

# Living with Volatility

Survival | Revival | Growth





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ANNUAL REPORT  
2020-21

**ACMA**

Automotive Component Manufacturers  
Association of India

# Living with Volatility

Survival | Revival | Growth

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# President's Message

Dear Friends,

I write to you as my term as the President of ACMA comes to an end. I look back at the two years gone-by with immense sense of satisfaction and pride. When I assumed the office of President ACMA in September 2019, I was given the responsibility to create an inclusive ACMA with greater participation of all stakeholders, ensure a strong leadership pipeline and last but not least, create a future ready association.

As you all have witnessed, the last two years have probably been the most challenging in the history of mankind, the two lockdowns in the wake of the pandemic threatened to derail not just our economy and industry, but also challenged our very own existence. In fact, we lost several eminent leaders, employees and members of our families. I pray for eternal peace for those who we have lost and my sincere condolences to the bereaved families.

In this environment of volatility, despite disruption of production in supply chain, the industry displayed remarkable resilience and evolved in a spirit of collaboration, to chart out its future course to sustain and grow. The period was marked with heightened interactions between the component manufacturers and our customers, the OEMs, in spirit of mutual cooperation to collectively deal with the industry-wide challenges. At ACMA, we played a critical role in assimilating the learnings and promoting industry-wide collaborative drive.

I must also appreciate the support extended to us by the Government of India for interest waiver and loan payment deferment programs for our MSMEs, a significant proportion of our membership, which has helped them overcome some of the immediate challenges. It is noteworthy that despite challenges, many ACMA members undertook relief measures by setting up hospitals and oxygen camps, donating ventilators and concentrators, and contributing generously towards community service. I am grateful to our members for these kind gestures.

Focussing on the performance of the industry, 2020-21 witnessed the second successive year of contraction in vehicle sales in India, overall vehicle sales fell by (-) 13.6%. The slowdown was primarily due to the virtual halt witnessed in the first quarter of 2020-21 due to the pandemic related lockdown. In this backdrop



the component industry also witnessed a degrowth of (-)3%, with its turnover reducing to rupees 3.40 lakh crores (USD 45.9 billion) from rupees 3.49 lakh crores (USD 49.3 billion) in FY 2019-20. Component sales to OEMs fell by (-)3% while exports and aftermarket witnessed a degrowth of (-)8% and (-)7% respectively.

The second wave of pandemic has also put to test the revival of our industry seen in the second half of 2020-21; the only silver lining being the gradual resurgence of demand for vehicles. I am hopeful that having learnt to manage the challenges in the supply chain in the wake of the last two pandemics, we will be able to ensure business continuity and return to pre-covid levels of performance, sooner rather than later.



“ Despite the pandemic led lockdowns, the industry displayed exemplary camaraderie and resilience. Whilst the OEMs gave consistent direction and visibility, the component industry supported well in ensuring smooth ramp-up and business continuity. ”

The focus for the auto-component industry in India is now to look inwards and transform itself in line with the Prime Minister of India's vision of an 'Atmanirbhar Bharat' and become a net exporter. While our sector has emerged as a benchmark for many other Indian manufacturing sectors and has created a position for itself in the global automotive value chain, it is now imperative for it to invest in technology and product development, offer solutions and systems rather than discreet components to stay relevant to our customers. I am also hopeful that the ACMA and SIAM joint roadmap for localization of auto components will provide due direction in this regard. We now eagerly await the details of the Production Linked Incentive (PLI) scheme for the auto and auto components sectors as also the Remission of Duties and Taxes on Export Products (RoDTEP) scheme, the new scheme for refunds on embedded taxes and duties previously non-recoverable, to make the sector price competitive in the global arena.

The 2020-21 has provided a major impetus to digitisation of the industry. Activities of the association continued unabated with fast transformation into digital meetings, events and interactions. In fact, during 2020-21, the organisation hosted a record number of 628 activities, the highest ever in a year, most of which were on digital platform. The ACMA website has been completely revamped and made more navigation friendly. In addition, a new ACMA App has been developed for ease of access to ACMA activities by our members.

ACMA made a concerted effort of creating an appropriate brand equity for the organisation based on its ethos of RICESS - Responsive/Responsible, Inclusive, Communicating, Engaging, Stable and Sustainable. There was significant presence of ACMA across various media platforms that helped position it as a coveted and respected voice that leads topical and futuristic conversations, champions the cause of the

industry and drives industry resilience in the spirit of an 'Atmanirbhar' industry with a resolve towards deep localisation. In line with the mandate to be inclusive, significant efforts have been made to position ACMA as an institution that not only champions the cause of the traditional auto component industry but is also leading the dialogue on 'Future of Mobility'.

While times have been difficult, this is a critical phase in the journey of ACMA that calls for integrating the stakeholders and paving the road for members to compete and grow in an environment witnessing rapid changes in regulations and adoption of next generation technology. With induction of several dynamic young leaders in the Executive Committee and giving them appropriate leadership roles, ACMA now has a strong leadership pipeline to lead the industry into a bright future. Further, new sub-pillars have been introduced in the ACMA organisation structure to strengthen linkages with start-ups and to focus on next generation mobility, among others, thus creating the foundation for a future ready ACMA.

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.

The way forward will require strong industry-wide collaboration and proactive deliberations and policy led support from the Government of India. 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 Industries, 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, and other industry bodies.

I am indeed very grateful to all our members for their unwavering faith in me. 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 together as an industry we will rise to the challenges of today and tomorrow and with the support of all stakeholders, emerge stronger than ever before.

Thankyou & Jai Hind!  
**Deepak Jain**



Atmanirbhar Bharat



# Director General's Message

The Indian automotive industry was already confronted with a phase of slowdown when COVID-19 struck. Consequently, 2020-21 has been the second year of contraction for the industry. Clearly, we are navigating a tough and challenging phase. As an industry, we have risen to these challenges with great aplomb by focussing on fiscal prudence, endeavouring to be even more competitive and transforming our ways of working to meet the requirements of the future.

In effect, as an industry we are in a watershed phase, preparing and transforming ourselves for the next phase of growth and development. During this journey, ACMA has played a pivotal role in supporting our membership across the highly complex yet integrated value chain, to overcome the present difficulties and emerge stronger to cater to the demands of an industry in transition – in terms of meeting its customer requirements, technology adoption, skilling its people and regulatory compliance, among others

Whilst the second wave of COVID-19 in April-May 2021 has hit the industry and the economy adversely and halted the steady recovery that was underway through the second half of 2020-21, however, it gives me pleasure to state that our members were much better prepared to deal with challenges of the second wave on front of supply chain disruptions, labour mobility and staff health and safety, among others. As a result, as the market conditions have started improving, our members are also well prepared and leveraging the opportunities, so the recovery is expected to be faster.

Our Hon'ble Prime Minister's vision of 'Atmanirbhata' (self-reliance) and 'Lives & Livelihoods' are the two pillars on which the industry is now focused upon. Together with these, the key to success of our industry's fight against adversities has been the spirit of collaboration between the supply chain partners and OEMs and the continuous dialogue amongst all stakeholders including the Governments, Centre and states.

For ACMA, a major success during 2020-21 has been the rapid digitisation of its operations and processes. In a year where scope of physical meetings was almost none, at ACMA we have continued with our activities with great poise. An overall 628 activities, all on digital platform, have been the highest ever.

**Let me highlight some of the key activities at ACMA during the course of 2020-21.**

With the theme 'Auto Components Industry - Shaping the New Normal', amidst the impact of pandemic, the 60th ACMA Annual Session focused on the future course for the industry, giving direction and defining pathways to explore new avenues of growth, while building strategies to thrive in the post-COVID world. The event set a benchmark for virtual events in terms of content, quality of speakers and flawless execution. During the event, ACMA launched its



new mobile application, which is a one stop destination for all the users and the industry players for information on its services.

The first ever ACMA's virtual Auto Technology Partnership Summit & Expo (ATPSE), jointly organised with the IPO forum, under the aegis of the Ministry of Commerce & Industry, Government of India celebrated Indian auto component industry's strengthening business partnerships with North America, Japan and the European Union. 45 ACMA members displayed their state-of-the-art products and technologies while over 450 international delegates from 37 Countries visited and participated in the event.

The fifth edition of the iAutoConnect 2020 – ACMA's International Reverse Buyers & Sellers Meet, under the aegis of the Ministry of Commerce & Industry, Government of India, witnessed over 65 Indian component manufacturers displaying their products virtually, while over 300 international aftermarket distributors and business delegates, visited and had fruitful engagements with the exhibitors.

With 81 exhibitors on board showcasing 1,233 products, accompanied by a range of product demonstrations and knowledge sessions, the launch edition of ACMA Automechanika virtual was a grand success attracting 2,407 active attendees through its B2B matchmaking platform. The event was organised in partnership with Messe Frankfurt India. Apart from showcasing a wide catalogue of products, the two-day virtual fair also featured a series of live knowledge sessions led by distinguished industry leaders.

The sixth edition of ACMA Technology Summit & Awards themed 'Towards Atmanirbhar Bharat - Technologies for Sustaining Growth', aimed to foster and celebrate indigenous innovations. In this edition of Awards, we received 305, the highest ever number applications, of which 76 were honoured and felicitated for excellence in categories including

Manufacturing, New Product Development, Exports, Human Resource Development, and Health Safety & Environment.

In line with its unwavering commitment to contribute towards human resource development, ACMA signed an MoU with Toyota Kirloskar Motor (TKM), where TKM through its training arm Toyota Learning and Development India (TLDI) will share its best practices through 131 programs to create an efficient, agile, and best-in-class automotive workforce. That apart, 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 to support the changing needs of the industry.

We are now entering into a new phase of development for the automotive industry in India, and the key to success in this round will be adoption of a collaborative approach that not only offers necessary solutions to the business needs of our customers but also supports them well in adversities and disruptions. As the apex body for the sector, ACMA will continue to strive to play a pivotal role in this endeavor. Together with all stakeholders, we are preparing for 'Living with Volatility – Survival, Revival and Growth'.

At the secretariat of ACMA, we will continue to strive and support the development of a globally competitive industry, and as its executive head, I would personally like to thank all my colleagues for their tireless efforts through the year, in this direction. To all the members and stakeholders of ACMA including the government, I would like to extend my deepest gratitude for their guidance and support.

Thank you.  
Vinnie Mehta

Regards  
**Vinnie Mehta**





Responsive

Stable & Sustainable

RICESS

Inclusive

Engaging

Communicating

# STATE OF THE INDUSTRY

## AUTOMOBILE INDUSTRY

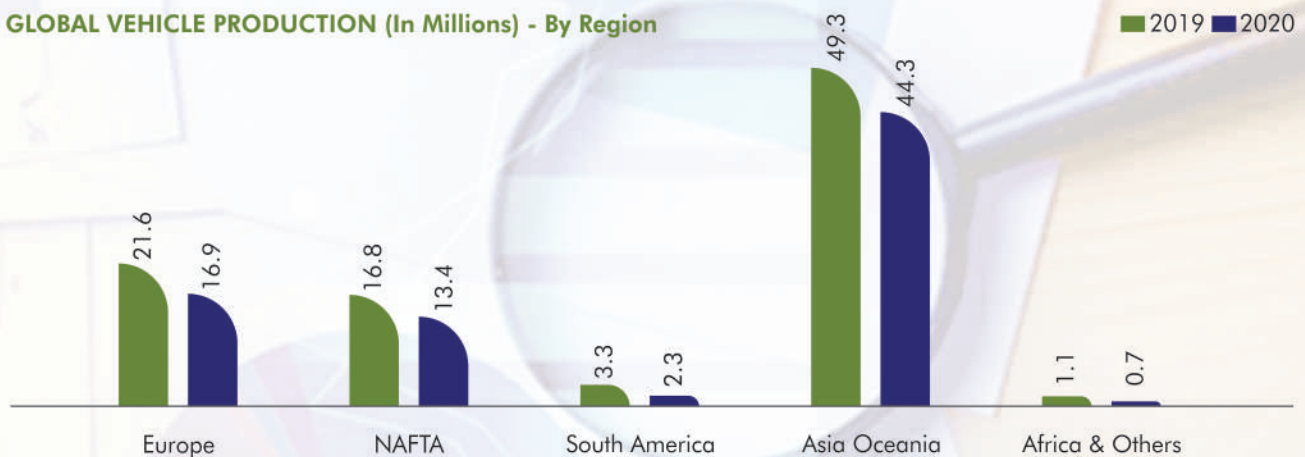
### GLOBAL MARKETS

Already in 2019, world auto production was down to less than 92.2 million cars, trucks and buses – a decline of almost (-)5%. This was the first year of such a drop in production that ended 10 years of continuous and steady growth. In 2020, the world auto industry faced a new, unprecedented challenge due to the COVID-19 pandemic. In fact, it is the worst crisis ever to hit the global automotive industry in modern history. There has been a complete disruption across the value chain with shutdowns across a large part of the auto industry and its many suppliers

decline, it was comparatively lower at around 10%. Particularly, China which was hit hard in 2020's first months, recovered very quickly. For the year, the Chinese reduction in production was limited to only 2%. Asia remains by far the world's largest producing region, with 57% share of global production.

The 2020 sales trend shows a similar negative trend as in production; however, it is a lower decline of around (-)12%. On a positive note, the last few months of 2020 globally showed a gradual recovery to the levels of 2019. There are however marked differences, with sharp declines of more than (-)20% or even (-)30% in most major markets, except

#### GLOBAL VEHICLE PRODUCTION (In Millions) - By Region



Data Source: OICA

around the world during several weeks of 2020. Several players have been severely affected and reeling under massive financial duress.

According to data released by International Organization of Motor Vehicle Manufacturers (OICA), there has been a significant decline of (-)16% in automobile production in 2020, with around 78 million vehicles. In effect, the level of production is equivalent to the sales levels of 2010, so in essence the COVID-19 effect has wiped out all the growth made by the industry over the last decade.

In terms of global regions, Europe, which has 22% share of global production, saw a drop of more than 21% on an average with all main producing countries registering sharp declines, ranging from 11% to almost 40%. The 2020 production of 15.7 million units in America represented a 20% share of the global production. The NAFTA region saw production declining by more than 20%, with manufacturing in U.S.A declining by 19%. South America dropped by more than 30%, with its major player Brazil down by almost 32%. The African continent also declined sharply, by more than 35%.

Amidst all the negativity, the downward trend in production in Asia was not as pronounced. While there has been a

decline for China (-2%) and South Korea which increased by 6%.

In terms of vehicle type, passenger car production reduced globally by (-) 16.9% and dip in production was spread across regions with EU down (-) 22.3%, Americas down (-) 29%, Africa down (-) 39.2% and Asia-Oceania down (-) 11.8%. Following a similar trend, Light Commercial Vehicles (LCV) production reduced by (-) 16.1% in 2020 and the reductions were across regions ranging from around (-) 11.4% to (-) 26.4%. While Heavy Buses witnessed a massive (-)38.6% drop in production; the positive performance came from Heavy trucks, that saw global production increasing by 5% to 4.4 million units in 2020.

The good news is that the industry is gradually recovering from the COVID-19 setback in 2020. As per data for Q1, 2021, total vehicle production increased by 16.9% in Q1, 2021 compared to Q1, 2020. Much of the revival in growth is in emerging market where there has been a 39.9% increase in production while developed countries continued to witness a marginal decline. In terms of vehicle categories, buses and coaches are down (-) 28.7%, while all other categories have witnessed growth in Q1, 2021 compared to Q1, 2020 – LCV production has grown by 12.8%; HCV production has grown by 56.8% and passenger car production has increased by 15.9%.



**GLOBAL VEHICLE PRODUCTION (In Millions) - By Type**



Data Source: OICA

While there was a slowdown in 2019 and the COVID-19 epidemic in 2020 was an unprecedented event that has adversely affected the automobile industry, it is important to note that the long-term trend in demand for mobility of people and goods is expected to remain high. Having said so, it is important to highlight that the future demand for mobility is not the same as in the past – apart from dealing with the many challenges to recover economically, there are now a series of emerging challenges such as developing

ever cleaner products and operationalizing their production; producing vehicles with a much higher level of safety features; integrating the digitally connected environment with that of an individual vehicle; requirement of much larger automation, and integration with other digital technologies and systems. The vehicle manufacturers and their vast supplier networks are taking up all these challenges and will continue to shape the future of clean and sustainable mobility.

**TOTAL VEHICLE PRODUCTION (In Millions)**



**INDIA**

2020-21 has been one of the toughest years in the history of the Indian automotive industry with the outbreak of the Covid-19 pandemic putting a spanner in the works. The automobile industry, which was already facing headwinds of a slowing-down economy, was brought to a standstill with the nationwide lockdown in April 2020. These market conditions have pushed all vehicle segments back to production and sales levels of 5-6 years back. 2020-21

started on a negative note with the nationwide lockdown in April 2020 due to the COVID-19 pandemic.

It was only after mid-May that the Indian Government gradually relaxed norms and allowed the economy to open in a phased manner. However, in the initial phase barring the agriculture machinery sector, poor consumer sentiments and uncertain market conditions resulted in low sales. There was a brief increase in car sales during the festive period of Navratri, and that ushered in fresh hopes for the auto

industry. In January 2021, the Indian government commenced the vaccination drives in a phased manner and the businesses started gaining momentum. The second half of 2020-21 witnessed a strong recovery that is well reflected in the much-improved offakes in Q4, 2020-21.

However, the second wave of COVID-19 in April-May 2021, once again created huge uncertainties and market conditions are badly affected.

The automobile industry in India, including farm equipment, witnessed an overall decline of (-) 14% in production from 26.4 million vehicles (including 2-3 wheelers) in 2019-20 to 22.7 million vehicles in 2020-21. The drop in production is a direct reflection of widespread demand contraction across markets in India and abroad. Domestic vehicle sales in India reduced by (-) 13.6% from 21.5 million units in 2019-20 to 18.6 million units in 2020-21, while exports reduced by (-) 13.1% from 4.7 million units in 2019-20 to 4.1 million units in 2020-21.

Here's a segment-wise analysis of the 2020-21 performance:

The passenger vehicle (PV) segment was hit hard with cumulative production reducing by (-) 10.6% from 3.4 million units in 2019-20 to 3.1 million units in 2020-21. Domestic sales reduced by (-) 2.2% to 2.7 million units in 2020-21, while exports reduced by (-) 38.9% to 0.4 million units in 2020-21.

In terms of domestic sales, the biggest impact was felt by passenger cars and vans, that registered (-) 9.1% contraction in sales with 1,09 million units sold in 2020-21. The big positive for the year were Utility vehicles (Uvs),

with 933,583 units sold in Q4, 2020-21.

Commercial Vehicles (CVs) are the barometer of the economy and clearly, were one of the worst-hit vehicles in terms of sales in a pandemic-impacted year when most non-essential economic activities including infrastructure development and construction, as well as public transportation, remained suspended for the substantial part of the year. Cumulative production reduced by (-) 17.4% from 756,725 units in 2019-20 to 624,939 units in 2020-21. Domestic sales reduced by (-) 20.8% to 568,559 units in 2020-21, while exports reduced by (-) 16.6% to 50,334 units in 2020-21.

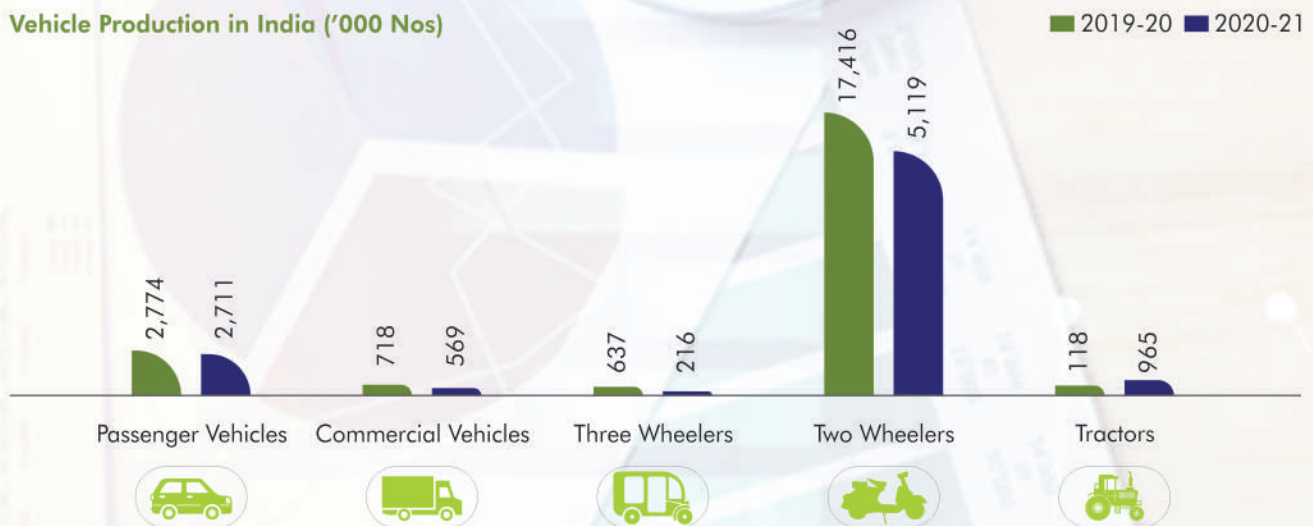
In terms of domestic sales, within CVs, passenger-carrying M&HCVs (buses) recorded an (-) 81.7% percent reduction, while goods carriers were down (-)16.8%. On the other hand, LCV passenger carriers recorded a (-)73.6% decline, while goods carriers recorded a (-) 11.5% drop in sales.

In line with the industry trend, CVs also showed a strong resurgence in Q4, 2020-21, with M&HCVs registering an uptick of 65.9% and LCVs recording a 32% growth contributing to an overall 43.2% CV sales growth.

