.
Magna Automotive Ltd.
Magna Automotive (India) Pvt. Ltd.
Magnum MI Steel Pvt. Ltd.
Mahavir Die Casters Pvt. Ltd.
Mahesh Industries
Mahindra CIE Automotive Ltd.
Mahindra Logistics Limited
MAHLE Anand Filter Systems Pvt. Ltd.
MAHLE Anand Thermal Systems Pvt. Ltd.
MAHLE Engine Components India Pvt. Ltd.
Maini Plastics and Compositeds Pvt. Ltd.
Maini Precision Products Ltd.
Makino Auto Industries Pvt. Ltd.
Makino Automotive
Maltown Electrics Pvt. Ltd.
Mandap International Pvt. Ltd.
Mandira Marketing Pvt. Ltd.
Mando Automotive India Pvt. Ltd.
Mangal Industries Ltd.
Mann and Hummel Filter Pvt. Ltd.
Mansons International Pvt. Ltd.
Marathwada Auto Compo Pvt. Ltd.



Marelli (India) Private Limited  
 Mark Exhaust Systems Ltd.  
 Marshall Machines Limited  
 Marsilli India Pvt. Ltd.  
 Marvel Vinyls Ltd.  
 Masstrans Technologies Private Limited  
 Masu Brakes Pvt. Ltd.  
 Maxop Engineering Co. Pvt. Ltd  
 Mayur Uniquoters Ltd.  
 Meenakshi Polymers Pvt. Ltd.  
 Mega Rubber Technologies Pvt. Ltd.  
 Megatrend Fabcon Pvt. Ltd.  
 Meghdoot Pistons Pvt. Ltd.  
 Mehta Automotive Pvt. Ltd.  
 Menata Automotive Components Pvt. Ltd.  
 Metaforge Engineering (India) Pvt. Ltd  
 Metal Form  
 Metaldyne Industries Ltd.  
 Metallic Auto Liners Pvt. Ltd.  
 Metalman Auto Pvt. Ltd.  
 Metalman Micro Turners  
 Metalsa India Pvt. Ltd.  
 Metexim (Sourcing) Pvt. Ltd.  
 Micron Enterprises  
 Microsign Products  
 Mikuni India Pvt. Ltd.  
 Milacron India Pvt. Ltd.  
 Minda Corporation Ltd.  
 Minda Industries Ltd.  
 Minda Stoneridge Instruments Ltd.  
 Minda Vast Access Systems Pvt. Ltd.  
 Mindarika Pvt. Ltd.  
 Mitsuba Sical India Ltd.  
 Mitsubishi Electric Automotive India Pvt. Ltd.  
 MKLIDE Auto Clutch Industries Ltd.  
 MM Auto Industries Limited  
 Mobis India Ltd.  
 Moonlight Auto Pvt. Ltd.  
 Motherson-Sumi Systems Ltd.  
 MSL Driveline Systems Limited  
 MSS Filtration Engineering Process Pvt. Ltd.

Mubea Automotive India Pvt. Ltd.  
 Mudhra Fine Blanc Private Limited  
 Mukesh Kumar & Sons (HUF)  
 Multitech Auto Pvt. Ltd.  
 Mungi Engineers Pvt. Ltd.  
 Munjal Auto Industries Ltd.  
 Munjal Kiriu Industries Pvt. Ltd.  
 Munjal Showa Ltd.  
 Musashi Auto Parts India Pvt. Ltd.  
 Mutha Founders Pvt. Ltd.  
 Muthayammal Educational Trust and Research Foundation  
 Mutual Automotve Pvt. Ltd.  
 Mutual Industries Ltd.  
 Muvtons Castors Pvt. Ltd.  
 NHK Automotive Components India Pvt. Ltd.  
 Nicks Auto Industries Pvt. Ltd.  
 Nifco India Pvt. Ltd.  
 Nipman Fastener Industries Pvt. Ltd.  
 Nippon Audiotronix Ltd.  
 Nippon Thermostat (India) Ltd.  
 Nissim India Pvt. Ltd.  
 Nitesh Auto Engineering Pvt. Ltd.  
 Norma Group Products India Pvt. Ltd.  
 Novoflex Industries Private Limited  
 NPL Bluesky Automotive Pvt. Ltd.  
 NRB Bearings Ltd.  
 NTF (India) Pvt. Ltd.

