

ACMA

FUTURE OF MOBILITY

Transforming to be Ahead
of the Opportunity

ANNUAL REPORT 2021-22

6ND
ANNUAL
SESSION





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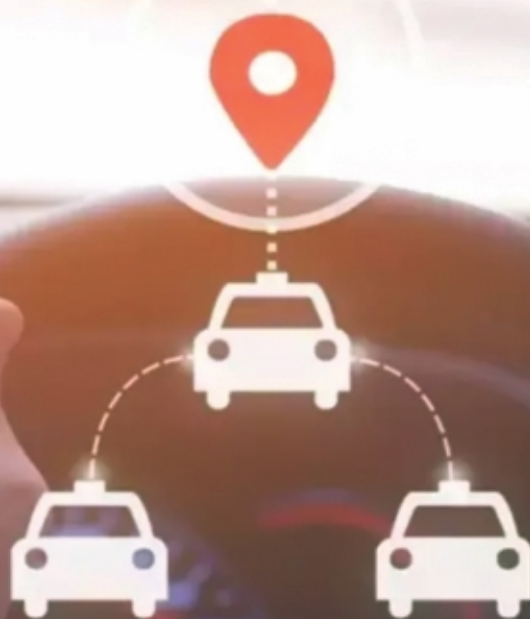


CASE

C= Connectivity, A= Autonomous Drives, S= Shared Mobility, E= Electrification)

Today, CASE is not just a theoretic prognosis but very real and evolving at a much faster pace than what was originally envisaged.

AUTONOMOUS
DRIVE



plug into your future
EV





President's Message

Dear Friends,

The global automotive and auto-ancillary industry is at a critical juncture, poised for a transformation, as it embraces new opportunities in an emerging and potentially a very different new normal. It's been my privilege to have had the opportunity to lead the association through this challenging phase, as we gear up to emerge stronger, resilient and future ready!

To begin with, the pandemic brought with it steady headwinds impacting economic activity across the world for most of the calendar year (CY) 2020 and the first half of CY2021. As we progressed into the second half of CY2021, while the global economic engine started to revive and gained momentum, challenges abound.

Currently, several large economies around the world including the most dominant one, the USA, continue to witness slowdown amidst very high levels of inflation. This has resulted in upward revision in interest rates, increasing the overall cost of capital and completely changing global investment patterns and capital flows. With the automotive technology is evolving and becoming more sophisticated with greater electronic and software content, there has been greater reliance on microchips. Production of silicon microchips was badly impacted during the COVID period and consequently global supply chains saw massive disruption.

While this period was characterised by uncertainty on many fronts, it has also brought in unforeseen momentum in the industry on several new facets. The automotive industry is undergoing a complete metamorphosis driven by four overarching guiding factors namely connectivity, autonomous drives, shared mobility, and electrification, commonly referred to as 'CASE'. As we moved into CY2022, 'CASE' was no longer just a theoretic prognosis but an on-ground reality. Today, most large global automobile players are in different stages of advancements across these developments. The new generation of the automotive ecosystem today comprises OEMs, software, and service providers, systems integrators, device manufacturers, online players and, most importantly, telecom operators, apart from legacy ones. Clearly, new opportunities are being created solidifying these emerging trends into permanent shifts in structure, process, technology and consumer preferences.

In the backdrop of the pandemic and strong challenges, the overall performance of the Indian vehicle industry was somewhat muted. At the aggregate level, total vehicle production in India including Passenger Vehicles, Commercial Vehicles, Three Wheelers, Two Wheelers, and Quadricycles increased marginally from 22,655,609 units in Financial Year (FY) 2021 to 22,933,230 units in FY2022.

The Indian auto-component industry however registered a strong recovery in FY2022. As per ACMA estimates, revenues for the industry increased by 23% to Rs.420,621 crore or US\$56.5 bn in FY2022. This is the highest turnover that the

industry has ever achieved. While sales to domestic OEMs increased by 21.9% to Rs.341,203 crore in FY2022, after-market sales registered strong 15% growth reaching Rs.74,203 crore, while there was a very impressive 43.5% growth in exports to Rs.141,550 crore or US\$19 bn in FY2022. The marquee performance for the year was led by the exponential export growth where the industry has successfully made initial inroads, leveraging opportunities arising out of the 'China plus One' strategy, adopted by our customers in North America and Europe.

Notwithstanding a dynamic environment with cross play of trends, ACMA continues to play a pivotal role in providing the necessary support across the five operational pillars – business development, government affairs & strategic initiatives, skilling & mentoring, start-ups & strategic partnerships, and media & communication.

At this point, let me re-iterate, that we must recognise and be prepared to harness that the next phase of growth for the industry on the back of the 'CASE' opportunity, that I have already referred to. There is strong push for this transformation from the Government of India (GoI) reflected in the introduction of newer and stringent regulations. In addition, changing customer choices and preferences, interplay of technology and global focus on sustainable mobility, will further drive and cement this direction.

At ACMA, we are conscious of the 'winds of change' and are focused on supporting our membership in their journey towards a better and sustainable future. I strongly believe that as an industry, we must focus on the positive side of this transition as new opportunities present themselves, including supply of different parts across the entire EV ecosystem related to motors, powertrain, power electronics, connectivity related hardware and software, the complete electrification infrastructure domain and associated services. Also, while rapid EV transformation is under process, it is imperative to highlight that internal combustion engines (ICE) will continue to co-exist especially for passenger and commercial vehicles in India.

In essence, the industry is transitioning from being merely automobile centric to one that focuses on mobility. The Government of India has also been encouraging such developments and consequently rolled out the Production Linked Incentive (PLI) Scheme for Automobile and Auto Component Industry for enhancing India's Manufacturing Capabilities for Advanced Automotive Products (AAT). Finalised in March 2022 with a budgetary outlay of Rs. 25,938 crores, the PLI Scheme for Automobile and Auto component industry proposes financial incentives to boost domestic manufacturing of Advanced Automotive Technology (AAT) products and attract investments in the automotive manufacturing value chain. 75 companies have been approved in the PLI scheme for auto components. The Scheme will provide incentive of up to 18% to encourage industry to make fresh investments in indigenous supply chain of AAT products. With time, it is expected to positively benefit the Tier 2 and Tier 3 players, that work with the large component manufacturers, who participate in the PLI program. In addition, a slew of policy measures announced in the recent past including the extension of FAME-II, the PLI

on ACC battery, the policy initiative on battery swapping and energy as service, are well designed to create a new paradigm of technological excellence in the automotive supply chain in India, thereby making it globally competitive.

We continue to engage with the GoI to jointly create an enabling environment for the overall growth of our industry. The GoI's Union Budget 2022-23 has set the blueprint of a digitally enabled, Aatmanirbhar Bharat, coupled with measures that will drive sustainable yet inclusive growth at a rapid pace for the next twenty-five years. The GoI has also set the direction for creation of urban fossil fuel free zones, policy for battery swapping and energy as service and incentives for creating a dynamic start-up eco system.

As I move into the second year of my leadership at ACMA, I remain optimistic about the prospects of the Indian auto-component in the foreseeable future. We are looking at a robust growth-oriented future, as we will continue to invest heavily in technology and tap emerging global market opportunities. The industry is at an inflection point and portends an opportunity of massive growth. We should be poised to harness this with the right approach and our collective spirit of surmounting challenges. With the move towards increased connectivity and electrification, massive new fronts are opening for us to cater to. We must remain committed on this path and continue with our efforts and investments..

I am privileged to have had the opportunity to lead the association during this very critical phase and I thank all ACMA members and stakeholders for their support to effectively execute our plans during the year.

I am grateful to the Governments at the Centre and States, for their support and guidance. This would be the opportune time to extend my heartfelt appreciation for the support extended to us by the other related industry associations namely CII, FICCI, SIAM, IMTMA and others.

I would like to extend my heartfelt gratitude to all our members for their unwavering support and energy to drive the industry through challenging times. I would, especially, like to thank the Vice President, the Regional, Committee and Zonal Chairpersons, the Past Presidents, and our Executive Committee members for their guidance and involvement. I also appreciate and applaud the efforts and support provided by the ACMA Secretariat.

I am confident that as an industry we will rise to the challenges and embark on a new found growth trajectory.

Best Wishes
Sunjay Kapur



The auto component industry demonstrated a remarkable performance in FY 2021-22, with significant growth across all segments. The industry sized-up to Rs.4.20 lakh crore (USD 56.5 billion) registering healthy growth of 23 per cent, hence, outpacing its highest ever turnover of Rs.3.95 lakh crore in FY 2018-19.





Director General's Message

After two successive difficult years due to the pandemic, the Indian auto component industry is now well on a recovery path. Today, there is a lot of energy and enthusiasm across the Indian automotive value chain, despite the headwinds of availability of semiconductors, high input costs, and logistics challenges.

With strong traction from both the domestic market and exports, the Indian auto-component industry performed very well in FY2022. In fact, the ability to effectively leverage opportunities in the global market has been one of the key factors for revival of the Indian auto-component industry and this trend is expected to continue over the near future as the global industry increasingly focuses on adopting the China Plus One strategy. With a strong revival in 2021-22, our exports have recovered to US\$19 billion from US\$13 billion last year.

Further having adopted a more system-based approach rather than a discrete product oriented one and adoption of advanced technologies in vehicles due to regulations, the value addition from the component industry is increasing across the supply chain.

With the vehicle industry, in India and the global, fast transforming to reduce emissions and become carbon-neutral, the auto component industry in India is also transforming itself in tandem. The EV revolution is no longer a possibility, but a reality, especially with adoption of EVs gathering pace in the two-wheeler and three-wheeler segments. One must recognize that the pace of this transformation is not uniform across the different auto-industry product categories. In fact, the GoI thrust is aimed at significant adoption of EVs in the two and three wheelers in near to mid-term future. The actual transition across the other segments will really depend on technical viability of solutions and the total cost of ownership. Clearly, given the size and the varied customer habits, EV and ICE technologies will co-exist in India for the time being, especially for the PV and the CV industry. The IC engines are also getting better in terms of lower emissions and the GoI is also pushing on the other fronts including safety.

A phenomenon that has had widespread effect during and post COVID is the spread of digitisation across the economy. The Indian auto component industry was always aware that digitisation was critical for competitiveness, but with the pandemic the process has accelerated manifold. ACMA is engaging regularly with a wide set of its members and conducting free webinars to establish their digital journey and assisting in selecting appropriate solutions for them.

ACMA also continued to support its members through shop-floor upgradation programs. A total of 33 tailor-made programs are being offered that has helped 70 plants achieve manufacturing excellence. The ACMA Sustainable Manufacturing Program and ACMA Program



on Environment, Social and Governance Improvement were some of the new initiatives this year.

Apart from these, more than 120 skilling, mentoring and training programs were held, including Regional and National level Quality Circle Competitions.

Let me now highlight some of the key activities at ACMA during 2021-22

The 61st Annual Session with the theme "Living with Volatility - Survival, Revival & Growth" in August 2021 set the tone for ACMA initiatives and activities for the year. The event organized on a virtual platform, witnessed incisive sessions by the experts, industry and Government leaders on the future of mobility, next generation mobility solutions and new-age manufacturing technologies to stay ahead of the curve.

The 4th ACMA Aftermarket Expo – North East was organised in December 2021 as a two-day event under the aegis of Ministry of Commerce and Industry, Government of India in Guwahati. The event saw 50 leading auto component manufacturers showcasing genuine aftermarket and safety critical products. Many domestic and international buyers from neighbouring countries participated in the event.

After a hiatus of four years, the 18th edition of Automechanika Dubai 2021 was organised in December 2021 as a physical event amidst strong COVID protocols. The ACMA India pavilion witnessed participation of 20 exhibitors with significant footfall from international visitors from Europe, Middle-East and Africa.

In March 2022, the 7th edition of the ACMA Atmanirbhar Excellence Awards and Technology Summit was organised where ACMA recognized and felicitated members for excellence across parameters such as Exports, Product innovation, manufacturing, HR, and environmental safety. The ACMA Technology Summit successfully brought together experts and industry leaders to deliberate on building a robust, Atmanirbhar Automotive value-chain for advanced automotive technologies. The prestigious 'ACMA Lifetime Achievement Award' was bestowed upon Dr. Pawan Goenka, Chairman, Steering Committee for Advancing Local Value-Add & Exports (SCALE), for his unparalleled contribution to the automotive industry.

In March 2022 ACMA also successfully organised three concurrent events in Noida - the ACMA EV Summit and Exhibition, the Auto Technology Partnership Summit and Expo (ATPSE) and i-Autoconnect, ACMA's flagship reverse buyers and sellers. Over 130 ACMA members, including 50 from the e-mobility segment, displayed their latest products and technologies. A sizeable number of international delegates from over 30 countries visited the event while business delegations from UK, Spain, Israel, Russia and Bangladesh evinced keen interest in India made auto components. That apart, several business leaders from OEMs also participated in the event.

In a first, in April 2022, the ACMA Farm Equipment and Implements Localization Expo was organised in Ludhiana. The expo will be an annual feature of ACMA, as it endeavours to provide a unique platform to all the stakeholders for better

business prospects and to develop a localized, resilient, and robust supply chain for tractors.

In June 2022, the first edition of the Automotive Aftermarket Roadshow was organised in Namakkal, the body building hub for commercial vehicles. 25 ACMA members showcased advanced auto component products during the two-day aftermarket roadshow.

On the policy front, ACMA is thankful to the Ministry of Heavy Industries for its generous selection of companies under the Production Linked Incentive Scheme for Auto & Auto Components. It welcomes the slew of policy measures undertaken in FY2022 by the Government of India to support our industry. These include:

- Extension of FAME-2 scheme,
- PLI on Auto and Auto Components and on ACC batteries,
- Policy initiatives on:
 - Battery swapping and Energy as service,
 - Safety and reduction of tail pipe emissions among others, are creating a new paradigm of technological excellence for the automotive supply chain in India.

We acknowledge that while these are challenging times, however, both the domestic and the global markets hold several opportunities for our members to grow their business. There is a tectonic change underway from a technological angle, and we need to make the most of it or will be left behind. At ACMA, we continue to push for adopting a 'collaborative' approach that find solutions to overcome challenges and harness the opportunities. As the apex organization for the sector, ACMA will continue to strive to play a pivotal role in this endeavor.

At the secretariat of ACMA, we will continue to strive for the development of the industry and push for all levers of cooperation worldwide. As the executive head, I would personally like to thank all my colleagues for their tireless efforts through the year. To all the members and stakeholders of ACMA, I would like to extend by deepest gratitude for their support and guidance.

Regards
Vinnie Mehta



EXPORTS

Exports of auto components witnessed phenomenal growth of 43 per cent to Rs.1.41 lakh crore (USD 19.0 billion) in FY 2021-22 in contrast to Rs.0.98 lakh crore (USD 13.3 billion) in FY 2020-21.



STATE OF THE INDUSTRY

AUTOMOBILE INDUSTRY

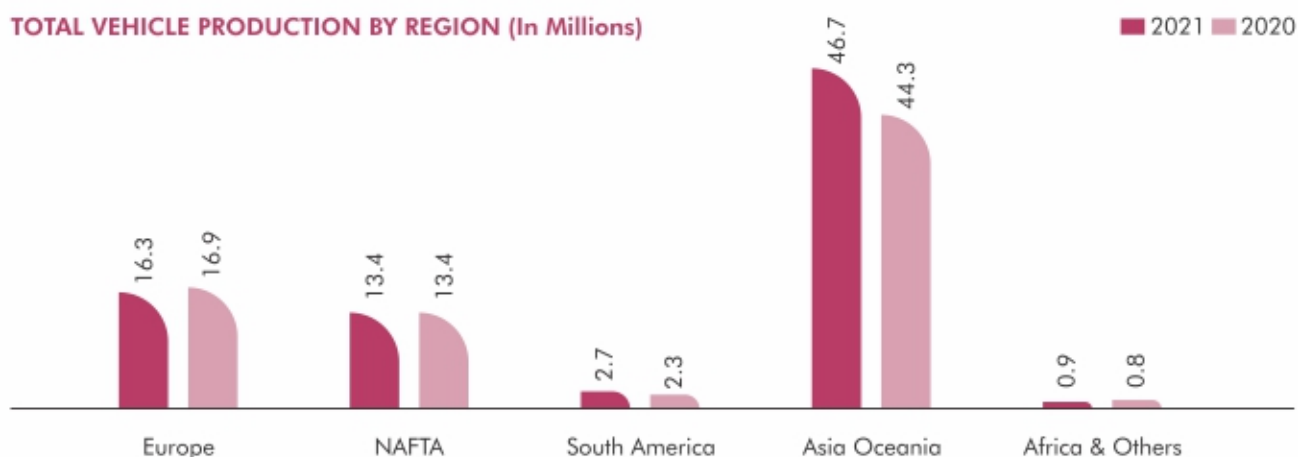
GLOBAL MARKETS

After two years of stagnation and degrowth, the global automobile industry witnessed early signs of revival with growth in production and sales, albeit at low levels. According to data released by International Organization of Motor Vehicle Manufacturers (OICA), automobile production increased by 3% in Calendar Year (CY) 2021 to around 80 million vehicles. However, this level of production is still (-) 13% below the pre-COVID production levels of CY2019. Global automobile sales increased by around 5% from 78.8 million in CY2020 to 82.7 million in

France saw minor growth of 3%. With 16.8% global share, the NAFTA region remained practically stagnant with production levels on CY2021 in line with that of CY2020. Within this, the positive was 4% growth in USA while both Mexico and Canada witnessed degrowth. The minor regions of South America and Africa and others recorded good recoveries with 17.5% and 16.4% growth respectively, albeit on smaller bases.

Looking at production in terms of vehicle type, passenger car production, the largest segment with 57% share in numbers witnessed a mild recovery recording 2% growth. The performance varied across regions. Europe continued

TOTAL VEHICLE PRODUCTION BY REGION (In Millions)



Data Source: OICA

CY2021. Consequently, there has been a depletion in finished good stocks across the global automobile sector.

While demand revival was slightly stronger supply capabilities across the world were affected by critical shortage of silicon chips. Several leading OEMs plan to shift to in-house chip production through strategic alliances with leading semiconductor manufacturers. Chip manufacturers are also actively expanding their production capacity to meet the surging demand in the automotive space. During the first half of CY2022, the Russo-Ukrainian conflict has further disrupted the automotive supply chain, raising the cost of auto components and raw materials from sanctions on Russia. These factors continue to hamper full-fledged revival of the industry.

In terms of production across regions, the largest segment – Asia Oceania – with 58.3% share continued to be the bright spot recording 5.5% growth in production. Amongst countries with sizable production levels, Indonesia grew by 63%, while India recorded healthy 30% growth. The largest producer China delivered only 3% growth. The second largest region – Europe – with 20.4% share continued to perform badly with (-) 3.6% degrowth. In this region, amongst the 3 largest contributors, Germany and Spain witnessed degrowth of (-)12% and (-)8% respectively, while

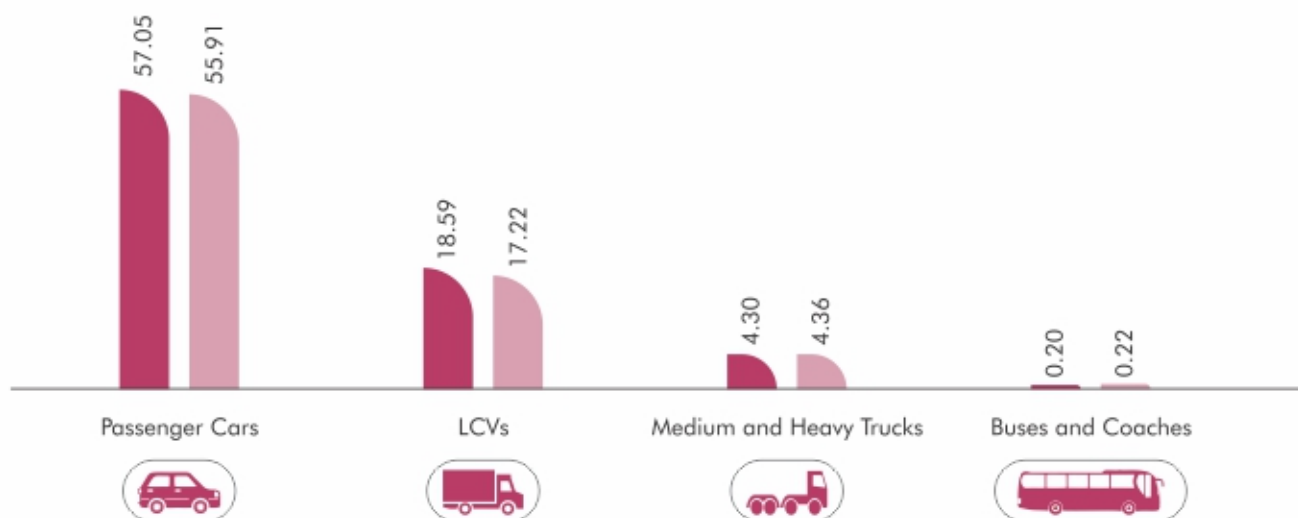
to slide recording (-) 5% de-growth, while North America or NAFTA was down (-) 21%. There were early signs of recovery in Asia and Oceania with 7% growth, while Africa recorded 8% growth. Light Commercial Vehicles (LCV) production has been the most impressive with growth across geographies – Europe grew by 4%, Americas by 8%, Asia and Oceania by 9%, and Africa by 39%. reduced by (-) 16.1% in 2020 and the reductions were across regions ranging from around (-) 11.4% to (-) 26.4%. Heavy vehicles production was under pressure with heavy busses recording (-)10% degrowth and heavy trucks reducing by (-)2%.