The most affordable means of individual mobility – two-wheelers – saw cumulative production reduce by (-) 12.8% from 21 million units in 2019-20 to 18.3 million units in 2020-21. Domestic sales reduced by (-) 13.2% to 15.1 million units in 2020-21, while exports reduced by (-) 6.9% to 3.3 million units in 2020-21.

While scooter sales were down 19.5% to 4.5 million units in 2020-21, motorcycles, which find precedence in rural India, clocked overall sales of little over 10 million units, a

### Vehicle Production in India ('000 Nos)



Source: SIAM and TMA

registering a 12.1% growth in sales with 1.06 million units sold – interestingly, UV sales crossed a million units in a single year for the first time. New-model launches could be attributed to have played a big role in driving this growth, wherein the need for safer personal mobility coincided with these brand-new offerings entering the market.

While the PV segment was impacted by the pandemic on an annual basis, its performance in Q4 2020-21 was particularly impressive with sales strong YoY uptick of 42.4%

reduction of (-) 10.7%. Electric two-wheelers, for the first time, could be seen garnering some respectable numbers with cumulative sales of 2,456 units – an eight-fold increase over the previous fiscal.

In Q4, 2020-21, two-wheelers sales picked up significantly touching 4.4 million units – an growth of 24.3% over the corresponding quarter of 2019-20. Scooters registered a 25% growth and motorcycles sales were up 24.8%. Electric two-wheelers clocked 1,039 units in the three-month period alone.

If the Covid-19 pandemic has cast a deadly spell for any vehicle segment, it is the three-wheelers. Most public transportation services are still running at minimal capacity, leading to a downfall in the requirement of shared transportation and last-mile connectivity services. Three-wheeler production reduced by (-) 46.1% from 1,132,982 units in 2019-20 to 611,171 units in 2020-21. Domestic sales reduced by (-) 66.1% to 216,197 units in 2020-21, while exports reduced by (-) 21.7% to 392,941 units in 2020-21. While public carriers bore a huge impact with volumes plummeting by (-) 74.5% , goods carriers were slightly safeguarded with a drop of (-) 26.4% in 2020-21. Even on the quarterly revival basis this segment has not displayed any major positive spike.

Amidst all the gloom, the tractor industry has been a shining star. Driven by stable crop prices, government support plans and sustained offtake, even in the backdrop on COVID-19, the farm equipment industry in India had its best performance in 2020-21. The second COVID-19 wave in April-May 2021 has since been a slight dampener to the

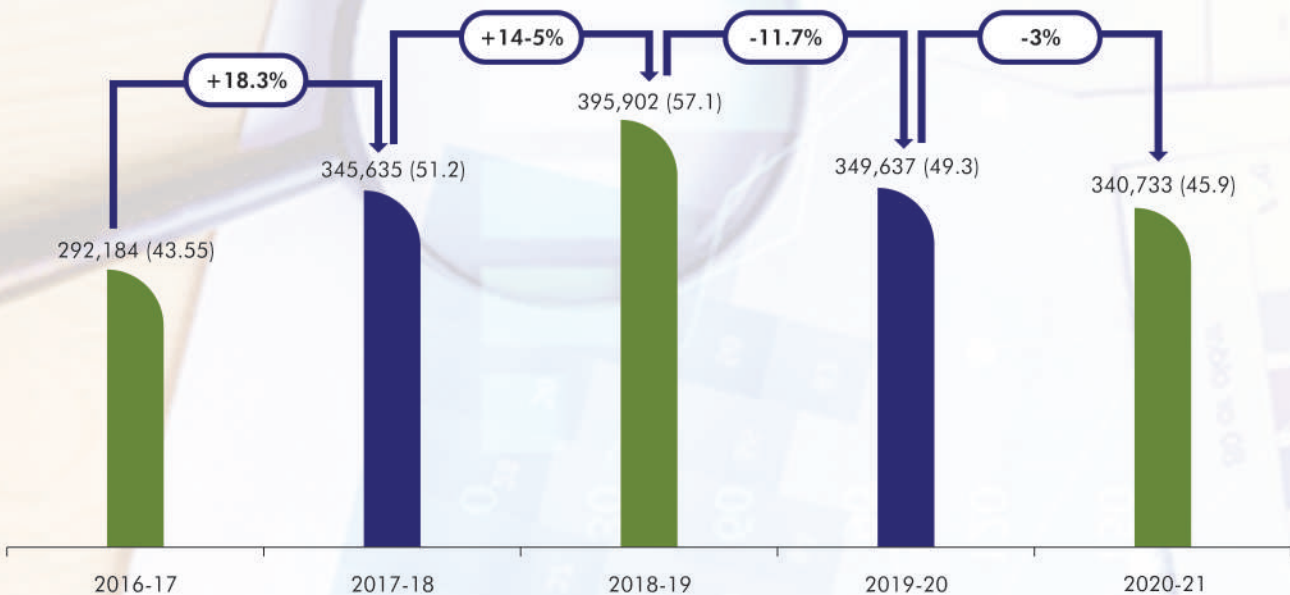
industry, but subsequently there are already early signal of a fast revival. Tractor production increased by 24.1% from 777,752 units in 2019-20 to 965,231 units in 2020-21. Domestic sales increased by 26.5% to 988,028 units in 2020-21, while exports increased by 16.5% to 88,621 units in 2020-21

The Indian automobile industry continues to strive to overcome challenges faced in the prevailing business environment. On the sales front, a deep structural slowdown in the industry even before the pandemic, combined with the impact of the pandemic in 2020-21, has pushed all vehicle segments back by a few years. Recovery from here will require time and efforts by all stakeholders. There is still uncertainty across the value chain owing to semi-conductor shortage, fresh lockdowns increasing raw material prices and escalating freight costs. In an environment of uncertainty, instead of trying to predict the future, individual players are laying considerable efforts to have all tools in place to overcome and leverage a new set of opportunities.

## INDIAN AUTO-COMPONENT INDUSTRY

**PRODUCTION AND SALES** - The auto-component industry contracted by (-) 3% to US\$ 45.9 billion (Rs.340,733 crore) in 2020-21. This includes supplies to domestic OEMs, aftermarket and exports.

**INDIAN AUTO-COMPONENTS INDUSTRY TURNOVER (Rs. Crore / US\$ Bn)**

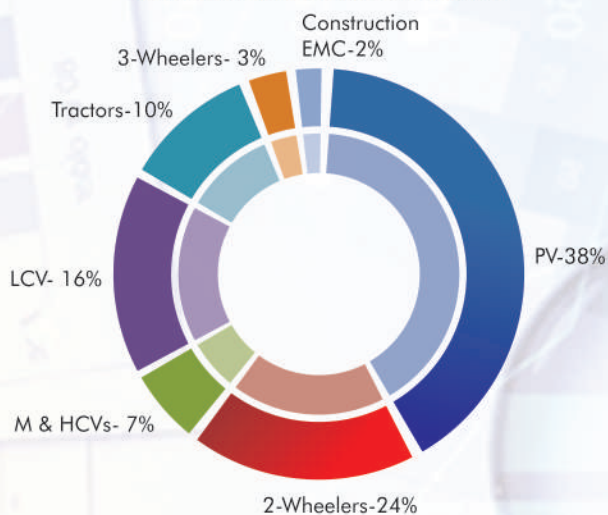


## DOMESTIC OEM SALES

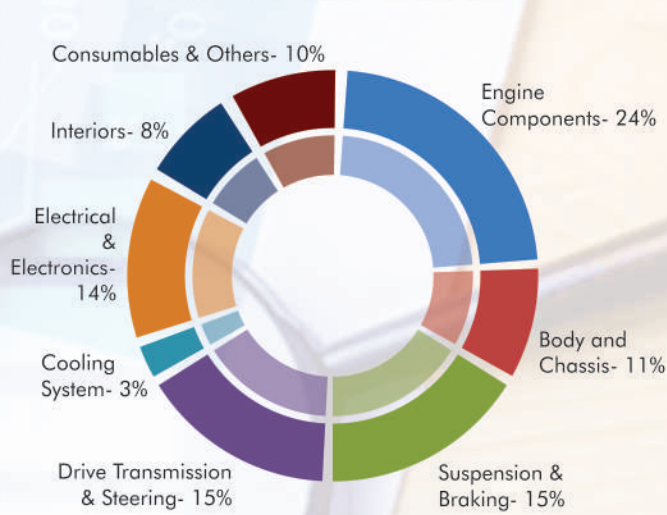
In terms of supplies to OEMs - Sales to OEMs declined (-)3% from Rs.2.87 lakh crore (US\$ 40.5 bn) in 2019-20 to Rs.2.29 lakh crore (US\$37.7 bn) in 2020-21. In terms of share in sales, passenger vehicles is the largest segment with 38% share, followed by 2 wheelers with 24%, M&HCVs 7%, LCVs 16%, tractors 10%, 3 wheelers 3% and construction equipment is 2%.

In terms of category of parts supplied to OEMs engine component is the largest segment with 24% share, followed by suspension and brakes with 15%, drive & transmission at 15%, electrical and electronics at 14%, body and chassis at 11%, consumables at 10% interiors at 8%, and cooling systems at 3%

**CUSTOMER SALES SHARE BY SEGMENT**



**COMPONENT SALES BY CATEGORY**

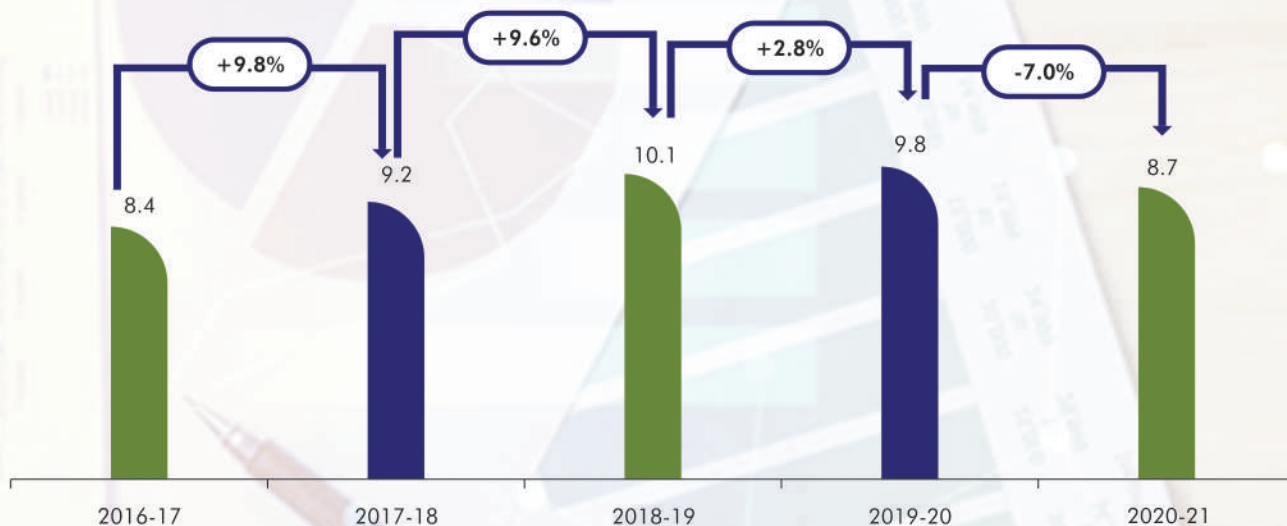


## DOMESTIC AFTERMARKET SALES

With the lockdowns and lower utilisation of goods vehicles, after-market sales were under pressure after several years of steady demand. After-market sales, in rupee terms reduced by (-) 7% to Rs.64,524 crore in 2020-21 compared to 2019-20.

Indian Auto Component After Market Domestic Sales (Rs. Crore/US\$ Bn)

**Indian Auto Component After Market Domestic Sales (Rs. Crore/US\$ Bn)**



There are certain prospects of a revival in the Indian auto-component after-market driven by:

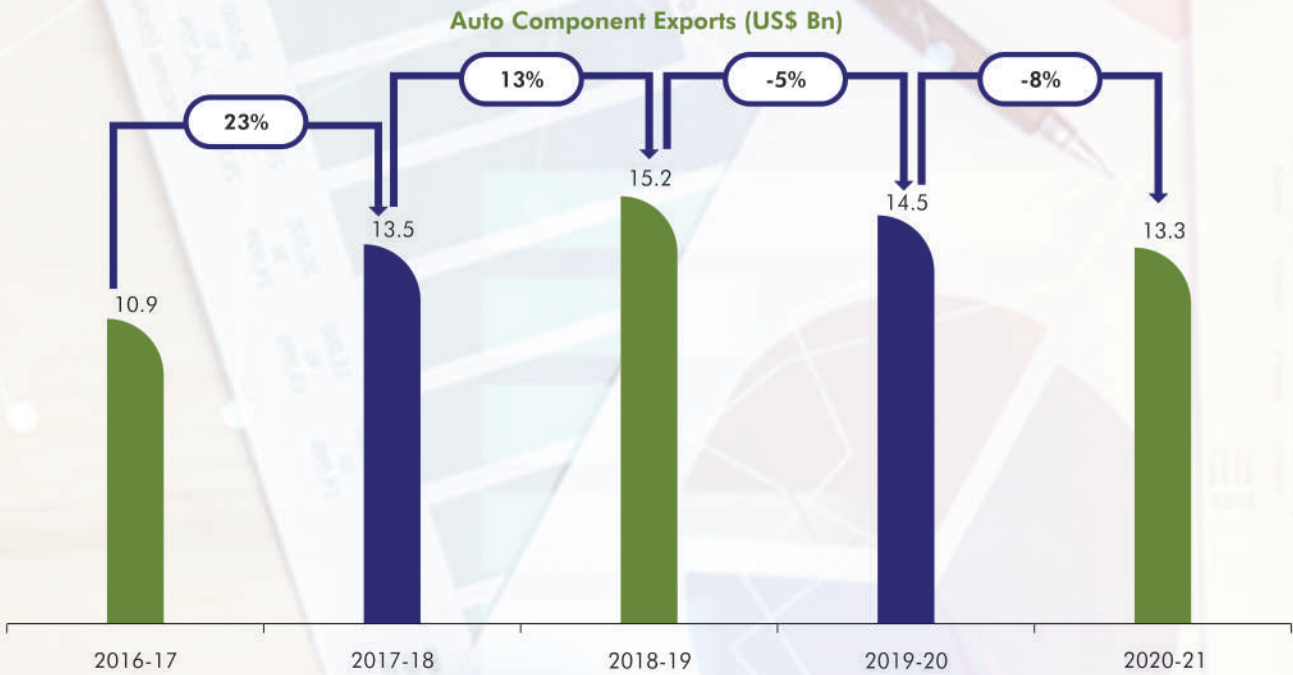
- With **increased government spending** on infrastructure and **reopening of institutions**, a spike in mobility of CVs, trucks and buses likely to have a positive

impact

- **Key factors moving forward expected to have a positive impact:** Growing used car market & vehicle parc, increasing vehicle ownership in semi-urban and rural markets, and growing safety norms and

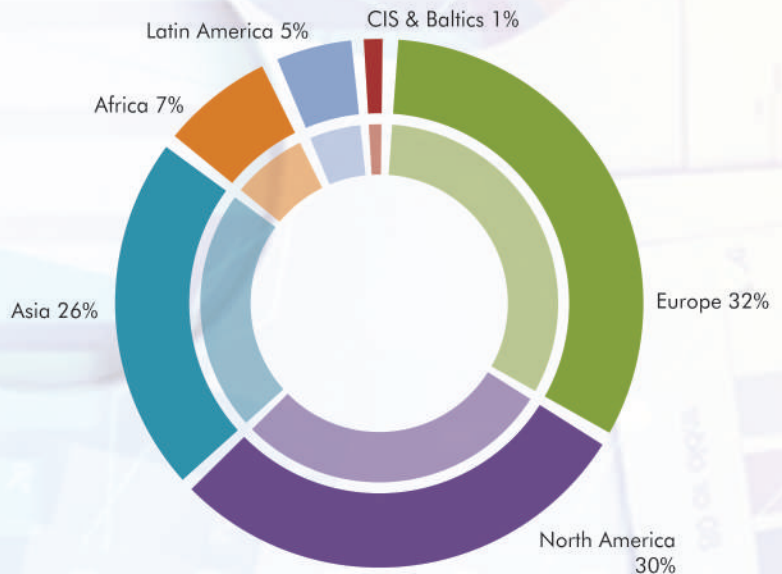
## EXPORTS

Auto-component exports reduced by (-) 8% reach US\$ 13.3 billion in FY2021.



Europe is the largest market for Indian auto-component exports with a share of 32%, closely followed by North America at 30% and Asia at 27%; Africa is 7%, Latin America at 5% and CIS and Baltic at 1%. In terms of major countries as export destinations – USA with 26% remains the largest partner followed by Germany at 8% and UK, Bangladesh, Thailand and Turkey at 4% each.

## AUTO COMPONENTS EXPORTS - REGIONWISE



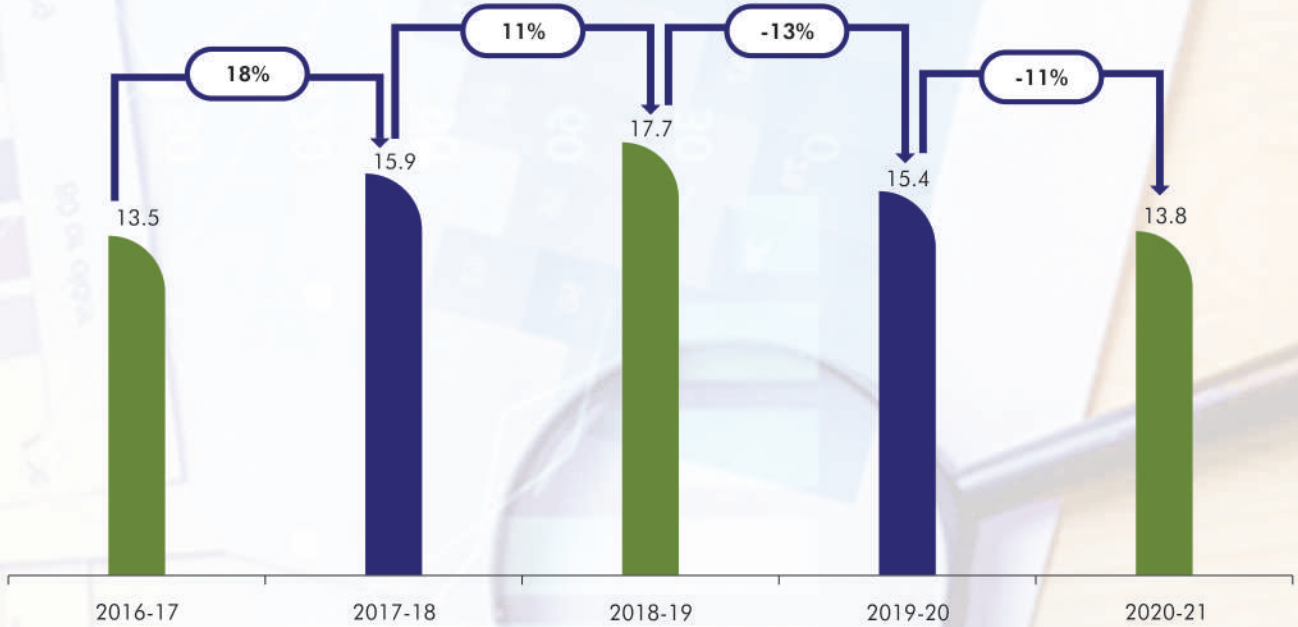
## EXPORT DESTINATIONS - TOP 10 COUNTRIES

<b>USA</b>	<b>26%</b>	<b>BANGLADESH</b>	<b>4%</b>
<b>GERMANY</b>	<b>8%</b>	<b>BRAZIL</b>	<b>3%</b>
<b>THAILAND</b>	<b>4%</b>	<b>ITALY</b>	<b>3%</b>
<b>TURKEY</b>	<b>4%</b>	<b>MEXICO</b>	<b>3%</b>
<b>UK</b>	<b>4%</b>	<b>CHINA</b>	<b>3%</b>

## IMPORTS

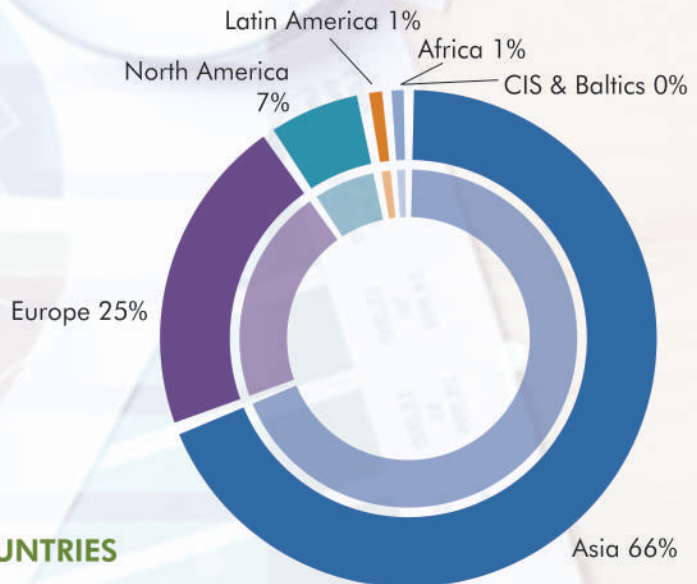
Auto-component imports reduced by (-)11% to US\$ 13.8 billion in 2020-21 with variations across regions – (-) 17% from North America; (-) 13% from Europe; and (-) 9% from Asia, which is the largest source in size.