## N

Nachi Technology India Pvt. Ltd.  
 Nachimuthu Industrial Association  
 Nagata Auto Engineering India Private Limited  
 Napino Auto & Electronics Ltd.  
 Narasipur Auto Components Pvt. Ltd.  
 Nash Products  
 Natesan Synchrocones Pvt. Ltd.  
 National Engineering Industries Ltd.  
 National Piston Rings (India)  
 NATRIP Implementation Society (International Centre for Automotive Technology)

Nelcast Ltd.  
 Nematik Aluminium Castings India Pvt. Ltd.  
 Neolite ZKW Lightings Pvt. Ltd.  
 NeoSym Industry Ltd.  
 Nettur Technical Training Foundation  
 New Engineering Works  
 New Swan Autocomp (P) Ltd.  
 New Swan Enterprises  
 Nexteer Automotive India Pvt. Ltd.  
 NGK Spark Plugs (India) Pvt. Ltd.

## O

Ocap Chassis Parts Pvt. Ltd.  
 Oerlikon Friction Systems (India) Ltd.  
 Oetiker India Pvt. Ltd.  
 Okemo India  
 Omax Autos Ltd.  
 Onassis Auto Ltd.  
 Orbit Bearings India Pvt. Ltd.  
 Oswal Castings Pvt.Ltd.  
 Owari Precision Products (India) Pvt. Ltd.  
 Oxford Plast India Pvt. Ltd.

## P

Pacco Industrial Corporation  
 Padmini VNA Mechatronics Pvt. Ltd.  
 Paracoat Products Ltd.  
 Paradise Industrial Corporation  
 Paragon Industries  
 Paranjape Autocast Pvt. Ltd.  
 Paras Auto Industries  
 Parathasarathy Seeniammal Educational Trust  
 Parkash Automotive Industries (P) Ltd.  
 Paul Components Pvt. Ltd.  
 Pavna Industries Limited  
 Pearl Engineering Co.  
 Pee Aar Exim Pvt. Ltd.  
 Perfect Polymers

## Piano Presitel

Pinnacle Industries Ltd.

Plastic Omnium Auto Exteriors  
(India) Pvt. Ltd.

Plastometal Engg. (I) Pvt. Ltd.

Polyplastics Industries (India) Pvt. Ltd.

Pooja Forge Ltd.

Poona Shims Pvt. Ltd.

Porwal Auto Components Ltd.

Power Industries

Power source Engine Parts Pvt. Ltd.

Powermax Rubber Factory

PPAP Automotive Ltd.

Prabha Engineering Pvt. Ltd.

Pranav Vikas (India) Pvt. Ltd.

Precision Autowares Pvt. Ltd.

Precision Camshafts Ltd.

Precision Cups Pvt. Ltd.

Precision Engineering

Precision Profiles India

Precision Tech Enterprises

Precitek Components Pvt. Ltd.

Premier Plasmotec Pvt. Ltd.

Presco-Mec Autocomp Pvt. Ltd.

Pricol Ltd.

Prime Elastomers Pvt. Ltd.

Pritika Industries Ltd.

Production Aids &amp; Consultants (P) Ltd.

Progressive Gear Industries (P) Ltd.

Propel Metaltech

Prospective Engineering Works

Protectron Electromech Pvt. Ltd.

PRS Permacel Pvt. Ltd.

Punch Ratna Fasteners Pvt. Ltd.

Punjab Bevel Gears Ltd.

Purofil Auto (India) Pvt. Ltd.

Pushkar Techno Private Ltd.

PYN Autocomp Private Limited

## Q

QH Talbros Pvt. Ltd.

## R

R. E. Components Pvt. Ltd.

R.P. Autostyles

R.K. Profiles Pvt. Ltd.

RACL Geartech Ltd. (Formerly Raunaq  
Automotive Components Ltd.

Radhey Autotech

Radiant Polymers Pvt. Ltd.

Rahul Wire Ropes

Rajatdeep Overseas Pvt. Ltd.

Rajhans Pressings Pvt. Ltd.

Rajsriya Automotive Industries Pvt. Ltd.

Ram Ratna Wires Limited

Ramkrishna Forgings Ltd.

Ramsays Corporation Pvt. Ltd.

Rane (Madras) Ltd.

Rane Brake Lining Ltd.

Rane Engine Valve Ltd.

Rane NSK Steering Systems Pvt. Ltd.

Rane TRW Steering Systems Pvt. Ltd.

Ranee Polymers Pvt. Ltd.

Rangamma Steels &amp; Malleables

Rasandik Engg. Industries (I) Ltd.

RDH Auto

Reflexallen India Private Limited

Remsons Industries Ltd.

Rico Auto Industries Ltd.

Rico Castings Ltd.

Right Tight Fastner Pvt. Ltd.

Ring Plus Aqua Ltd.

Rockman Industries Ltd.

Rolex Rings Pvt. Ltd.

Roop Automotives Ltd.