Based on data compiled by the two-wheeler website – MotorCycle Data - total industry recorded 58.6 million of sales in CY2021, which was still down from the record hit in CY2018 but recorded 8.5% recovery from the CY2020. However, in the post covid era, the motorcycle industry is setting up to live a booming decade due to the global growing demand for individual mobility and for the electrification impact in the consumer demand.

While the industry regains its growth momentum amidst different eternal exigencies, there are several disruptive developments that will have an indelible impact on the future. On many of these fronts there were significant developments in CY2021. To begin with, autonomous vehicle technology has emerged as a major disruption. The

TOTAL VEHICLE PRODUCTION BY TYPE (In Millions)

2021 2020



Data Source: OICA

fleet of autonomous vehicles is growing global with a focus on last mile deliveries, reducing downtime and promoting safer public transportation. In fact, self-driving vehicles equipped with advanced recognition technology and a wide array of cameras and sensors are penetrating the transport segment.

With the focus on transformation to cleaner air technologies away from fossil fuels and much lower levels of vehicular emissions, electronic vehicles are fast emerging as alternatives in the market. From the initial phase, prices of these vehicles have become more affordable and there is now a much faster pace of electronic vehicle adoption. Also, trends like better battery technology, increasing charging

infrastructure and fleet electrification is supporting this transformation. Across the industry there is now a much greater implementation of artificial intelligence technologies such as machine learning, deep-learning and robotic automation. They are guiding self-driving, managing fleets and assisting in safety tools. AI is also finding greater application in vehicle manufacturing and inventory control bringing down costs of production. Shared mobility and connected vehicles are also emerging as an alternative to self-owned vehicles. Finally, the prolonged crisis in sourcing chips and transformed several auto-manufacturers to move to developing and making their own chips. This will transform production dependencies in a big way.

INDIA

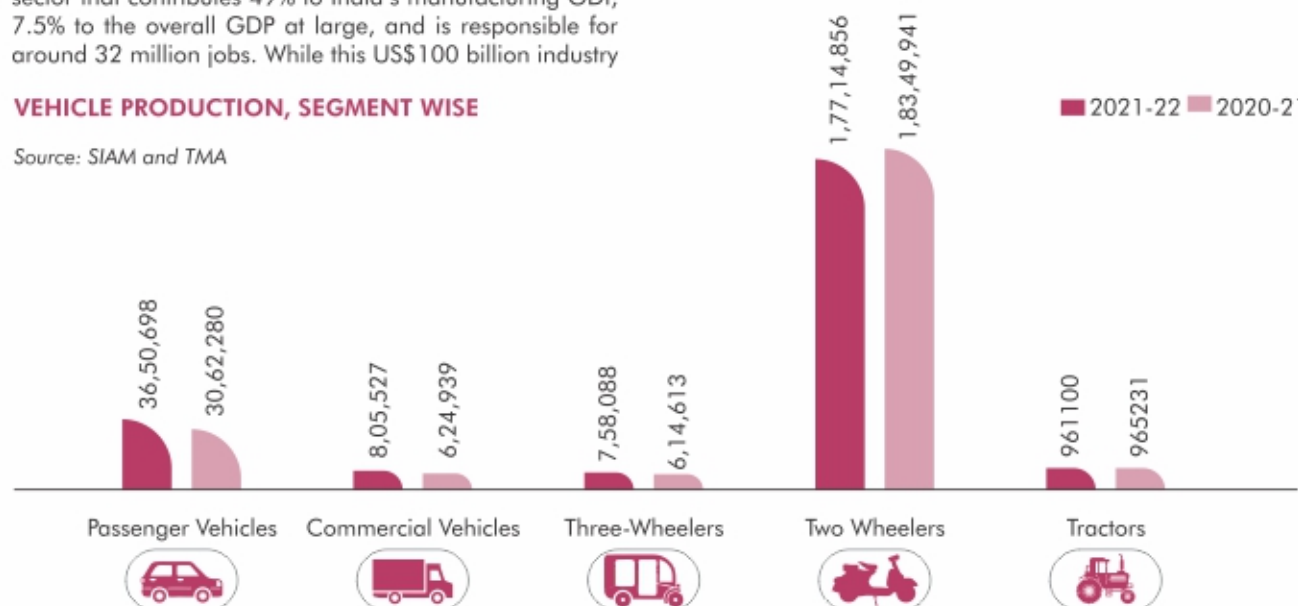
The automobile industry in India is recognized as a core sector that contributes 49% to India's manufacturing GDP, 7.5% to the overall GDP at large, and is responsible for around 32 million jobs. While this US\$100 billion industry

witnessed a recovery in a post COVID environment, it continued to face headwinds related to supply constraints on account of chip shortage, overbooking, rural distress,

VEHICLE PRODUCTION, SEGMENT WISE

Source: SIAM and TMA

2021-22 2020-21





fuel price-led inflation, and skyrocketing commodity prices. Domestic automobile sales (excluding farm equipment) dropped to the lowest level in India in 9 years, reducing by 6% from 18.6 million in FY2021 to 17.5 million vehicles in FY2022. The earlier low was in FY2013 when total wholesale fell to 17.8 million, according to the Society of Indian Automobile Manufacturers (SIAM).

The drop in sales comes primarily from the downward trends observed in the 2-wheeler industry – sales of two-wheelers decreased by (-) 11% from 15,120,783 units in FY2021 to 13,466,412 units in FY2022. The last time sales were so low was back in 2011 – 2012 when the sales were at the same rate. Within two years of unlocking the all-time highest two-wheeler sales of 21 million units in FY19, the numbers tumbled to the low registered in 2021 – 22. While there were sales of electric two-wheelers (300,000), its much lower starting volumes could not offset the lows touched in the overall two-wheeler sales. A similar trend was seen with internal combustion engine (ICE) powered three-wheeler sales, which logged only 260,000 units, almost 50% lower than the highest sales volumes ever registered. The other segment, which has witnessed strong performance over the last 5 years, farm equipment, also witnessed a slowdown in FY2022 – tractor sales reduced by (-) 1.7% to 970,902 units in FY2022.

On a positive note, the other segments displayed encouraging trends. Passenger Vehicles sales increased by 13.2% to 3.1 million in FY2022, while commercial vehicles recovered from a very poor FY2021 with 26% growth, recording 716,566 units of sales in FY2022.

In a welcome development amidst the sluggish domestic performance of the automobile industry, pockets of exports have extended some optimism to the outlook. Passenger vehicle exports logged the highest numbers in eight years, recording exports of 576,000 vehicles – a growth of 30.9% from 440,000 units exported in FY2021. Having said so, these levels are still below the highest ever passenger vehicle exports of 596,000 units recorded in FY2014. Meanwhile, two-wheelers' exports put up a better show, increasing from 3.3 million units in FY2021 to 4.4 million units in FY2022, which is the highest ever level of exports in the last 5 years.

Under these market conditions, total vehicles production in India almost remained stagnant at FY2021 levels during FY2022. In fact, there was a 1.2% growth from 22.7 million units in FY2021 to 22.9 million units in FY2022. Clearly, there has been an underutilization of capacity. In FY2022, India had an installed automobile production capacity of nearly 35.5 million units but only 22.9 million automobiles were manufactured. Though the 7 million units production capacity belonged to passenger vehicles, only 3.6 million were made. Including commercial vehicles, four-wheelers manufacturing capacity utilization was estimated to be 63.6%, whereas for two and three-wheelers it was around 61%. Unused manufacturing capacity aggravates layoffs, a drop in job creation potential and investment, and eventually affects the economy.

On the production front, passenger vehicles increased by 19.2% to 3.65 million units in FY2022, while total commercial vehicles production increased by 28.8% from 624,939 units in FY2021 to 805,527 units in FY2022. Three-wheelers also witnessed 23.3% growth with 758,088 units production in FY2022. Given the market dynamics, two-wheeler production was also affected reducing by (-) 3.5% from 18.3 million units in FY2021 to 17.7 million units in FY2022. Tractor production reduced by (-) 0.4% to 961,100 units in FY2022.

After the Coronavirus outbreak, supply chains to the automotive industry have been disrupted. Irregular automobile production and quicker than anticipated recovery in some markets, has emerged as a crisis. In addition to the demand from the auto industry for chips, whose production is interlinked to several geographies for components, work from home driven demand for computers, cell phones, and other electronic gadgets amid the Coronavirus pandemic outstripped chip supplies. At the same time, Russia and Ukraine, neighbouring countries that were known to play a key role in chip supply chains globally, are currently in a state of war, further disrupting semiconductor supply chains. The stringent Chinese zero-Covid strategy has shut down important manufacturing hubs crucial for global supply chains for chip related products. Paucity of chips or semiconductors and other supply chain issues are significantly impeding higher growth of the industry and this crisis is expected to continue for at least another year.



By the end of April 2022, amid chip scarcity, Indian car makers were holding on to a pending orders pile of up to 750,000 units. This was India's largest-ever figure of pending car orders. As many modern automobile features require chips, it is expected that Indian car manufacturers may emulate their international peers in cutting some value-added features, in light of the chip shortage. Indian car companies have been compelled to prune production and raise prices. This resulted in orders getting delayed and raised the focus on car models needing fewer chips.

Though demand emanated majorly from rural areas during Coronavirus first wave, the second wave did not spare it. Rural demand depends on spending, even as the government is raising expenditure on infrastructure with high budgets. This is important to uplift the sentiment of rural consumers. Unfortunately, farmers' income in India did not rise to expected levels. This is well reflected in the fortunes of tractor sales. Though tractor sales were doing fine for a good amount of time during the pandemic, they

started to plummet in August 2021. Barring a flat October, tractor sales declined by double digits for seven months, a development which points at economic challenges. The share of rural purchases in passenger car sales declined to 38% in Q4, FY22 from 41% in Q1 FY21, considering the strain on rural incomes and swelling inflation, which hurts the ability to spend money on discretionary items. Meanwhile, the two-wheeler segment is expected to face some headwinds as On-Board Diagnostics II (OBD II) is scheduled to be implemented from the beginning of the next fiscal year, which will add to the cost of the vehicle.

While all these adversities exist, there is a general economic recovery under way. It is also important to note that many issues are supply related. As global chains start getting restored, much of this will come online and the industry revival is expected amidst significant structural changes with the advent of electric mobility. FY2023 is a challenging year, with several opportunities of growth.

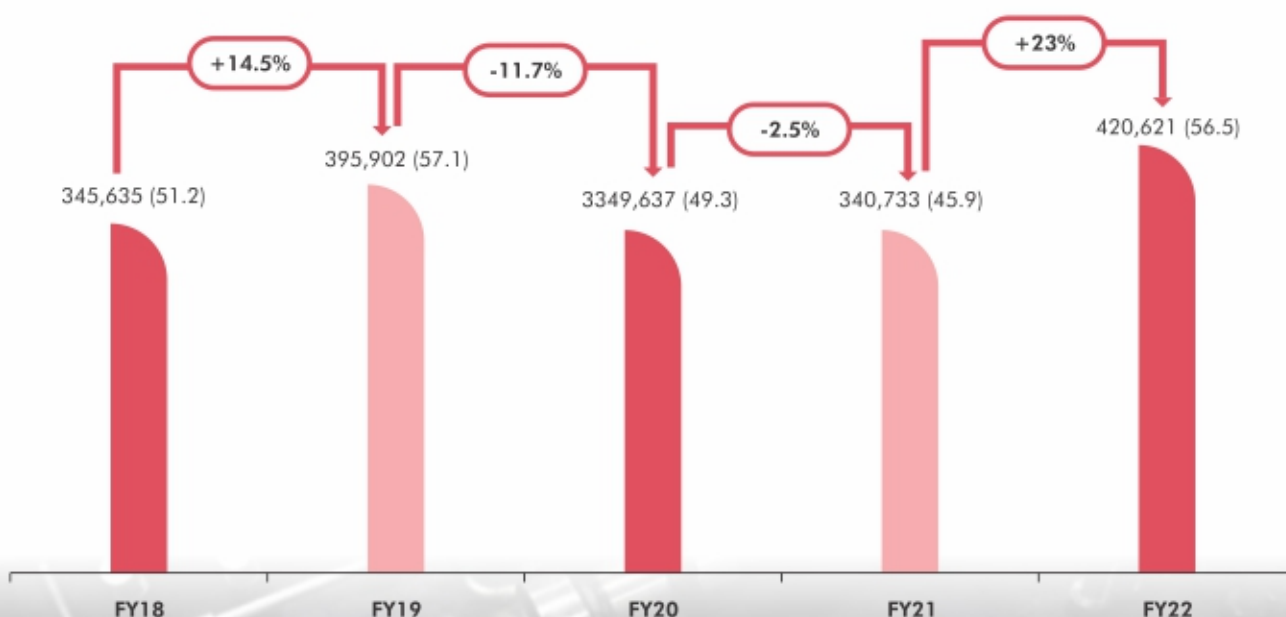
INDIAN AUTO-COMPONENT INDUSTRY

PRODUCTION AND SALES: After 2 years of contractions, the India auto-component industry bounced back with strong 23% growth with a turnover of US\$ 56.50 billion (Rs.420,621 crore) in FY2022. This includes supplies to domestic OEMs, aftermarket and exports and is the highest turnover recorded in the last 5 years.

It should be noted that there is a shift in preferences with customers starting to move towards larger/more powerful vehicles across all segments - UVs (amongst Pvs) were 49% in FY22 (vs. 39% in FY21), while M&HCVs (amongst CVs)

were 33% in FY22 (vs. 28% in FY21). Some of the impressive turnover growth is also attributable to pass through of raw material costs. In fact, per unit raw material cost was up by ~11% (vs. FY21) due to global supply constraints in H2 FY22 caused by geo-political tensions and lockdowns in China. Primarily, steel prices increased 40%, while Aluminium prices increased by 54%. It is important to note that in milieu, electronic vehicles still remain a small segment, with high growth expectations. In FY2022, EVs accounted for around 1% of total auto-component consumption.

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

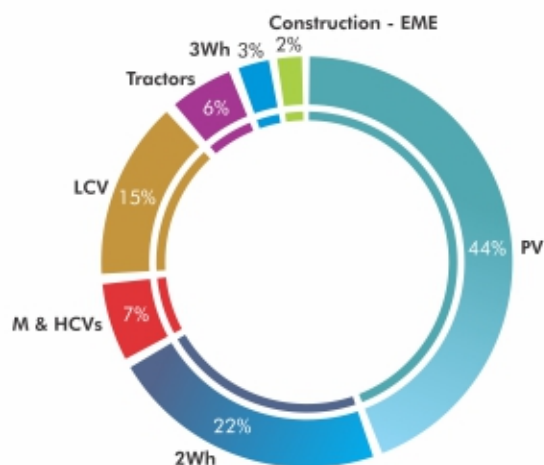


DOMESTIC OEM SALES

In terms of supplies to OEMs - Sales to OEMs increased by 21.4% from US\$ 37.7 bn (Rs.2.79 Lakh crore) in FY2021 to US\$45.8 bn (Rs.3.41 Lakh crore) in FY2022. In terms of share in sales, passenger vehicles remained the largest segment with 44% share, followed by 2 wheelers with 22%, LCVs 15%, M&HCVs 7%, tractors 6%, 3 wheelers 3% and construction equipment is 2%.

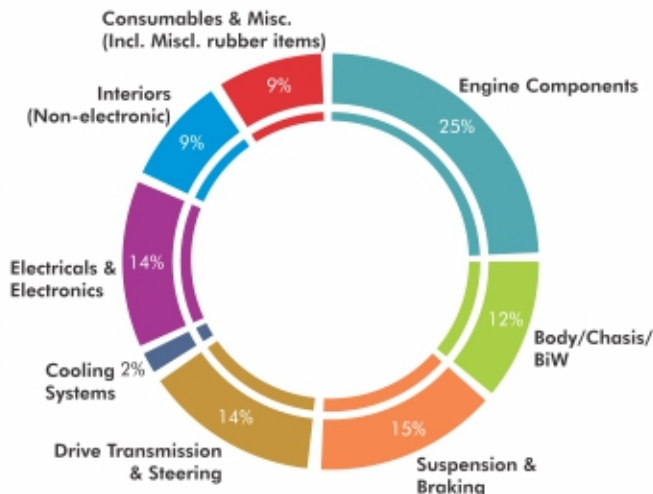
In terms of category of parts supplied to OEMs, engine component is the largest segment with 25% share, followed by suspension and brakes with 15%, drive & transmission at 14 %, electrical and electronics at 14%, body and chassis at 12%, consumables at 9%, interiors at 9%, and cooling systems at 2%

CUSTOMER SALES SHARE BY SEGMENTS



xSource: PwC Research, CRISIL, SIAM

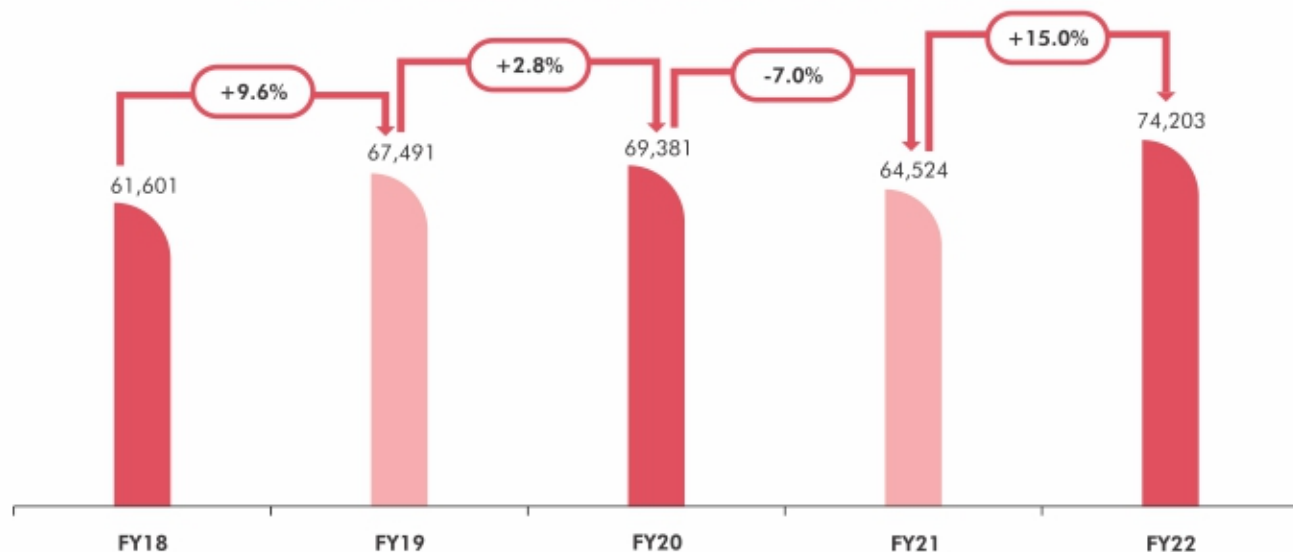
COMPONENT SALES BY CATEGORY



DOMESTIC AFTERMARKET SALES

Sales to the after-market revived strongly as lower new sales kept older vehicles on the roads. After-market sales, in rupee terms increased by around 15% to Rs.74,203 crore in FY2022. This is the highest sales in the last 5 years In US dollar terms, growth was 13.8% reduction to US\$9.9 billion in FY2022.