Indian Auto Component Imports (US\$ Bn)



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



## IMPORT DESTINATIONS - TOP 10 COUNTRIES

<b>CHINA</b>	<b>29%</b>	<b>THAILAND</b>	<b>5%</b>
<b>SOUTH KOREA</b>	<b>13%</b>	<b>SINGAPORE</b>	<b>5%</b>
<b>GERMANY</b>	<b>10%</b>	<b>ITALY</b>	<b>3%</b>
<b>JAPAN</b>	<b>8%</b>	<b>UK</b>	<b>3%</b>
<b>USA</b>	<b>7%</b>	<b>BELGIUM</b>	<b>2%</b>



## On Path to Recovery Amidst Volatility

While the first half of the year suffered the full impact of the pandemic, demand started to make a strong comeback in the last two quarters across most segments in the automobile industry, indicating a steep recovery. Specifically, the passenger vehicle segment had a stellar revival in the second half of FY2021. The rapid recovery path was however affected by the severe second wave of the pandemic in the beginning of FY2022. However, with gradual passing of the second wave of COVID-19 in India, demand is expected to see sharp recovery starting Q2, FY2022 with the upcoming festive season which could mark the beginning of a full revival.

Short to medium term growth will be driven by economic and market revival expected to start by Q3, FY2022, which will be supported by an accommodative monetary stance by RBI ensuring higher liquidity in the market. In addition, new product launches planned from Q2, FY2022 onwards will drive interest from buyers and spur demand. Certain behavioural patterns that have got entrenched due the pandemic is expected to last for some years. Leading this, is the preference for personal modes of mobility, which will play a very important factor in driving vehicle sales instead of increasing adopting more community based public transport systems. An increase in launch and revival of infrastructure projects post lockdown is expected to start the upswing in the commercial vehicle market as well.

In fact, the Indian automotive industry is expected to return to a healthy growth path and continue the growth trajectory in the coming decade. Estimates by PwC suggest that the passenger vehicle market is expected to reach annual sales of around 5.7 Million units and the two-wheeler market, the 30 Mn milestone by 2030. The commercial vehicle market including the 3-wheeler segment is expected to cross Annual domestic sales of 1.9 Million units during this period. The tractor market which holds a strong latent

potential is expected to reach annual sales of 1.5 Million units by the end of the decade.

Much of the demand growth over the short and mid-term will be shaped by Government policies and regulations. Regulations on safety, fuel efficiency and emission norms (BS-6 II, RDE, CAFÉ 2022), vehicle scrappage policy, PLI schemes in both automotive manufacturing and ACC batteries, FAME II (extension) and other schemes related to exports (RoDTEP) will play an important role in driving this next round of market growth.

FY2020-21, in many ways, has also been a year of new learnings. Consumer lifestyles and mobility preferences have been altered, some of them permanently. The mobility ecosystem will see a rapid change in the coming years – in personal as well as commercial mobility. Technology is expected to strengthen its position in the industry; electronics and software will capture increasing share of the value pools in the coming years. New value chains are now opening – especially in the emerging electric vehicle space offering new opportunities for growth and diversification for traditional players and incumbents in the industry. New operating models, increasing digitalization & digitization, direct-to-consumer channels, higher levels of automation, big data, AI/ML, cloud computing, digital twins, IoT and other Industry 4.0 technologies are changing the way the industry designs, develops and delivers products to the market.

While there will be long term growth trends, it is important to internalise that volatility is now going to be an integral part of business from the automotive supply chain. The convergence of stricter regulations, new business models and supply chain disruption is expected to result in continued volatility.



Clearly, the next decade is about growth opportunities amidst phases of strong challenges. In this environment, automotive suppliers will need to change their operating model to be agile, flexible and customer focused to succeed in this environment. Individual companies with robust financial management capabilities, with focus on growing value added per employee and strong alliances with suppliers and customers will emerge successful. Priority areas that need special attention include attracting and retaining top talent, developing and nurturing a core

leadership, and separating ownership from company management.

The automotive industry is expected to undergo a major transformation in the coming decade. It is imperative for the incumbent players to seize the initiative, innovate, collaborate, and capitalize on the big changes that are now underway. It is time to embrace the change and accelerate into the new future.



## 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.

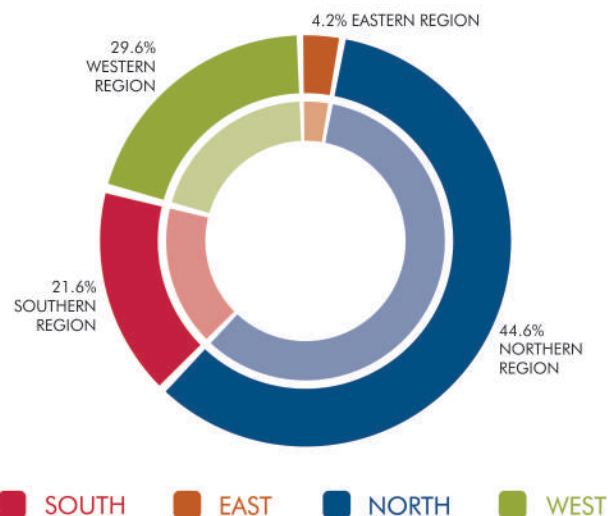
#### ACMA MEMBERSHIP (As of May 2019)

REGIONS	MEMBERSHIP
Eastern Region	32
Northern Region	336
Southern Region	163
Western Region	223
<b>Total</b>	<b>754</b>

### 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 Accesorios Para Automoviles, AC (ARIDRA)	
Mexico	Industria Nacional de Autopartes (INA)	
New Delhi	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	Gwanju Aftermarket Council (GAC)	
Spain	Asociation 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.

## 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 BSMS 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 young talents to make them leaders of tomorrow and develops a pool of experts across business functions that can help individual members grow their businesses. It is actively developing the Centre of Excellence to develop new skills and talent to support the industry. The Pillar is also responsible for interfacing with the Automotive Skill Development Council, a joint initiative of ACMA, SIAM, FADA and the National Skill Development Council of the Government of India.

The Joint Ventures, Trade Agreements, M&A, Overseas Investments and Industry Associations Pillar, provides understanding and insights on how to access technology through partnerships and JVs. It provides insights into leveraging opportunities through M&A, JV, TA and expand footprint globally (brown field and green field) and in the domestic market. Workshops, conferences and match making expos are conducted to support its initiatives. It also promotes creating a strong global network of 'Associations of Component Manufacturers' for mutual co-operation, business development, and provides a platform of sharing best practices, information exchange and build stronger global linkages.

The Industry, ACMA image and PR Communications Pillar, supports in enhancing the overall brand of the industry and the association. It helps bring awareness and visibility for the significant contribution made by auto component industry and by ACMA to stake holders, and provides visibility to various ACMA activities and initiatives in both domestic and international markets. Utilising Public Relation and Social Media as tools it brings higher visibility to the ACMA brand among internal and external audiences. It is the centre for all public relations activities for the association and is the custodian for managing all association related content in print or on the world-wide-web.

## 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 stake holders
- 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

Digitisation





## OFFICE BEARERS



**President**

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



**Vice President**

Sanjay J Kapur  
Chairman  
Sona Comstar

## REGIONAL CHAIRPERSONS



**NORTHERN  
REGION**

Ms. Shradha Suri Marwah  
Managing Director  
Subros Ltd.



**SOUTHERN  
REGION**

Ms. Shuba Kumar  
Managing Director  
Natesan Synchrocones  
Pvt. Ltd.



**WESTERN  
REGION**

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



**EASTERN  
REGION**

Mr. Ranjot Singh  
Managing Director  
Emdet Jamshedpur Pvt. Ltd.

# Deep Localisation





# MARQUEE EVENTS

## ACMA's 60th Annual Convention

### ACMA 60th annual convention

Automotive Component Manufacturers Association of India, the apex body representing India's auto component manufacturing industry, hosted its 60th Annual Convention on 5th September, 2020. The event was themed "Auto Components Industry- Shaping the New Normal". Amidst the impact of pandemic, the annual session centered on the future course for the industry, defining pathways to explore new avenues of growth, while building strategies to thrive in the post-COVID world.

The event witnessed participation of over 1500 delegates and eminent dignitaries from the government and ministries, OEMs, industry bodies and think tanks. The event was graced by Shri Nitin Gadkari, Hon'ble Union Minister for Road Transport & Highways, and MSMEs, Government of India, Shri Piyush Goyal, Hon'ble Union Minister for Commerce and Industry and Railways, Government of India and Mr Amitabh Kant, CEO, NITI Aayog who shared their views on Shaping the New Normal for the auto component sector.

ACMA also used the platform to launch its mobile application, which was unveiled by Director General, Mr. Vinnie Mehta. This new application will be a one stop destination for all the users and the industry players for information on the products and services.

In addition to the lively sessions, ACMA in partnership with McKinsey & Co., released a study on "Shaping the New

Normal" that gives a strategic roadmap to the industry with newer trends and opportunities in the new normal. The study recommends the auto suppliers to take four key actions that include Increasing the localization to capture USD12 billion opportunity for import substitution, Collaborate & Step into adjacent sectors that involve focus on aftermarket with distinct go-to market strategy, Optimize to become competitive to reduce 15-20% cost and Enable a winning mindset by making digital, analytics, and automation a way of working. The study further highlights on the role of Government and industry bodies as a critical differentiator in the sector's recovery.

Addressing the 60th Annual Session of ACMA, Shri Nitin Gadkari, Hon'ble Union Minister for Road Transport & Highways, and MSMEs, Government of India, said, "We know the industry is reeling under tough times and the government is doing its best to address the needs of the industry. We are constantly working to foster growth of MSMEs, develop the road infrastructure and focus on safety guidelines and increase adoption of alternative cleaner fuels in India. We understand that road are critical for the growth of automotive sector and in these challenging times we have been constructing 30 kilometres of roads every day. The Government is also working on 22 green-expressways and the component companies can set up automobile manufacturing cluster next to these expressways. We plan to bring the Scrapage policy which has been a long-standing demand from the industry within

a month. We believe that the auto industry has reached international standards and we will soon become the top automotive manufacturing hub in the world."

Shri Piyush Goyal, Hon'ble Union Minister for Commerce and Industry and Railways, Government of India, said, "ACMA has been the forefront of shaping the new normal. This indeed is a great time to bring in positivity and I see the auto component industry as becoming champions of the Atmanirbhar Bharat. We must now foster a spirit of collaboration, cooperation and commitment to grow and compete with the rest of the world. I am confident, that with a collaborative approach and working with stakeholders and suppliers, the auto component industry is on the road to success."

Mr Amitabh Kant, CEO, Niti Aayog, said, "The current times has been challenging which has given a huge opportunity to adapt and leapfrog to the world of tomorrow. The auto component industry is a strong representation of Atmanirbhar Bharat and we see India's recovery on the back of automobile and component manufacturing. We must make the Indian companies excel, capture the large domestic market and using it as springboard to penetrate the international market. The future course requires to focus on local manufacturing and across tier 1, 2 and 3 suppliers as we believe all resources and capabilities are available in India. We need to ramp up R&D to create indigenize technology and therefore reduce imports. There is also need for new synergies such as with IT industry in the areas of power electronics. India must look at using the first mover advantage for producing all components for Electric Vehicles, thus driving towards the path of being a future global leader. The Electric vehicles battery prices are set to go below USD 100, throwing a huge opportunity in the sector to localise. Moreover, we also need to reskill our existing workforce with information related to electronics and digitization."

Mr. Deepak Jain, President, ACMA said, "Though we have witnessed challenging and inescapable new realities during the COVID19 pandemic, we must now consciously work for the future. In the past month, we have seen a massive rebound to almost 100% in most segments, which is indeed

heartening. We now look forward to the upcoming festive season and the industry to achieve a significant level of normalcy by November 2020. With a view to create a sustainable industry, our auto-component manufacturers will have to gear themselves to the realities of a dynamic and volatile environment and reinvent their business models to deal with the new set of challenges."

Mr. Jain further added, "This year of resilience has strengthened our spirits and we are confident that we will surpass the current disruptive challenges facing us and create a new paradigm in global quality, manufacturing excellence and sustained competitiveness for an Atmanirbhar Bharat."

Mr. Kenichi Ayukawa, President, SIAM and MD&CEO, Maruti Suzuki and Mr Uday Kotak, President, CII and MD&CEO, Kotak Mahindra Bank, attended the inaugural session as Guests of Honor. The keynote for the session was delivered by Dr. Pawan Munjal, CMD & CEO, Hero Motorcorp. The welcome address and the concluding remarks for the first session were delivered by Mr Deepak Jain, President, ACMA & CMD, Lumax Industries and Mr Sunjay J Kapur, Vice President, ACMA and Chairman, Sona Comstar respectively.

The Special Plenary Session was addressed by Mr O Suzuki, Chairman, Suzuki Motor Corporation and Mr T Suzuki, President & COO, Suzuki Motor Corporation; Mr Guenter Butschek, MD & CEO, Tata Motors. The theme session on Shaping the New Normal was presented by Mr. Shivanshu Gupta, Senior Partner, Mackinsey & Company and the keynote for the session was delivered by Dr Pawan Goenka, MD, Mahindra & Mahindra.

The Annual session also had a panel discussion which was attended by Mr Rajan Wadhwa, Past President, SIAM and Senior Advisor, Mahindra & Mahindra; Mr Vipin Sondhi, MD & CEO, Ashok Leyland; Mr Abhimanyu Munjal, Jt. MD & CEO, Hero Fincorp; Mr Nikunj Sanghi, Chairman, ASDC and MD, JS Fourwheel Motors; Mr Arvind Balaji, Past President, ACMA and Jt. MD, Lucas TVS and Mr Soumitra Bhattacharya, President & MD, Bosch India.





ACMA's 5th

# Auto connect

BUILDING SUPPLIERS' NETWORK 2020

The 5th edition of the iAutoConnect 2020 - International Reverse Buyers & Sellers Meet organised by ACMA, under the aegis of the Ministry of Commerce & Industry, Government of India, successfully held on a virtual platform. The seven day extravaganza helped the exhibitors to connect with overseas auto component distributors and buyers from several countries, the highly successful event concluded on 1st December, 2020.

Over 307 international auto component aftermarket distributors from around the world participated in the premium event while over 65 Indian component manufacturers displayed their products. The Indian manufacturers displayed their excellence in manufacturing, supporting the 'Make in India' vision of the Government of India and the drive towards Atmanirbharta (self-reliance).

International auto component aftermarket distributors from ASEAN, Middle East, Africa, SAARC, and Europe remained the visitors at the event. Many leading IPOs such as Navistar, Paccar, AAM, BMW, COBO, Mercedes Benz, Cummins and Ford etc. were also among the active business visitors.

Commenting on the success of the event, Mr. Deepak Jain, President, ACMA said, "This year, we have braved many uncertainties and emerged increasingly resilient & confident

which was amply reflected in the enthusiasm of the members participating at iAutoConnect 2020. In its fifth year, iAutoConnect is now well established as a key global networking platform for domestic component manufactures and international buyers. I am confident that initiatives such as these will help our industry become a net-exporter in not too distant a future. The auto component industry exports over twenty-five percent of its production and our ambition is to capture a substantial proportion of global trade in the next five years."

Elaborating about the achievements of this year edition of iAutoConnect, Vinnie Mehta, Director General, ACMA said, "Despite the challenges, we concluded a highly successful edition of this year's virtual iAutoConnect,. We saw a tremendous response from the international buyers, which is testimony to their growing interest and confidence in India as a global automotive manufacturing and sourcing hub. ACMA will continue to strive towards making the Indian auto component industry become globally competitive and providing international business opportunities to its members."

The event concluded on high note with lot of enthusiastic feedback



## ACMA Technology Summit & Awards

# 6<sup>th</sup> ACMA Technology Summit & ACMA Awards

February 25, 2021

The Automotive Component Manufacturers Association (ACMA), the apex body of the Indian auto component industry today hosted the 6th edition of ACMA Technology Summit & Awards on 25th February, 2021. The summit themed as Towards Atmanirbhar Bharat - Technologies for Sustaining growth, aims to foster indigenous innovations with a focus on technology and working towards robust automotive supply chains by de-risking through self-reliance.

The annual platform also honours and felicitates small, medium, and large enterprises for excellence across parameters such as Manufacturing, New Product Development, Exports, Human Resource Development, and Health Safety & Environment.

The summit was graced by the Hon'ble Minister for Ministry for Road Transport & Highways & the Ministry of Micro, Small and Medium Enterprises, Shri. Nitin Gadkari, who also inaugurated the Summit and the Awards show.

Addressing the industry Mr Nitin Gadkari said, "The government recognises the substantial contribution of the auto component industry towards the Indian economy. This industry is one of the twelve champion sectors to contribute majorly to "Make in India" and to propel "Atma-nirbhar Bharat". We are confident that the recent policy measures and budget boost will make the industry a global manufacturing hub. Affordability, high quality and reliability will make us a leading global market. We also need to focus on how we harness technology to promote alternate fuels like Bio CNG, electricity, hydrogen, etc and build better vehicles to contribute to ecology, economy and environment. I am very optimistic that the fiscal year 2021-22 is expected to be the year of rebound of Indian automobile industry. With strong growth projections for across segments of the vehicle industry, the auto component industry is bound to have high growth. I am confident that India will become a hub for automotive manufacturing in not too distant a future. I wish ACMA technology summit a great success!"

Organized on a virtual platform, the 6th ACMA Technology Summit successfully brought industry experts to deliberate on building an Atma-nirbhar Automotive value-chain

through cutting edge technologies and collaborate for de-risking against disruptions. Thought leaders from the industry, government and the academia emphasized on adopting new technologies, manufacturing practices, and business models to sustain growth and stay ahead of the curve. In addition to the discussion on the summit theme Towards Atma-nirbhar Bharat - Technologies for Sustaining growth, a knowledge session on Emerging Technologies - Redefining India's Automotive landscape was also organized.

Mr. Deepak Jain, President, ACMA said, "As an industry, we have collaborated well to face the unprecedented disruptions in wake of the pandemic. We are also thankful for the supportive policy interventions by the Government which helped us to sail through the difficult period. Now, we need to pay attention to find innovative ways to sustain growth, ensure a robust supply chain and create more value-addition. Adopting new and modern technologies will be key for our industry to remain competitive. With a fast-changing regulatory environment and India becoming a preferred destination for designing and manufacturing for most global auto OEMs, it is imperative for the auto component industry to invest in latest technologies to stay relevant."

During the summit, around 60 auto component players were recognized and honored for their path-breaking initiatives in distinctive domains such as Manufacturing, New Product Development, Exports, Human Resource Development, and Health Safety & Environment. ACMA Annual Awards, one of the most coveted honors in the Indian auto component industry witnessed 305 applications, one of the highest ever, of which 75 were adjudged winners under various categories.

Speaking about the ACMA Annual award, Mr. Vinnie Mehta, Director General, ACMA said "We witnessed an unprecedented crisis in 2020 but the entire industry came together to support each other and collectively face the challenge. The auto component industry has displayed remarkable resilience and it is a time to reward and recognize industry efforts. We are proud to conclude this edition of the ACMA Technology Summit & Awards and congratulate all the winners and applicants as each one of them embodies this spirit of excellence."

The summit witnessed participation from eminent dignitaries including Mr. Kenichi Ayukawa, President SIAM & MD & CEO Maruti Suzuki India Ltd., Mr. Vipin Sondhi, Vice-President - SIAM, MD & CEO, Ashok Leyland, Mr Vikram Kasbekar, Executive Director & CTO, Hero MotoCorp Ltd., Mr Raju Ketkale, Deputy Managing Director, Toyota Kirloskar Motors Pvt. Ltd., Mr Ashok Taneja,

Past President, ACMA & MD & CEO, Shriram Pistons & Rings Ltd. Mr Arvind Balaji, Past President, ACMA & Joint Managing Director, Lucas-TVS Ltd. Dr. Souvik Bhattacharya, Vice Chancellor, Birla Institute of Technology and Science, Pilani, Mr. Schulze Isfort, CEO of Bernard Krone Beteiligungs GmbH, Krone Family Office, Spelle, Member of the Board, VDA Berlin among others.



## ACMA Auto Technology Partnership Summit & Expo 2021

ACMA, in association with Ministry of Commerce, SIAM and International Purchasing Offices (IPO) Forum of ACMA organised the 1st ever virtual Auto Technology Partnership Summit & Expo (ATPSE) from 2nd to 5th February, 2021.

The objective of the event was to harness the Indian Automotive opportunity through partnerships and to provide a platform for ACMA member companies to expand their business by way of;

- Exploring opportunities for manufacturing/ technology development for ICE / EV components and Tools & Dies
- Exploring localization of systems and sub system for de-risking business
- Exploring opportunities for JVs/ Technology tie up and Partnerships
- Export opportunities
- Exploring contract / joint manufacturing

A total of 45 leading companies exhibited their products line-up. The event witnessed over 492 visitors, while 261 visitors were from India, rest of 231 were from overseas participants.

Series of webinars were held highlighting the avenues for investment & opportunities. Each day of the event was dedicated for ACMA's counterparts in Japan, Europe and North America as per the following schedule:

- 02 February, 2021: Inaugural of Expo and Japan Day: India- The Investment Opportunity
- 03 February, 2021: Europe Day - Harnessing the Indian Opportunity through Technical Collaborations
- 04 February, 2021: North America – India Partnership Day

The conference was graced by eminent speakers like; Mr. Kenichi Ayukawa, Managing Director & Chief Executive Officer, Maruti Suzuki India, H.E. Mr. Sanjay Kumar Verma, Ambassador of India to Japan apart from senior leadership from JAPIA, JETRO, Uno Minda and Sumida.

On the second day of the conference Mrs. Mukta Dutta,

Ambassador of India to the Federal Republic of Germany and Mr. Arun Goel, Secretary, Ministry of Heavy Industries, were the chief guests of this conference. Other eminent speakers of the inaugural session included senior leaders from SMMT and VDA.

The last day of the conference was graced by H.E. Mr. Taranjit Singh Sandhu, Ambassador of India to US. New opportunities for partnership with US companies for sourcing technologies and to increase localization in India were explored. The day also witnessed the conference on Globalisation through Strategic Partnerships & Investments.