Roop Polymers Ltd.

Roots Industries India Ltd.

Rosmerta Autotech Pvt. Ltd.

Rotary Electronics Pvt. Ltd.

Rolex Automation Ltd.

RPK India Pvt. Ltd.

RSB Transmissions (I) Ltd.

Rucha Engineers Pvt. Ltd.

Rukman Udyog

## S

S.K. Spring Co.

S. M. Auto Engineering Pvt. Ltd.

S. S. Engineering Works

S.M. International

SAC Engine Components Pvt. Ltd.

Sadhu Forging Ltd.

Safexpress Pvt. Ltd.

SAI Group Private Limited

Sainik Spring Works

Saint Gobain India Pvt. Ltd.

Sakthi Auto Component Ltd.

Samarth Engg. Co. Pvt. Ltd.

Sandeep Metalcraft Pvt. Ltd.

Sanden Vikas (India) Pvt. Ltd.

Sandhar Technologies Ltd.

Sanjeev Auto Parts Manufacturers  
Pvt. Ltd.

Shree Balaji Alumnicast Pvt. Ltd.

Shree Ganesh Metal Works

Shree Sainath Industries

Shree Shyam Global

Shrinivas Engineering Auto  
Components Pvt. Ltd.

Shriram Foundry Pvt. Ltd.

Shriram Pistons &amp; Rings Ltd.

Shriram Rubber Products Pvt. Ltd.

Sibar Autoparts Limited

Siddhivinayak Aesthetics Pvt. Ltd.

Sigma Automotive Materials Pvt. Ltd.

Sigma Corporation (India) Ltd.

Sigma Moulds &amp; Stampings Pvt. Ltd.

Silco Cables

Sankar Sealing Systems Pvt. Ltd.

Sansera Engineering (P) Ltd.

Saraswati Industries

Sathya Auto Pvt. Ltd.

Satyam Auto Components Ltd.

Saurat Auto-Tech Private limited

Schaeffler India Limited

Sebros Auto Pvt. Ltd.

Seema &amp; Co.



SEG Automotive India Pvt. Ltd.  
 Sekisui DLJM Molding Pvt. Ltd.  
 Seinsa Autofren India Pvt. Ltd.  
 Sellowrap EPP India Pvt. Ltd.  
 Sellowrap Industries Pvt. Ltd.  
 Senior India Pvt. Ltd.  
 Senior Rubbers Pvt. Ltd.  
 Sensing Technologies Pvt. Ltd.  
 SEP India Pvt. Ltd.  
 Setco Automotive Ltd.  
 Shantdeep Metals Pvt. Ltd.  
 Sharda Motor Industries Ltd.  
 Sheet Shapers India Pvt. Ltd.  
 Shilpan Steelcast Pvt. Ltd.  
 Shiroki Technico India Pvt. Ltd.  
 Shiv Gorakh Engineering Works LLP  
 Shivam Autotech Ltd.  
 Shivani Locks Pvt. Ltd.  
 Shore Auto Rubber Exports Pvt. Ltd.  
 Showa India Pvt. Ltd.  
 Singhbhum Machinometal Pvt. Ltd.  
 Singla Forging  
 Sintercon India Ltd.  
 Sintex-BAPL Ltd.  
 SJS Enterprises Pvt Ltd  
 SKH Metals Ltd.  
 SKS Fastners Ltd.  
 SLR Metaliks Limited  
 SMB Engine Valves  
 Smoto Industries Pvt. Ltd.  
 SOGEFI ADM Suspensions Pvt. Ltd.  
 SOGEFI Engine Systems India Pvt. Ltd.  
 Somic ZF Components Ltd.  
 Sona BLW Precision Forgings Ltd.  
 Soni Auto & Allied Industries Ltd.  
 Spaco Technologies (India) Pvt. Ltd.  
 Special Engineering Services Ltd.  
 Spectra products Pvt. Ltd.  
 Spicer India Pvt. Ltd.  
 SPM Autocomp Systems Pvt Ltd.  
 Spun Micro Processing (P) Ltd.