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



Industry size surpassed pre-pandemic levels due to a combination of factors including more vehicles on road; prolonged usage of vehicles; increase in demand of second-hand vehicles; increase in commodity prices; and

changing automotive ecosystem with the emergence of new sales channels like online e - retailing and multi brand outlets (MBOs)

EXPORTS

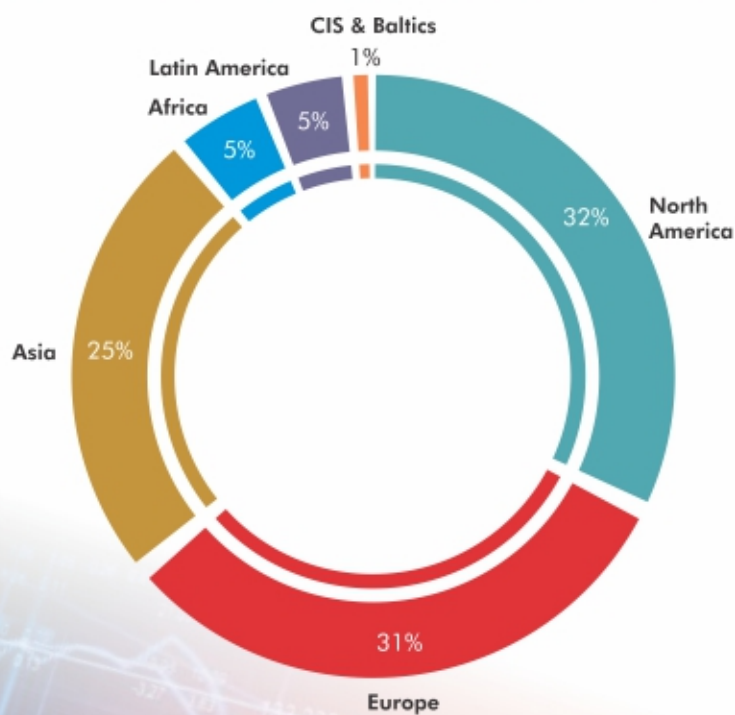
Auto-component exports was the principal driver of the industry with around 43% growth reaching US\$19 billion in FY2022. This growth was driven by diminished impact of the second wave on foreign markets and a sharp recovery in developed economies with some focus on sourcing from non-china economies.

AUTO COMPONENT EXPORTS (US\$ Bn)



North America is the largest market for Indian auto-component exports with a share of 32%, closely followed by Europe at 31% and Asia at 25%; Africa and Latin America at 5% each and CIS and Baltic at 1%. The growth levels were also very significant – North America recorded over 46% growth, while growth in EU was over 39%. Asia and CIS & Baltics recorded 40% respectively, while Latin America recorded 49% growth.

AUTO COMPONENTS EXPORTS - REGIONWISE

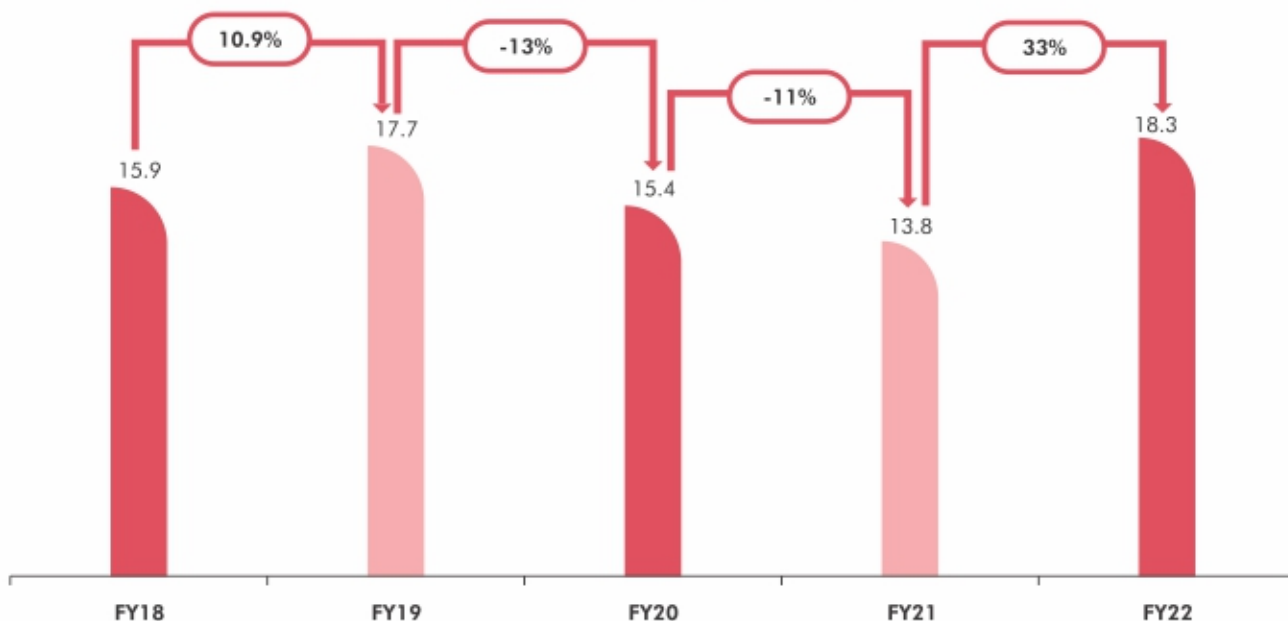




IMPORTS

Auto-component imports increased by 33% to US\$18.3 billion in FY2022 primarily due to supply chain disruptions predominantly in H1/FY22.

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 27%; North America at 7%; Latin America and Africa at 1% each. China remains the biggest source of auto components import, accounting for 30%. Germany is the 2nd largest source of the auto parts import and occupies 11% market share of the import.

The industry is going through a transitional phase with opportunities and challenges.

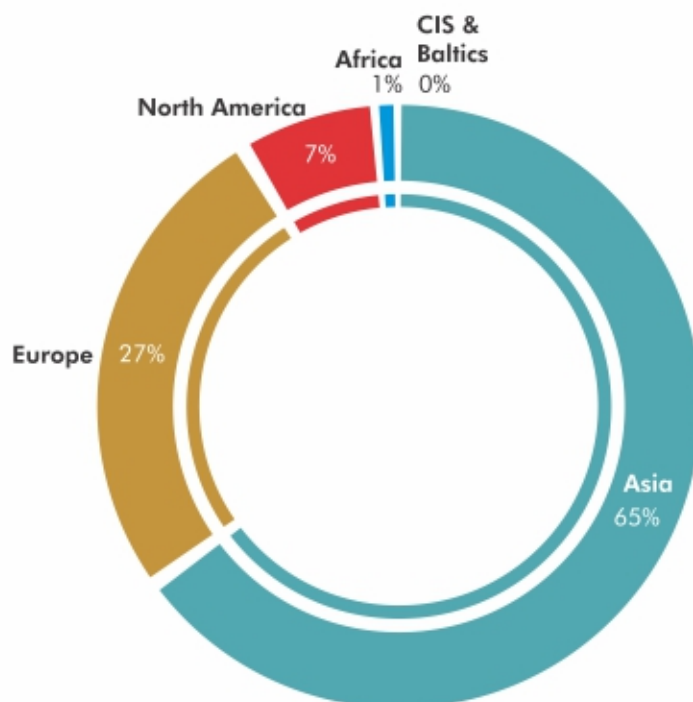
The key opportunities are:

- Domestic Vehicle demand continues to be strong
- Emphasis on infrastructure development
- Surge in international demand/Exports
- Focus on clean and new technology
- Extension of FAME-II, announcement of ACC and Auto PLIs
- State EV Policies
- New entrants in mobility space

The main challenges emanate from:

- Chip Shortage
- High Raw material prices
- High Logistics costs/availability of containers
- Less than expected growth in 2W segment
- Increasing Inflation & Fuel prices
- High Insurance Cost
- High GST rates on auto components

AUTO COMPONENTS IMPORTS - REGION WISE





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 six 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 790 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.

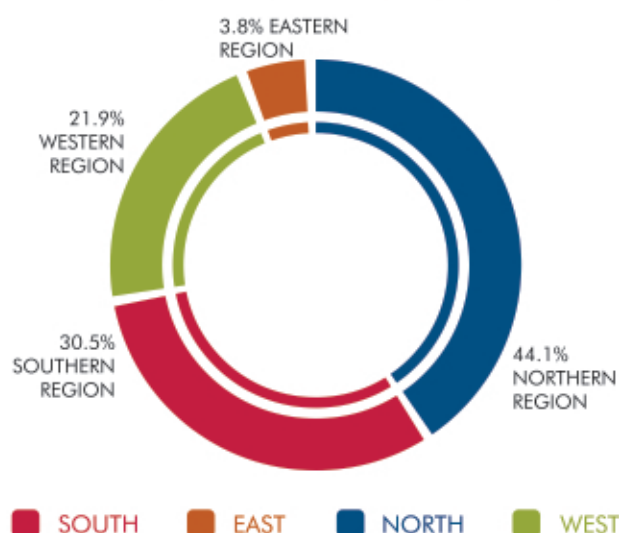
ACMA MEMBERSHIP (As of May 2022)

REGIONS	MEMBERSHIP
Eastern Region	30
Northern Region	350
Southern Region	242
Western Region	173
Total	795

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	Changwon City & Changwon Industry Promotion AgencySouth Korea	
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 Affairs & Strategic Initiatives 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 Skilling & Mentoring 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 Start-Up & Strategic Partnership 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 Media, Image Building & 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 has also set-up Future Ready Initiative, to address the need of industry in transition and to create auto component industry of tomorrow. The Young Business Leaders Forum (YBLF) and ACMA Centre of Excellence (ACoE) leads the initiatives.

ACMA QUALITY POLICY

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

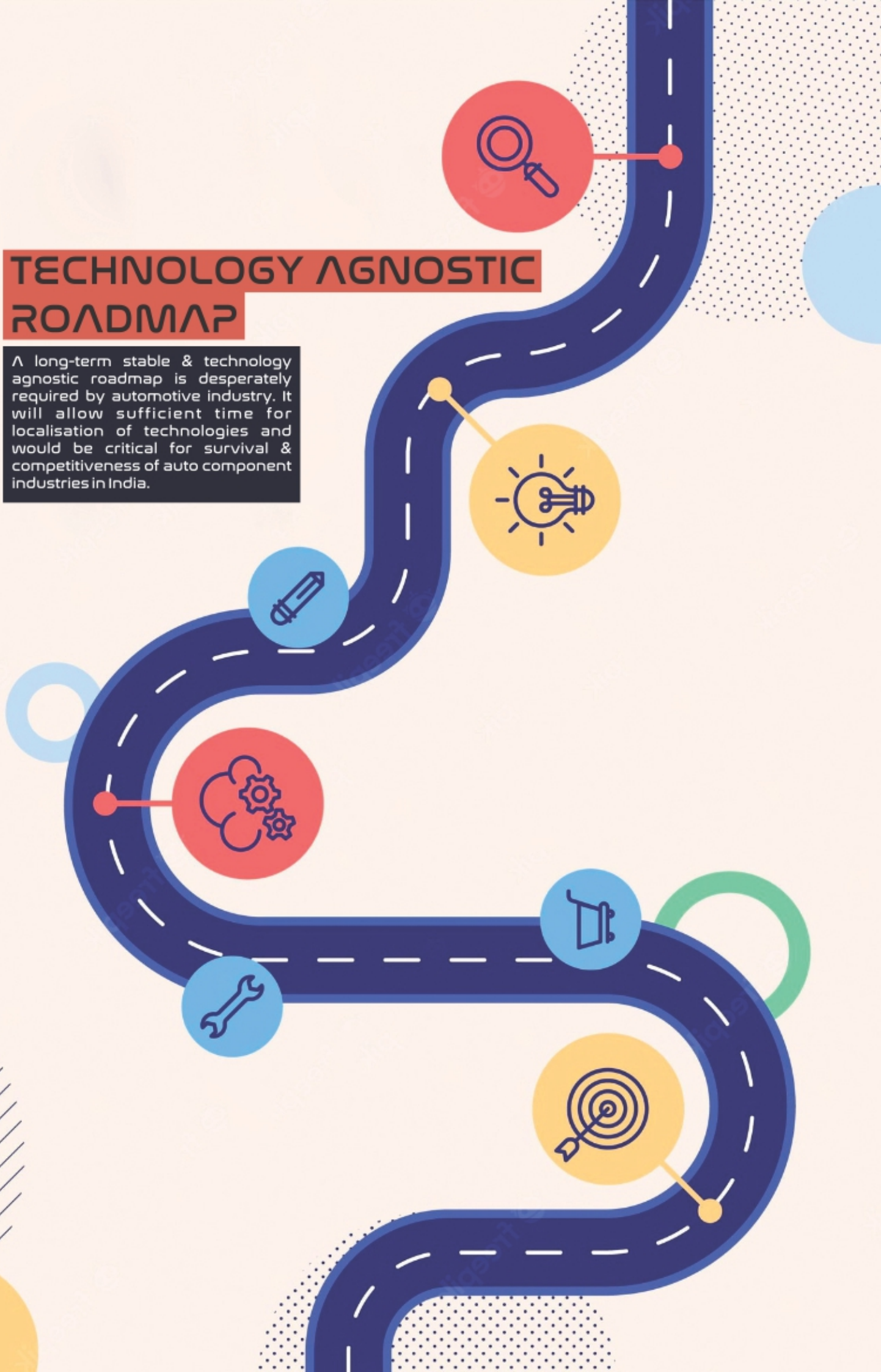
- Evolving & delivering innovative services through consensus and in partnership with members/other stake holders
- Contributing to the developmental needs of the customers in the backdrop of changing external environment
 - Enhancing ACMA's capabilities and competence portfolio commensurate with emerging 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

TECHNOLOGY AGNOSTIC ROADMAP

A long-term stable & technology agnostic roadmap is desperately required by automotive industry. It will allow sufficient time for localisation of technologies and would be critical for survival & competitiveness of auto component industries in India.





OFFICE BEARERS

**President**

Mr. Sunjay J Kapur
Chairman & Managing Director
Sona Comstar

**Vice President**

Ms. Shradha Suri Marwah
Managing Director
Subros Ltd.

REGIONAL CHAIRPERSONS

**NORTHERN
REGION**

Mr. Vikrampati Singhania
Managing Director
J.K. Fenner (India) Ltd.

**SOUTHERN
REGION**

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

**WESTERN
REGION**

Mr. Arvind Goyal
Chairman & Managing Director
TATA AutoComp Systems Ltd.

**EASTERN
REGION**

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



RICESS

MARQUEE EVENTS

61st ACMA Annual Session



A long-term, stable & technology agnostic road map essential for localisation

The 61st ACMA Annual session themed 'Living with Volatility - Survival, Revival & Growth' was held on 26th August, 2021 virtually. The annual session centered on the Indian automotive industries path to survive, recover & explore new growth opportunities, amidst the most challenging humanitarian & business crisis due to the pandemic.

The annual session was graced by Dr. Mahendra Nath Pandey, Hon'ble Union Minister for Heavy Industries and Mr. Amitabh Kant, CEO, NITI Aayog and other eminent dignitaries who shared their views on harnessing newer opportunities for the auto component sector to evolve in prevailing times. The session organized on a virtual platform, witnessed the participation of over 1500 delegates from the Government and Ministries, OEMs, industry bodies and think tanks.

In addition to the insightful sessions, ACMA in partnership

with PwC, released a study on "Best practices in Living with Volatility: Survival, Revival and Growth" to understand how Indian automotive industry is learning to thrive under ever-changing business environment. The study stressed on the need to become more agile, flexible and customer focused to succeed in the new normal. According to the study, the key elements for the survival of the auto component industry is to become financially prudent and efficiently manage the risks. The revival in the industry needs investment towards digital transformation, leadership development, enhanced capabilities, agility in supply chain and stabilize manufacturing as per the demand. The growth in the industry is expected to come at the back. The CASE disruption, new markets for exports and aftermarkets, focus on innovation and evaluating trade-offs to arrive at future product categories. The study also highlighted that companies with robust financial management capabilities and a focus on growing value added per employee and strong alliances with suppliers and customers will emerge successful. In addition, the report predicts that the Indian automotive and component industry will continue to see a

sharp recovery over FY22–FY23. Over the next decade, the industry is likely to maintain a healthy growth trajectory, but it may face high-frequency volatility in the market.

Congratulating ACMA for its 61st Annual Session, **Dr. Mahendra Nath Pandey, Hon'ble Union Minister for Heavy Industries, Government of India**, said, "The last two years have been difficult for the industry due to the global pandemic and therefore we must take stock of the challenges and prepare for the future. A more concerted effort towards Skilling and Localization can help to navigate through the tough times and solve many problems of the Automotive Industry. ACMA, along with Centre of Excellence is working tirelessly to run clusters programs for the skill development across the country. Simultaneously, ACMA is addressing the issue of high imports in the component space along with SIAM and have come up with a localization roadmap.

Our government is committed to support the automotive industry and its efforts to make the supply chain more robust with increased expenditure in R&D. This will help in closing the technology gaps to make Auto Component sector Atmanirbhar and globally competitive."

Mr. Amitabh Kant, CEO, NITI Aayog, said "We are coming out of the crisis of Covid-19 but will soon be confronted by the crisis of climate change. These challenges can be tackled by the industries by going digital, lean, and green. The transition of automobiles towards electric mobility is therefore inevitable and the auto industry should strive to make India a global leader in electric vehicles. The approach of "Make in India" is very clear, that is, to de-risk supply chains by boosting localisation and reducing import dependency. For India to grow as a manufacturing nation, the automobile sector and the auto component sector will be the key drivers of India's growth story and for the same we have notified the Production Linked Incentive scheme. The Scrappage policy will also be a game changer in driving demand for new vehicles. Technology disruptions are creating opportunities across levels for the automotive sector and must be harnessed by the industry."

Commenting on the 61st Annual Session, Mr. Deepak Jain, President, ACMA said, "The last two years have been extremely challenging for the industry with two lockdowns in the wake of the pandemic that threatened to derail our economy and industry. The year 2020-21 witnessed the second successive year of contraction in vehicle sales in India and overall vehicle sales fell by over 13.6%. The component industry also witnessed a de-growth of 3%. With the second wave of pandemic, the revival of our industry has again been put to test. However, despite several challenges the industry has fought back with the spirit of collaboration and chart out its future course to sustain and grow. We are now witnessing the gradual resurgence of demand for vehicles, and I am hopeful that we will be able to ensure business continuity and return to pre-covid levels of performance."

Mr. Jain further added "The interest waiver and loan payment deferment programs for the MSMEs, the announcement of the PLI Battery ACC and the Scrappage policy by the Government of India will auger well for the auto industry. A long-term, stable and technology agnostic road map, that allows sufficient time for localisation of technologies would be critical for survival and competitiveness of our industry. Our focus is in-line with our Hon'ble Prime-Minister's vision of an 'Atmanirbhar Bharat' and we aim to become a net exporter."

The Special Plenary Session was addressed by Mr Ashwani Gupta COO & CPO, Nissan Motor Corporation and Mr R C Bhargava Chairman, Maruti Suzuki India. The theme session on Living with Volatility - Survival, Revival & Growth was presented by Mr. Kavan Mukhtyar Partner and Leader – Automotive, PwC and the keynote for the session was delivered by Dr. Pawan Goenka Chairman, SCALE Committee and Former MD & CEO Mahindra and Mahindra. The Annual session also had a panel discussion which was attended by Mr Vipin Sondhi Vice President, SIAM and MD & CEO, Ashok Leyland, Mr Hemant Sikka, President, Farm & Equipment Sector, Mahindra & Mahindra, Mr Sunil Kakkar Chairperson, SIAM along with many other dignitaries.





4th ACMA Aftermarket Expo - North-East

The 4th ACMA Aftermarket Expo – North East was held on 10th December, 2021. The two-day event was organised under the aegis of Ministry of Commerce & Industry, Government of India at the Maniram Dewan Trade Centre, Guwahati and is being supported by the Guwahati Motor Parts Traders Association (GMTA).