**Mr. Deepak Jain, President, ACMA** thanked the dignitaries for their presence and said, "We thank all our counterpart associations across the globe, and our sister associations, SIAM and the IPO forum in India for their encouragement to ATPSE. The auto component industry has stood the test of time and today is one of the key drivers of Indian economy. While the year gone by has been one of the most challenging in the history due to the pandemic, with unlocking of the Indian economy, the entire auto industry has bounced very strongly. Today we are observing a V shaped recovery. The year 2021 is being termed as the year of rebound and should things move ahead as envisaged, the Indian GDP will grow at 11%, while the auto component industry will grow by 15-20%. All this indeed augurs well for us."

On the successful conclusion of ATPSE, **Vinnie Mehta, Director General, ACMA** said, "ATPSE welcomed many international dignitaries and associations to devise new avenues that will help in building a more competitive value chain. With representations from Japan, Europe and North America, we look forward forthcoming partnerships for ACMA across geographies to add to our growth story".

The exhibition interface of the event was very well received by visitors as well as exhibitors. The system recorded 5985 clicks with maximum being on product display (811), 803 on brochure, 278 card drop, 236 live chat and 169 on b2b meetings shows high level of engagement from Visitors.

All the three conferences was well attended with over 200 attendees on every single day.



## ACMA Automechanika, New Delhi



The maiden virtual edition of ACMA Automechanika, New Delhi, was jointly organised by ACMA and Messe Frankfurt, India from 22nd to 23rd April, 2021. The show witnessed 81 exhibitors, showcasing 1,233 products, including a range of product demonstrations and knowledge sessions. The launch edition of ACMA Automechanika virtual ended on a high note attracting 2,407 active attendees through its B2B matchmaking platform.

The fair showcased a variety of automotive components and aftermarket products from 81 exhibitors on board, including top brands like: Schaeffler India, eBay, ITW, Ajit Industries, Benara Udyog, Elofic, Steel Impex, KK Lighting, Industrias Del Recambio, Farad Italy, Indo-MIM Pvt Ltd, and Esteem Auto Pvt Ltd.

The digital platform garnered the presence of industry visitors from all corners of India, including major cities like Ahmedabad, Bengaluru, Cochin, Chennai, Delhi, Hyderabad, Jaipur, Kolkata, Mumbai, Pune and Srinagar. Moreover, the event also attracted visitors from 49 countries across the globe, including: Belgium, Canada, Denmark, France, Japan, Germany, UAE, UK, USA, Saudi Arabia, Sweden and Russia.

Addressing the industry and the attendees tuned-in live, Mr Deepak Jain, President, ACMA, in his address commended the resilience and potential of the Indian aftermarket industry: "The Aftermarket in India is probably the most vibrant and fastest growing segment of our industry. In 2019-20, it stood at USD 9.8 billion, with a CAGR of 12 percent while the overall turnover of the auto component industry stood at USD 50 billion with a CAGR of 8 percent."

"It is interesting to note that last year, which was probably the most challenging year for us due to the out-break of the pandemic, all segments of the industry, be it supplies to OEMs, or exports or the imports, suffered badly, however, the aftermarket remained robust. This reflects the undying spirit of the aftermarket as also its strong potential. That apart, our exports stood at USD 14.5 billion in 2019-20 and 20% of this are directed to the aftermarket," Mr Jain elaborated.

Mr Raj Manek, Executive Director and Board Member, Messe Frankfurt Asia Holdings Ltd. said "2020 was one of the most challenge-ridden years for us all. But it is time now to shift gears and focus on development and continuity of business. This objective is at the core of Automechanika's vision as the leading trade fair brand for this sector. I hope all the attendees benefit from the interesting discussions and virtual connections during these two days which we will soon transform into face-to-face encounters at the physical tradeshow of ACMA Automechanika New Delhi in 2023,"

Over the two day of the virtual fair, a total of 1,233 products were put on display including seven product demonstrations which provided buyers with a wide variety of options to choose from. The virtual product demonstration feature particularly enabled the visitors to gain detailed knowledge on the latest automotive components displayed at the fair.

### Some of the key highlights displayed on the virtual platform include:

- **FEAD Belt Tensioners from INA by Schaeffler India** that minimises belt fluttering, slippages, noise, friction and heating & improves power transfer from crankshaft to accessories.
- **Seamless Retail E-commerce Export with eBay:** Indian auto component manufacturers can list their products on eBay's global marketplace, exposing them to a channel of more than a million international buyers.
- **Makino CCA (Centrifugal Clutch Assembly) by Makino Automotive:** An easy-to-install clutch system designed to minimise vibration with proper balancing, eliminates the risk of having loose part assembly.
- **Septone Foam Wash by ITW Chemin:** Cleans off dirt and grime from vehicles, enhances the gloss of painted surface by more than 20%, is environment-friendly and adapts to different water conditions.
- **Metal Injection Moulding parts (MIM) by Indo-MIM Pvt Ltd** for versatile purposes such as designing, tooling, materials as well as a wide range of finishing and assembly operations.
- **Valve tappets by Shri Ram International:** Strong mechanical lifters for trucks, cars and agricultural engines with precisely engineered dimensions.

Apart from showcasing a wide catalogue of products, the two-day virtual fair also featured a series of live knowledge covering crucial industry topics led by distinguished knowledge partners.

Garnering the presence of both domestic and international visitors on its platform, the 'first-ever' virtual edition of ACMA Automechanika, New Delhi successfully concluded after two days of proactive networking, sourcing and knowledge sessions.

# POST SHOW REPORT 2021

**ACMA**  
**automechanika**  
NEW DELHI



22 – 23 April

ONLINE Edition

ACMA

messe frankfurt

## Show Profile

Standing true to the objective of connecting buyers and sellers through its platform, the virtual edition of ACMA Automechanika enabled buyers to engage in proactive networking with major aftermarket players onboard.

The two-day virtual fair also featured a series of product demonstrations along with live conferences on industry's burning topics led by distinguished knowledge partners.

Supported by top industry associations, the maiden virtual edition of ACMA Automechanika succeeded in uniting industry players at a crucial hour, to discuss emerging opportunities in the Indian automotive aftermarket segment.

## First-ever virtual edition

Date : 22 – 23 April 2021

Organisers : Messe Frankfurt Trade Fairs India Pvt Ltd & ACMA (Automotive Component Manufacturers Association of India)

81  
Exhibitors

1233  
Products listed

2535  
Contacts made

244  
Meetings confirmed

7  
Product demos

4  
Knowledge sessions

2407  
Active users

12046  
Messages exchanged

## Show highlights

- Virtual product demonstrations on the digital show floor by Schaeffler, eBay and ITW
- Live knowledge sessions covering the themes of digitisation, exports & business drivers, skilling initiative and holistic market outlook
- Technical advice session on "Dual clutch transmission comfort & safety on the road" by Schaeffler India
- Export connect session on 'Seamless retail e-commerce' by eBay

"We had over 1500 people visiting our space, with many meetings conducted online. The virtual fair was well complimented with great panel discussions on very relevant topics which culminated into a great learning experience for us and our customers. Not only us, but also the industry is looking forward for the physical event of Automechanika in 2023."

– Mr Debashish Satpathy  
VP - Automotive Aftermarket,  
Schaeffler India

"As an automotive service provider, I could meet traders from all over India. The business opportunity was great as I could chat with various companies and get to know their product catalogue and pricing. Now I have many sources where I can buy the required automotive parts. I would definitely look to visit the physical platform of ACMA Automechanika."

– Mr Paras Vasani  
Owner, Shree Jalaram Auto Clinic

"As a first-time visitor of ACMA Automechanika New Delhi my experience at the online edition had been good. I met several exhibitors at the fair today like Mahle, Vishnu Karma, Maya Auto Cop & others. I would definitely say that this exhibition is beneficial for businesses in the automotive sector."

– Mr Ashish Sethiya  
Director, Sethiya Motors

## Supporting partners for the edition

Principal partner

**SCHAEFFLER**

Associate partner

ebay  
SELL GLOBAL

Session partners

**R**  
ROGERS  
R.E. ROGERS INDIA

veritech  
protecting the best brands

Supported by

ET Auto.com  
From the Economic Times

Supporting associations

**AIAWA**  
INDIAN AUTOMOTIVE ASSOCIATION

**ACMA**  
AUTOMOTIVE COMPONENT MANUFACTURERS ASSOCIATION OF INDIA

Powered by

professional  
Professional Training for Automobile Industry

FROST & SULLIVAN

**MOTORINDIA**

AFTERMARKET  
& SERVICE  
powered by MOTORINDIA

## Insights from the live sessions

"Uberisation of trucks is becoming a reality, setbacks in shared mobility is leading to rising preference for personal mobility and more electronic content in cars is becoming a new trend."

– **Mr Ashok Taneja**,  
Managing Director and Chief Mentor,  
Shriram Pistons & Rings Ltd

"If we want to achieve aftermarket growth, we cannot remain in silos. A free and collaborative aftermarket ecosystem is crucial to create an enriching consumer experience"

– **Mr Rama Shankar Pandey**,  
MD, Hella India Lighting, and  
Chairman, Aftermarket Committee  
(ACMA):

"GOI is focussing on electrification, gas-based economy is another major area that is less talked about. Last year, we witnessed a spike in fossil fuel rates and a proportionate increase in demand for CNG cars by 45%."

– **Mr. Rakesh Kher**,  
CEO - Aftermarket,  
Uno Minda

"There is a definitely lot of opportunity in terms of exports. Looking at the next 10-15 years, power train components should be a major area of focus along with safety components."

– **Mr. Arvind Kapur**,  
Chairman & MD,  
Rico Auto Industries

"Global ecommerce is expected to exceed USD 78 billion in 2026. Tires, lubricants and performance parts may offer the most growth potential. Bundled purchases are expected in the near future."

– **Mr. Kaushik Madhavan**,  
Vice President, Frost & Sullivan  
(Predictions for Aftermarket  
e-retailing)

## Key product showcases at the virtual edition



### FEAD Belt Tensioners from INA by Schaeffler India

that minimises belt fluttering, slippages, noise, friction and heating & improves power transfer from crankshaft to accessories.



### Makino CCA (Centrifugal Clutch Assembly) by Makino Automotive

an easy-to-install clutch system designed to minimise vibration with proper balancing, eliminates the risk of having loose part assembly.



### Septone Foam Wash by ITW Chemin

cleans off dirt and grime from vehicles, enhances the gloss of painted surface by more than 20%, is environment-friendly and adapts to different water conditions.



### Metal Injection Moulding parts (MIM) by Indo-MIM Pvt Ltd

for versatile purposes such as designing, tooling, materials as well as a wide range of finishing and assembly operations.



### Seamless Retail E-commerce Export with eBay

Indian auto component manufacturers can list their products on eBay's global marketplace exposing them to a channel of more than a million international buyers.



### Valve tappets by Shri Ram International

Strong mechanical lifters for trucks, cars and agricultural engines with precisely engineered dimensions.

## NEXT EDITION

ACMA Automechanika  
New Delhi to be held on

9 – 12 February 2023

Pragati Maidan, New Delhi



TOYOTA KIRLOSKAR MOTOR

## Toyota Kirloskar Motor Signs MoU with ACMA for People Training

In line with its unwavering commitment to contribute to the human development efforts of the automotive industry, Toyota Kirloskar Motor (TKM), announced the signing of a Memorandum of Understanding (MoU) with the Automotive Component Manufacturers Association of India (ACMA) on **23rd June, 2021**. As per the MoU, TKM through its training arm Toyota Learning and Development India (TLDI) will share its best practices like people development and lean management principles with the industry members of ACMA.

The MoU aligns with TKM's continuous efforts in providing 'Lifelong Learning' to all its stakeholders including employees, suppliers, and industry peers to help them achieve their fullest potential in the ever-evolving skilling landscape. As per the MoU, TKM will impart 131 training programs focusing on principles of lean manufacturing, automobile and electrified vehicle technologies, industrial safety, environmental management systems, quality and supply chain management and trades such as automobile welding, car painting, mechatronics, automation and robotics. The training programs will be conducted either at the TKM manufacturing plant or at the premises of the ACMA member companies. TKM will deploy trainers who are certified by the Toyota Motor Corporation (TMC), Japan and Toyota's Asia-Pacific Global Production Center (AP-GPC), Thailand.

Commenting on the joint initiative, **Mr. Vinnie Mehta, Director General, ACMA, said**, "The MoU between ACMA and Toyota Kirloskar Motor (TKM) for people's development is a step in the right direction to prepare our human

resources for the future. It will not only benefit ACMA member companies but will also help India to become a world-class automotive manufacturing hub through the deployment of efficient, agile, and best-in-class practices.

Further, the pandemic has led to the realigning of the shop floors to ensure sustainable manufacturing with safety. Auto components manufacturers who will undergo skilling under this joint TKM-ACMA initiative, will be endowed with skills and knowledge for creating a manufacturing ecosystem that can overcome disruptions and ensure business continuity," he added.

Sharing his thoughts on the tie-up, **Mr. G. Shankara, Vice President, Human Resources and Services, TKM, said**, "People are the most important asset at Toyota and thus developing them forms the fulcrum of our company's philosophy. The 'Toyota Way' focuses on the quest for improvement by encouraging both incremental and breakthrough innovative thinking. Today, every organization is looking for a silver lining as they adapt to the new normal and make work more productive and flexible. Toyota Production System which is a globally renowned approach for the auto industry helps in building lean and agile systems. We are happy to share Toyota's know-how and contribute to the human development of the auto components industry. We are hopeful that our association with ACMA in facilitating skill-upgradation for the components manufacturers will go a long way in creating a sustainable, robust and future-ready automotive supply chain in the country," he added.



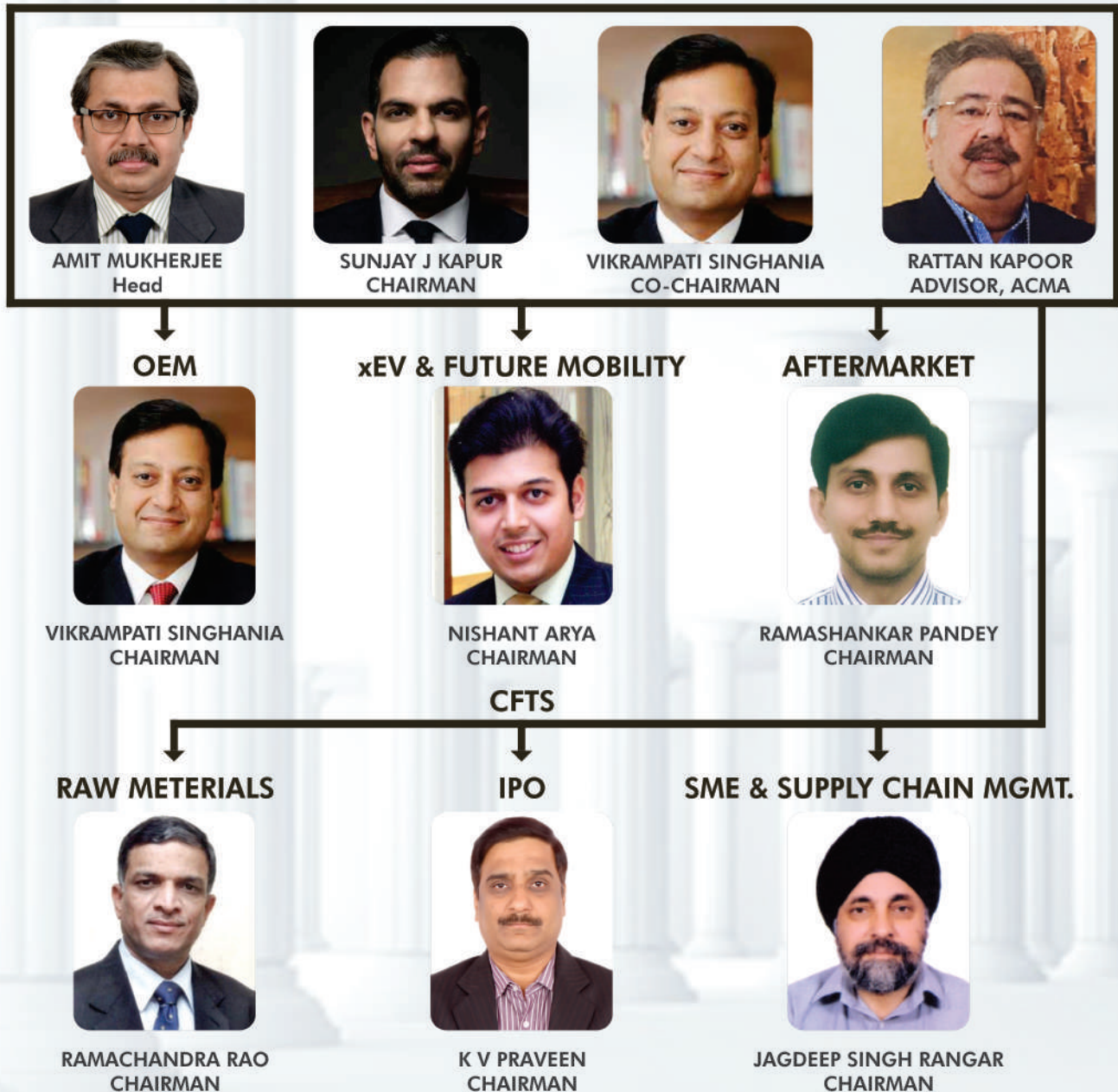
# PARTNERSHIP



ACMA PILLAR 1

**BUSINESS  
DEVELOPMENT**

# PILLAR STRUCTURE



## KEY INITIATIVES

1. Virtual Tools & Dies Expo
2. Virtual iAutoConnect (RBSM)
3. Virtual BSM with WANA & African aftermarket Buyers
4. Virtual Conference on Defence & Aerospace: Cultivating synergies between Auto & Defence manufacturing
5. Virtual Conference & Exhibition : EV's - Transforming Mobility
6. Virtual Interactive Session with Mr. Hemant Sikka, President-Farm Equip Sector, M & M
7. Online Session on Impact of semiconductors shortage on Auto Industry
8. Virtual interactive session with Mr. Sunil Deshmukh, SKODA AUTO
9. ACMA Technology Summit & Awards
10. Online Interactive Session with Mr. Baba Kalyani, Chairman & Managing Director, Bharat Forge Ltd.
11. ACMA Automechanika, New Delhi
12. Virtual 2nd Automotive Raw Material Localization Conclave & Exhibition
13. Virtual 8th ACMA SME Summit

## PILLAR 1 - BUSINESS DEVELOPMENT

### INTRODUCTION

In the 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.

### ACTIVITY HIGHLIGHTS: 2020-21

#### Headquarter Lead Activities

- Virtual Tools and Dies Expo from 5th to 9th September, 2020
- Virtual Conference on Building a Robust Tool & Die Industry - A step towards ATMANIRBHAR BHARAT on 7th September, 2020
- iAutoConnect (RBSM) from 25th November to 1st December, 2020
- Virtual Conference on Global Aftermarket Perspective post Covid on 25th November, 2020
- Virtual New initiative: 1st Round Table Meeting on Connected Vehicle Ecosystem on 4th December, 2020
- Virtual Conference & Interaction Opportunity on EV Power Electronics Solutions on 14th to 15th December, 2020
- Virtual Supply Chain & Logistics Conference - An IPO Forum initiative on 27th January, 2021
- Virtual CII Future Mobility Show (FMS) – Digital Exhibition and Conference from 25th February to 3rd March, 2021 (Co-organized with ACMA and SIAM)
- Online Meeting of the Tool & Die Core Group SIAM, ACMA and TAGMA on Localization Roadmap on 17th March, 2021
- Launch Wadhvani Advantage program (CFT-SME & SCM) in April, 2021
- Interaction & Match-making Session with MG Motor: Phase 1 - Webinar with the Purchasing team on opportunities for localization & shortlisting of potential suppliers on 16th April, 2021
- Virtual ACMA & MAKE IN INDIA MITTELSTAND (MIIM) webinar on "Supplying the BMW Group Success Stories, Buying Strategy, Future Plans" on 20th April, 2021
- Participation of ACMA at the webinar on Austria Showcase Digital - Automotive India on 21st April, 2021
- Virtual ACMA Automechanika New Delhi on 22nd to 23rd April, 2021
- Online Panel Discussion on How to Build a Robust and Sustainable Aftermarket Industry in India on 22nd April, 2021
- Online Panel Discussion on Aftermarket Business Drivers & Exports in the Next Decade on 22nd April, 2021
- Online Panel Discussion on Innovative Business Models in the Automotive Aftermarket powered by Digitization on 23rd April, 2021
- Online Panel Discussion on Indian Automotive Aftermarket – Bringing out the full potential through Upskilling on 23rd April, 2021
- Virtual TAGMA Tool Talk on 30th April, 2021
- Virtual VDA - CharIn Tuesday India - Increasing CCS Adoption by Vehicle Manufacturers on 4th May, 2021
- Virtual launch of ACMA Humsafar the Digital Channel Directory on 3rd June, 2021
- Virtual National conference on Exploring new opportunities in the Global Aftermarket Business – Post Covid on 23rd June, 2021
- Virtual BSM with WANA & African aftermarket buyers on: 28th to 30th June, 2021
- Virtual Conference on Defence & Aerospace: "Cultivating synergies between Auto and Defence manufacturing" on 13th July, 2021
- Virtual National Conference & Exhibition : Evs - Transforming Mobility on 22nd to 23rd July, 2021
- Virtual National Conference on Graduating To A 'Design & Engineering' Capable Supplier in association with NASSCOM on 30th July, 2021

#### Eastern Region

- Online Business Enhancement Session on 15th and 16th September, 2020
- Online ER Members Interaction on 24th September, 2020
- Online ER Members Interaction on 11th February, 2021
- Online Interactive Session on Wadhvani Advantage Programme on 16th June, 2021





# Business development



### Northern Region

- Virtual Special Interactive Session with Mr. Hemant Sikka, President-Farm Equip Secotr, M & M on 18th November, 2020
- Virtual Special Interactive Session with Mr. R C Bhargava, Chairman, MSIL on 29th January, 2021
- Virtual Presentation by EY on ACMA-SIAM Joint Study Report on Localisation on 3rd March, 2021
- Virtual Supply Chain Conference on Fit for Future Enterprises Summit August, 2021