SRM Institute of Science and  
 Technology  
 SSV Valves  
 Standard Radiators Pvt. Ltd.  
 Star Auto Industries Pvt. Ltd.  
 Star Engineers (India) Pvt. Ltd.  
 Steelbird International  
 Steriware Plastic Products Pvt. Ltd.  
 Sterling Tools Limited  
 Stork Auto Engineering Pvt. Ltd.  
 Stork Rubber Products Pvt. Ltd.  
 Stump Schuele & Somappa  
 Springs Pvt. Ltd.  
 Subros Ltd.  
 Sudhir Automotive Industries Pvt. Ltd.  
 Sudisa Foundry (P) Ltd.  
 Sujan Cooperstandard AVS Pvt. Ltd.  
 Sun Mobility Private Limited  
 Sunbeam Lightweighting  
 Solutions Pvt. Ltd.  
 Sundaram Auto Components Ltd.  
 Sundaram Brake Linings Ltd.  
 Sundaram Clayton Ltd.  
 Sundaram Industries Pvt. Ltd.  
 Sundram Fasteners Ltd.  
 Sunflag Iron and Steel Company Limited  
 Sunpac Auto (India) Pvt. Ltd.  
 Sunplast Electronics Pvt. Ltd.  
 Sunstar Precision Forge Ltd.  
 Sunvisors India Pvt. Ltd.  
 Super Auto Forge Pvt. Ltd.  
 Super Circle Auto Ltd.  
 Super Nova Auto Industries  
 Super Seals India Ltd.  
 Supercircle Pvt. Ltd.  
 Suprajit Engineering Ltd.  
 Supreme Treon Pvt. Ltd.  
 Suraj Components Pvt. Ltd.  
 Suraj General Engineers (P) Ltd.  
 Surya Springs  
 Swastik Engitech Pvt. Ltd.  
 Swastik Metal Industries  
 Swift Enterprise Pvt. Ltd.

**T**  
 T.K. Precision Pvt. Ltd.  
 T.K.W. Fasteners Pvt. Ltd.  
 Takata India Pvt. Ltd.  
 Takashi Auto Components Pvt. Ltd.  
 Talbros Automotive Components Ltd.  
 Talbros Sealing Materials Pvt. Ltd.  
 Tata Autocomp Systems Ltd.  
 Tata Toyo Radiator Ltd.  
 Taylor Rubber Pvt. Ltd.  
 Tech Auto Pvt. Ltd.  
 Technico Industries Ltd.  
 Techno Auto Products  
 Technocrat Connectivity Systems (P) Ltd.  
 Technomach (India)  
 Technosystems  
 Tej Industries  
 Teksons Pvt. Ltd.  
 Tenneco Automotive India Pvt. Ltd.  
 Terminal Technologies (I) Pvt. Ltd.  
 Texspin Bearings Ltd.  
 The Automotive Research  
 Association of India  
 The Hi-Tech Engineering  
 Systems Pvt. Ltd.  
 The Hi-Tech Gears Ltd.  
 The Supreme Industries Ltd.  
 Thiagarajar College of Engineering  
 Top Motocomponents Pvt. Ltd.  
 Tosy Auto Products  
 Toyo Springs Ltd.  
 Toyoda Gosei South India Pvt. Ltd.  
 Toyota Boshoku Automotive  
 India Pvt. Ltd.  
 Toyota Industries Engine India Pvt. Ltd.  
 Toyota Kirloskar Auto Parts Pvt. Ltd.  
 Toyotetsu India Auto Parts Pvt. Ltd.  
 Toyotsu Ambika Automotive Safety  
 Components India Pvt. Ltd.  
 Track Auto Transmission  
 Track Components Ltd.  
 Trigno Engineering Pvt. Ltd.  
 TRW Sun Steering Wheels Pvt. Ltd.

TRW Sun Steering Wheels Pvt. Ltd.

Tube Investments of India Ltd.

Turbo Energy Pvt. Ltd.

TVS Educational Society

TVS Logistics Services Ltd.

Twenty First Century Auto Locks Pvt. Ltd.

VISA Steel Limited

Vishwakarma Automotive Pvt. Ltd. - II

Visteon Electronics India Private Limited

VNM Polymers Pvt. Ltd.

Voith Turbo Pvt. Ltd.

**U**

Ucal Fuel Systems Ltd.

UFI Filters India Pvt. Ltd.

Ukay Metal Industries Pvt. Ltd.

Ultra Tech Suspensions Pvt. Ltd.

Uni Deritend Ltd.

Unique Spares &amp; Automobiles

Unitech Precision Screws

Urrja Bus Decor

Usha International Ltd.

USUI Susira International Private Ltd.

**W**

WABCO India Ltd.

Wahi Sons Pvt. Ltd.

Watson &amp; Chalin India Pvt. Ltd.

Western Auto Spares

Western Thomson (India) Ltd.

Wheels India Ltd.

Windals Precision Private Limited

Wings Automobile Products (Pvt.) Ltd.

Wire Rings

Wirecom (India) Pvt. Ltd.

**V**

V. S. Enterprises

Vaish Industries

Valeo India Pvt. Ltd.

Vanaz Engineers Ltd.

Varroc Engineering Pvt. Ltd.