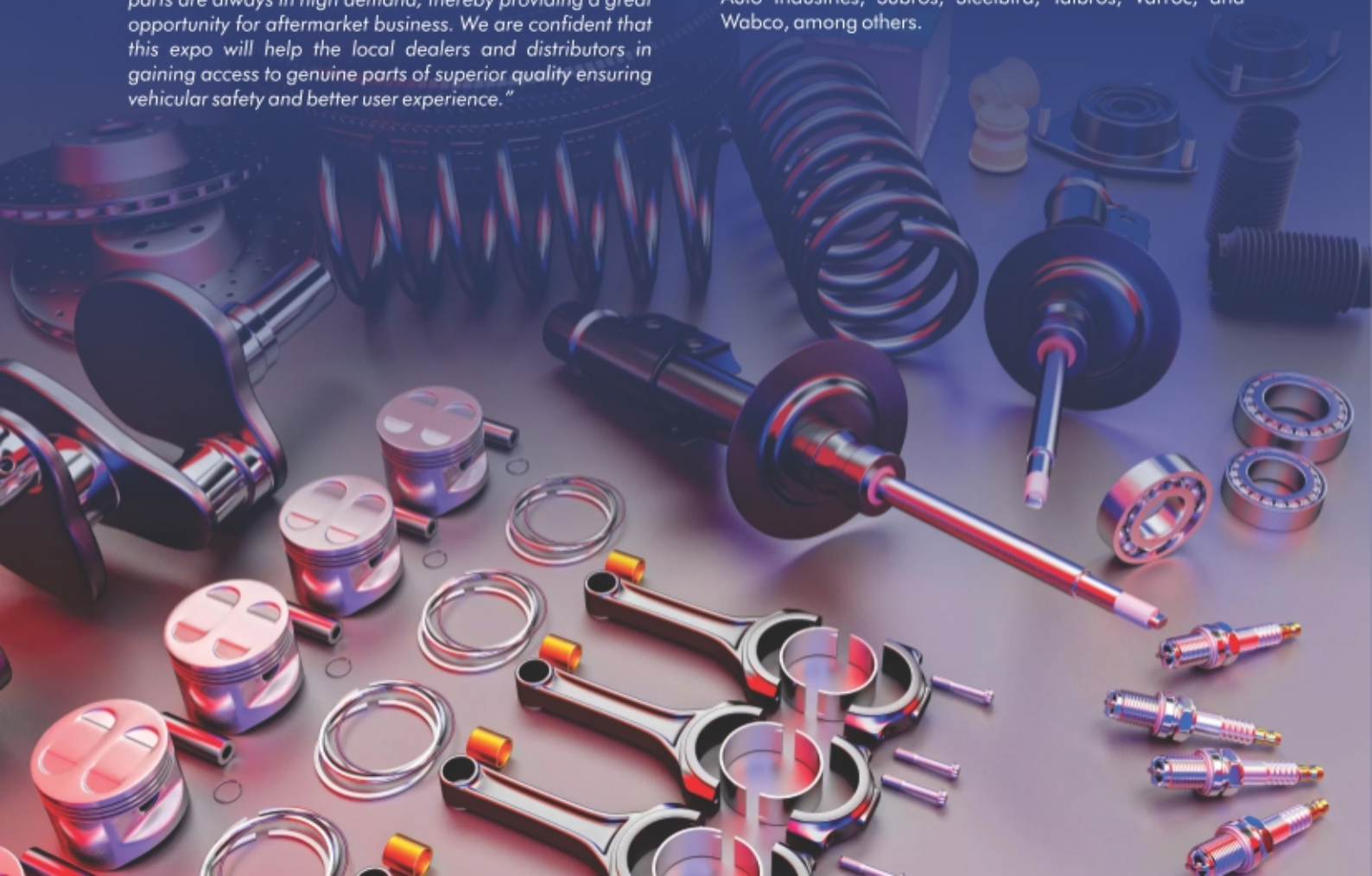
The ACMA Aftermarket Expo – North East served as an ideal platform for business development & collaboration between the exhibitors and the dealers from the seven North-Eastern states of India. In this edition of the Aftermarket Expo, 50 leading auto component manufacturers showcased genuine aftermarket & safety critical products. Many domestic and international buyers from neighbouring countries participated in the expo. The Expo enabled quality auto component manufacturers to showcase their products and establish their presence in the region. The event also witnessed workshops on maintenance & best practices for garage mechanics including education sessions on how to differentiate genuine aftermarket products from the spurious ones.

Inaugurating the expo, **Mr. Vinnie Mehta, Director General, ACMA** said "ACMA is delighted to organise the 4th edition of its Aftermarket Expo in Guwahati. Roadways are the primary mode of transportation in North-East. The hilly terrain, rains and poor roads in remote areas lead to wear and tear of the vehicles because of which auto spare parts are always in high demand, thereby providing a great opportunity for aftermarket business. We are confident that this expo will help the local dealers and distributors in gaining access to genuine parts of superior quality ensuring vehicular safety and better user experience."



Sharing his views on the Expo, **Mr. Pradeep Singhania, President, Guwahati Motor Parts Traders Association** said, "The 4th ACMA Aftermarket Expo in Guwahati is happening at an opportune time as the aftermarket gains momentum post the pandemic. The dealers & distributors' community in the Northeast is excited as the show provides a perfect platform for them and the genuine independent aftermarket players to network and focus on business development. We are expecting significant number of dealers & distributors to participate in the event and benefit."

The key exhibitors at the 4th ACMA Aftermarket Expo include Brakes India, Delux Bearings, Gabriel India, Hella India Lighting, Hilux Automotive, Hindustan Composite, JK Fenner, Jamma Auto Industries, Lucas India Services, L G Balakrishnan & Bros, Lumax Auto Technologies, Mahle, Mansons International, Macas Automotive, Minda Industries, National Bearing Industries, Rane Group, Rico Auto Industries, Subros, Steelbird, Talbros, Varroc, and Wabco, among others.





FUTURE OF MOBILITY:
TRANSFORMING TO BE AHEAD
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18th Edition of Automechanika Dubai

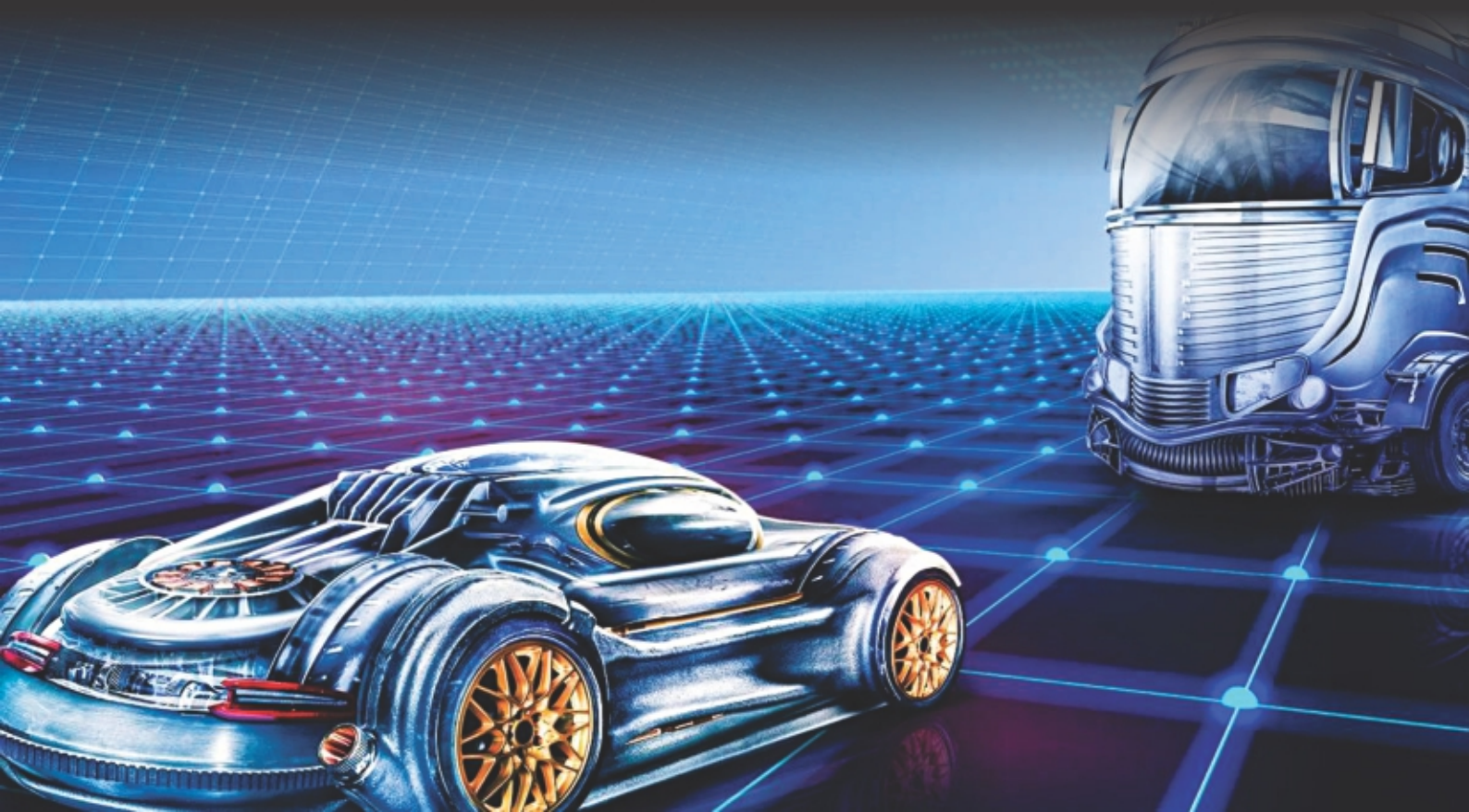
automechanika DUBAI

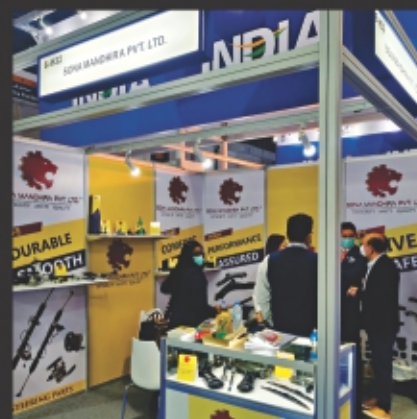
Automotive Component Manufacturers Association of India (ACMA), participated at the 18th edition of Automechanika Dubai 2021, which kicked-off on 13th December, 2021. The trade show emphasized on the principal of reconnecting buyers & sellers, while strengthening the networking & collaborations within the sector.

Commenting at the inaugural of the ACMA-EEPC Indian Pavilion, **Mr. Ramkumar Ranganath, Consul General, Consulate General of India** said, "The much-awaited Automechanika Dubai is happening at a physical platform this time while Covid appropriate behaviour continues to be followed. It is the largest international trade show for the automotive aftermarket industry in the wider Middle East region and therefore a vital platform for in-person exchange

of knowledge and common interests. With the platforms focus on product showcasing, the exhibitors are sure to understand regional demand trends, innovations and build upon new relationships."

The key exhibitors will include Anand Exports, Esteem Auto, JK Fenner (India) Ltd, Lumax Auto Technologies, Spark Minda, Sona Mandhira, Vinko Auto Industries, Jalex Tuboflex, Varroc Engineering Ltd, Steelbird International etc.







MG Motor India & ACMA Forge Alliance to Promote Skill Development



MORRIS GARAGES
Since 1924

ACMA

Automotive Component Manufacturers
Association of India

MG Motor India has joined hands and signed MoU with the Automotive Component Manufacturers Association of India (ACMA) with a vision to educate and foster skill development in the EV component industry on 11th January, 2022.

ACMA will conduct a study on ZS EV to promote skill development in the component segment, syncing with the alliance's objective of supporting the development of the EV ecosystem. It will work in tandem with IIT Sonapat, to further its research on the deployment of electric vehicles in urban India.

Commenting on the announcement, **Rajeev Chaba**, **MG Motor India (President and MD)**, said, "MG Motor and ACMA will collaboratively add value to the EV component industry by imparting education and skill development to create a future-ready workforce. The alliance is also aligned with MG's vision of CASE mobility, learning & skill development, and overall commitment to strengthening the EV ecosystem."

Sunjay J Kapur, **President, ACMA** said "We are grateful to MG Motor for providing us with this opportunity. A future-ready workforce for manufacturing electric vehicles is the need of the hour and this collaboration will help the auto component makers in upskilling themselves and remaining relevant."

The association is in line with MG's vision to support and develop the ecosystem for the electric vehicle. Previously, MG had formed an alliance with IIT Delhi – Centre for Automotive Research and Tribology (CART) for similar research.



FUTURE OF MOBILITY:
TRANSFORMING TO BE AHEAD
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ACMA 'Atmanirbhar' Excellence Awards & Technology Summit

The Automotive Component Manufacturers Association successfully hosted the 7th edition of the ACMA 'Atmanirbhar' Excellence Awards & Technology Summit on 17th March, 2022. The event was themed '**Driving Mobility through Technology, Digitization & Sustainability**' and was aimed at ACMA's endeavor to facilitate the transition of the auto component industry from a conventional one to mobility industry. The summit recognized and felicitated ACMA members for excellence across parameters such as Exports, Product innovation, manufacturing, HR, and environmental safety.

The summit was graced by dignitaries from the Government and Industry including, **Shri. Piyush Goyal**, Hon'ble Union Minister for Textiles, Commerce & Industry and Consumer Affairs, Food & Public Distribution Government of India, **Dr. Mahendra Nath Pandey**, Hon'ble Union Minister for Heavy Industries Government of India, **Dr. Pawan K. Goenka**, SCALE Chairman Designate – In space, Dept. of Space, GOI, and **Mr. Kenichi Ayukawa**, President, SIAM and MD & CEO, Maruti Suzuki India, among others.

Speaking at the award ceremony, **Shri Piyush Goyal** said, "My heartiest congratulations to all the winners of the ACMA Atmanirbhar Excellence Awards. These are one of the most coveted awards in auto sector that help the industry to benchmark its work and achieve excellence. The Government is ready to partner with the industry,

addressing their needs to achieve game changing results. As an industry, we should also focus on R&D and move from traditional technologies to new technologies. It is important for companies to evolve and embrace cutting-edge technologies like e-mobility to remain relevant."

Sharing his opinion, **Dr. Mahendra Nath Pandey** said, "The Government of India is keen to support the automotive industry, the FAME 2 and PLI scheme are some of the necessary steps in this direction. The Government is keen to incentivize investments in advanced technologies to create a robust eco-system to address the future mobility goals of India and welcomes the joint ACMA-SIAM roadmap on localization to reduce dependence on imports."

The ACMA Technology Summit successfully brought together experts and industry leaders to deliberate and collaborate on building an Atmanirbhar Automotive value-chain through advanced technologies. The summit witnessed incisive sessions by the experts on the future mobility, next generation mobility solutions and new-age manufacturing technologies to stay ahead of the curve.

Commenting on the industry transformation, **Mr. Sunjay Kapur, President, ACMA** said, "Indian automotive component industry is at the cusp of change. Companies have already started adopting new age technologies such as telematics, ADAS and automation fast transforming the



industry. Whilst the industry has faced several headwinds, the support of our government with policies like PLI schemes, FAME has enabled us to stay strong and remain globally competitive.”

The Summit also hosted panel discussions on the themes Driving Mobility Through Technology, Digitization, Sustainable Business Excellence and an Exclusive Leadership Session.



ACMA

ACMA ATMANIRBHAR EXCELLENCE AWARDS & TECHNOLOGY SUMMIT

DRIVING MOBILITY THROUGH TECHNOLOGY, DIGITIZATION, SUSTAINABILITY

EV Summit & Exhibition, ATPSE &



The Automotive Component Manufacturers Association of India successfully concluded three concurrent events, the ACMA EV Summit & Exhibition, the Auto Technology Partnership Summit & Expo (ATPSE) and i-Autoconnect, flagship reverse buyers & sellers meet on 23rd & 24th March, 2022 at the Greater Noida Expo Centre.

The event witnessed congregation of thought leaders, industry representatives and domestic component manufacturers from both traditional as well as the EV sector. Over 130 ACMA members, including 50 from the e-mobility segment, displayed their latest products and technologies. A sizeable number of international delegates from over 30 countries visited the event while business delegations from UK, Spain, Israel, Russia and Bangladesh evinced keen interest in India made auto components. That apart, several business leaders from OEMs also visited the event.

The event was inaugurated by Mr. Sunjay Kapur, President, ACMA and Chairman, Sona Comstar, Dr. Reji Mathai, Director, ARAI, Ms. Mahua Acharya, MD & CEO, Convergence Energy Services Limited, Ms. Shradha Suri, Vice-President, ACMA and Chairperson & Managing Director, Subros Ltd. Mr. Nishant Arya, Chairman – E Mobility, ACMA & Vice Chairman, JBM Group & Chairman, Linde-Wiemann GmbH and Mr Vinnie Mehta, Director General ACMA.

Inaugurating the event, **Mr. Sunjay Kapur, President, ACMA** said, "The entire automotive industry is undergoing a paradigm shift as we transform into a mobility industry. The phenomenal increase in the sales of electric vehicles in India in the current financial year indicates that EVs have clearly caught the imagination of our people. Whilst the Government policies have been very conducive towards

**FUTURE OF MOBILITY:
TRANSFORMING TO BE AHEAD
OF THE OPPORTUNITY**



adoption of EVs, however issues such as range anxiety, standardization of battery chargers, acquisition cost of EVs and ease of financings also need to be addressed to create a conducive eco-system. Going forward, OEMs, the components manufacturers and start-ups will need to work closely together to co-create and develop products from an early stage. We will also need to invest heavily in green energy as it will be one of the biggest opportunities for the industry."

Speaking at the inauguration, **Dr. Reji Mathai, Director, ARAI** commented "I thank ACMA for creating this opportunity to bring stakeholders of the EV ecosystem to collaborate for the growth of the EV industry. The Government is bringing the best testing facility of the EV vehicles, creating robust charging infrastructure, fast charging options and standardization in the battery system. In addition, our ecosystem will allow innovations and implementation of advanced technology in batteries of electric vehicles. We are also providing the adequate support to the start-ups and MSMEs working in the EV space through various platforms. Government is also pushing for an accelerator program where new areas of development in

the EV space can be supported."

Sharing her views on the changing automotive landscape, **Ms. Mahua Acharya, MD and CEO, Convergence Energy Services Limited** said "This is the first time in the history when there is so much optimism and engagement in the EV industry. The demand for EV in the last 18 months has been unprecedented and to support the industry, Government is committed to work closely with ACMA, OEMs, and component suppliers."

Commenting on the event, **Mr. Vinnie Mehta, Director General, ACMA** said "We are excited about the opportunities that lie ahead for the auto sector, both in the domestic and the external markets. ACMA is happy to provide a platform to the auto components industry to showcase progressive developments, research, and engineering excellence. We are excited to witness the rapid transformation in the auto component industry in India as it strives to stay relevant. We look forward to closely working with all the relevant stakeholders towards building a safer, cleaner, and a more technologically advanced automotive ecosystem in the country."



**FUTURE OF MOBILITY:
TRANSFORMING TO BE AHEAD
OF THE OPPORTUNITY**



1st Farm Equipment & Implements Localisation Expo

The Automotive Component Manufacturers Association hosted the 1st ever edition of the ACMA Farm Equipment & Implements Localisation Expo on 6th and 7th April, 2022.

The expo aimed at showcasing latest development & excellence in auto component technologies for farm equipment by domestic component manufacturers. The expo will be an annual feature of ACMA, as it endeavors to provide a unique platform to all the stakeholders for better business prospects and to develop a highly localized, resilient and robust supply chain.

Commenting on the need for sustainable development of the industry, Sunjay J. Kapur, President ACMA & Chairman Sonacomstar said, "The farm equipment industry across the world is transforming itself in light of the challenges on the front of energy security, concern for the environment and reducing carbon footprint. With India declaring to achieve carbon neutrality 2070, the Automotive and the farm sector, together with all other verticals of the industry will have to work in unison towards the realization of this national goal. Further, I am confident that the component manufacturers,

with their eye on the changing landscape of the industry, are suitably investing to stay on the cutting edge of technology and relevant."

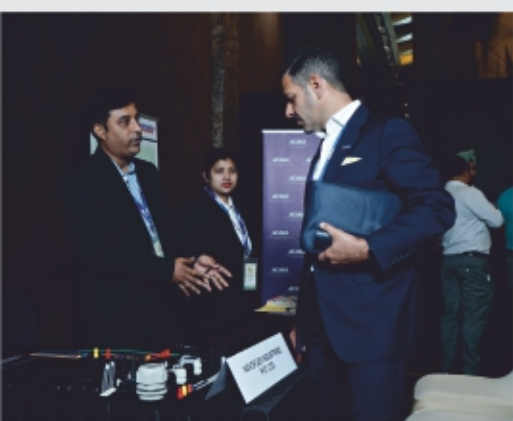
Speaking on the occasion Vinnie Mehta, Director General ACMA said, "The agricultural sector has shown promising growth despite the pandemic, it recorded a sale of 9.6 lakh units in FY 20-21 and another over 9 lakh units in first 11 months for FY 21-22. Indeed, we are very Automotive Component Manufacturers Association of India 2 proud of our tractor industry as it is world no.1 in terms of units produced as also a significant exporter. That apart, although the farm implements sector is at a nascent stage in our country, however it also holds great potential."

The expo witnessed participation by more than 50 leading component suppliers with their latest products & technologies at display. The expo evinced keen interest from leading farm equipment manufactures and OEMs such as TAFE, Mahindra & Mahindra, John Deere India, Escorts Group, Swaraj, CHN Industrial, JCB India among others.