### Southern Region

- Virtual two days Workshop on Workforce Management and Engagement Strategies (with MSME CFT) on 9th and 10th September, 2020
- Online Special Session on Electrification: Strategy for Present & Future India on 29th October, 2020
- Virtual Business Opportunity - Session with Srivaru Motors on EV Components on 26th November, 2020
- Virtual Conference on Aftermarket Exports: Strategy for Sustenance on 2nd February, 2021
- Virtual Capability Presentation and Tech Display @ Ather Energy on 16th March, 2021
- Webinar on Innovation Plastics Addressing Future Needs of the Automotive Sector on 23rd April, 2021
- Online Special session on Impact of semiconductors shortage on Auto Industry on 4th June, 2021

- Virtual Kems - Technology Display @Ather Energy on 19th March, 2021
- Monthly Regional Committee Meeting and interaction with FADA Leadership (2nd Friday of every month)
- Virtual Tech Show Phase-2 with Ather Energy Pvt. Ltd. for Fiem Industries, 16th March, 2021
- Virtual Tech Show Phase-2 with Ather Energy Pvt. Ltd. for Kems Auto, 19th March, 2021
- Special session on Challenges in Export Logistics, 11th August, 2021

### Western Region

- Virtual Exhibition & Conference on Automotive Supply Chain from 15th to 21st October, 2020
- Virtual interactive session with Mr. Sunil Deshmukh SKODA AUTO on 8th December, 2020
- Virtual session on Building Independent Aftermarket open Catalogue on 15th December, 2020
- Online Special Interactive Session with Mr. Baba Kalyani, Chairman & Managing Director, Bharat Forge Ltd on 18th February, 2021
- Virtual 2nd Automotive Raw Material Localization Conclave & Exhibition on 9th & 10th February, 2021
- Virtual 8th ACMA SME Summit on 7th July, 2021





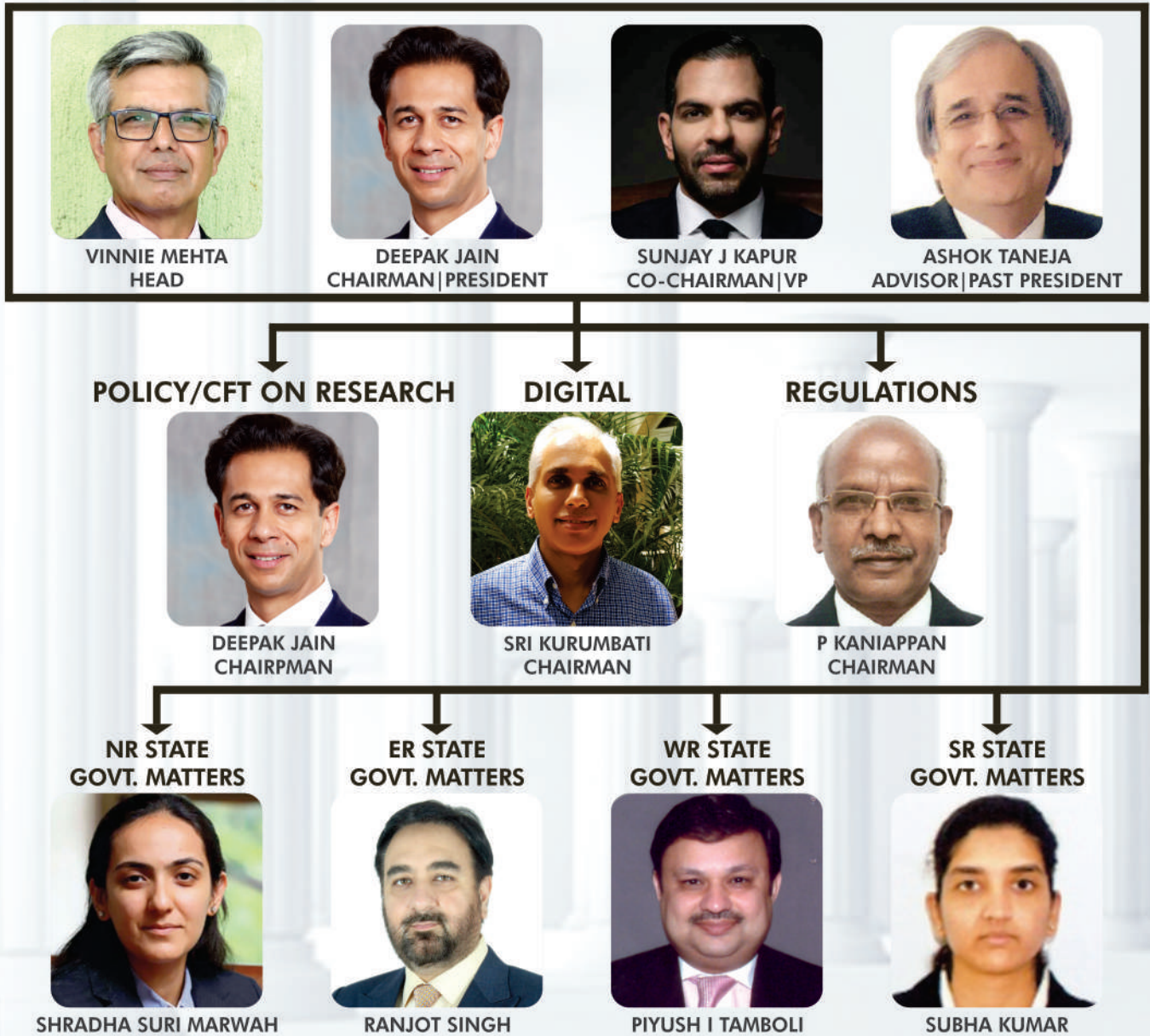
ACMA PILLAR 2

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**GOVERNMENT ADVOCACY  
REGULATORY & RESEARCH**

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# PILLAR STRUCTURE



## KEY INITIATIVES

1. Virtual Session on Preparing RoDTEP calculation
2. Webinar with Industry Leaders on Automotive Industry – Rebooting to Next Normal
3. Meeting with Dr. Krishna Kanth Pathak, Commissioner – Industries, Rajasthan
4. Virtual State level Consultative Committee Taxation for Annual Budgeting with Hon'ble Shri. Ashok Gehlot, CM, Rajasthan
5. Virtual Meeting with Hon'ble Shri. Dushyant Chautala, Deputy CM Haryana, with the prominent Industries and Industrial Association regarding Electric Vehicle Policy with Stakeholders
6. Virtual Interaction with RIICO, MD - Mr. Ashutosh Pednekar on Investment Opportunities in Rajasthan
7. Virtual Interactive session with Mr. Gaurav Gupta, Principal secretary, Govt. of Karnataka & members of Auto component Industry on the New Industrial Policy & Investment promotion
8. Virtual Representation made to Govt. of Karnataka for inclusion & relaxation of norms for functioning of Auto Component Industry during lockdown
9. Virtual National workshop on E-Invoicing and GST Compliance
10. Online Interaction with Hon'ble Shri Jagadish Shettar, Minister for Large & Medium Scale Industries, Govt. of Karnataka
11. Virtual Help Kiosk: Tamil Nadu New Industrial Policy and MSME Policy 2021 for Auto component sector
12. Virtual 1st Interactive session of ACMA (WR) CFO Forum
13. Virtual CFO SUMMIT on Key Finance Priorities : In Post Covid Era
14. Virtual 1st Digital Summit - Digital Transformation -Building Blocks for future manufacturing

## PILLAR 2 - GOVERNMENT ADVOCACY, REGULATION & RESEARCH

### INTRODUCTION

The activities of the pillar includes interface with Central Govt. Departments and State Governments which are led by Regional Secretaries and Regional Chairmen; Interface with Central Government which further sub-divided into Public Policies, Regulations & Taxation and Research.

#### The objectives of the pillar includes:

- Proactive engagement with Ministries in Central Government
  - Development Council for Automobile and Allied Industries (DCAAI), MoHI
  - National Automotive Board, MoHI
  - Inter-Ministerial Groups (IMGs)
  - Fiscal Policy and Direct & Indirect Tax Matters, MoF
  - Foreign Trade Policy, Export Benefits and related matters, MoC
  - DHI (MoHI), W.T.O. Trade negotiations and related matters, MoCI SCALE Committee, 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, MoHI, DIPP & Industry Associations

### UNION GOVERNMENT INTERACTIONS

- Online ACMA submission to MoRTH on Implementation of Café-II norms in September, 2020
- Virtual meeting with Joint Secretary, DHI to discuss the Draft Quality Control Order on Replacement Brake Linings & Drum Brake Lining in December, 2020
- Virtual meeting with Ministry of Electronics & Information Technology (MEITY) to seek clarity on application of 'Additional Product categories to the schedule of Electronics & Information Technology Goods, Order 2012' on the Automotive Industry in December, 2020
- Virtual representation to DPIIT, to put forth the delays being faced by overseas counterparts of Indian Safety

Glass manufacturers due to travel restrictions imposed by Pandemic in December, 2020

- Virtual meeting under leadership of Secretary, DHI and Secretary MoP&NG to understand preparedness by Industry to meet higher ethanol blends in January, 2021
- Virtual meeting held under leadership of Joint Secretary, MoRTH to discuss the Draft SOPs on VLT registration and activation in Vahan in January, 2021
- Virtual meeting called by MoRTH to discuss attracting private investment in setting up vehicle scrappage and recycling ecosystem in March, 2021
- Virtual workshop with all Industry Associations, organised by DPIIT, to improve and ease-out compliance burden to acquire BIS certifications in March, 2021
- Virtual Meeting called by MoRTH to discuss 'Retrofitment of LPG/CNG kits' in BS-VI Vehicles in March, 2021
- ACMA virtually submitted its representation to MoRTH on Draft Recall Norms in March, 2021
- ACMA virtually re-submitted its representation to MoRTH on Recall Norms in March, 2021
- ACMA virtually submitted its representation on Amendment to AIS-129 - Standard on End of Life Vehicles, proposing to cover all Safety Critical Components as also other critical components of vehicles, in the list of components not permitted to be reused and resold from ELVs in April, 2021.
- Online meeting with BIS Officials to discuss procedural queries & seek clarity on marking required on Wheel Rims as per BIS marking regime in April, 2021
- ACMA virtually re-submitted its representation to MoRTH highlighting concerns with 'Suppliers' responsibility' and liability enforced through the Vehicle Recall Rule in June, 2021
- ACMA along with SIAM, participated in a virtual meeting with Additional Secretary, DPIIT to request them to defer the QCO on Tools and Punches in June, 2021
- Virtual Interactions & Discussions with Hon'ble Union Minister for Commerce & Industry, Chairman, Scale Committee and other senior officials of the Ministry on Covid, Localization and Atma-nirbharta
- Virtual Interactions & Discussions with Revenue Secretary, Ministry of Finance, RoDTEP Committee and

Other key officials on GST, RoDTEP and Pre- Budget Recommendation

- Virtual Interactions & Discussions with Ministry of Heavy Industries Secretary, Joint Secretary and other key officials on PLI Scheme, PMP, EV, Export Promotion etc.
- Virtual Interactions & Discussions with Niti Aayog CEO and other Key Officials on PLI for Auto Sector and National Programme on Advanced Chemistry Cell Battery Storage (NPACC)
- Virtual Interaction with Union Minister for Electronics & Information Technology and other Key Officials on National Electronic Policy, SPEC'S and Incentivize Auto Electronics

## ACTIVITY HIGHLIGHTS: 2020-21

### Eastern Region

- Virtually Training on Fast, stable and unified production process specification, control, and iteration through Software-defined Manufacturing, Pashi on 18th February, 2021

### Northern Region

- Meeting in person with Mr. M P Singh, Addl. Chief Secretary - Excise & Taxation, Govt. of Punjab on 17th Sept. 2020, Chandigarh
- Meeting in person with Dr. Krishna Kanth Pathak, Commissioner – Industries, Rajasthan on 19th Sept. 2020 in Jaipur
- Virtual Session on Preparing RoDTEP calculation on 23rd September, 2020
- Virtual Webinar with Industry Leaders on Automotive Industry – Rebooting to Next Normal on 24th September, 2020
- Virtual Webinar on ACMA – ZoHo Special Campaign on 28th September, 2020
- Virtual Interaction with RIICO, MD - Mr. Ashutosh Pednekar on Investment Opportunities in Rajasthan on 23rd November, 2020
- Virtual Certification on Masterclass on Customs on 21st & 22nd January, 2021
- Virtual State level Consultative Committee Taxation for Annual Budgeting with CM, Rajasthan on 5th February, 2021
- Virtual Webinar with Lakshmikumaran & Sons on SC decision on Classification of goods - Impact on Automobile Sector 9th June 2021

- Virtual Webinar with Digital CFT with Altem Technologies – a PLM Software Partner for Dassault Systèmes and distributor of 3D Printers from Stratasys Ltd., in India on 11th June 2021

- Virtual Meeting under the Chairmanship of Honorable Deputy CM Haryana with the prominent Industries and Industrial Association regarding discussion on Electric Vehicle Policy with Stakeholders on 16th June 2021

### Southern Region

- Virtual Interactive session with Mr. Gaurav Gupta, Principal secretary, Govt. of Karnataka & members of Auto component Industry on the New Industrial Policy and Investment promotion on 9th September, 2020
- Virtual ACMA Help Kiosk Session on New and key developments being introduced by the Government of India - Faceless Assessment & In-Bond Manufacturing on 18th September, 2020
- Online training on Tax Collected at Source (TCS)- ACMA Help Kiosk Session: Knowledge Partner EY on 16th October, 2020
- Online Best Practices sharing on Industry 4.0: WABCO India limited on 21st October, 2020
- Virtual National workshop on E-Invoicing and GST Compliance on 3rd September, 2020
- Virtual ACMA Help Kiosk- Edition-11 Session on Labour Code: Knowledge partner EY on 21st December, 2020
- Virtual ACMA Help Kiosk 12th Session: Remission of Duties and Taxes on Exported Products (RoDTEP) Scheme- Knowledge Partner EY on 27th January, 2021
- Webinar on ACMA-Zumen Direct Material Source-to-Pay on Technology in Purchasing on 28th January, 2021
- Virtual ACMA Help Kiosk Session: India's Vehicle Scrapage Policy & Faceless assessment - direct taxes and customs on 19th February, 2021
- Virtual Help Kiosk: Tamil Nadu New Industrial Policy and MSME Policy 2021 -Auto component sector on 19th March, 2021
- Online Representation made to Govt. of Karnataka for inclusion and relaxation of norms for functioning of auto component industry during lockdown on 8th May, 2021
- Online Interaction with Shri Jagadish Shettar, Hon'ble Minister for Large and Medium Scale Industries, Govt. of Karnataka on 11th May, 2021

# research





- Webinar on ACMA Help Kiosk Session on New TDS & TCS Process on 16th July, 2021
- Consultation Meeting with Mr. P. Thiyaga Rajan , Hon'ble Minister of Finance with Associations for Tamil Nadu Budget & Mr. T.M. Anbarasan, Hon'ble Minister for MSME & Rural Industries on 6th August, 2021
- Webinar ACMA Help Kiosk Session on New TDS & TCS Process on 16th August, 2021
- ACMA-SAP Webinar on Equipping MSMEs to Compete Globally on 19th August, 2021

### Western Region

- Online Session on Unwrapping TCS on Sale of Goods as per Section 206C (1H) Income Tax on 18th September, 2020
- Virtual Launch & 1st Interactive session of ACMA (WR) CFO Forum on 30th September, 2020
- Online Interactive Session with EYLLP on TCS, CAROTAR and E-Invoicing on 19th October, 2020
- Online GST Certification Programme on 13th October and 6th November, 2020
- Webinar Session with Auto Components Mfrs., Survey & Responses on 26th November, 2020
- Webinar on Evolving Performance Management Practices in the Automotive Industry on 26th November, 2020
- Virtual ACMA – EY Session on Overview of Labour Codes and its Impact on 27th November, 2020
- Virtual Launch & 1st Interactive Session on ACMA (WR) IT Digital Forum on 1st December, 2020

- Virtually held Digital Forum Meeting on 5th February, 2021
- 1st Online CFO SUMMIT - Key Finance Priorities : In Post Covid Era on 24th February, 2021
- Virtually held 1st Digital Summit - Digital Transformation -Building Blocks for future manufacturing on 17th March, 2021
- Online GST Certification Programme on 3rd and 23rd May, 2021
- Conference on " Risk Management in Current Business Scenario" held on 17th August 2021
- ACMA-Govt. of Jharkhand Vaccination Drive on July to August, 2021

### Digital Sub Pillar

- Digital Sub-Pillar, ACMA-NASSCOM-ZOHO Special offer Launch, September 2020
- Digital Sub-Pillar 1st Edition: Sharing of Best Practices of Digital Initiatives – Metalman Auto Private Ltd, April 29, 2021
- Digital Sub-Pillar 2nd Edition: Sharing of Best Practices of Digital Initiatives – JBM Group, June 04, 2021
- Digital Sub-Pillar -ACMA-SIAM-VDA, Indo-German Workshop on Leveraging digitalisation in the automotive sector, June 29, 2021
- Digital Sub-Pillar - First-Ever Internship Collaboration with Academia (Certification Program), April 30, 2021
- Launch of the Six-Month series – Sharing of Best Practices of Digital Initiatives –July 2021



ACMA PILLAR 3

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**EDUCATION, SKILLING  
& TRAINING**

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# PILLAR STRUCTURE



## KEY INITIATIVES

1. Online Interactive Session on Finance & RBI Restructuring Scheme (ER)
2. Online Session on 1st Annual Safety Convention (ER)
3. Virtually 1st Quality Circle Competition (ER)
4. Virtual 2nd RC Meeting (NR)
5. Virtual Presentation by CRISIL to RC on Impact of Economic Environment on the automotive Industry (NR)
6. Virtual 2nd Poka-Yoke & 7th SMED & Competition (NR)
7. Virtual 1st National Kaizen Contest (NR)
8. Virtual 1st HR Best Practices Competition (NR)
9. Virtual 1st Meeting of NR CFO Forum chaired by Mr. Sanjay Malhotra (NR)
10. Virtual E-Certification Session on Employees Engagement- HR Retention Strategies (NR)
11. Virtual Townhall with ACMA Past Presidents : Surviving Disruptions : Lessons on Business Continuity (NR)
12. Virtual 18th Quality Circle Competition (NR)
13. Virtual ACMA 2nd Regional Best HR Practices (SR)
14. Virtual ACMA SR 12TH KAIZEN Contest (SR)
15. Virtual Annual Regional Safety Convention (SR)
16. Virtual Kems - Technology Display @Ather Energy (SR)
17. Virtual ACMA Annual HR Conclave for Current Times (SR)
18. Virtual ACMA 16th Regional QC Competition (SR)
19. 11th ACMA Virtual KAIZEN Competition (SR)
20. Virtual 1ST HR Best Practices Competition (WR)
21. Virtual 12th ACMA HR SUMMIT : Impact on Business Sustainability & Human Resources : In Post Covid Era
22. Virtual ACMA 5th Best Practices Competition (WR)
23. Virtually held 16th Annual Quality Circle Competition (WR)
24. Virtually held 16th National Quality Circle Competition (WR)

## PILLAR 3 - EDUCATION, SKILLING & TRAINING

### 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

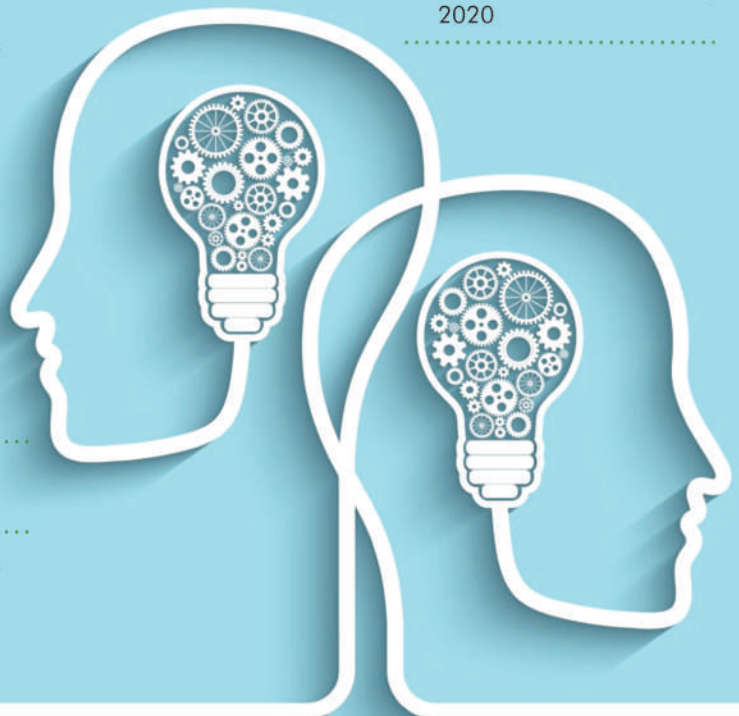
### ACTIVITY HIGHLIGHTS: 2020-21

#### Cluster Program

- Launch of ACMA 100 Days Turnaround Projects for MSMEs on 4th June, 2020
- Launch of ACMA ZDQ Cluster 15th June, 2020
- Launch of ACMA 100 Days Turnaround Projects for MSMEs on 4th June, 2020
- Launch of Zero Defect Quality Cluster in Dana India

Pvt. Ltd., Pune on 13th October, 2020.