VBROS Auto Pvt. Ltd.

VE Commercial Vehicles Ltd.

Vee Tee Auto Mfg. Co. (P) Ltd.

Veena Diecasters &amp; Engineers Pvt. Ltd.

Vel Tech Rangarajan Dr Sagunthala  
R&D Institute of Science & Technology

Vibracoustic India Pvt. Ltd.

Vibrant Auto Components Pvt. Ltd.

Vibromech Engineers and Services Ltd.

Victor Reinz India Pvt. Ltd.

Vijayshree Autocom Ltd.

Vikrant Auto Suspensions

Vinayak Rubber Products

Vinayaka C.N.C. Centre (P) Ltd.

Vinko Auto Industries Ltd.

**Y**

Yapp India Automotive Systems Pvt. Ltd.

Yathartha Yantra Udyog

Yazadi India Pvt. Ltd.

Yeshshree Press Comps. Pvt. Ltd.

York Transport Equipment  
(India) Pvt. Ltd.

Yoshama And Company Pvt. Ltd.

Yoshika Engineering Pvt. Ltd.

Yugal Precision Pvt. Ltd.

**Z**

Zenith Forge Pvt. Ltd.

Zenith Industries

ZF India Pvt. Ltd.

ZF Steering Gear (India) Ltd.

Ziel International

*\*List of members as on 31 March 2020***SHAPING THE  
NEW NORMAL**









Automotive Component Manufacturers  
Association of India

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Munirka, New Delhi 110 067, India  
Tel: +91 11 2616 0315 | Fax: +91 11 2616 0317  
Email: [acma@acma.in](mailto:acma@acma.in)

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- [ACMA India](https://www.linkedin.com/company/acma-india)
- [@ACMAIndia](https://twitter.com/ACMAIndia)

## REGIONAL OFFICES

#### Eastern Region

Room NO.4  
Centre for Excellence  
Jubilee Road  
Jamshedpur 831 001  
Jharkhand  
Tel: +91 657 656 0385  
2224670 Extn-24  
Telefax: +91 657 2230035  
E-mail: [acmaer@acma.in](mailto:acmaer@acma.in)

#### Northern Region

6th Floor,  
The Capital Court,  
Olof Palme Marg,  
Munirka,  
New Delhi - 110 067  
Tel: +91 11 2616 0315  
Fax: +91 11 2616 0317  
E-mail: [acma@acma.in](mailto:acma@acma.in)

#### Southern Region

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

#### Western Region

Office No. C,  
10<sup>th</sup> Floor, Godrej Eternia "C",  
Old Mumbai-Pune Highway,  
Wakdevadi, Shivaji Nagar,  
Pune 411 005  
Maharashtra  
Tel: +91 206606 1219  
Telefax: +91 20 6606 1220  
E-mail: [acmawr@acma.in](mailto:acmawr@acma.in)

## ZONAL OFFICES

#### Northern Region

(Uttarakhand)  
C/o Minda Industries Ltd.,  
Sector 10, Plot No. 5, 9, 9A,  
Integrated Industrial Estate,  
Pantnagar, Rudrapur,  
Udham Singh Nagar - 263153,  
Uttarakhand  
E-mail: [acma.pantnagar@acma.in](mailto:acma.pantnagar@acma.in)

#### Southern Region

(Karnataka & Hosur)  
Shop NO. 1, Commercial Complex,  
National Games Village,  
Koramangala, Bangalore 560 047  
Karnataka,  
Tel: +91 80 2570 2855  
Fax: +91 80 4093 9689  
E-mail: [acmakh@airtelmail.in](mailto:acmakh@airtelmail.in)

#### Western Region

(Mumbai)  
80, Dr. Annie Besant Road,  
Worli, Mumbai 400 018  
Maharashtra  
Tel: +91 22 2493 3507  
2497 5877, 2498 6527  
Fax: +91 22 2493 6527  
E-mail: [acmawr@acma.in](mailto:acmawr@acma.in)

#### Western Region

(Gujrat)  
801 "Matrix", Near Vodafone House,  
B/H Divya Bhaskar, Corporate Road,  
Prahladnagar,  
Ahmedabad 380015  
Gujrat, India  
Tel No: 079-40053306  
E-mail: [acmawr@acma.in](mailto:acmawr@acma.in)

#### Western Region

(Madhya Pradesh)  
C/o Porwal Auto Components Ltd.  
Plot No. 209 & 215, Industrial Area,  
Dist. Dhar, Pithampur,  
Madhya Pradesh 454775  
Tel: 98938 60265  
E-mail: [acma.madhyapradesh@acma.in](mailto:acma.madhyapradesh@acma.in)