FUTURE OF MOBILITY:
TRANSFORMING TO BE AHEAD
OF THE OPPORTUNITY





ACMA & Hero MotoCorp collaborate for 1st ever EV Technology Expo

The Automotive Component Manufacturers Association of India and Hero MotoCorp, the world's largest manufacturer of motorcycles and scooters, organised one-of-its-kind EV Technology Expo on 08th & 09th June, 2022 in Jaipur.

Whilst ACMA regularly organises tech-shows for OEMs, these have been largely in the conventional ICE domain. This is, however, for the first time, that ACMA is organising a tech-show dedicated to components of Electric Vehicles (Evs).

Inaugurating the Expo, Dr. Arun Jaura, Chief Technology Officer (CTO), Hero MotoCorp, said "In line with our Vision - 'Be the Future of Mobility', we are constantly working towards developing newer technologies that drive the mobility segment forward. The EV segment is a crucial part of this journey and we are glad to be collaborating with ACMA to engage with supply chain ecosystem and provide them an apt platform to showcase their latest EV technologies. We are delighted that ACMA has stepped up to be the game changer of e-mobility along with us not only in India but also progressively, overseas."

"This Expo is an extension of our commitment to 'Make in India' and promote the country as a global manufacturing base for future technologies. This ensures India's self-reliance, reduces dependence on imports and naturally provides wider e-mobility options for everyone. Sustainability is pillar of our strategy and e-mobility will be an important lever in our journey," Dr. Jaura added.

Speaking on the occasion, Vinnie Mehta, Director General,

ACMA said, "We thank Hero MotoCorp for collaborating with ACMA for the EV Tech-Show and inviting ACMA members to participate in this unique event. Our combined efforts are bound to give impetus to localisation of e-mobility solutions in the country and would become a model for the industry to follow." "With our government declaring net-zero carbon emissions by 2070, e-mobility has indeed caught the attention of the policy makers and consumers alike in India. The transformation is very pronounced in two-wheelers and three-wheeler segments. As we move towards mass adoption of EVs and electrification of fleet, it is an opportune time for ACMA members to contribute to creation of a robust EV component ecosystem and ACMA is committed towards this endeavor," he added.

More than 35 auto components are participating in the EV tech-show for Hero MotoCorp and have put on display their latest technological innovations and products in the realm of motors, motors & controllers, inverters, DC-DC convertors, battery technology, BMS, thermal management system, charger & charging systems, telematics & remote diagnostics, vehicle tracking systems, e-braking, energy recovery and digital stimulation technology, to name a few.





1st Automotive Aftermarket Roadshow

The Automotive Component Manufacturers Association of India organised the 1st edition of the Automotive Aftermarket Roadshow in Namakkal, TN on 25th June, 2022. Namakkal, known the body building hub for commercial vehicles in the southern India.

The Aftermarket Expo serves as a platform for innovation & collaboration between the buyers and exhibitors and aims to create awareness about the latest auto components and advanced technologies for the mechanics, dealers, and retailers.

The ACMA aftermarket roadshow was graced by Mr. Ramashankar Pandey, Chairman, Aftermarket Subcommittee ACMA & Managing Director, Hella India Lighting Ltd. and Mr. Kirti Rathod, Convenor- ACMA Automotive Aftermarket Roadshow & Chairman, Delux Bearings Pvt. Ltd.

Mr. Ramashankar Pandey, commented "Namakkal is a hub of commercial vehicle repair and maintenance, and we are delighted to have a roadshow that explores the unrealised

potential of the city. It is a huge centre for body build of commercial vehicles with significant presence of garage owners and truck fleet owners. ACMA in recognition of this important market, has taken a conscious decision of reaching out and supporting the body-builders, mechanics and technicians with genuine spare parts and products to ensure seamless mobility of vehicles in the region."

Over 25 auto component manufacturers are participating in the Aftermarket Roadshow representing various segments of the industry including Bearings, Wheels, Lighting, Steering & Suspension, Starter Motor, Wiper, Gaskets, Fan belt, Oil seals, Cables, Speedo Meters, Fuel Injection Pumps, Air Compressor, Air filters, Canisters, Synchronisers, Radiators, Water Pump Assembly, Gears, Clutches and Axle Components and Air – Filters among others. Additionally, in a unique initiative by ACMA, an eye check-up camp along with the expo was organized in collaboration with Sight Savers, an NGO working for the betterment of Eye Health, Inclusive education and Social Inclusion.





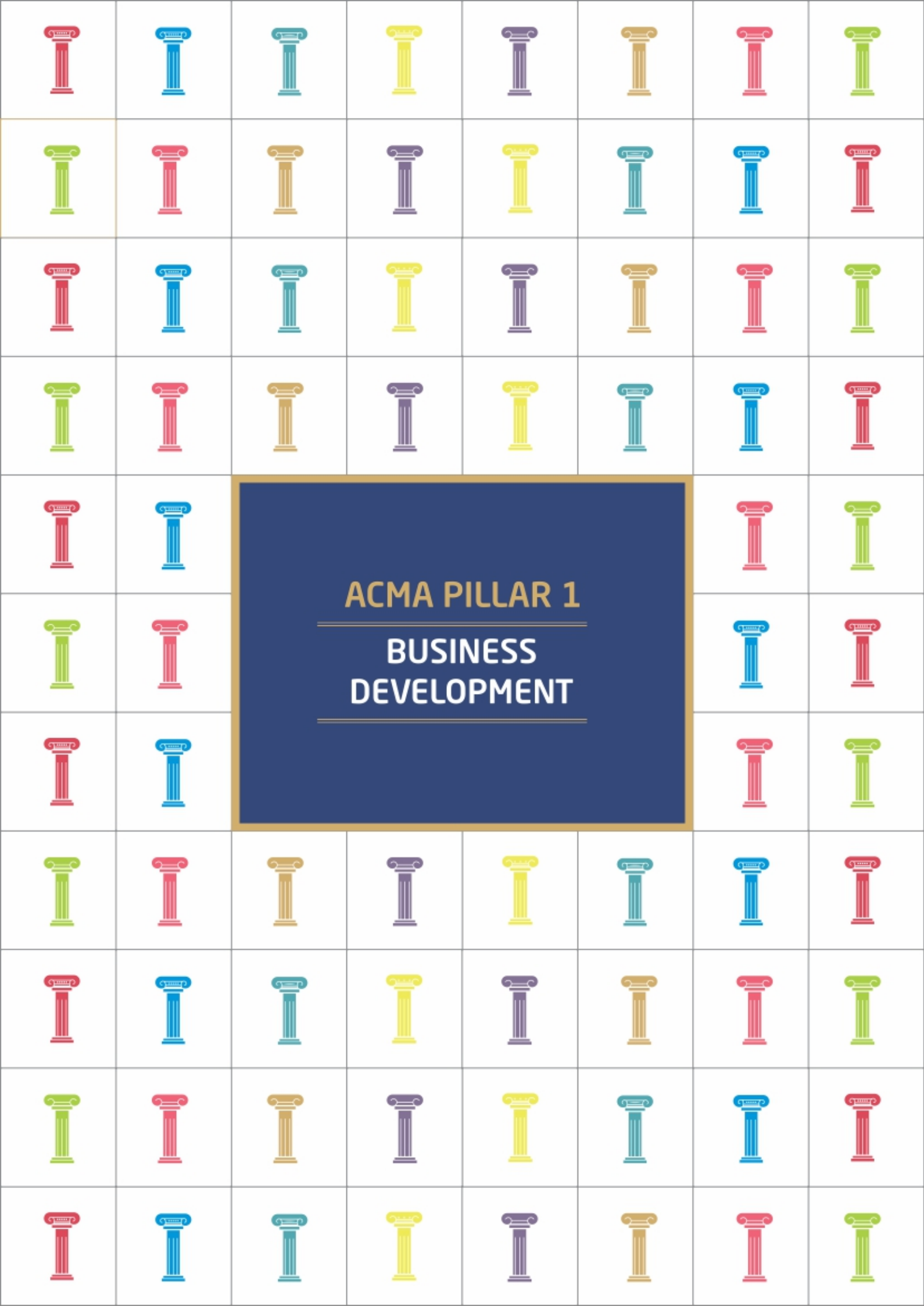
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Advanced Technology Expo's







ACMA PILLAR 1

BUSINESS DEVELOPMENT

PILLAR STRUCTURE



KEY INITIATIVES

1. Virtual BSM with LATAM Aftermarket Buyers held on 22nd to 24th September, 2021
2. India Nepal Aftermarket Auto Parts Show - Physical held on 21st to 23rd November, 2021
3. North-East Expo, Guwahati - Physical (Aftermarket Committee & H.O) held on 10th to 11th December, 2021
4. Automechanika Dubai – Physical held on 14th to 16th December, 2021
5. BSM in Dhaka, Bangladesh 'India Bangladesh Auto Component Show' held on 24th February, 2022
6. iAutoConnect 2022 'Reverse Buyer Seller Meet' held on 23rd to 24th March, 2022
7. Auto Technology Partnership Summit & Expo held on 23rd to 24th March, 2022
8. EV Expo 2022 held on 23rd to 24th March, 2022
9. ACMA participation at Feria De 2 Las Ruedas, Medellin, Colombia held on 12th to 15th May, 2022
10. ACMA participation at Autopromotech Show, Bologna, Italy held on 25th to 28th May, 2022
11. 1st ACMA FARM Equipment & Implements Localisation Expo (AFEILE) held in Ludhiyana on 06th - 07th April, 2022
12. Hyundai Tech Show held on 22nd to 23rd June, 2022
13. Special Interactive Session with Mr. Thomas Flack, President & CPO, TATA Motors Ltd. held on 21st October 2021
14. Madhya Pradesh Auto Show, Bhopal held on 28th to 30th April, 2022
15. Technology Show with TATA Motors Ltd., Pimpri, Pune held on 04th to 06th July, 2022

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: 2021-22

Headquarter Lead Activities

- EV Expo 2022 held on 23rd to 24th March, 2022
- Virtual BSM with LATAM Aftermarket Buyers held on 22nd to 24th September, 2021
- Interaction of Senior Purchasing team of Navistar (IPO) with Pillar 1 members held on 28th September, 2021
- Taiwan-India Industrial Collaboration Summit 2021 held on 27th October, 2021
- Webinar on Sharing best Automotive Aftermarket Practices held on 28th October, 2021
- India Nepal Aftermarket Auto Parts Show - Physical held on 21st to 23rd November, 2021
- Webinar on Manufacturing Technology Capabilities (EV Committee) held on 29th November, 2021
- North-East Expo, Guwahati - Physical (Aftermarket Committee & H.O) held on 10th to 11th December, 2021
- Automechanika Dubai – Physical held on 14th to 16th December, 2021
- Conference on Electronics on EV- Technology Driving Value held on 25th January, 2022
- BSM in Dhaka, Bangladesh 'India Bangladesh Auto Component Show' held on 24th February, 2022
- iAutoConnect 2022 'Reverse Buyer Seller Meet' held on 23rd to 24th March, 2022
- Auto Technology Partnership Summit & Expo held on 23rd to 24th March, 2022
- EV Expo 2022 held on 23rd to 24th March, 2022
- ACMA participation at Feria De 2 Las Ruedas, Medellin, Colombia held on 12th to 15th May, 2022

- ACMA participation at Autopromotech Show, Bologna, Italy held on 25th to 28th May, 2022
- ACMA Participation at Automechanika Istanbul, Turkey held on 02nd to 05th June, 2022
- ACMA webinar on Exports Strategies & Opportunities (SME & SC Sub-Pillar & IPO Forum) held on 10th June, 2022

EASTERN REGION

- Industry Interaction & Session on ACMA Capability Maturity Model 2021 held on 19th October, 2021
- Sharing of Best Practices Visit & Interaction with Ramkrishna Forgings Ltd held on 29th October, 2021
- Interactive Session with Mr. Sandeep Singh, MD, Tata Hitachi held on 14th February, 2022

NORTHERN REGION

- Special Interactive Session with Mr. Jeetender Sharma, MD, Okinawa Scooters (EV) held on 6th December, 2021
- Second Virtual Zonal Members Meet - Zone I (New Delhi, Haryana & Rajasthan) - 16th December 2021
- Special Interactive Session with Mr. V Sridhar, Sr. Director – Purchase, Honda Motorcycle & Scooter India Pvt. Ltd. held on 22nd January, 2022
- Webinar towards 'Atmanirbhar Bharat' Automotive Raw Material Localization (Steel) - 25th January 2022
- Special Interactive Session with Mr. Naveen Munjal, Managing Director, Hero Electric Vehicles Pvt. Ltd.- held on 24th February, 2022
- 11th ACMA Invitational Golf Tournament - 26th February 2022
- 1st ACMA FARM Equipment & Implements Localisation Expo (AFEILE) held in Ludhiana on 06th - 07th April, 2022
- EV Technology Show for Hero MotoCorp - 8 & 9 June 2022, Jaipur



TEMPORAL EVENT SENSES

SOUTHERN REGION

- Special Session on Export Logistics & Karnataka Hosur Meeting held on 10th August, 2021
- ACMA Panel Discussion on Coal Shortage & possible impending effect on Power & Raw Materials held on 22nd October, 2021
- Karnataka & Hosur Meeting held on 10th November, 2021
- Virtually held Membership Enhancement - TIEMA on 16th November, 2021
- Virtually held Membership Enhancement - SIEMA in 17th November, 2021
- Virtually held Membership Enhancement - FKCCI on 01st December, 2021
- Interactive session with Mr. Biju Balendran, MD, Renault Nissan Automotive India Pvt. Ltd. held on 5th February, 2022
- Karnataka & Hosur Meeting - 9th February 2022
- Chennai & nearby Members meeting held on 10th February, 2022
- Virtually held Membership Enhancement - Lucas TVS Suppliers on 14th February, 2022
- Virtually held Membership Enhancement - Rane Suppliers on 09th March, 2022
- Chennai & nearby Members meeting held on 10th March, 2022
- Karnataka & Hosur Meeting at IISc - 20th March 2022
- Membership Enhancement WABCO suppliers - 25th March 2022 (Virtual)
- Chennai and Nearby Members meeting - 12th May 2022

- Karnataka & Hosur Meeting held on 20th May, 2022
- Hyundai Tech Show held on 22nd to 23rd June, 2022
- Automotive Aftermarket Road Show, Nammakal, Tamil Nadu held on 25th to 26th June, 2022
- Special Session on the Impact on steel industry owing to the Rise in Export Duties & Karnataka Hosur Meeting held on 13th July 2022
- Special Session on the Impact on steel industry owing to the Rise in Export Duties & Chennai and Nearby Meeting held on 14th July, 2022

WESTERN REGION

- Special Interactive Session with Mr. Thomas Flack, President & CPO, TATA Motors Ltd. held on 21st October 2021
- Webinar on Sharing of Best Automotive Aftermarket Practices held on 28th October, 2021
- Webinar on Manufacturing Technology Capabilities held on 29th November, 2021
- Special Interactive Session with Mr. R Veeraraghavan, Head- Strategic Sourcing Unit for Auto & Farm Sector, M&M Ltd held on 10th December, 2021
- Special Interactive Session with Mr. Vinod Aggarwal, Managing Director and Chief Executive Officer, VE Commercial Vehicles Ltd : 19th January 2022
- 8th ACMA Invitational Golf Tournament held on 20th March, 2022
- Madhya Pradesh Auto Show, Bhopal held on 28th to 30th April, 2022
- Technology Show with TATA Motors Ltd., Pimpri, Pune held on 04th to 06th July, 2022
- EV Conference & Technology Display: Electric Mobility - Getting Ready for Adaptation By Transformation held on 10th August, 2022





ACMA PILLAR 2

GOVERNMENT AFFAIRS & STRATEGIC INITIATIVES

PILLAR STRUCTURE



KEY INITIATIVES

1. 1st National CFOs Summit 'Unsecured Financing Alternatives' held on 23rd February, 2022
2. Webinar on Foreign Cooperation Department, Haryana with Embassy of India in Vietnam held on 30th March, 2022
3. ACMA-SAP - Make Indian MSMEs Globally Competitive - The Global Bharat Program held on 19th August, 2021
4. Meeting with Additional Chief Secretary, Dr. EV Ramana Reddy on 21st October, 2021
5. Meeting with DIC Chennai and Additional Secretary to Govt on 19th July, 2022
6. 2nd ACMA (WR) CFO SUMMIT : 'Beyond Traditional Finance : Dynamic Changes in Finance Function on 4th March, 2022
7. 2nd Digital Summit: 'Digital Technology Enablement for Future Ready Business' (Conference & Technology Display) on 6th May, 2022
8. ACMA Chair, Co-Chair met with Mr Satyakam Arya, MD & CEO, Daimler & Head - SIAM Industry 4.0, held on 25th November, 2021
9. 2nd Digital Summit : " Digital Technology Enablement for Future Ready Business" - Conference & Technology Display on 06th May, 2022
10. ACMA- Infosys MoU signed to release the Digital Maturity Model on 15th July, 2022

PILLAR 2 - GOVERNMENT AFFAIRS & STRATEGIC INITIATIVES

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

ACTIVITY HIGHLIGHTS: 2021-22

EASTERN REGION

- Webinar on How to Eliminate Digital Blind Spots by Unifying machine & human intelligence held on 29th September, 2021

NORTHERN REGION

- CFO Forum Members' Interaction with ICICI Bank Customer Invoice Financing with Mr. Sarvesh Mittal, Relationship Manager - North ; Mr. Kunal Whig, Zonal Manager - North held on 08th October, 2021
- Virtual Meeting with CredAble on Alternate Financing Channels for Working Capital held on 18th November, 2021
- Virtual Session on Auto PLI (Preparation, Filling

Applications, Ground level Challenges) held on 25th November, 2021

- An Exclusive Roundtable on The IT Prerogative for Manufacturing held on 03rd February, 2022
- 1st National CFOs Summit 'Unsecured Financing Alternatives' held on 23rd February, 2022
- Webinar on Foreign Cooperation Department, Haryana with Embassy of India in Vietnam held on 30th March, 2022
- Virtually held Meeting with NR Digital Forum on 25th April, 2022
- Virtually held Meeting with CredAble & NR CFO Forum Chairman on 28th April, 2022
- 1st Meeting of NR CFO Forum held on 4th May, 2022
- Sharing of Best Practices with Mr. Ishaan Gupta, Vice Chairman - ENCO Engineers Combine Pvt. Ltd. held on 09th May, 2022
- Zonal Member Meet Uttar Pradesh & UP held on 31st May, 2022
- E-Certification Masterclass on Indirect Tax held on 1st June 2022
- Webinar on 'TDS on perquisites & benefits - Historical & practical perspective' held on 20th June, 2022

SOUTHERN REGION

- ACMA-SAP - Make Indian MSMEs Globally Competitive - The Global Bharat Program held on 19th August, 2021
- Meeting with Additional Chief Secretary, Dr. EV Ramana Reddy on 21st October, 2021
- ACMA Help Kiosk Session on Cyber Security held on 23rd October, 2021
- Meeting with Additional Chief Secretary, Dr. EV Ramana Reddy on 26th October, 2021
- ACMA Help Kiosk Session on Vehicle Recall Policy held on 18th February, 2022
- Inputs on the DIC, Ananthapuramu - District Export Action Plan - Meeting with Stake holders held on 12th July, 2022
- Meeting with DIC Chennai and Additional Secretary to Govt on 19th July, 2022
- Meeting with DIC Kanchipuram on 22nd July, 2022

WESTERN REGION

- Webinar on Overview of PLI Scheme held on 12th August, 2021





- Risk Management in Current Business Scenario held on 17th August, 2021
- ACMA-EY Session on 'Emerging aspects under Labour Codes & its Impact' held on 6th September, 2021
- Online certification program on Direct Tax on 7th September and 22nd September, 2021
- Webinar on PLI Scheme for Auto-Sector held on 12th October, 2021
- Interaction with Commissionerate & Local Authorities, Government of Gujarat on 17th November, 2021
- Virtual Session on Auto PLI (Preparation, Filling Applications, Ground level Challenges) held on 3rd December, 2021
- Webinar on Industrial IoT - from Belief to Certainty on 7th December, 2021
- Webinar on 'Proposed Labour Reforms through New Labour Code' held on 26th & 28th February, 2022
- 2nd ACMA (WR) CFO SUMMIT: 'Beyond Traditional Finance: Dynamic Changes in Finance Function' on 4th March, 2022
- Webinar on 'Technology Adoption & Digitalization – Key to success for Indian Automotive Suppliers' held on 11th March, 2022
- Webinar on 'Business Perspectives of Dealing with Contracts, Contractors and Contract Employees' held on 29th March, 2022
- 2nd Digital Summit: 'Digital Technology Enablement for Future Ready Business' (Conference & Technology Display) on 6th May, 2022
- 3rd Batch - Online GST Certification Programme held on 19th May to 8th June, 2022
- Online programme on Indian Accounting Standards (IND AS): Launch & Session – I, 17th August, 2022