- Kick off ceremony of QCD Program for MSME in VNM Engineering Pvt. Ltd., Haridwar on 14th, October 2020
- Launch of Advance Cluster in Trinity Forge Ltd., Mumbai on 14th October, 2020.
- Launch of Highway Industries Suppliers Improvement Program on 23rd October, 2020.
- Launch of Advance Cluster in JK Paper, Songadh on 27th October, 2020.
- Launch of Performance Enhancement Program for Kach Motors, Pithampur on 10th October 2020
- Launch of ZDQ at Harita Seating, Ranjangaon on 10th December 2020
- Launch of Advance - 15 at Super Craft foundry on 11th December, 2020
- Launch of Advance - 15 at Swift Enterprises on 11th December, 2020
- Launch of ZED Plus Cluster at DANA Belgaum on 12th December, 2020
- Launch of Program of Special issue based Improvement at Kirloskar (KFIL) on 14th December, 2020
- Launch of Improvement program Moonlight on 22nd December, 2020
- Launch of ACMA Zero Defect Quality Cluster Program for IM Gears, Chennai on 23rd December, 2020
  - Culmination of NPD Foundation Cluster on 28th December, 2020



- Launch of Quality System Adherence Program for JK Fenner, Sriperumbudur on 20th January, 2021
- Plastic Lean Program at Radiant Polymers, Rudrapur on 11th February, 2021
- ZED cluster at HI Tech Gears, Bhiwadi on 12th February, 2021
- ZED cluster at Madhusudan, Gurgaon on 12th February, 2021
- Project launch for Alfa Cotec, Gurugram - March, 2021
- Launch of ACMA Lean Process Engineering Program for Plastic Industry for SACL, Nalagarh - March 2021
- Launch of ACMA Zero Defect Quality Cluster Program for Magneti Marelli, Gurgaon - March 2021
- Launch of ACMA Engineering Excellence Cluster 5 Program for Mutha Founders Pvt Ltd, Satara - March 2021
- Launch of ACMA Engineering Excellence Cluster 5 Program for Dana Spicer, Dharwad - April, 21
- Launch of ACMA Program on Paint Shop Automation, Deskilling & Quality Improvement for Wheels India Ltd.- CV Unit, Chennai - April, 21
- Launch of ACMA Total Employee Engagement and Participation Program for Bonfiglioli Transmission Private Limited, Chennai - April, 21
- Launch of Lean Introduction Program at Hi-tech Corp's (3 plants), Naroli on 30 June, 2021
- Launch of EEC-5 at Wheels India, CAW on 21st July, 2021
- Launch of Low Cost Automation cluster at Wheels India Ltd., Ranjangaon on 27th July, 2021
- Launch of ACMA Sustainable Manufacturing Program at Global Autotech Limited, Gr. Noida on 3rd August, 2021
- Launch of ACMA Sustainable Manufacturing Program at Abilities India Pistons & Rings Ltd, Ghaziabad on 3rd August, 2021
- Launch of ASMP at SACL, Hosur on 10th August, 2021
- Launch of De-skilling Project WIL 13th August, 2021
- Launch of Rudimentary Framework at AMREP, Chennai on 13th August, 2021

- Launch of EEC - 5 at VECV, Dewas on 23rd August 2021
- Launch of ACMA SINADE Cluster Program for Chennai Region on 25th Aug 2021

### ACMA UNIDOS Programs

- STC Meeting on 15th June, 2020
- Mid Term Evaluation by NITIE Bombay- June, 2020
- Launching of Rane Madras cluster by 20th June, 20
- Briefing of Uday Pride Project to Mr. new Joint Secretary joined DHI on 1st July, 2020
- E-Learning program launched in 51 Cos. across all four regions - October, 2020
- Total 9 batches started the E -Learning course for 6 Months - October, 2020
- The 3rd Steering Committee Meeting of the "UNIDO-ACMA-DHI Partnership Programme" on 17 December 2020 under the Chairmanship of Mr. Amit Mehta, Joint Secretary, DHI.
- 3rd MRM at the SAME Deutz cluster, Chennai on 27th November, 2020.
- 1st MRM of Wabco cluster, Chennai on 5th December, 2020
- Suppliers for Highway Industries, Ludhiana was launched on 16th December, 2020.
- A workshop on Joyful workplace at Jamshedpur on 14th February, 2021
- Suppliers of the New Swan cluster companies launch at Ludhiana on 26th February, 2021
- Launch of 'M/s. Mehra Metal Component' at Faridabad on 24th April 2021
- Launch for Suppliers of 'M/s. Ashok Leyland' on 26th April 2021.
- Launch for Suppliers of 'M/s. Minda Corporation Ltd' held virtually on 30th April 2021. They have Committed for 18 Suppliers.
- Culmination of 'SAME Deutz' Supplier Cluster on 2nd April 2021.
- Culmination of 'Wheels India' Suppliers Cluster April 2021.

- Launching ceremony of 'Siddhi Engineers' cluster at Gandhinagar, Gujarat 2nd June, 2021
- Launch of Minda Spark Suppliers cluster (NCR) in July, 2021
- Launch of Minda Supplier Cluster (Pune) in July, 2021
- Launch of Victora Supplier cluster in Faridabad in August, 2021
- Launch of JK Fenner Supplier Cluster in Chennai in August, 2021
- Launch of IP Rings Suppliers Cluster in Chennai in August, 2021

### Eastern Region

- Online Training session on SPC on 12th October, 2020
- Online Interactive Session on Finance & RBI Restructuring Scheme on 16th October, 2020
- Online Training programme in Hindi on the 7QC Tools on 10th November, 2020
- Online Training on MSA on 28th November, 2020
- "Online three day program on Cycle time & Cost Reduction using Variable Search Methodology on 17th and 19th December, 2020"
- Online Training Session on Kaizen on 28th December, 2020
- Virtually held 8th Kaizen Competition on 21st January, 2021
- Online Training on Cost of Poor Quality on 20th February, 2021
- Online Session on 1st Annual Safety Convention on 17th March, 2021
- Online session on 8 Dimensions of Quality and different Problem solving tools on 17th April, 2021
- Online Session on Motivation and Leadership in Manufacturing on 24th April, 2021
- Online session on Value Analysis and Value Engineering on 10th May, 2021
- "Virtually held 1st Regional Quiz Competition On Quality & Business on 29th May, 2021"
- Online Training session on How to formulate an effective QCC on 6th July, 2021
- Virtually held ACMA ER : 1st Quality Circle Competition on 29th July, 2021
- 2-days Training Programme on 7QC Tools in Hindi, on 10th to 11th November, 2020



- Training Session on Time Management Skill, 10th August, 2021

## Northern Region

- Virtual Regional Chairman- Co-chairman Meet (Discussing 2020-21) on 18th September, 2020
- Virtual 1st Re-constituted Regional Committee meeting on 9th October, 2020
- Webinar on Adopting Technology for Productivity on 30th October, 2020
- Virtual Six sigma Green Belt using Non-statistical approach - Level 1 certification program on 18th to 28th November, 2020
- Virtual 6th Regional Kaizen Competition on 30th November, 2020
- Virtual 2nd 5S Competition - Finale on 4th December, 2020
- Virtual 1st Meeting of Zonal Members of Zone - I (New Delhi, Haryana & Rajasthan) & Zone-II (Uttarakhand) on 8th December, 2020
- Virtual 1st Meeting of Core group of T2/T3 Upgradation Program on 4th January 2021
- Virtual Presentation by CRISIL to RC on Impact of Economic Environment on the automotive Industry on 8th January, 2021
- Virtual 2nd NRRC Meeting on 8th January, 2021
- Online Training on Manufacturing Process Cycle Time & Cost Reduction through Parameter Design & Optimization on 1st to 3rd February, 2021
- Virtual 2nd Poka-Yoke & 7th SMED & Competition on 9th February, 2021
- Virtual 2nd Meeting of Core Group of New Initiative: T2/T3 Upgradation Program on 12th February, 2021
- Virtual 1st National Kaizen Contest on 16th February, 2021
- Virtual 3rd Meeting of Core Group of New Initiative: T2/T3 Upgradation Program on 2nd March, 2021
- Virtual 1st Meeting of Members of Zone II : UP & Faridabad on 2nd March, 2021
- Virtual 3rd Meeting of NR / RC on 3rd March, 2021
- Virtual 1st Northern Regional HR Best Practices Competition on 10th March, 2021
- Virtual 1st Meeting of NR CFO Forum chaired by Mr. Sanjay Malhotra 12th March, 2021
- Virtual Certification Training on Supervisor Development Program on 17th to 18th March, 2021
- Virtual E-Certification Program on Advance Product Quality Planning (APQP) on 24th & 25th March, 2021
- Online Training program on Reducing scrap by Process Capability Improvement (CPK Program) on 7th & 8th April, 2021
- "Virtual 20th Batch of Six Sigma Black Belt Certification Program - Launch & Module I (First Online Batch with 20 sessions) on 12th & 13th April to 6th October, 2021"
- Virtual In-house on Reducing scrap by Process Capability Improvement (CPK Program) at Imperial Auto Industries on 19th & 20th April, 2021
- Virtual Module II - Project Facilitation of 20th Batch of Six Sigma Black Belt Certification Program on 28th & 29th April, 2021
- Virtual E-Certification Training Program on Daily Work Management on 29th & 30th April, 2021
- Virtual E-Certification Session on Employees Engagement- HR Retention Strategies on 6th & 7th May, 2021
- Virtual Module III - Training Session of 20th Batch of Six Sigma Black Belt Certification Program on 11th & 12th May, 2021
- Online E-Certification Program on NPD & Product Design on 13th & 14th May, 2021
- Virtual Session on Yoga for Respiratory Health in association with Isha Yoga Foundation on 21st May, 2021
- Virtual E-Certification program on Cost of Poor Quality (COPQ) on 27th & 28th May, 2021
- Virtual Module IV - Project Facilitation of 20th Batch of Six Sigma Black Belt Certification Program on 1st & 2nd June, 2021
- Virtual Module V - Training Session of 20th Batch of Six Sigma Black Belt Certification Program on 8th June, 2021
- Online E- Certification Training Program on (HIRA) Hazard Identification and Risk Assessment. On 14th & 15th June, 2021

- Virtual 2 days Certification Program on Motivation in Manufacturing on 16th & 17th June, 2021
- Virtual 2 days Certification In-House Session on COPQ with Napino Auto & Electronics Ltd. on 16th & 17th June, 2021
- Virtual Module VI - Training Session of 20th Batch of Six Sigma Black Belt Certification Program 22nd & 23rd June, 2021
- Virtual In-House on Advance Excel & VBA Macro at Studds Accessories Ltd. on 24th & 25th June, 2021
- Virtual Townhall with ACMA Past Presidents : Surviving Disruptions : Lessons on Business Continuity on 28th June, 2021
- Virtual 3rd Six Sigma Competition on 30th June, 2021
- Virtual Module VII - Project Facilitation of 20th Batch of Six Sigma Black Belt Certification Program on 8th & 9th July, 2021
- Online Two days E-Certification Program on Problem Solving Techniques on 16th & 17th July, 2021
- Online Two days E-Certification Session on Value Engineering & Value Analysis on 22nd & 23rd July, 2021
- Virtual Module VIII- Training Session of 20th Batch of Six Sigma Black Belt Certification Program on 20th & 21st July, 2021
- Virtual 18th Northern Regional Quality Circle Competition on 30th July, 2021
- Virtual Module IX - Project Facilitation of 20th Batch of Six Sigma Black Belt Certification Program on 9th & 10th August, 2021

### Southern Region

- Online Training on Value Engineering on 17th September, 2020
- Online Training on SPC on 24th September, 2020
- Online Training program on DoE on 19th October, 2020
- Online Awareness Programme on IATF 16949 - Automotive Quality Management System on 15th October, 2020
- Virtual Two days Training Program on 7 QC Tools in Hindi on 4th and 5th November, 2020
- Virtual ACMA(SR) 2nd Regional Best HR Practices Competition 2020 (Employee Engagement during

Covid19 Pandemic) on 20th November, 2020

- Online Training on High performance Speciality Lubricants: Enabling higher reliability & comfort through improved component life, noise dampening and effort reduction on 24th November, 2020
- Online Training Programme on Measurement Systems Analysis (MSA) on 27th November, 2020
- Online three days Certification program on Design FMEA (Failure Mode and Effects Analysis) on 3rd to 5th December, 2020
- Virtual ACMA SR 12TH KAIZEN Contest on 18th December, 2020
- Online Quiz Programme on TQM Concept on 23rd December, 2020
- Online Training Program on APQP on 21st January, 2021
- Online Training on Manufacturing process Cycle Time and Cost Reduction through parameter design & optimisation on 28th to 30th December, 2020 and 1st January, 2021
- Virtual 10th SMED and 5th Poka Yoke Competition on 26th February, 2021
- Virtual session on SDP - Inhouse Lucas TVS on 4th to 6th March, 2021
- Virtual Annual Regional Safety Convention on 18th March, 2021
- "Online three Day Certification program on Supervisor Development on 8th to 10th April, 2021"
- Online Certification program on Design FMEA (Failure Mode and Effects Analysis) on 19th to 21st April, 2021
- Virtual ACMA SR Annual HR Conclave for Current Times on 22nd and 23rd April, 2021
- Online Quiz on Quality and Business on 27th April, 2021
- Online Session on Covid - 19: Where are we heading on 14th May, 2021
- Online Training program on Value Analysis & Value Engineering (VA/VE) on 17th May, 2021
- Virtual 15th Help Kiosk Session on LIBOR on 21st May, 2021
- Online Training Program on Inventory Management, 26th May, 2021



- Online Awareness program on VDA 6.5 Product Audit on 23rd June, 2021
- Online Session on Diabetes & Second wave of Covid on 28th June, 2021
- Virtual Session on Automation With Human Touch (JIDOKA) Batch 9th July, 2021
- Virtual Session on Automation With Human Touch (JIDOKA) Batch 2 on 16th July, 2021
- Virtual Session on Automation With Human Touch (JIDOKA) Batch 3 on 16th July, 2021
- Virtual ACMA SR 16th Regional QC Competition on 23rd July, 2021
- Online Training program on APQP & PPAP on 26th and 27th July, 2021
- Toyota-ACMA Training Programme on KANBAN (3 Batches) on 6th, 11th & 19th August, 2021
- Toyota-ACMA Training Programme on 4M Management (Batch-1) on 24th August, 2021

### Western Region

- Online Session on Mindfulness from 19th to 29th September, 2020
- Online Workshop on Reduce Cost Not Margin from 24th to 25th September, 2020
- Online Session on Cost & Cash Management on 9th October, 2020
- Online Training on Enhancing Cost Consciousness from 7th to 9th December, 2020
- Online Practical Workshop on Advance Excel tools & Techniques from 10th to 12th December, 2020
- 11th ACMA Virtual KAIZEN Competition on 17th December, 2020
- 1st Virtual HR Best Practices Competition on 23rd December, 2020
- Virtually held 12th ACMA HR SUMMIT: Impact on Business Sustainability & Human Resources: In Post Covid Era on 15th January, 2021
- Online Training Program on Improve Productivity and Flexibility through SMED on 21st and 22nd January, 2021
- Online Workshop on Inventory Management And E-KANBAN on 27th & 28th January, 2021

- Online Workshop on Tool Life Improvement using Simplex methodology in Machining process on 15th & 16th February, 2021
- Online Interactive session on IR with Mr. Ram Marlapalle, Mentor & Advisor Endurance Group held on 26th February, 2021
- Online Webinar on BSC: Behavioural Safety Culture @ Workplace on 10th March, 2021
- Virtual ACMA 5th Best Practices Competition on 12th March, 2021
- Online training on Advance Cost Accounting on 16th and 17th April, 2021
- Online session on Art of Conversation on 19th and 20th April, 2021
- 1st Virtual Six Sigma Competition on 13th May, 2021
- Online Certification programme on Six Sigma Black Belt on 14th May and 16th November, 2021
- Online workshop on increase Profitability through reducing Cost of Poor Quality (COPQ) on 27th and 28th May, 2021
- Online session on Total Employee Involvement on 1st June, 2021
- Online session on Maintaining Work – Life Balance through Positive Thinking on 11th June, 2021
- Online Workshop on Improve Bottom Line through HR Analytics on 18th and 19th June, 2021
- Virtually held 6th Zonal Quality Circle Competition on 22nd June, 2021
- Online workshop on Customer Relationship Management on 24th and 25th June, 2021
- Online Training on Welding Technology on 6th and 9th July, 2021
- Virtually held 16th Annual Quality Circle Competition on 20th July, 2021
- Online training on Effective Employee ship in Challenging Business Scenario on 31st July, 2021
- Virtually held 16th National Quality Circle Competition on 20th August, 2021
- Online Training on Machining Technology on 17th, 18th, 19th and 21st August, 2021



ACMA PILLAR 4

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**STRATEGIC  
PARTNERSHIP**

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## PILLAR STRUCTURE



**AMIT MUKHERJEE**  
HEAD



**ANJALI SINGH**  
CHAIRMAN



**UJJWAL MUNJAL**  
CO-CHAIRPERSON



**JAYANT DAVAR**  
ADVISOR

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## KEY INITIATIVES

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1.Virtual India Taiwan: Virtual Match Making Expo

2. Series of Online Leadership Lesson – 1: In conversation with Mr. Jayant Davar, Co-CMD, Sandhar Group on M&A & Launch of ACMA Mentorship Group

3.Virtual Auto Technology Partnership Summit & Expo

4.Virtual Cooperation in Automobile sector between India and Vietnam

5.Virtual Sindipekas - 2nd Autoparts Industry Meeting

6.Virtual ACMA & PwC Auto & Mobility Start-up Connect Initiative: New Initiative ongoing

7.Virtual Launch of ACMA-PwC Auto & Mobility Start-up Connect Initiative

8.Virtual India - Korea Partnership Meet with support from KOTRA

9.Online Interactive session on ACMA Capital Raise & Mentorship Programme

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## PILLAR 4 - STRATEGIC PARTNERSHIPS

### INTRODUCTION

#### The objectives of the pillar includes:

- Provide 360 degree 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
  - expand 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: 2020-21

- Virtual India Taiwan: Virtual Match Making Expo from 25th to 28th August, 2020
- Virtual Conference on India Taiwan Partnership on 25th August, 2020
- Online Leadership Lesson – 1: In conversation with Mr. Jayant Davar, Co-CMD, Sandhar Group on M&A & Launch of ACMA Mentorship Group on 25th September, 2020
- Online Leadership Lesson – 2: In conversation with Mrs. Anjali Singh, Executive Chairperson, Anand Group on Power of Partnership & Succession Planning on 9th November, 2020
- Online Leadership Lesson – 3: In conversation with Mr. Harish Lakshman, Vice Chairman, Rane Group on 'Internationalisation through Strategic Investments & Partnership' on 18th December, 2020
- Virtual Auto Technology Partnership Summit & Expo from 2nd to 5th February, 2021
- Virtual Japan Day: India- The Investment Opportunity on 2nd February, 2021
- Virtual Europe Day - Harnessing the Indian Opportunity through Technical Collaborations on 3rd February, 2021
- Virtual North America – India Partnership Day on 4th February, 2021
- Online Leadership Lesson – 4: In conversation with Mr. Aditya Vij, Operating Partner, Kedaara Capital Advisors LLP on 17th February, 2021
- Virtual Cooperation in Automobile sector between India and Vietnam on 24th March, 2021
- Virtual Sindipekas - 2nd Autoparts Industry Meeting on 5th April, 2021
- Virtual ACMA & PwC Auto & Mobility Start-up Connect Initiative: New Initiative ongoing
- Online Interactive workshop on ACMA & PwC Auto & Mobility Start-up Initiative on 29th April, 2021
- Virtual Capital Raise Initiative - Phase 1: Master Workshop on Capital Raise on 17th June, 2021
- Online Leadership Lesson 5 in conversation with Mr. Sunjay Kapur, Chairman, Sona Comstar on 'Unique journey of Sona Comstar and life after PE options' on 1st July, 2021
- Virtual Launch of ACMA-PwC Auto & Mobility Start-up Connect Initiative on 5th July, 2021
- Online 1st Workshop: ACMA-PwC Auto & Mobility Start-up Initiative on 12th July, 2021
- Online 2nd Workshop: ACMA-PwC Auto & Mobility Start-up Initiative on 28th July, 2021
- Virtual India - Korea Partnership Meet with support from KOTRA from 21st to 23rd July, 2021
- Interaction session on ACMA Capital Raise & Mentorship Programme on 10th June, 2021





ACMA PILLAR 5

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

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## PILLAR STRUCTURE



**VINNIE MEHTA**  
**HEAD**



**DEEPAK JAIN**  
**CHAIRMAN**

# 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. Domestic market, which needs to be capitalised on. "We must get demand and consumption...

#### Working closely with SIAM to enhance localisation: ACMA

Move will help the industry cut down on imports



segment of the auto component industry. Jain said that in 2019-20, the aftermarket segment stood at \$9.8 billion, with a compound annual growth rate (CAGR) of 12 per cent, while the overall turnover of the auto component industry was at \$50 billion with a CAGR of 8 per

cent and become export-worthy before moving into new technologies," says Jain. With China now facing the West, there is a lot of talk within industry circles on what this could mean to India. "Speed is of the essence to seize it since this is a window (of opportunity) that is not going to be forever," he says.

Jain firmly believes that India is "really upped its ante" in terms of global recognition. "We need to build on this. It is a great opportunity

how competitive Indian manufacturing is and get costs to global levels. Maybe this is a great time to reset priorities," he reckons.

The component industry, for instance, is part of a global supply chain which accounts for huge exports and a profitable after-market. This is where logistics becomes critical for movement of goods during this phase of unlocking operations.

"If we start losing export orders, especially with all this talk about migration from China in manufacturing, we will be behind the wave

with a 3 per cent impact on annual revenues. "It is an economic cause of worry for sure and we need to ensure that work begins gradually," he says.

The good part about the lockdown was that it saw closer collaboration happening between the three industry bodies: Society of Indian Automobile Manufacturers, ACMA and Federation of Auto-

mobile Dealers Associations of India. "We knew there was a common purpose and that is why we had to stand united. Everyone's business is at stake and this is true for the world at large," sums up Jain.

OUR BUREAU  
New Delhi, April 22  
The Automotive Component Manufacturers Association (ACMA) on Thursday said it is

#### Deepak Jain: There is a need, and opportunity, to build brand India in the global industry.

Deepak Jain, President, ACMA, talks about how the Covid pandemic and the global semiconductor shortage are a double-edged sword for the industry. He says a significant portion of the industry's revenue is generated from exports. The industry is currently facing a shortage of semiconductors, which is a major challenge for the industry. He also mentions that the industry is looking for opportunities to build brand India in the global market.

advancements Jain has hit hard... ensure that... usually."

#### INTERVIEW VINAY MEHTA, DIRECTOR GENERAL, ACMA

What is the industry's response towards an all-digital event? Do you think it is viable to conduct such events virtually? The aftermarket industry has taken it very well by extending its support to the virtual trade fair. We have received a positive response for the enhancement of the virtual show around 30 companies have confirmed their participation so far. We are very optimistic for these numbers to grow from India and abroad as we move closer to the event. Our rationale behind the virtual exhibition is that as an organisation, we must adapt to the new normal in an evolving economy by offering



captured through registration forms, and automatically triggered the back-end system by the virtual of various predefined parameters. This is further reinforced through the online behaviour of the attendees when browsing the platform. Do we see a future where such large-scale events would ideally be performed in a hybrid 'hybrid' format? What physical events have their own charm, we have to continuously add value to the offering to retain customers. In that sense, I believe hybrid solutions can facilitate greater value addition to both exhibitors as well as business visitors. A hybrid format helps exhibitors

#### Auto sector cheers scrappage policy

But increase in Customs duty on auto parts raises concerns

NANDANA JAMES  
Mumbai, February 1  
The long-awaited introduction of a vehicle scrappage policy was welcomed by the automobile sector – even as they await details on the incentives. However, the increase in the custom duty on auto parts has raised con-

#### 'Automakers must localise 100%

Union Minister Nitin Gadkari urges manufacturers to hike localisation or face higher Customs duty

Union Minister Nitin Gadkari on Thursday asked auto component manufacturers to hike localisation of components to 100 per cent or else the government will think of increasing basic Customs duty on imported items, but the auto industry wants support for localisation of electronic parts, specialty vehicles. Speaking at an event organised by the Automotive Component Manufacturers Association of India (ACMA), Union Minister of Road Transport and Highways, said the present level of localisation of parts in the Indian auto sector is around 70 per cent and "it is not possible to make it mandatory right now because people who own 15-20-year-old vehicles are people with income, whether it's for personal use or commercial. For these people, to force them to scrap the means their livelihood will be unfair."



Auto component to log double-digit growth: ACMA  
NEW DELHI: The domestic auto component industry is expected to log double-digit growth next fiscal, as demand picks up month on month after a prolonged period of downturn, according to industry body Automotive Component Manufacturers Association of India (ACMA). ACMA President Deepak Jain said that the next financial year is going to be a year of rebound for the Indian auto industry. "With strong growth prospects for all segments of the vehicle industry, the auto

#### 'We already have potential buyers from 200 cities of 31 countries who have registered for the show. This augurs well for the bi-annual event.'

Trade fair and Super Cycle among others. Are attendees an... manufacturing being... ACMA Chairman New Delhi... Even this time around, we have planned for... confident that ACMA... planned. Unfortunately... we already have a... February and the online... situation, as decided... ACMA Chairman New Delhi... Even this time around, we have planned for... view for face-to-face... engagements such as... We believe that... for meaningful trade... platform we already have... cities of 31 countries who... The platform allows for... all attendees based on information that is



# Extended lockdown disrupting automotive supply chains

LURU, OHNS the current form leading to extreme distress and financial burdens on their employees, industry chambers said. In a memorandum submitted to chief minister B S Yediyurappa, the industry chambers such as CII, ICIC



from Bengal Volvo causing disrupt The have them u

# Auto part makers shift to top gear

After being stalled by the economic slowdown and the pandemic, growth is accelerating rapidly for the industry



**ACMA says virtual Automechanika a success: Will return as physical trade fair in 2023**

This year's Automechanika was earlier scheduled to be a hybrid event (the physical one to be held at Pragati Maidan, Delhi, alongside digital participation

## In a first, auto parts industry becomes export surplus: ACMA

Chennai: Contraction of auto industry due to Covid induced lockdown, orders from global corporations for supply for parts helped the auto component industry to turn export positive... for the first time

## 'Auto parts revenue to see double-digit contraction' Sector set back by 3-4 years, says Jain

Auto components industry association ACMA said the sector would see a double-digit contraction this fiscal, after witnessing a 34% fall in the first half due to COVID-induced disruptions.

## 'Auto Parts Demand may Keep Growing, but Raw Material Supply a Concern'

**Hit by Disruption**  
Rate of decline in auto ancillary industry's revenues is expected to moderate for the entire fiscal on recovery in demand in H2

Quarter	Rev. FY20	Rev. FY21	% Chg.
Turnover	26.2	15.9	-39
Exports	3.4	5.2	+33
Imports	6.2	5	-22.7

## Auto components industry to see double-digit decline in growth this fiscal, says Acma

AUTO COMPONENTS' industry body ACMA on Wednesday said the sector will see a double-digit decline in growth this fiscal after witnessing a 34% fall in the first half of the year due to the coronavirus induced disruptions.

# Lockdown spectre haunts automakers

Covid-19 is back to haunt India just when it seemed that infections had dramatically reduced and life governments are imposing lockdowns to break the transmission chain of the virus. Maharashtra has is this the right way going forward? Team Autocar Professionals finds out more.

was slowly getting back to normal. Daily infections are now breaching new levels and state been the worst affected and being a key automotive hub has little choice but to impose lockdowns.



## In a first, auto parts industry becomes export surplus: ACMA

Chennai: Contraction of auto industry due to Covid induced lockdown, orders from global corporations for supply for parts helped the auto component industry to turn export positive... for the first time

Mr. Sunjay Kapur, Vice Chairman, Sona Comstar thanks for all the participants. We thank you for attending making it a success! pic.twitter.com/AqorOJ1Y1X

## ACMA IN PRESS - New Media

**INFRA STOCKS**  
GMR Infra: 24.00 (0.63%)  
IRB Infra: 108.00 (-0.32%)

**INDIAN MANUFACTURING SECTOR**  
EXPERIENCE OF HANDLING

**BUDGET 2021-22**  
BUDGET BOOST FOR 'ATMANIRBHAR BHARAT?'

**SENSEX**  
46801.36 (1.11%)

**INDIA-CHINA ECONOMIC DEBATE**  
AMIDST THE FRENZY, A CLEAR LOOK AT WHERE WE STAND

**WHAT DO WE IMPORT?**  
BS VI Impact

**INDIA DEVELOPMENT DEBATE**  
RESERVATION IN PRIVATE SECTOR TOO

**ET NOW**

# ACMA PUBLICATIONS 2020-21

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



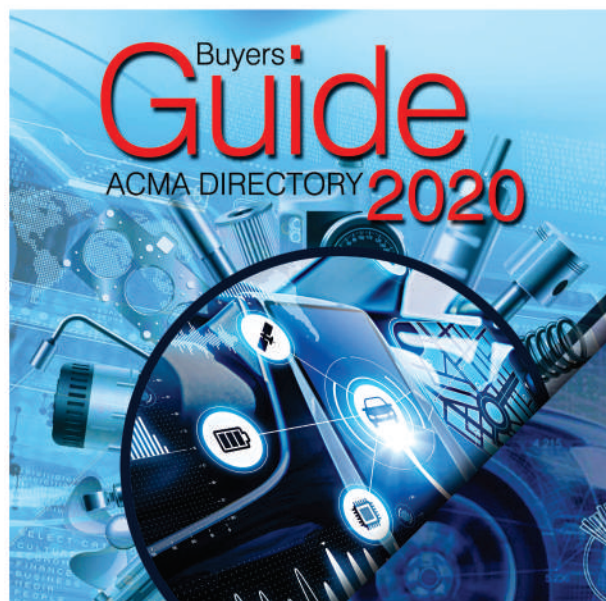
- **Impact** (earlier known as ACT Now), which is published every quarter by the ACMA Centre of Technology (ACT). It covers the centre's activities and gives insights into best global practices for productivity, quality, technology and profitability



- **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 2020-21.**

**1. Shaping the new normal**

- The joint study by ACMA and McKinsey elaborates upon the unwelcome surprises and inescapable new realities, the study themed "Shaping the New Normal" gives a strategic roadmap to the industry with newer trends and opportunities in the new normal. The study recommends the auto suppliers to take four key actions that include Increasing the localization to capture USD12 billion opportunity for import substitution, Collaborate & Step into adjacent sectors that involve focus on aftermarket with distinct go-to market strategy, Optimize to become competitive to reduce 15-20% cost and Enable a winning mindset by making digital, analytics, and automation a way of working. The study further highlights on the role of Government and industry bodies as a critical differentiator in the sector's recovery.

The study dwells in detail into the trends like:

1. Global trends impacting the automotive sector
2. Actions to shape the new normal
3. How the ecosystem could enable growth

McKinsey & Company

**Shaping the new normal**

India's auto component industry



**2. India's automotive component industry: Post COVID-19 outlook**

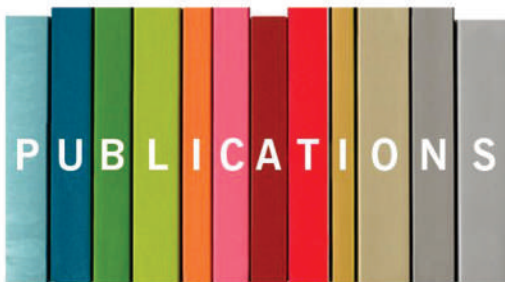
- Elaborating on the mood of the industry and outlook for the near to mid-term future, the ACMA-PwC joint survey of ACMA leadership states that despite concerns of another wave of pandemic, the industry is cautiously


optimistic about the prospects of the Indian economy and the automotive sector for FY2021-22. Companies have mostly recovered and are back to moderate financial health, post the lockdown. Financially healthy and growth focused companies are also actively focusing on CAPEX and acquisition / merger opportunities. While increased visibility and commitment to new program timelines from OEMs is a key industry expectation, at an organizational level, focus on employee productivity and organization structure consolidation will be the key thrust areas.



**3. Report on Localization Roadmap for Indian Automotive Sector**

- The report details aspects of the Indian Automotive sector, while benchmarking the sector with the global manufacturing majors and exporters, identifies the top automotive components driving the major imports into the country, structures the potential towards localization in a strategic period of 5 years and defines the key actionable from the government and the industry to achieve the localization targets. The initiative towards localization will not only help in job creation and technological advancement, but will also help to reduce the cost of ownership of a vehicle for a customer. Impetus from the government as part of the PLI scheme will further support the realization of localization in the country.





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**FUTURE READY INITIATIVES**  
**YBLF / ACoE**

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## YBLF STRUCTURE



**EKTA LAMBA**  
HEAD



**YUVRAJ KAPURIA**  
NATIONAL COORDINATOR



**NIRMAL K MINDA**  
ADVISOR

## ACoE STRUCTURE



**DINESH VEDPATHAK**  
HEAD



**ASHOK K TANEJA**  
ADVISOR

# YOUNG BUSINESS LEADERS FORUM



1

"Virtual YBLF Interactive session with Mr. Nirmal Minda CMD Minda Industries Ltd. on 27th June, 2020"



2

Virtual YBLF E-Session with IPOs on 22nd July, 2020



3

Virtual YBLF Export Masterclass - Learn from the Stalwarts on 5th August, 2020



4

Online Course on Negotiations By Prof. Stuart Diamond on 13th, 20th, 27th August & 3rd September, 2020



5

"Virtual YBLF Interactive Session with Mr. Deepak Jain CMD, Lumax Industries Ltd. on 16th October, 2020"





6

“Virtual YBLF session on Building Financial Acumen by Dr. Anil Lamba from 7th to 12th December, 2020”



7

Online Course on Negotiations By Prof. Stuart Diamond on 25th November and 2nd, 9th and 16th December, 2020



8

Virtual YBLF session on New Labour Codes on 28th January, 2021

9

Virtual YBLF session on Success in Succession on 25th February, 2021



10

Virtual YBLF session on Peer to Peer Learning on Digi-IoT on 26th March, 2021

ACMA CENTRE OF

# Excellence (ACoE)

- Webinar on - Resilience for Auto Component Industry – “When the going gets tough, the Tough gets going” on 5th June 2020
- Virtual Townhall Forum 6th June 2020
- Webinar on - Cost Reduction through Waste Management Techniques on 9th June 2020
- Webinar on - Efficient Project Management Techniques for New Product Development on 13th June 2020
- Webinar on - Roadmap to Sustainability – Industry 4.0 & Seeding Innovation in the Organizations on 15th June 2020
- Webinar on - Cost and Design Optimization using Ansys Tools on 16th June 2020
- Webinar on - Techniques to achieve Zero Customer complaints on 18th June 2020
- Webinar on – Let’s Grow together & Role of Leadership, Inspiration & Partnerships in Current crisis for professionals & Entrepreneurs on 23rd June 2020
- Webinar on – I am Manufacturing 4.0 & Collaborative Design on Cloud on 25th June 2020
- Webinar on – Electric Vehicle Lithium Battery Pack design & Assembly Process on 26th June 2020
- Certification course on - Techniques of Levelled Production, 3 sessions every week 27th June 2020
- Certification course on -Communication and Presentation skills, 3 sessions every week on 30th June 2020
- ACMA Award awareness Session on 8th July 2020
- Webinar on – Mechatronics, Factory Automation on 10th July 2020
- Panel Discussion - Competing with the Dragon - the Smart Manufacturing Way on 11th July 2020
- Webinar on – I am Manufacturing 4.0 & Design Factory of the Future on 15th July 2020
- Certification Course - New Normal for the future Manufacturing, 3 sessions every week on 17th July 2020
- ACMA Awards Awareness Session on 18th July 2020
- Webinar on - Minimizing Erosion of Margins by Cost reduction during New Product Development on 21st July 2020
- ACMA - ChuSanRen, Japan Webinar on – Manufacturing process Kaizen using standardized work on 28th July 2020
- "Certification course on – Staff Development Program, Groom Future Managers 4 sessions every week on 30th July 2020"
- ACMA Awards Awareness Session on 4th August 2020
- Webinar on - Japanese Production Improvement Case Utilizing AI & IoT on 5th August 2020
- ACMA- AOTS Webinar on - Think Different about Cost Reduction, MFCA on 7th August 2020
- Webinar on – Digitalize Lean Practices on Shop Floor – Capture, Monitor & track Operational Meetings on 11th August 2020
- Webinar on – Leadership Perspective on 14th August 2020
- Webinar on – Production Improvement by process analysis on 17th August 2020
- Webinar on – Learning into the crisis on 18th August 2020
- Webinar on – Finance for Non-Finance Managers on 19th August 2020
- Webinar - Awareness on National Apprenticeship Promotion Scheme (NAPS) on 19th August 2020
- Webinar on – Break through innovations on 24th August 2020
- ACMA EDS e-Learning Certification on CATIA





3DEXPERIENCE, CATIA V5 SOLIDWORKS & APQP on 1st September 2020

- Webinar on - Remote Design Validation for Business Continuity on 9th September, 2020
- Virtual Tech Talk, 2 day virtual event on 15th September, 2020
- Webinar on - Project Management on Cloud: Ensuring Business Continuity at all times on 18th September, 2020
- Webinar on – Reducing product liabilities through affordable Traceability solutions on 22nd September, 2020
- Webinar on - Magic of Pull - KANBAN & Other Material Supply Systems on 24th September, 2020
- Webinar - Design Automation through Basic & PLC Controlled Electro Hydraulics on 28th September, 2020
- Launch of Staff Development Program for Delux Bearing, Surendranagar on 1st October, 2020
- Virtual Certification - Resilient Leadership Series, 4 Months, 4 topics consisting 4 modules each on 13th October, 2020
- ACMA CIPET 5 Days Certification Course on Modern Concept in Plastic Product Design on 27th October, 2020
- Launch of Staff Development Program for Abilities Pistons, Ghaziabad on 1st November, 2020
- Webinar - Affordable Robotics & its's implementation for industry 4.0 on 20th November, 2020
- Webinar - Developing online learning courses by applying internet and communication technologies (ICT) on 24th November, 2020
- Webinar - Smart Stamping Solutions for Material Saving & Early Feasibility for Automotive Sheet Metal Parts on 10th December, 2020
- Webinar - Latest trend in Robotic Welding & Digital Factory Solutions on 17th December, 2020
- ACMA EDS e-Learning certification on CATIA 3DEXPERIENCE, CATIA V5, SOLIDWORKS & APQP on 22nd December, 2020
- Webinar - 3D Printing for prototype small batch production on 13th January, 2021
- Webinar - Energy Building Technologies (In Factories and Plants) on 21st January, 2022
- ACMA CIPET 3 Days Certification Course - Concept in Plastic Mould Design on 27th January, 2023
- Launch of Staff Development Program for Stork Rubber, Gurgaon on 1st February, 2021
- ACMA AOTS Program - Productivity Improvement - Energy Conservation through Productivity Enhancement as well as the Improvement of Operation practices in Production lines on 3rd February, 2021
- Webinar - Drive Your Own Digital Transformation on 16th February, 2021
- Virtual Masterclass - Feasibility study for Automation on 23rd February, 2021
- Kick off TVS Supplier Assessment Program on 1st March, 2021
- Webinar - Factory Automation Using PLC's on 25th March, 2021
- Webinar - Concepts towards First Time Right Quality of New Products (NPD) on 26th March, 2021
- Launch of Staff Development Program for Hero Motors, Dadri on 1st April, 2021
- "Webinar - Accelerate Industry 4.0 for Sheet Metal Industry with Simulation and Digital Manufacturing on 7th April, 2021"
- Webinar - Improve Efficiency in Production Planning, scheduling with DELMIA ORTEMS on 15th April, 2021
- Webinar - Achieve Zero Defect Quality Myth or Reality on 21st April, 2021
- Webinar - Leading Systematic Innovation for Cost Traction Growth on 27th April, 2021
- Webinar - Define, Plan & Validate Manufacturing process virtually in 3D on 7th May, 2021
- Webinar - IPR Awareness for Decision Makers on 21st May, 2021
- Webinar - Lightweight Technologies for Automotive Suppliers: Needs and Opportunities in India on 25th May 2021
- Webinar - Shop Floor Innovation with 3D Printing on 28th May, 2021
- Webinar - Tech4Good PitchFest 2021 on 7th June, 2021
- Virtual Certification Course - Leading Systematic Innovation for Cost, Traction & Growth, 12 sessions every week on 8th June, 2021

- Webinar - Industry Hack – Harnessing Innovation of Start-ups to solve problems on 17th June, 2021
- Webinar - Evaluation of manufacturing performance on 25th June, 2021
- Virtual Certification Course - Productivity Improvement, 3 Session every week on 27th June ,2021
- Physical 2-day training program on Mechatronics (Factory automation) on 22nd July,2021
- "Webinar - ACMA -AIC Diagnosis of I 4.0 and driving I 4.0 Projects for companies"Current Global Scenario for Industry 4.0 initiatives, Benefits, Major Challenges & Strategies on 28th July,2021"
- ACMA Awards Awareness Session on 3rd August, 2021
- Webinar - Sustainable Manufacturing Practices through Resource Efficiency & Circular economy initiatives on 4th August, 2021
- Webinar - Digitalize Automotive Component Development Process with PLM on 6th August , 2021
- Kick off recording of Industry course modules for IIT Palakkad students on 12th August, 2021
- Webinar - Virtual prototyping for automotive suppliers to accelerate electrical designs on 19th August ,2021
- Webinar - Save & Optimize Cost for Sheet Metal Stamping on 24th August , 2021
- Physical 3-days training & Certification Course Mechatronics (Factory automation) on 25th August 2021



## 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 (Late)	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

PRESIDENT	VICE PRESIDENT	IMMEDIATE PAST PRESIDENT
Deepak Jain	Sunjay J Kapur	Ram Venkataramani
Lumax Industries Limited	Sona Comstar	India Pistons Ltd.

### ELECTED MEMBERS

MEMBER	COMPANY
Ms. Shradha Suri Marwah	Subros Ltd.
Mr. Ranjot Singh	Emdet Jamshedpur Pvt. Ltd.
Mr. Piyush I. Tamboli	Investment & Precision Castings Ltd.
Ms. Shuba Kumar	Natesan Synchrocones Pvt. Ltd.
Mr. Murali Vaidyanathan	Hanon Automotive Systems Pvt. Ltd
Mr. Sunil Arora	Abilities India Pistons & Rings 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. Sanjay Sabherwal	Metaldyne Industries, Limited
Mr. Navin Paul	Minda Industries Ltd.
Mr. Rohit Saboo	National Engineering Industries Limited
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. Satish Machani	Stumpp Schuele & Somappa Springs Pvt. Ltd.
Mr. Arvind Goel	TATA AutoComp Systems Ltd.
Mr. Pranav Kapuria	Hi-Tech Gears Ltd.
Mr. P. Kanippan	WABCO India Limited
Mr. Suresh KV	ZF India

## CO-OPTED MEMBERS

MEMBER	COMPANY
Ms. Anjali Singh	ANAND Automotive Private Limited
Mr. Saurabh Poddar	Sellowrap Industries Pvt. Ltd.
Mr. Vikrampati Singhania	J. K. Fenner (India) Ltd.
Mr. Ujjwal Munjal	Rockman Industries Ltd.
Dr. Lakshmi Venu	Sundaram - Clayton Limited

## SPECIAL INVITEES

MEMBER	COMPANY
Mr. Vishal Lalani	Indication Instruments Limited
Mr. Sanjay Malhotra	Jumps Auto Industries Ltd.
Mr. Arjun Jindal	Machino Polymers Limited
Mr. Nishit Behera	RSB Transmission (I) Ltd.
Mr. Yuvraj Kapuria	The Hi-Tech Gears Ltd.