DIGITAL INITIATIVES

- Sharing of Best Practices session - J K Fenner Digital Initiatives, held on 29th July, 2021
- ACMA-SAP webinar on Making Indian MSMEs globally competitive on 19th August, 2021
- Webinar on Eliminate Digital blind Spots by Unifying machine & human intelligence along with Digital Sub-pillar of ACMA, Knowledge Lens, on 29th September, 2021
- Help Kiosk on Cyber Security held on 22nd October (Southern Region)
- Webinar 4th Edition: Sharing of Best Practices of Digital

Initiatives, Anand Group on 2nd September, 2021

- Webinar – 5th Edition: Sharing of Best Practices of Digital Initiatives, Abilities India Piston & Rings Pvt. Ltd., on 29th September, 2021
- Webinar – 6th Edition : Sharing of Best Practices of Digital Initiatives, Minda Group, on 22nd October, 2021
- Webinar – 7th Edition of Sharing of Best Practices of Digital Initiatives, Bosch Ltd., on 19th November, 2021
- ACMA-VDA –GiZ collaboration meeting, 22nd November, 2021
- ACMA Chair, Co-Chair met with Mr Satyakam Arya, MD & CEO, Daimler & Head - SIAM Industry 4.0, held on 25th November, 2021
- SIAM-ACMA members discussion with IBM on Pricing, held on 25th November, 2021
- Webinar – 8th Edition of Sharing of Best Practices of Digital Initiatives_Varro Group, held on 6th December, 2021
- Webinar on Industrial IoT - from Belief to Certainty, held on 7th December, 2021 (Western Region)
- An Exclusive Roundtable on Transforming manufacturing with a Cloud right approach in Association with DXC held on 3rd February, 2022 (Northern Region)
- Webinar on 'Technology Adoption and Digitalization – Key to success for Indian Automotive Suppliers' held on 11th March, 2022 (Western Region)
- autoDX Session: Electronic Data Interchange(EDI) in India for the Automotive Industry held on 25th March 2022
- 2nd Digital Summit: "Digital Technology Enablement for Future Ready Business" - Conference & Technology Display on 06th May, 2022
- Virtually held Sharing of Best Practices with Mr.Ishaan Gupta, on 09th May, 2022, (Northern Region)
- ACMA-CISCO Meraki webinar on 01st July, 2022, (Southern Region)
- Sharing Best Practices - Mr Rajeev Mittal, 08th July 2022 (Western Region)
- ACMA- Infosys MoU signed to release the Digital Maturity Model on 15th July, 2022
- Possibilities- Imagination - Exploring B2B Digital Marketing with Tuhin Gosh, held on 04th August, 2022 (Southern Region)
- Sharing Best Practices- Mr Varadharajan, held on 26th August, 2022 (Southern Region)

UNION GOVERNMENT INTERACTION

- Meeting with Joint Secretary, Ministry of Heavy Industries regarding Pre-Budget recommendations/ suggestions for the year 2022-23 on 29th November, 2021
- Meeting with Revenue Secretary and key officials from Ministry of Finance regarding Pre-Budget recommendations/ suggestions for the year 2022-23 on 30th November, 2021
- Meeting with Ms. Jyoti Yadav, Deputy Secretary, Department of Commerce, Ministry of Commerce and Industry regarding TBT (Tariff Barriers to Trade) issues on India- Australia FTA on 3rd December, 2021
- Meeting with Mr. Prashant, Scientist, MeITY to discuss the semiconductor scheme on 21st December, 2021
- Meeting with Mr. Arun Goel, Secretary, Ministry of Heavy Industries regarding Vision @ 2047 on 7th January, 2022
- Meeting with Mr. Amit Yadav, DGFT, Ministry of Commerce and Industry regarding India- Australia Free Trade Agreement on 11th January, 2022
- Meeting with Indo-German Working Group on Automotive regarding discussions on the issues and bilateral engagements on 17th January, 2022
- Meeting with Additional Secretary, FT (NAFTA), Department of Commerce regarding India-CANADA CEPA Negotiations on 16th February, 2022
- Meeting with Hon'ble CIM in connection with the ongoing FTA negotiations with UK, EU and Canada on 14th May, 2022
- Meeting with Additional Secretary, Ministry of Heavy Industries for the examination of project Proposal for establishment of Industry Accelerator under the CG Scheme Phase II on 26th May, 2022
- Meeting with the Joint Secretary, Ministry of Heavy Industries to discuss the auto industry proposal under Vision 47 on 8th June, 2022
- Meeting with Ms. Jyoti Yadav, Deputy Secretary, Department of Commerce, Ministry of Commerce and Industry regarding TBT(Tariff Barriers to Trade) issues on India- UK FTA on 10th June, 2022
- Meeting with Shri Devesh Gupta, Director FT (Oceania) to discuss the market Access issues concerning export to New Zealand on 16th June, 2022
- Meeting with Ms Nidhi Mani Tripathi, JS (FT Europe,DoC) to firm up the negotiating position on the

request list of UK on 04th July, 2022

- Meeting with Shri Tapan Mazumder Addl DGFT, Department of Commerce to discuss the Export target set for Oceania Countries for 2022-23 on 5th July, 2022
- Meeting with Ms. Jyoti Yadav, Deputy Secretary, Department of Commerce, Ministry of Commerce and Industry regarding TBT (Tariff Barriers to Trade) issues on India- UK FTA on 14th July, 2022
- Meeting with Joint Secretary (Auto), Ministry of Heavy Industries regarding project review under FAME India Scheme on 28th July, 2022

REGULATION INITIATIVES

- ACMA submission on Draft Additional Airbags Notification issued by MoRTH on February, 2022
- Virtual Meeting with Secretary-DHI regarding creating regulatory framework for Scrappage centers & certifying Reusability of Spares and Critical Components on March, 2022
- ACMA & SIAM jointly submitted its representation to MoRTH and DHI on creating regulatory framework for certifying Reusability of Spares and Critical Components on April, 2022
- ACMA participated at the Thematic Group on Transport Air-conditioning constituted under the Ministry of Environment, Forest and Climate Change to discuss India Cooling Action Plan i.e. Phasing-out HFC's – on May, 2022
- ACMA virtually submitted its views on signing Wp.29 1958 Agreement to Ministry of Commerce on July, 2022
- Submitted ACMA representation on Draft Notification on BNCAP on July, 2022
- Participated at Meeting called by Ministry of Home Affairs (MoHA) to discuss potential Cyber Crimes and understand the standard formulation process on Cyber Security, under AISC Panel, July, 2022
- ACMA Members (Bosch, ZF, Continental, ZF Steering) are the conveners for a large number of Panels formulating standards for Autonomous Vehicles under the Working Group on Autonomous Vehicles-GRVA
- ACMA along-with Members continued its participation at various panels/ committees under the TED-BIS and AISC-ARAI to formulate/ amend/ revise Standards related to the Automotive Industry. These include Automotive Industry Standards Committee (AISC), CMVR-Technical Standing Committee (TSC), Steering

Committee on Emissions (SCOE) and other panels.

- Webinar on Awareness Session on Recall Norms: covering insights from Legal, Insurance and OEM's held on August, 2021
- Participation at AISC Panel on AIS-129 (End of Life Vehicles). Deliberations on Reusability, Recyclability, Recoverability of parts salvaged from ELVs: August, 2021 and March, 2022

- Meeting with BIS officials and Testing Centers to resolve administrative gaps in CMVR Requirements vis-à-vis QCO compliance w.r.t. wheel Rims on September, 2021
- Meeting with Delegation from JAPIA to share insights on Regulatory Matters on December, 2021
- Workshop with ARAI to understand the work done by AISC Panel on BNCAP on March, 2022

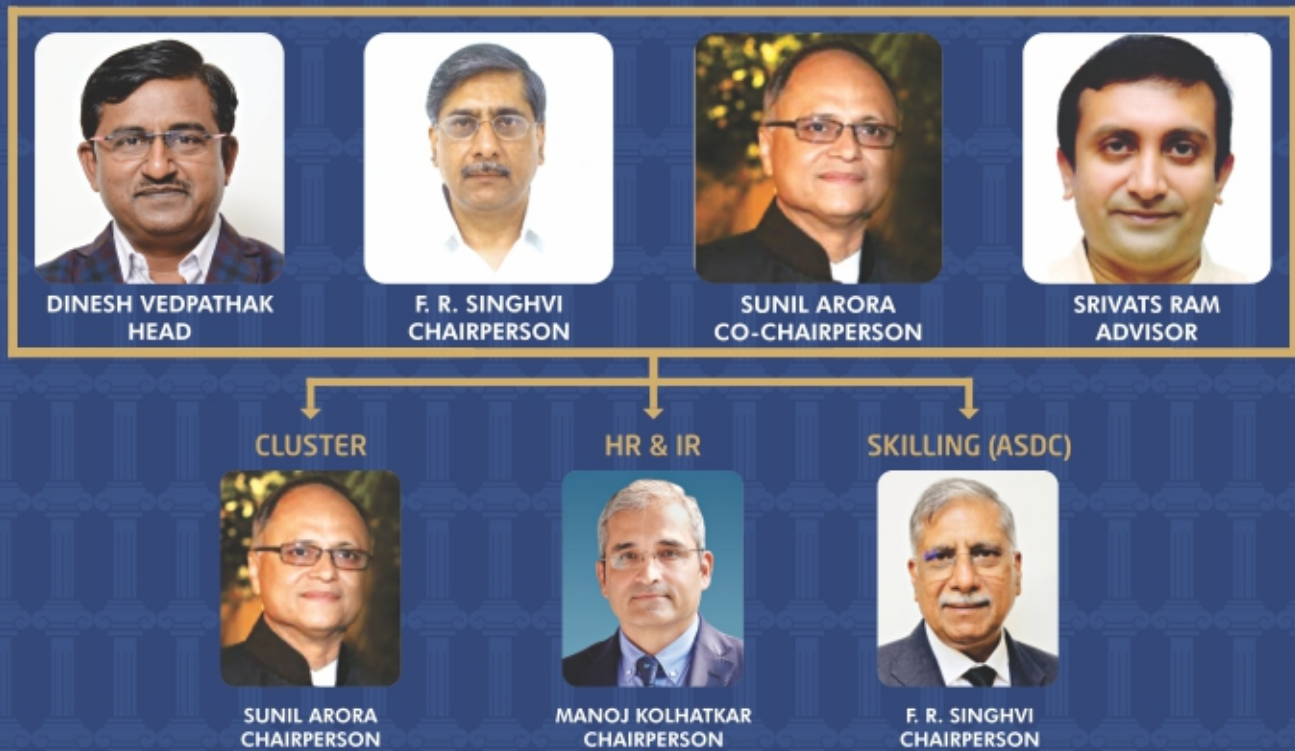




ACMA PILLAR 3

SKILLING & MENTORING

PILLAR STRUCTURE



KEY INITIATIVES

1. ACMA Mentorship Program & Roadmap for SMEs Companies Interactive Session held on 22nd November, 2021
2. 2nd Annual Regional Safety Convention held on 11th March, 2022
3. RC Interaction with Mr. R Venkatanarayan, Group President, Rane Group on 25th March, 2022
4. 2nd QC Competition held on 29th July, 2022
5. 10th HR Conclave - Future Ready HR - Curating The Talent & Industry Landscape held on 23rd October, 2021
6. 19th Northern Region QC Competition held on 29th June, 2022
7. Toyota-ACMA joint Virtual Training program on Cost Competitiveness (Shitsujitsu Goken) held on 9th September, 2021
8. ACMA First Virtual 5S Competition held on 8th October, 2021
9. TOYOTA - ACMA Joint Virtual training program on Ji Koutei Kanketsu (Built in Quality) held on 25th & 26th November, 2021
10. Virtually held 13th ACMA SR Regional KAIZEN Contest on 17th December, 2021
11. Hanon visit to Toyota Skill centre on 18th March, 2022
12. 16th ACMA National Quality Circle held on 20th August, 2021
13. 13th ACMA Annual HR Summit : HR Transformation-Global Business Driver held on 13th January, 2022
14. 4th Indoor Games Competition held on 09th January, 2022

PILLAR 3 - SKILLING & MENTORING

INTRODUCTION

The objectives of the pillar includes:

- To engage with all ACMA members to
 - o assess and certify
 - o Support to achieve improvements from current status to reach to higher levels.
 - o 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: 2021-22

EASTERN REGION

- Training Session on 'Time Management Skills' held on 10th August, 2021
- Virtual training Programme on 'Statistical Process Control (SPC)' on 27th August, 2021
- Training Program on Process Capability Analysis held on 24th September, 2021

- 2nd Regional Quiz Competition on 5S held on 28th October, 2021
- ACMA Mentorship Program & Roadmap for SMEs Companies Interactive Session held on 22nd November, 2021
- Business Concepts of Marketing & Finance for Operations Personnel held on 23rd November, 2021
- 9th Regional Kaizen Contest held on 10th December, 2021
- Session on Productivity Improvement - Concepts & Techniques on 22nd December, 2021
- Training Program on Zero Base Budgeting (ZBB) on 17th January, 2022
- How to carry out Systematic Root Cause Analysis: Training Session on 7QC Tools on 28th January, 2022
- 2 Day Program on Manufacturing Process Cycle Time & Cost Reduction through Parameter Design & Optimization held on 14th & 15th February, 2022
- Online session on Inventory Management held on 22nd February, 2022
- 1st Regional POKA-YOKE competition held on 24th February, 2022
- 2nd Annual Regional Safety Convention held on 11th March, 2022
- RC Interaction with Mr. R Venkatanarayan, Group President, Rane Group on 25th March, 2022
- Training Session on Design of Experiments (DOE) on 19th April, 2022
- Online Exposure Program on HR Analytic held on 29th April, 2022
- One day workshop on Total Employee Involvement & Team Building held on 17th May, 2022





TRAINING

SKILL

DEVELOP

- Quiz Competition on Lean Manufacturing Concepts held on 25th May, 2022
- Online training on Pride at Work held on 20th & 21st June, 2022
- Training Session on Advance 7QC Tools and the Seven Management tools held on 29th June, 2022
- 2nd QC Competition held on 29th July, 2022

NORTHERN REGION

- "E-Certification Program on IoT (Internet of Things) held on 20th & 22nd October, 2021"
- 10th HR Conclave - Future Ready HR - Curating The Talent & Industry Landscape held on 23rd October, 2021
- E-Certification Program on 8D (Eight Disciplines of Problem Solving) held on 27th & 28th October, 2021
- Examination & Certification Ceremony of 20th Batch of Six Sigma Black Belt Certification Program held on 13th November, 2021
- Two Days E-Certification Program on Productivity Enhancement held on 18th & 19th November, 2021
- Two Days E-Certification Program on Productivity Enhancement held on 25th & 26th November, 2021

- 7th Regional Kaizen contest held on 30 November, 2021
- Manufacturing Process Cycle time & Cost reduction through Parameter Design & Optimization held on 07th & 08th February, 2022
- 3 Days Training Program on Building Robust Process Design using Process FMEA held on 09th & 11th February, 2022
- Training Program On Advancement & Application of Plastic Engineering held on 15th & 16th March, 2022
- NR HR Core Group at Gabriel India Ltd. Gurugram held on 11th March, 2022
- 4th PoKa - YoKe & 8th SMED Competition held on 25th March, 2022
- Launch & First Module - 21st Batch Six Sigma Black Belt Certification Program (Level 1) held on 11th & 13th April, 2022
- Training Program on Lean Methods held on 28th & 29th April, 2022
- Module 2 - 21st Batch of Six Sigma Black Belt Certification Program (Level 1) held on 11th & 12th May, 2022
- One Day Training Program on APQP held on 13th May, 2022



- One Day Training Program on COPQ held on 14th June, 2022
- One Day Training Program on Energy Auditing held on 12th July, 2022
- 6th Zonal QC Competition - Uttarakhand Zone held on 22nd June, 2022
- 19th Northern Region QC Competition held on 29th June, 2022

SOUTHERN REGION

- Batch 1: 2021 TKM-ACMA joint Virtual Training program on Kanban in Supply Chain held on 6th August, 2021
- Batch 2: TKM - ACMA joint Virtual Training program on Kanban in Supply Chain held on 11th August, 2021
- Batch 3: TKM-ACMA joint Virtual Training program on Kanban in Supply Chain held on 19th August, 2021
- Batch 4: TKM-ACMA joint Virtual Training program on 4M Management held 24th on 25th August, 2021
- Batch 4: TKM-ACMA joint Virtual Training program on Kanban in Supply Chain held on 27th August, 2021
- Batch : 02 TKM-ACMA joint Virtual Training program on 4M Management held on 31st August & 1st September, 2021

- Virtual Training Program on 8D Problem solving technique held on 9th September, 2021
- Toyota-ACMA joint Virtual Training program on Cost Competitiveness (Shitsujitsu Goken) held on 9th September, 2021
- Batch 3: TKM-ACMA joint Virtual Training program on 4M Management held on 13th & 14th September, 2021
- Batch 1: Toyota-ACMA joint Virtual Training program on Eliminate MUDA in Daily Jobs held on 24th September, 2021
- Batch 2: Toyota-ACMA joint Virtual Training program on Eliminate MUDA in Daily Jobs held on 29th September, 2021
- Batch 3: Toyota-ACMA joint Virtual Training program on Eliminate MUDA in Daily Jobs held on 6th October, 2021
- ACMA First Virtual 5S Competition held on 8th October, 2021
- Toyota-ACMA Joint Virtual Training on Standardization held on 22nd October, 2021
- Batch 1: TOYOTA - ACMA Joint Virtual training program on Just in Time held on 12th November, 2022
- Batch 2: TOYOTA - ACMA Joint Virtual training program on Just in Time held on 19th November, 2021



- TOYOTA - ACMA Joint Virtual training program on Ji Koutei Kanketsu (Built in Quality) held on 25th & 26th November, 2021
- ACMA Special session on Talent development - a new perspective held on 25th November, 2021
- Batch 3: TOYOTA - ACMA Joint Virtual training program on Just in Time held on 3rd December, 2021
- Virtually held 13th ACMA SR Regional KAIZEN Contest on 17th December, 2021
- Toyota – ACMA Joint Virtual Training Program on Industrial Application of Limits, FITS and Tolerance held on 20th January, 2022
- 3rd HR Competition held on 21st January, 2022
- Best Practices sharing on Industry: Sansera Engineering Ltd ,Virtual Platform held on 23rd February, 2022
- ACMA - 11th SMED & 6th Poka Yoke held on 25th February, 2022
- ACMA SR Regional Safety Convention held on 18th March, 2022
- Hanon visit to Toyota Skill centre on 18th March, 2022
- Lucas-TVS Ltd - Lean Implementer Training , (1st Batch & 2nd Batch) held on 25th April & 30th April, 2022
- Certification training programme on 7 QC Tools held on 29th April, 2022
- 4 days Online certification program on 'Manufacturing Process Cycle Time & Cost Reduction Through Parameter Design & Optimization held on 15th & 16th and 29th & 30th April, 2022
- TOYOTA - ACMA Joint Event 4 Days – (Physical) Program on Manager Development Level 1 & Level 2 held on 05th & 06th May
- Certification program on Effective New Product Development Process held on 12th May, 2022, New Delhi, and in Bagaluru on 12th May, 2022
- "Lean Implementation program at J K Fenner (India) Ltd., Chennai Plant & Madurai Plant on 18th & 19th May and 20th & 21st – 24th to 27th May 2022"
- 1st Competition on Low Cost Automation held on 21st May, 2022
- Training Programme on New Product Development (NPD) held on 27th May, 2022 at New Delhi, and in Chennai on 27th May, 2022

- Training program on Problem Solving Techniques - Victora Auto Pvt Ltd held on 01st June & 2nd June, 2022
- 3rd ZONAL Kaizen Contest (Karnataka & Hosur) held on 16th June, 2022
- TKM Team - 1st review - J K Fenner (India) Ltd., Sriperumbudur, 22nd July, 2022
- 17th QC Competiton, Radha Regent, Arumbakkam, Chennai, 23rd July, 2022
- TOYOTA-ACMA- Joint Event Ji Koutei Kanketsu (JKK) – Built-in-Quality with Ownership held on 28th July, 2022