## 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. Shuba Kumar	Natesan Synchrocones Pvt. Ltd.
<b>WESTERN REGION</b> - Mr. Piyush I. Tamboli	Investment & Precision Castings Ltd.

## CO-REGIONAL CHAIRPERSONS

MEMBER	COMPANY
<b>NORTHERN REGION</b> - Ms. Anjali Singh	ANAND Automotive Private Limited
<b>WESTERN REGION</b> - Mr. Saurabh Poddar	Sellowrap Industries Pvt. Ltd.
<b>SOUTHERN REGION</b> - Mr. Murali Vaidyanathan	Hanon Automotive Systems India Pvt. Ltd.

## ZONAL CO-ORDINATORS

### EASTERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. Nishit Behra	Jamshedpur	RSB Transmissions (I) Ltd.
Mr. Mayank Kejriwal	Kolkata	Kiswok Industries Pvt. Ltd.

### NORTHERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. U. S. Ahuja	Punjal & 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 & Telangana	Kusalava International
Mr. J. Sridhar	Chennai & Nearby	Magal Engg. Tech Pvt. Ltd.
Mr. Satish Machani	Karnataka & Hosur	Stumpp Schuele & Somappa Springs Pvt. Ltd.
Mr. M. Manickam	Coimbatore	Sakthi Auto Components Ltd.

### WESTERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. Pawan Choudhary	Aurangabad	Hindustan Composites Ltd.
Mr. Gaurav Motwane	Nashik	MSL Driveline Systems Ltd.
Mr. Chetan R Shah	Central Gujrat	Mega Rubber Technologies Pvt. 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  
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

Rahul Kumar  
Vadivelan Gounder

## WESTERN REGION

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

## NORTHERN REGION

Deepti Panikker  
Hansraj Sarma  
Jairaj Kumar  
Mayank Nigam  
Meenakshi Narayanan

## SOUTHERN REGION

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



**PILLAR 1**

**BUSINESS DEVELOPMENT**

- Abhishek Chopra
- Amit Mukherjee
- Lokesh Raina
- Monika S. Handa
- Niladri Mallick
- Pooja Sharma
- Rajat Gaur
- Sapna Vijn
- 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
- Dinesh A. Vedpathak
- Eckta Lamba
- Ekta Agarwal
- Girish Govande
- Mahesh Gupta
- Raginee Singh
- Kanu Kirit Sharma
- Rakesh Kumar
- Rupesh Sonania
- Sakshi S. Karkamkar
- Sanket Jadhav
- Smita Kulkarni
- Sonu Rawat
- Sunil Mutha
- Sushil Sharma
- Tanu Ahuja
- V K Sharma
- Vishal Saxena

**PILLAR 4**

**STRATEGIC PARTNERSHIPS**

- Amit Mukherjee
- Anjali Nair

**PILLAR 5**

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

- Vinnie Mehta
- Upender Singh

## 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.
Aarti Steels Limited
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.
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
Alkraft Thermotechnologies Pvt Ltd
All India Rubber Industries Association
Allena Auto Industries Pvt. Ltd.

Allied Nippon Ltd.
Allied Transmission & Gears Pvt. Ltd.
Almighty Auto Ancillary Pvt. Ltd.
ALP Nishikawa Company Pvt. Ltd.
ALP Overseas Pvt. Ltd.
Amalgamations Repco Ltd.
Amar Udyog
Ambattur Industrial Estate Manufacturers' Association (AIEMA)
Ample Auto Tech 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. Lt.d
Anu Industries Ltd.
Apex Transmission Pvt. Ltd.
APL Logistics (I) 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.
ASK Automotive Pvt. Ltd.
Aspee Springs Ltd.
Associated Manufacturing LLP
Atop Fasteners Pvt. Ltd.

Audyogik Shikshan Mandal
Aurangabad Auto Engineering Pvt. Ltd.
Aurangabad Electricals Ltd.
Authentication Solution Providers' Association (ASPA)
Auto Cluster Development and Research Institute Ltd.
Auto Ignition Ltd.
Auto Pins (India) Ltd.
Autocomp Corporation Panse Pvt. Ltd.
Autofit Pvt. Ltd.
Autoflex Pvt. Ltd.
Autoliv India Pvt. Ltd.
Automax (India)
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.
Bansal Precision Forge Ltd.
BAPL Rototech Pvt. Ltd.
Baynee Industries

B-Catma
Bee Pee Engineering
Behr-Hella Thermocontrol (I) Pvt. Ltd.
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.
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.

<b>C</b>
Calex Auto
Caparo Engineering India Ltd.
Carl Bechem Lubricants (India) Pvt. Ltd.
Carrier Wheels Pvt. Ltd.
Celestial Industries Pvt. Ltd.
Century Metal Recycling Ltd.
Chamber of Marathwada Industries and Agriculture
Chaphekar Engineering Pvt. Ltd.
CI Car International Pvt. Ltd.
CLH Gaseous Fuel Applications Pvt. Ltd.
Cofle Taylor India Control Cables & Systems Pvt. Ltd.
Comstar Automotive Technologies Pvt. Ltd.
Conic Automotive Pvt. Ltd.
Continental Automotive Components (India) 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.

<b>D</b>
Daejung Moparts Pvt. Ltd.
Dali & Samir Engineering Pvt. Ltd.
Dana Anand India 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.

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

<b>E</b>
Eastern Alloys Pvt. Ltd.
Eaton Industrial Systems Pvt. Ltd.
Ecocat (India) Pvt. Ltd.
Ehara Industries
EL-Chico Clutch Pvt. Ltd.
Electromags - A Division of Bombay Burmah Trading Corp. Ltd.
Elofic Industries Ltd.
Emdet Jamshedpur Pvt. Ltd.
Emmbros Autocomp Ltd.
Enco Engineers Combine Pvt Ltd
Endurance Technologies Ltd.
Engineering Technologies
Essae Gears and Transmissions Pvt. Ltd.
Esteem Auto Pvt. Ltd.
Excel Controlinkage Private Limited
Exedy India Ltd.
Exotech Plastics Private Limited



LIVING WITH VOLATILITY  
SURVIVAL | REVIVAL | GROWTH

## F

FANUC India Private Ltd.
Faurecia India Pvt. Ltd.
Federal-Mogul Goetze (India) Ltd.
Fiem Industries Ltd.
Fine Blanking Pvt. Ltd.
Fitco Orings Pvt. Ltd.
Flash Electronics (I) Pvt. Ltd.
Fleetguard Filters Pvt. Ltd.
Flometallic India Private Limited
Flywheel Ring Gears 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.
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.
GH Induction India Pvt. Ltd.
Ghaziabad Precision Products Pvt. Ltd.
Gilard Electronics Pvt. Ltd.
GKDITR- Tooling Centre
Global Autotech Ltd.
Globewin Precise Products LLP
GNA Gears Ltd.
GNA Udyog Ltd.

Gold Seal-Saar Gummi India Pvt. Ltd.

Goldy Precision Stampings Pvt. Ltd.

Greenfuel Energy Solutions Pvt. Ltd.

Grind Master Machines Pvt. Ltd.

Guru Nanak Auto Enterprises Ltd.

## H

Haldex India Pvt. Ltd.
Hanon Automotive Systems India Pvt Ltd
Hanon Climate Systems India Pvt. Ltd.
Happy Steels Pvt. Ltd.
Harita Fehrer Limited
Harsha Engineers Ltd.
Hella India Automotive Pvt Ltd.
Hella India Lighting Ltd.
Helvoet Rubber & Plastic Technologies (India) Pvt. Ltd.
Hero Cycles Ltd.
Hi Tech International
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 Astemo Aftermarket Pune (India) Pvt. Ltd.
Hitachi Astemo Brake Systems India Pvt. Ltd.
Hitkari Hitech Fibres Pvt. Ltd.
Hodek Vibration Technologies Pvt. Ltd.
Horizon Industrial Products Pvt. Ltd.
Huf India Pvt. Ltd.
Hycos Enterprises

## 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
Indian 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.
Infinito Auto Industries LLP
Injctoplast Pvt. Ltd.
Innova Rubbers Pvt. Ltd.
Interface Microsystems
Inteva Products India Automotive Pvt. Ltd.
Investment & Precision Castings Ltd.
IP Rings Ltd.
Itriangle Infotech Private Limited



**J**

J. K. Fenner (India) Ltd.
Jaidarshan Indocraft Pvt. Ltd.
Jalex Tuboflex
Jamna Auto Industries Ltd.
Jay Bharat Maruti Ltd.
Jay Switches (India) Pvt. Ltd.
Jay Ushin Ltd.
Jaya Hind Industries Ltd.
Jayashree Polymers Pvt. Ltd.
Jayem Auto Industries Pvt. Ltd.
JBM Auto Ltd.
JBM Ogihara Automotive India Ltd.
JM Fricttech India Pvt. Ltd.
Johnson Electric Private Limited
Joyson Anand Abhishek Safety Systems Pvt. Ltd.
JRG Automotive Industries (I) Pvt. Ltd.
JSG Innotech Private Limited
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
Kaneri Enterprises
Kavia Engineering Private Ltd.
Kay Jay Forgings Private Limited
KCTR Varsha Automotive Pvt. Ltd.
Kems Forgings Ltd.
Kiran Udyog

Kirloskar Ferrous Industries Limited
Kishan Autoparts Pvt. Ltd.
Kiswok Industries Pvt. Ltd.
Klassic Wheels Pvt. Ltd.
Klassic Lamitex Pvt. Ltd.
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.
Kulkarni Engineers
Kumi Supreme India Private Limited
Kunal Auto Industries Pvt. Ltd.
Kusalava International Ltd.

**L**

L. G. Balakrishnan & Bros. Ltd.
Lakhani Rubber Works
LambdaBlocks Pvt. Ltd.
Lasko Engineering Co.
Laxmi Metal Pressing Works Pvt. Ltd.
Lee Spring Company India Pvt. Ltd.
Lifelong India Pvt. Ltd.
Linamar India Pvt. Ltd.
Loyola College Society
LPS Bossard Pvt. Ltd.
Lucas TVS Ltd.

Lumax Ancillary Limited
Lumax Auto Technologies Ltd.
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 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.
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	Mitsubishi Electric Automotive India Pvt. Ltd.	NATRIP Implementation Society (International Centre for Automotive Technology)
Mandap International Pvt. Ltd.	MKLIDE Auto Clutch Industries Ltd.	Nelcast Ltd.
Mando Automotive India Pvt. Ltd.	MM Auto Industries Limited	Nemak Aluminium Castings India Pvt. Ltd.
Mann and Hummel Filter Pvt. Ltd.	Mobis India Ltd.	Neolite ZKW Lightings Pvt. Ltd.
Mansons International Pvt. Ltd.	Modvak Engineering India Pvt. Ltd.	NeoSym Industry Ltd.
Marathwada Auto Compo Pvt. Ltd.	Moonlight Auto Pvt. Ltd.	Nettur Technical Training Foundation
Marelli (India) Private Limited	Motherson-Sumi Systems Ltd.	New Engineering Works
Mark Exhaust Systems Ltd.	MSS Driveline Systems Limited	New Swan Autocomp (P) Ltd.
Marshall Machines Limited	MSS Filtration Engineering Process Pvt. Ltd.	New Swan Enterprises
Marvel Vinyls Ltd.	Mubea Automotive Components India Pvt. Ltd.	Nexteer Automotive India Pvt. Ltd.
Masstrans Technologies Private Limited	Mudhra Fine Blanc Private Limited	NGK Spark Plugs (India) Pvt. Ltd.
Masu Brakes Pvt. Ltd.	Multitech Auto Pvt. Ltd.	Nicks Auto Industries Pvt. Ltd.
Maxop Engineering Co. Pvt. Ltd.	Mungi Engineers Pvt. Ltd.	Nifco India Pvt. Ltd.
Mayur Uniquoters Ltd.	Munjál Auto Industries Ltd.	Nipman Fastener Industries Pvt. Ltd.
Meenakshi Polymers Pvt. Ltd.	Munjál Kiriú Industries Pvt. Ltd.	Nippon Audiotronix Pvt. Ltd.
Mega Rubber Technologies Pvt. Ltd.	Munjál Showa Ltd.	Nippon Thermostat (India) Ltd.
Megatrend Fabcon Pvt. Ltd.	Murakami Manufacturing India Pvt. Ltd.	Nirotexh Industries Private Limited
Meghdool Pistons Pvt. Ltd.	Musashi Auto Parts India Pvt. Ltd.	Nissim India Pvt. Ltd.
Mehta Automotive Pvt. Ltd.	Mutha Founders Pvt. Ltd.	Nitesh Auto Engineering Pvt. Ltd.
Menata Automotive Components Pvt. Ltd.	Muthayammal Educational Trust and Research Foundation	Norma Group Products India Pvt. Ltd.
Metaforge Engineering (India) Pvt. Ltd.	Mutual Automotive Pvt. Ltd.	Novoflex Industries Private Limited
Metal Form	Mutual Industries Ltd.	NPL Bluesky Automotive Pvt. Ltd.
Metaldyne Industries Ltd.		NRB Bearings Ltd.
Metallic Auto Liners Pvt. Ltd.		NSK (India) Pvt. Ltd.
Metalman Auto Pvt. Ltd.		NTF (India) Pvt. Ltd.
Metalman Micro Turners		
Metalsa India Pvt. Ltd.	<b>N</b>	
Metexim (Sourcing) Pvt. Ltd.	Nachimuthu Industrial Association	
Micron Enterprises	Nagata Auto Engineering India Private Limited	
Microsign Products	Napino Auto & Electronics Ltd.	<b>O</b>
Milacron India Pvt. Ltd.	Narasipur Auto Components Pvt. Ltd.	Ocap Chassis Parts Pvt. Ltd.
Minda Corporation Ltd.	Nash Products	Oerlikon Friction Systems (India) Ltd.
Minda Industries Ltd.	Natesan Synchrocones Pvt. Ltd.	Oetiker India Pvt. Ltd.
Minda Stoneridge Instruments Ltd.	National Engineering Industries Ltd.	Omax Autos Ltd.
Mindarika Pvt. Ltd.	National Piston Rings (India)	Onassis Auto Ltd.
Mitsuba India Pvt. 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.  
Pal Shellcast Private Limited  
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.  
Pioneer Industries  
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  
Precitek Components Pvt. Ltd.  
Premier Plasmotec Pvt. Ltd.  
Presco-Mec Autocomp Pvt. Ltd.  
Pricol Ltd.  
Pritika Industries 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.  
Radiant Polymers Pvt. Ltd.  
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 & 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.  
Rotex 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	Shivani Locks Pvt. Ltd.	Star Auto Industries Pvt. Ltd.
SAC Engine Components Pvt. Ltd.	Shore Auto Rubber Exports Pvt. Ltd.	Steelbird International
Sadhu Forging Ltd.	Showa India Pvt. Ltd.	Sterling Tools Limited
Safexpress Pvt. Ltd.	Shree Amba Industries	Stork Auto Engineering Pvt. Ltd.
Sainik Spring Works	Shree Balaji Alumnicast Pvt. Ltd.	Stork Rubber Products Pvt. Ltd.
Saint Gobain India Pvt. Ltd.	Shree Ganesh Metal Works	Stumpp Schuele & Somappa Springs Pvt. Ltd.
Sakthi Auto Component Ltd.	Shree Sainath Industries	Subros Ltd.
Samarth Engg. Co. Pvt. Ltd.	Shriniwas Engineering Auto Components Pvt. Ltd.	Sudhir Automotive Industries Pvt. Ltd.
Sanden Vikas (India) Pvt. Ltd.	Shriram Foundry Private Limited	Sudisa Foun[dry (P) Ltd.
Sandhar Technologies Ltd.	Shriram Pistons & Rings Ltd.	Sujan Contitech AVS Pvt. Ltd.
Sanjeev Auto Parts Manufacturers Pvt. Ltd.	Shriram Rubber Products Pvt. Ltd.	Sun Mobility Private Limited
Sankar Sealing Systems Pvt. Ltd.	Sigma Automotive Materials Pvt. Ltd.	Sunbeam Lightweighting Solutions Pvt. Ltd.
Sansera Engineering Limited	Sigma Corporation (India) Ltd.	Sundaram Auto Components Ltd.
Sathya Auto Pvt. Ltd.	Sigma Forging & Forming Pvt. Ltd.	Sundaram Brake Linings Ltd.
Satyam Auto Components Pvt. Ltd.	Sigma Moulds & Stampings Pvt. Ltd.	Sundaram Clayton Ltd.
Saurat Auto-Tech Private limited	Silco Cables	Sundaram Industries Pvt. Ltd.
Schaeffler India Limited	Singla Forging	Sundram Fasteners Ltd.
Searock Precision Products Pvt. Ltd.	Sintercom India Ltd.	Sunflag Iron and Steel Company Limited
Sebros Auto Pvt. Ltd.	SJS Enterprises Ltd	Sunstar Precision Forge Ltd.
Seema & Co.	SKH Metals Ltd.	Sunvisors India Pvt. Ltd.
SEG Automotive India Private limited	SLR Metaliks Limited	Super Auto Forge Industries
Seinsa Autofren India Pvt. Ltd.	Smoto Industries Private Limited	Super Circle Auto Ltd.
Sellowrap EPP India Pvt. Ltd.	SOGEFI ADM Suspensions Pvt. Ltd.	Super Screws Pvt. Ltd.
Sellowrap Industries Pvt. Ltd.	Sogefi Engine Systems India Pvt Ltd	Super Seals India Ltd.
Senior India Pvt. Ltd.	Somic ZF Components Pvt. Ltd.	Supercircle Pvt. Ltd.
Senior Rubbers Pvt. Ltd.	Sona BLW Precision Forgings Ltd.	Suprajit Engineering Ltd.
Sensing Technologies Pvt. Ltd.	Sona Mandhira Private Limited	Supreme Treon Pvt. Ltd.
SEP India Pvt. Ltd.	Soni Auto & Allied Industries Ltd.	Suraj Components Pvt. Ltd.
Setco Automotive Ltd.	SP Pipe Private Limited	Suraj General Engineers (P) Ltd.
Sharda Motor Industries Ltd.	Special Engineering Services Ltd.	Surya Springs
Sheet Shapers India Pvt. Ltd.	Spectra Products Pvt. Ltd.	Swastik Engitech Pvt. Ltd.
Shilpan Steelcast Pvt. Ltd.	SPM Autocomp Systems Pvt Ltd.	
Shiroki Technico India Pvt. Ltd.	Spun Micro Processing (P) Ltd.	
Shiv Gorakh Engineering Works LLP	SRM Institute of Science and Technology	
Shivam Autotech Ltd.	Standard Radiators Pvt. Ltd.	
		<b>T</b>
		T.K. Precision Pvt. Ltd.





T.K.W. Fasteners Pvt. Ltd.

Takashi Auto Components Pvt. Ltd.

Talbro's Automotive Components Ltd.

Talbro's 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)

Teksons Pvt. Ltd.

Terminal Technologies (I) Pvt. Ltd.

Texspin Bearings Ltd.

The Automotive Research  
Association of IndiaThe Hi-Tech Engineering  
Systems Pvt. Ltd.

The Hi-Tech Gears Ltd.

The Supreme Industries Ltd.

Thiagarajar College of Engineering

Tosy Auto Products

Toughla Automotive Pvt. Ltd.

Toyo Springs Ltd.

Toyoda Gosei South India Pvt. Ltd.

Toyota Boshoku Automotive  
India Pvt. Ltd.

Toyotetsu India Auto Parts Pvt. Ltd.

Toyota Industries Engine India Pvt. Ltd.

Toyota Kirloskar Auto Parts Pvt. Ltd.

Toyotsu Ambika Automotive Safety  
Components India Pvt. Ltd.

Track Auto Transmission

Track Components Ltd.

Tractors and Farm Equipment Ltd.

Trigno Engineering Pvt. Ltd.

TRW Sun Steering Wheels Pvt. Ltd.

Tube Investments of India Ltd.

Turbo Energy Pvt. Ltd.

TVS Educational Society

TVS Supply Chain Solutions Limited

Twenty First Century Auto Locks 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

Universal Wire Forms

Urrja Bus Decor

Usha International Ltd.

USUI Susira International Private Ltd.

## V

Vaish Industries

Valeo India Pvt. Ltd.

Valliammai Society

Vanaz Engineering Ltd.

Varroc Engineering Pvt. Ltd.

VBROS Auto Pvt. Ltd.

VE Commercial Vehicles Ltd.

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

Veer-O-Metals Pvt. Ltd.

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

Vibracoustic India Pvt. Ltd.

Vibrant Industries

Victor Reinz India Pvt. Ltd.

Vijayshree Autocom Ltd.

Vikrant Auto Suspensions

Vinayak Rubber Products

Vinko Auto Industries Ltd.

Visteon Electronics India Private Limited

VNM Polymers Pvt. Ltd.

Voith Turbo Pvt. Ltd.

## W

WABCO India Ltd.

Wahi Sons Pvt. Ltd.

Watson &amp; Chalin India Pvt. Ltd.

Western Thomson (India) Ltd.

Wheels India Ltd.

Windals Precision Private Limited

Wire Rings

Wirecom (India) Pvt. Ltd.

## Y

Yagachi Technologies Pvt. Ltd.

Yazadi India Pvt. Ltd.

York Transport Equipment  
(India) 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 2021



# OBITUARY

We mourn the passing away of beloved members of the automotive fraternity and pray for the departed souls to rest in everlasting peace.



Mr. Ramesh Suri,  
Past President ACMA



Mr. Jagdish Khattar,  
MD, MAIL



Mr. Siddharth Shriram,  
Founding Chairman, Honda Cars India



Mr S Seetharamiah,  
Founder Susira Industries



Mr. Chandu Choudhary  
ACMA Staff





# ACMA

Automotive Component Manufacturers  
Association of India

## HEAD OFFICE

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## Find Us At

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

## REGIONAL OFFICES

### Eastern Region

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Jamshedpur 831 001  
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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)