WESTERN REGION

- In - House training on Welding Technology, Windals Precision Private Limited held on 05th & 08th August, 2021
- Online training on Machining Technology held on 17th & 21st August, 2021
- 16th ACMA National Quality Circle held on 20th August, 2021
- Online Training on 'Global 8 Disciplines - G8D' held on 21st September, 2021
- Online Certification Programme on IATF 16949 Core Tools (APQP, PPAP, MSA, SPC & FMEA) held on 4th, 6th, 8th, 11th & 13th October, 2021
- Online 'Plastics - Professional Development Program' held on 20th & 23rd October, 2021
- Online training on 'Improving Managerial Proficiencies in Challenging Business Scenario' held on 29th -30th October, 2021
- Online Training Program on 'Emotional Intelligence' on 23rd November, 2021
- 8th ACMA WR Zonal Kaizen Competition - Gujarat held on 26th November, 2021
- Online Training on 'Purchase & Procurement Management' held on 27th & 29th November, 2021
- Online Training on 'Pride @ Work' held on 17th & 18th December, 2021
- 2nd HR Best Practices Competition held on 21st December, 2021
- Virtually held 12th Kaizen Competition held on 22nd & 23rd December, 2021





- 4th Indoor Games Competition held on 09th January, 2022
- 13th ACMA Annual HR Summit : HR Transformation-Global Business Driver held on 13th January, 2022
- Virtually held 2nd ACMA National Kaizen Competition held on 25th January, 2022
- Online Training on 'Enhancing the value of end product using Value Engineering Methodology' held on 29th & 31st January, 2022
- Online Training on Proposed Labour reforms through new labour code held on 26th & 28th February, 2022
- 6th ACMA Best Practices Competition held on 9th & 10th March, 2022
- Online Training on 'Manufacturing Process Cycle time & Cost reduction through Parameter Design & Optimization' held on 3rd-4th & 24th-25th March, 2022
- Webinar on 'Business Perspectives of Dealing with Contracts, Contractors and Contract Employees' held on 29th March, 2022
- Professional Development Programme on Electric Vehicle (EV) & Hybrid Vehicle (HV)' held on 07th & 12th April, 2022

- Webinar on 'Emotional Intelligence for Effective Customer Interface' held on 29th April, 2022
- Online Training on Problem solving through application of Shainin techniques held on 2nd-3rd May 2022, 16th-17th May 2022, 30th-31st May 2022 & 3rd June, 2022
- Virtually held 2nd Six Sigma Competition held on 18th May, 2022
- Online workshop on 'Improve Bottom Line Through HR Analytics' held on 09th & 10th June, 2022
- 7th Gujarat Zonal Quality Circle Competition held on 10th June, 2022
- Online Training on Non-Statistical method to find Process Capability & Monitoring method held on 27th & 28th June, 2022
- 17th Quality Circle Competition held on 22nd July, 2022
- Online Training on 'Global 8 Disciplines - G8D' held on 25th August, 2022

CLUSTER PROJECTS

- 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 ZDQ Project at Lucas TVS, Padi on 20th November, 2021
- Launch of ACMA Turnaround Project 2021 (SANKALP) at Emdet Jamshedpur Pvt. Ltd., Faridabad on 3rd December, 2021
- Launch of ACMA Turnaround Project 2021 (SANKALP) at Multitech Auto Pvt. Ltd., Jamshedpur on 10th December, 2021
- Launch of ACMA Turnaround Project 2021 (SANKALP) at Emdet Jamshedpur Pvt. Ltd., Jamshedpur on 11th December, 2021
- Launch of ACMA Turnaround Project 2021 (SANKALP) at Samarth Engineering Company Pvt. Ltd., Jamshedpur on 13th December, 2021
- Launch of ACMA Turnaround Project 2021 (SANKALP) at Sudisa Foundry (P) Ltd., Jamshedpur on 14th December, 2021
- Launch of ACMA Turnaround Project 2021 (SANKALP) at Metaldyne Industries Ltd., Jamshedpur on 14th December, 2021
- Launch of Productivity Assessment & Improvement for Dana Corporation, Noida on 24th December, 2021
- Launch of Productivity Assessment and Improvement for Dana Corporation, Kolhapur on 28th December, 2021
- Launch of Special Program for Quality Performance Enhancement at Hitech Corporation Ltd. (10 Plants) in PAN India in December, 2021
- Launch of ACMA Turnaround Project 2021 (SANKALP) at Marathon Heater (I) Pvt. Ltd., Udaipur on 4th January, 2022
- Launch of TVS Motors Supplier Cluster on 25th March, 2022
- Launch of Jumps Auto Automation Cluster on 27th April, 2022
- Launch of Manufacturing Performance Improvement for IP Rings, Chennai on 4th May, 2022
- Launch of Machine Mold Maintenance Program at SACL, Hosur on 13th May, 2022
- Launch of Machine Mold Maintenance Program at SACL, Chennai on 13th May, 2022
- Launch of Dana Productivity Hand Holding Project, Noida on 1st June, 2022
- Launch of Dana Productivity Hand Holding Project, Kolhapur on 1st June, 2022
- Launch of Performance Enhancement Project Mutha Spherocast, Satara on 13th June, 2022
- Launch of Improvement Culture Program for Metalman Auto, Pithampur on 22nd July, 2022







ACMA PILLAR 4

START-UP's & STRATEGIC PARTNERSHIP

PILLAR STRUCTURE



AMIT MUKHERJEE
HEAD



ANJALI SINGH (W)
CHAIRPERSON



LAXMI VENU (S)
CO-CHAIRPERSON



JAYANT DAVAR (N)
ADVISOR

KEY INITIATIVES

1. Virtually held 1st & 2nd round of discussions with 2 start-ups from Smart Manufacturing and E-Mobility on 21st August, 2021

2. Virtually held Leadership Lesson 7 with Mr. Nishant Arya, Vice Chairman, JBM Group: 17 February, 2022

3. 2nd edition of Auto Technology Partnership Summit & Expo held on 23rd & 24th March, 2022

4. ACMA-PwC Auto & Mobility Start-up Connect Initiative: 3rd round of discussion with Bangalore based startup - E-mobility: 2 March, 2022

5. Information booth at Autopromotec, Italy held on 24th & 28th May, 2022

6. Presentation during Association in Motion meeting (meeting of Aftermarket counterpart Associations), Bologna held on 26 May, 2022

7. ACMA Delegation to United Kingdom from 01 & 05 August, 2022

PILLAR 4 - START-UP's & 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.

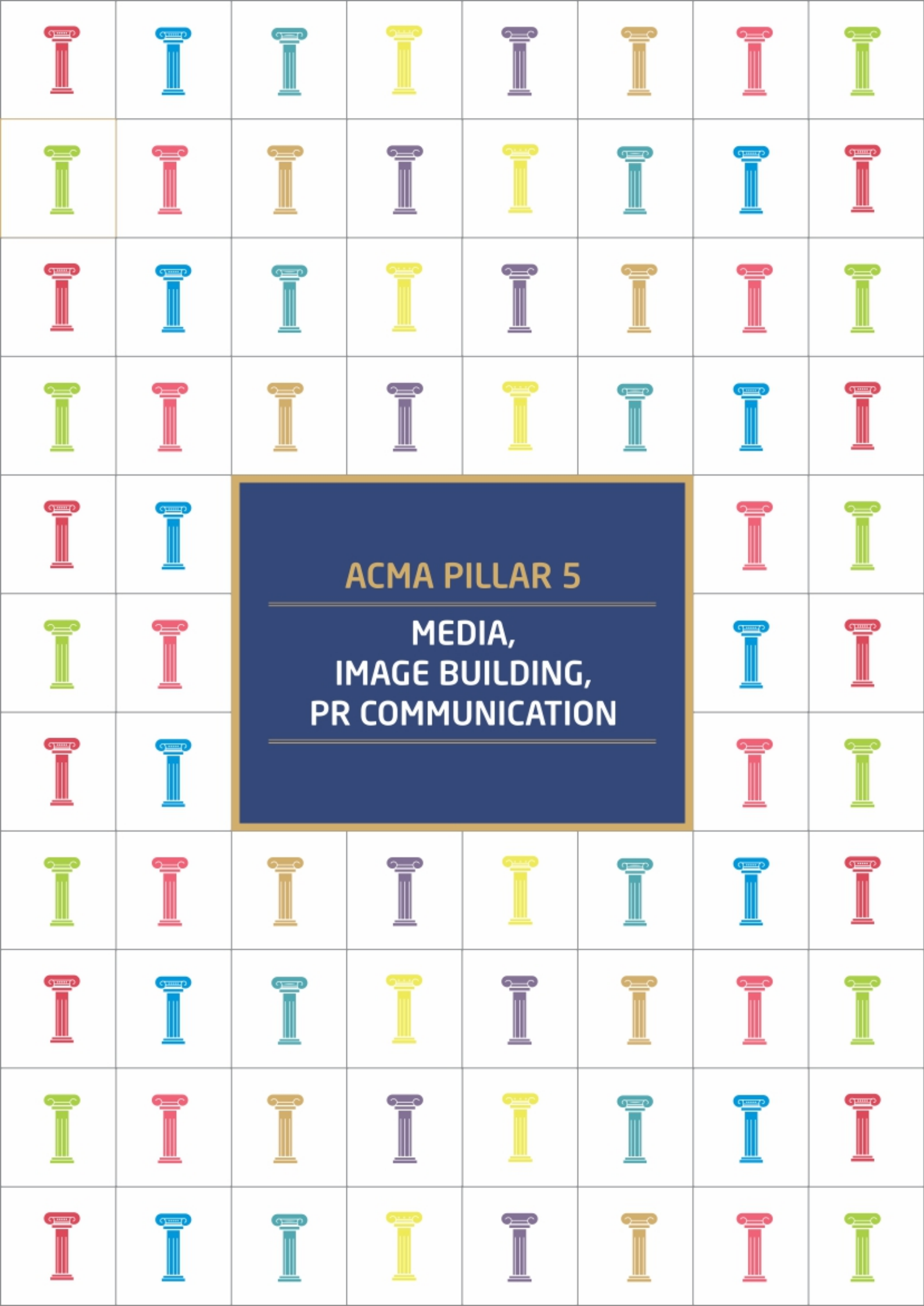
ACTIVITY HIGHLIGHTS: 2021-22

- Virtually held 1st & 2nd round of discussions with 2 start-ups from Smart Manufacturing and E-Mobility on 21st August, 2021
- Virtually held ACMA-PwC Auto & Mobility Start-up Connect Initiative: 2nd round of discussion between members and start-ups on 27th August, 2021
- Virtually held ACMA-PwC Auto & Mobility Start-up Connect Initiative: Start-ups of choice for 1st meeting on 08th September, 2021
- Virtually held ACMA-PwC Auto & Mobility Start-up Connect Initiative: 1st and 2nd round of discussion with 6 start-ups from the E-Mobility space: 29-30 September, 2021
- Virtually held ACMA-PwC Auto & Mobility Start-up Connect Initiative: 1st round of discussions with 8 start-ups from the Smart Manufacturing space on 19th & 20th October, 2021

- Virtually held 1st series of the playbook – Panel discussion on Strategic Partnerships in North America on 25th October, 2021
- Virtually held Leadership Lesson – 6: In conversation with Mr. Arvind Balaji, Joint Managing Director, Lucas-TVS Ltd. on 'Need for Indigenous Innovation & R&D' on 27th October, 2021
- Virtual Launch of ACMA Mentorship Program on 27th October, 2021
- 2nd series of the playbook – Panel discussion on Strategic Partnerships in South & East Asia, Japan, Korea held on 08th November, 2021
- Virtually held 1st round of discussions between Mentors, Mentees and Knowledge Partner-ACMA Mentorship Program: October-March, 2022
- Virtually held ACMA-PwC Auto & Mobility Start-up Connect Initiative: 1st round of discussions with Startups in connected and autonomous on 11th & 12th January, 2022
- Virtually held ACMA-PwC Auto & Mobility Start-up Connect Initiative: 2nd round of discussions with Startups in connected & autonomous held on 27th & 28th January, 2022
- Virtually held Leadership Lesson 7 with Mr. Nishant Arya, Vice Chairman, JBM Group: 17 February, 2022
- ACMA-PwC Auto & Mobility Start-up Connect Initiative: 3rd round of discussion with Bangalore based startup - E-mobility: 2 March, 2022
- Virtually held ACMA-PwC Auto & Mobility Start-up Connect Initiative: 1st round of discussions with international Start-ups on 08th & 09th March, 2022
- 2nd edition of Auto Technology Partnership Summit & Expo held on 23rd & 24th March, 2022
- Virtually held ACMA-PwC Auto & Mobility Start-up Connect Initiative: 2nd round of discussions with international Start-ups held on 05th & 6th April, 2022
- ACMA-PwC Auto & Mobility Start-up Initiative - Plenary event and launch of the 2nd edition held on 13th April, 2022
- Information booth at Autopromotec, Italy held on 24th & 28th May, 2022
- Presentation during Association in Motion meeting (meeting of Aftermarket counterpart Associations), Bologna held on 26 May, 2022
- Virtually held 1st workshop on 2nd ACMA-PwC Auto & Mobility Start-up Initiative held on 08th June, 2022
- ACMA Delegation to United Kingdom from 01 & 05 August, 2022



STRATEGIC
PARTNERSHIP



ACMA PILLAR 5

MEDIA,
IMAGE BUILDING,
PR COMMUNICATION

PILLAR STRUCTURE



VINNIE MEHTA
HEAD



SUNJAY J KAPUR
CHAIRPERSON

PILLAR 5 - MEDIA, IMAGE BUILDING, PR COMMUNICATIONS

INTRODUCTION

The objectives of the pillar includes:

- To support 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

COPING WITH VUCA

Suppliers change gear to thrive in a VUCA world

Despite necessary growth inhibiting factors, a resilient component industry records 65 percent growth in FY2022 and is cautiously optimistic about the near-to mid-term future. *Mayank Dhillon reports.*

The resilience of the automobile and component industries is an increasingly common sight with suppliers bracing the storm of VUCA. 2020 has been a difficult year for India supplier, having faced multiple challenges – be it the ongoing supply chain constraints, inflationary pressures and resultant increase in consumer demand.

It is a fact that the automotive industry would have been hit hard by the globalised economic crisis in 2008. However, the industry managed to recover and emerged stronger. This, in turn, has helped the industry to build a resilient supply chain and a strong customer base. The industry is now in a position to cope with the challenges of the VUCA world.

The resilience of the automotive industry is a testament to the industry's ability to adapt and overcome challenges. The industry is now in a position to cope with the challenges of the VUCA world.

SUNJAY J KAPUR
President, ACMA and Chairman, India Component

ALMA ATMANIRBHAR EXCELLENCE AWARDS & TECHNOLOGY SUMMIT

Driving Mobility through Technology, Digitization & Sustainability

16th March, 2022 New Delhi

ACMA

Auto parts sector all set for EV shift

The auto parts sector is all set for an EV shift. The industry is now in a position to cope with the challenges of the VUCA world.

SUNJAY J KAPUR
President, ACMA and Chairman, India Component

Industry Talk

With ACMA Leadership

IN AN UPFRONT INTERACTION WITH THE ACMA LEADERSHIP, PRESIDENT SUNJAY KAPUR AND DG VINNIE MEHTA DISCUSS THE CURRENT STATE OF THE SUPPLIER ECOSYSTEM WITH SUMESH SOMAN.

"New Mobility Is A Great Open Space For The Component Industry To Play"

ACMA's Sunjay Kapur on auto-component sector's preparedness for EV shift

President, ACMA and Chairman, India Component

SUNJAY J KAPUR

Auto parts sector all set for EV shift

The auto parts sector is all set for an EV shift. The industry is now in a position to cope with the challenges of the VUCA world.

SUNJAY J KAPUR
President, ACMA and Chairman, India Component

FUTURE OF MOBILITY: TRANSFORMING TO BE AHEAD OF THE OPPORTUNITY



4th ACMA Aftermarket Expo – North-East commences in Guwahati

December 10, 2021 / motorindia



Success is not a question but of agility. We pioneer motion.

Automotive Component Manufacturers Association of India (ACMA) 4th ACMA Aftermarket Expo – North East. The two-day event is being organised by Commerce & Industry, Government of India at the Maritim Dewan T. the Guwahati Motor Parts Traders Association (GMTA).

'Auto ancillaries moving towards EVs, green mfg'



The ACMA Aftermarket Expo – North East serves as an ideal platform for business development and collaboration between the exhibitors and the dealers from the seven North-Eastern states of India. In this edition of the Aftermarket Expo, 50 leading auto component manufacturers will showcase genuine aftermarket and safety critical products. M domestic and international buyers from neighbouring countries are expected to participate in the expo. The Expo enables quality auto component manufacturers to showcase their products and establish their presence in the region.

Auto Components Industry Likely to Grow 10-15% in FY22: ACMA

Strong Indian contingent at Automechanika Dubai 2021

December 15, 2021 / motorindia



Rajkumar Thangaraj, Consul General of India in Dubai inaugurating the EEPIC India and ACMA India managed India Pavilion at Automechanika Dubai 2021

ET Auto.com
From The Economic Times

News Features Industry Speak Dealers Data & Analytics ETAutoTV Brand Solutions

Passenger Vehicle Auto Components Commercial Vehicle Future of Auto Engineering Two Wheeler

Auto News / Latest Auto News / Auto Components

Indian auto ancillaries are changing gears towards EVs, future technologies

ACMA IN ELECTRONIC MEDIA

AUTO PLI SCHEME: GOVT NOD
Champion Cos: ₹2,000 Cr Investment in 5 Yrs

AUTO SECTOR: SWOT ANALYSIS
Strengths
- Mass market lower value low technology products

MOTOWN SENTIMENT
Auto Industry Quizzes Heavy Ind Secy On The PLI Scheme

ET NOW
EARNINGS VISIBILITY ON EV ORDER BOOK
SONA COMSTAR

Company	EV	EV	EV	EV
Sona	22%	22%	22%	22%
Comstar	22%	22%	22%	22%
EV	22%	22%	22%	22%
EV	22%	22%	22%	22%

Earnings With ET NOW | EV revenue mfg motorindia | Sunita Kaur, Sona Comstar

सेमीकंडक्टर की कमी से परेशान ऑटो सेक्टर

TOP NEWS

बाजार में कारोबार

ऑटो एंसिलरी शेयरों का प्रदर्शन

शेयर	MTD रिटर्न (%)
Rajratan Global Wire	44.4
JBM Auto	32.5
Varroc Engineering	26.8
Minda Corporation	13

NIFTY PSU GAINERS

Company	Price	Change
J&K BANK	42.90	1.18%
BANK OF BARODA	92.80	0.05%

पीएलआई स्कीम, SMEs के लिए कैसे अवसर?

ZEEL BUSINESS

ACMA A

ANCE AWARD

Driving Mobility through Technology

Slips in Trade

Index	Value	Change
UPL	771.30	1.32%

चेयरमैन, सोना कॉमस्टार

MSMEs कैसे बनाएं स्ट्रेटजी?

**ACMA**

PUBLICATIONS

ACMA regularly publishes the following newsletters:

AUTO NEWS,

Published every two months and covers industry related updates and the association's activities over the period under review



IMPACT,

Published every quarter by the ACMA Centre of Excellence (ACoE). It covers the centre's activities and gives insights into best global practices for productivity, quality, technology and profitability

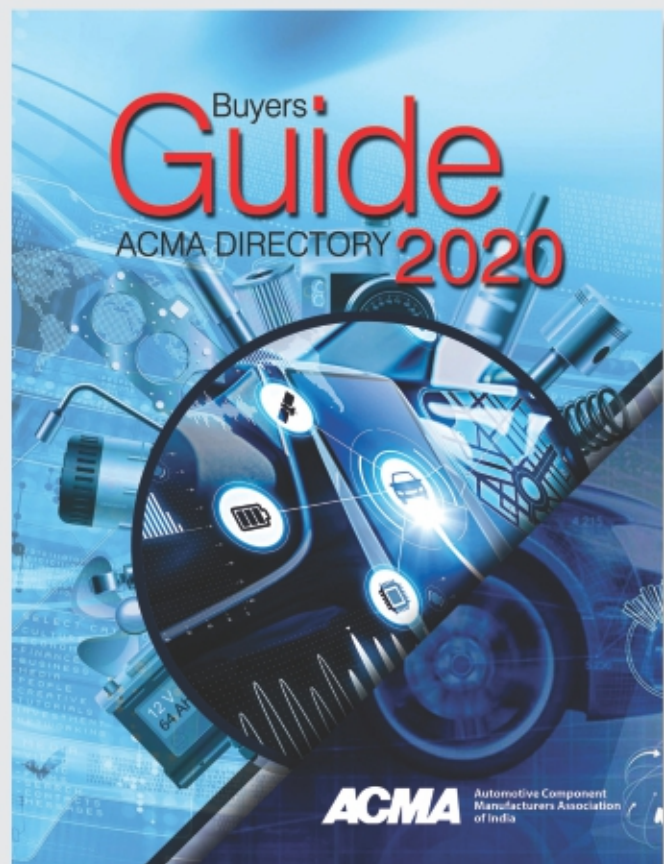


SAKSHAM SAMVAD:

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.

ACMA Buyers Guide,

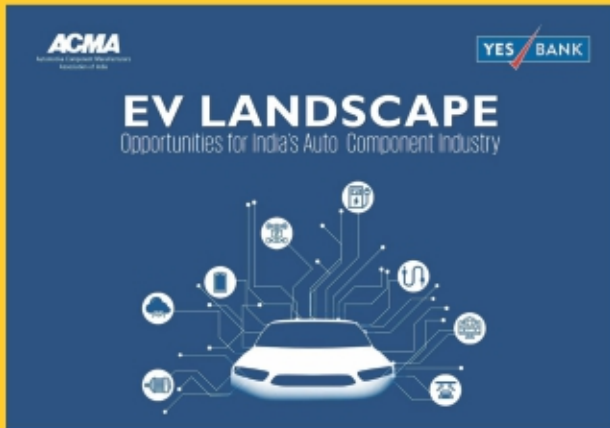
The 35th edition of the **ACMA Buyers Guide**, profiles the auto component manufacturers in India and is the most authentic source of information on over 800 ACMA members.





In addition, there were certain major studies undertaken during 2021-22.

ACMA-YES Bank EV LANDSCAPE Report



- The joint study dives into each EV component segment and presents insights on component market size projections, drivers, value chain, general manufacturing capabilities, import dependencies, competitive intensity and technology & industry trends. Each component section concludes with short-medium-long term recommendations for auto component manufacturers.
- The report further offers insights to our members encouraging their action towards actualizing this opportunity of making India an EV & EV component manufacturing hub.
- It projects that e2W and e3W are leading India's EV revolution and are expected reach 9.9 million and 0.5 million in annual sales by FY31. e4W are expected to gain momentum in the medium-term to reach 0.56 million in FY31.

- The anticipated growth in the electric vehicles, there is immense potential for component makers. Traction Motor and controller, which along with the battery and power electronics components replace ICE engine, would be a \$2.8 bn market in FY31. Battery & associated components would a huge segment with market size upwards of \$3.6 bn by FY31. Tapping the export markets would be a multiplier to this opportunity.

pwc-ACMA Living with Volatility: Survival, Revival and Growth

- ACMA and PwC conducted a joint study to understand how Indian automotive industry is learning to thrive under ever-changing business environment. The study stressed on the need to become more agile, flexible and customer focused to succeed in the new normal. According to the study, the key elements for the survival of the auto component industry is to become financially prudent and efficiently manage the risks. The revival in the industry needs investment towards digital transformation, leadership development, enhanced capabilities, agility in supply chain and stabilize manufacturing as per the demand.



- The growth in the industry is expected to come at the back The CASE disruption, new markets for exports and aftermarkets, focus on innovation and evaluating trade-offs to arrive at future product categories. The study also highlighted that companies with robust financial management capabilities and a focus on growing value added per employee and strong alliances with suppliers and customers will emerge successful. In addition, the report predicts that the Indian automotive and component industry will continue to see a sharp recovery over FY22-FY23. Over the next decade, the industry is likely to maintain a healthy growth trajectory, but it may face high-frequency volatility in the market.

Compendium of Papers 2021



Automove component suppliers will need to transform to Live with volatility

- The study shows that, Automotive suppliers will need to change their operating model to be agile, flexible and customer focused to succeed in this environment, they need to have robust financial management capabilities, focus on growing value added per employee and strong alliances with suppliers and customers will emerge successful.
- Attracting and retaining top talent, building, and nurturing a core leadership and separating ownership from company management were some of the other best practices that will help companies thrive in volatility.
- The years that lie ahead are exciting but also full of challenges. 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 me to embrace the change and accelerate into the new future.





FUTURE READY
INITIATIVES
YBLF / ACoE

YBLF STRUCTURE



ECKTA
HEAD



YUVRAJ KAPURIA
NATIONAL COORDINATOR



NIRMAL K MINDA
ADVISOR

ACoE STRUCTURE



DINESH VEDPATHAK
HEAD



ASHOK K TANEJA
ADVISOR

YOUNG BUSINESS LEADERS FORUM

NEW INITIATIVES

1

Workshop on Lean, Mean & Bottom Line Green held on 26th July, 2021



Workshop on Co-Learning Series held on 19th & 20th August, 2021

2

3

Workshop on Wealth Creation & Management on 23rd October, 2021

WEALTH CREATION



YBLF Visit to Bengaluru on 16th & 17th November, 2021

4

FUTURE OF MOBILITY:
TRANSFORMING TO BE AHEAD
OF THE OPPORTUNITY

5

Peer to Peer Learning Session on Aftermarket:
The 'Cannot be Ignored' Strategy held on
03rd December, 2021



Workshop on Peer to Peer Learning Session
on EV... Buzz or Reality
held on 25 February, 2022

6

7

Gemba Visit and 2-Days Training at
TKM, Bengaluru held on 22nd &
24 March, 2022



Interaction and Fireside Chat with Mr. Sunjay
Kapur held on 20th April, 2022

8

9

YBLF members visit to Pune held on
20th May, 2022



ACMA CENTRE OF EXCELLENCE (ACoE)

ACoE ACTIVITIES

- Virtual sustainable manufacturing practices through resource efficiency and circular economy initiatives on 4th August, 2021
- Virtual digitalize automotive component development process with PLM on 6 August, 2021
- Virtual prototyping for automotive suppliers - to accelerate electrical designs on 19th August, 2021
- Virtual save & optimize costs for sheet metal on 24 August, 2021
- Physical training & certification course on mechatronics - factory automation (exploring factory automation with live demonstrations) from 25th August to 27th August, 2021
- Virtual three sessions on manufacturing brush-up training - for the Indian automotive component manufacturers from 15th September & 13th October, 2021
- Virtual adopting smart integrated 3d printing in manufacturing on 21st September, 2021
- Virtual fast-track ideas into production with 3d printing and software solutions for the automotive industry on 22nd September, 2021
- Virtual project management challenges & competence development in automotive industries... the IPMA solutions! 29th September, 2021
- Virtual achieve greater manufacturing productivity & efficiency with PTC - IIOT & AR technology on 21st October, 2021
- Virtual introducing the government of Japan's skill development initiative/subsidies for Japanese and Indian/Japanese JV companies in India on 27th October, 2021
- Virtual mechanical testing solutions for e-mobility on 29th October, 2021
- Virtual learn to implement KANBAN 23rd November, 2021
- Virtual A to Z of manufacturing - creating champions on 25th November, 2021
- Virtual 4 days certification for project management level -c certification by international agency IPMA 25 Nov - 17th Decemeber, 2021
- Virtual defect prediction in automotive plastics injection molded components using 3edion 02 December, 2021
- Virtual additive manufacturing: pushing the frontiers of manufacturing in the auto component industry 15 December, 2021
- Virtual advancement of plastic in the automobile sector on 02nd & 04th February, 2022
- Virtual application of IoT for manager (certification course) on 16th & 18th February, 2021
- Physical training & certification course on advanced mold manufacturing techniques 11th & 13th May, 2022
- Physical training & certification course on step-up program developing capabilities for manufacturing excellence from 23 May to 28 May, 2022
- Physical training & certification course on concept & practice of low-cost automation from 27th to 29th June, 2022
- Physical training & certification course on function-driven generative design engineer on 22nd July, 2022
- Physical training & certification course on achieving zero customer complaints by addressing CTC and CTQs for process improvement from 26th to 27th July, 2022

PEOPLE AT ACMA

PAST PRESIDENTS			
Dr. Pranalal 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	Mr. Deepak Jain	2019-2021

EXECUTIVE COMMITTEE

PRESIDENT	VICE PRESIDENT	IMMEDIATE PAST PRESIDENT
Mr. Sunjay J Kapur	Ms. Shradha Suri Marwah	Mr. Deepak Jain
Sona Comstar	Subros	Lumax Industries Limited

ELECTED MEMBERS

MEMBER	COMPANY
Mr. Vikrampati Singhanian	J.K. Fenner (India) Ltd.
Mr. Anmol Jain	Lumax Auto Technologies Ltd.
Mr. Ranjot Singh	Emdet Jamshedpur Pvt. Ltd.
Mr. Arvind Goel	TATA AutoComp Systems Ltd.
Mr. Suresh KV	ZF India
Ms. Shuba Kumar	Natesan Synchrocones Pvt. Ltd.
Mr. Murali Vaidyanathan	Hanon Automotive Systems India Pvt. Ltd
Mr. Sunil Arora	Abilities India Pistons & Rings Ltd.
Mr. Shailendra Bohra	Bohra Rubber Pvt. Ltd.
Mr. Sriram Viji	Brakes India Private Ltd.
Ms. Anjali Singh	Dana Anand India Pvt. Ltd
Mr. A. Viswanathan	Delphi-TVS Technologies Ltd.
Mr. Ramashankar Pandey	Hella India Lighting Ltd.
Mr. Alka Kaul	Horizon Industrial Products Pvt. Ltd.
Mr. Ramchandra Rao	Indo Schottle Auto Parts Pvt. Ltd.
Mr. Piyush I. Tamboli	Investment & Precision Castings Ltd.
Mr. Nishant Arya	JBM Group
Mr. Piyush Munot	KCTR Varsha Automotive Pvt. Ltd.
Mr. Sanjay Sabherwal	Metaldyne Industries. Limited
Mr. Harshbeena Zaveri	NRB Bearings Ltd.
Ms. Killol Kamani	Samarth Engineering Co. Pvt. Ltd.
Mr. F.R. Singhvi	Sansera Engineering Ltd.
Mr. Saurabh Poddar	"Sellowrap Industries Pvt Ltd"
Mr. Jagdeep Singh Rangar	Stork Rubber Products Pvt. Ltd.
Mr. Satish Machani	Stumpp Schuele & Somappa Springs Pvt. Ltd.
Mr. Pranav Kapuria	The Hi-Tech Gears Ltd.
Mr. P. Kaniappan	WABCO India Ltd.

CO-OPTED MEMBERS

MEMBER	COMPANY
Mr. Manoj Kolhatkar	Gabriel India Limited
Mr. Sanjay Malhotra	Jumps Auto Industries Ltd.
Mr. Vivek Jindal	Minda Industries Limited
Mr. Vidur Talwar	QH Talbros Pvt. Ltd.
Mr. Lakshmi Venu	Sundaram - Clayton Limited

SPECIAL INVITEES

MEMBER	COMPANY
Mr. Subodh Tandle	Bharat Forge
Mr. Vishal Lalani	Indication Instruments Limited
Mr. Arjun Jindal	Machino Polymers Limited
Mr. Nishit Behera	RSB Transmission (I) Ltd.
Mr. Ashish Taneja	T.K. Precision Pvt. Ltd.
Mr. Yuvraj Kapuria	The Hi-Tech Gears Ltd.

REGIONAL CHAIRPERSONS

MEMBER	COMPANY
EASTERN REGION - Mr. Ranjot Singh	Emdet Jamshedpur Pvt. Ltd.
NORTHERN REGION - Mr. Vikrampati Singhania	J.K. Fenner (India) Ltd.
SOUTHERN REGION - Ms. Shuba Kumar	Natesan Synchrocones Pvt. Ltd.
WESTERN REGION - Mr. Arvind Goyal	TATA AutoComp Systems Ltd.

CO-REGIONAL CHAIRPERSONS

MEMBER	COMPANY
NORTHERN & EASTERN REGION - Mr. Anmol Jain	Lumax Auto Technologies Ltd.
WESTERN REGION - Mr. Suresh KV	ZF India Private Limited
SOUTHERN REGION - Mr. Murali Vaidyanathan	Hanon Automotive Systems India Pvt. Ltd.

ZONAL CO-ORDINATORS

EASTERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. Kiran Deshmukh	New Delhi, Haryana & Rajasthan	Sona BLW Precision Forging Ltd.
Mr. Abhishek Jain	Uttar Pradesh & Faridabad	PPAP Automotive Ltd.
Mr. U S Ahuja	Punjab & Himachal Pradesh	New Swan Enterprises
Mr. Hitesh Jain	Uttarakhand	Roop Polymers Ltd.

NORTHERN REGION

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

SOUTHERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. Pawan Choudhary	Aurangabad	Hindustan Composites Ltd.
Mr. Gaurav Motwane	Nashik	MSL Driveline Systems Ltd.
Mr. Devendra Jain	Madhya Pradesh	Porwal Auto Components Ltd.
Mr. Chetan R Shah	Central Gujarat	Mega Rubber Technologies Pvt. Ltd.
Mr. Samir Patel	Saurashtra (Gujarat)	Orbit Bearings India Pvt. Ltd.
Mr. Kanwal Deep Singh	Pune	Mubea Automotive Components India Pvt. Ltd.

WESTERN REGION

MEMBER	ZONE	COMPANY NAME
Mr. J. Sridhar	Chennai & Nearby	Mangal Engineering Tech Pvt. Ltd.
Mr. Satish Machani	Karnataka & Hosur	Stumpp Schuele & Somappa Springs Pvt. Ltd.
Mr. Nagaraju Srirama	Ap & Telangana	JK Fenner (I) Ltd.



WORKFORCE 2021-22

HEAD OFFICE

Amit Mukherjee
Anil Kumar Unni
Anjali Nair
Ankit Dhiman
Anupam Kaushik
Ashok Kumar
Ashwani Kumar
Binny Tomy
Debashish Maity
Deepak Kumar
Eckta
Harish Kapoor
Lokesh Raina
Monika S. Handa
Pooja Sharma
Praveen Belwal
Prem Kumar
Puneet Ghai
Rajat Gaur
Rupender Kaushik
Sapna Vijh
Seema Babal
Kumar Shardool Singh
Shikha Tripathi
Sudip Guha Roy
Upender Singh
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
Sudesh Janardhan Sutar
Sandesh Taide
Suhas Appa Padave
Sudesh Janardhan Sutar

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
Umamangesh K



PILLAR 1**BUSINESS
DEVELOPMENT**

Amit Mukherjee

Lokesh Raina

Monika S. Handa

Pooja Sharma

Kumar Shardool Singh

Rajat Gaur

Sapna Vijh

Sudip Guha Roy

PILLAR 2**GOVERNMENT
AFFAIRS &
STRATEGIC INITIATIVES**

Seema Babal

Shikha Tripathi

Vinnie Mehta

PILLAR 3**SKILLING &
MENTORING**

Abhinav Rastogi

Aniket Khasnis

Damodar Gupta

Deepak Jain

Dinesh A. Vedpathak

Ekta Agarwal

Raginee Singh

Rakesh Kumar

Rupesh Sonania

Sakshi S. Karkamkar

Sanket Jadhav

Smita Kulkarni

Sonu Rawat

Sunil Mutha

Tanu Ahuja

PILLAR 4**START-UPS &
STRATEGIC
PARTNERSHIP**

Amit Mukherjee

Anjali Nair

PILLAR 5**MEDIA,
IMAGE BUILDING,
PR COMMUNICATIONS**

Vinnie Mehta

Upender Singh



**FUTURE OF MOBILITY:
TRANSFORMING TO BE AHEAD
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LIST OF MEMBERS

A

4E Software Private Limited
A. G. Industries 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.
Accrete Electromech 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.
Agya Auto 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
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
Ample Auto Tech Pvt. Ltd.
Amvian Automotive Pvt Ltd
Anand Automotive Pvt. Ltd.
Anand CY Myutec Automotive Pvt. Ltd.
Anand Engineers Pvt. Ltd.
Anand I-Power Ltd.
Anand Motor Products Pvt. Ltd.
Anand NVH Products (P) Ltd.
Anand Piston International
Anu Industries Ltd.
Apex Transmission Pvt. Ltd.
APL Logistics (I) Pvt. Ltd.
Apls Automotive Industries Pvt. Ltd.
Aptiv Components India Private Limited
Araymond India Private Limited
ARB Bearings Ltd
Arcelor Mittal Nippon Steel India Ltd.
ARGL Limited
ARN Sealing Components
Arun Associates
Arvind Engineering Works Ltd.
Asahi India Glass Ltd.
Ashimori India Pvt Ltd.
Ashok Iron Works Pvt. Ltd.
Ashra Consultants Pvt Ltd.
ASK Automotive Pvt. Ltd.
Aspee Springs Ltd.
Associated Manufacturing LLP

Atop Fasteners Pvt. Ltd.
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
AVR Valves Pvt. Ltd.
AVS Brake Linings Pvt. Ltd.
Avtec Ltd.
AVX Electronics Sensing & Control (I) Pvt. Ltd.
Avtec Ltd.
Axiom Energy Conversion Limited
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
Beam Infotech Pvt. Ltd.
Behr-Hella Thermocontrol (I) Pvt. Ltd.

FUTURE OF MOBILITY:
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Bellite Springs Pvt. Ltd.

Belmaks Pvt. Ltd.

Belmont Rubber Pvt. Ltd.

Benara Udyog Ltd.

Besmak Components Pvt. Ltd.

Besoto Starting Systems Pvt. Ltd.

Best Koki Automotive (P) Ltd.

Bharat Axles Private Limited

Bharat FIH Limited

Bharat Gears Ltd.

Bharat Seats Ltd.

Bhavani Industries India LLP

Bhunit Engineering Company Pvt. Ltd.

Bimetal Bearings Ltd.

Bindra Motors Pvt. Ltd.

BLW Engine Valves Private Limited

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.

C

Calex Auto

Caparo Engineering India Ltd.

Carl Bechem Lubricants (India) Pvt. Ltd.

Carrier Wheels Pvt. Ltd.

Celestial Industries Pvt. Ltd.

CMR Green Technological Limited

Chamber of Marathwada Industries
and Agriculture

Chaphekar Engineering Pvt. Ltd.

CI Car International Pvt. Ltd.

CLH Gaseous Fuel Applications Pvt. Ltd.

Cofle Tayler 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.

CRP (India) Pvt. Ltd.

Cummins Technologies India Ltd.

D

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.

Delux Bearings Pvt. Ltd.

Denso International India Pvt. Ltd.

Deusch Kyosei Engineering Pvt Ltd

Devendra Autocom Pvt. Ltd.

Devilog Systems (India)

DGC Industries Private Limited

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.

E

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

F

FANUC India Private Ltd.

Fastenex Pvt. Ltd.

Faurecia India Pvt. Ltd.

Federal-Mogul Goetze (India) Ltd.

Fiem Industries Ltd.

Fine Blanking Pvt. Ltd.

Fitco Orings Pvt. Ltd.

Fitwel Gasket Company India Pvt. Ltd.

Flash Electronics (I) Pvt. Ltd.

Fleetguard Filters Pvt. Ltd.



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Flometallic India Private Limited
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.
Gedia India Automotive Components Pvt. Ltd.
GH Induction India Pvt. Ltd.
Ghaziabad Precision Products Pvt. Ltd.
Gilard Electronics Pvt. Ltd.
Global Autotech Ltd.
Globewin Precise Products LLP
GNA Axles Ltd.
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.
GSA Industries
Gulati Auto Electricals Pvt. Ltd.
Guru Nanak Auto Enterprises Ltd.
Guru Poly Products

H

Haldex Anand India Pvt. Ltd.
Hanon Automotive Systems India Pvt. Ltd.

Hanon Climate Systems India Pvt. Ltd.
Harisons India Regd.
Harita Fehrer Limited
Harsha Engineers International 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.
Hitachi Astemo Haryana Pvt. Ltd.
Hitkari Hitech Pvt. Ltd.
Hodek Vibration Technologies Pvt. Ltd.
Horizon Industrial Products Pvt. Ltd.
Huf India Pvt. Ltd.
Hyco 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
Indication Instruments Ltd.
Indo Autotech Ltd.
Indo-MIM Pvt. Ltd.
Indo-Schottle Auto Parts Pvt. Ltd.
Industrial Engineering Syndicate
Industrial Forge & Engineering Company Limited
Industrial Rubber Products
Infineon Technologies India Pvt. Ltd.
Infinito Auto Industries LLP
Injectoplast Pvt. Ltd.
Innova Rubbers Pvt. Ltd.
Integrated Cadcam Solutions Private Limited
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.
Jidoka Technologies Private Limited
JJG Machining Pvt. Ltd.
JM Fricttech India Pvt. Ltd.
Johnson Electric Private Limited

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Joyson Anand Abhishek Safety Systems Pvt. Ltd.

JSG Innotech Private Limited

JTEKT India Limited

Jumps Auto Industries Ltd.

JVR Forging Limited

Jyoti Rubber Industries

Kross Limited

KSPG Automotive India Pvt. Ltd.

Kube Autotech Private Limited

Kulkarni Engineers

Kumi Supreme India Private Limited

Kunal Auto Industries Pvt. Ltd.

Kundan Lal and Sons

Kusalava International Ltd.

M. S. Industrial 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.

Maflow India Private Limited

Magal Engg. Tech Pvt. Ltd.

Magna Automotive Ltd.

Magnum MI Steel Pvt. Ltd.

Mahavir Die Casters Pvt. Ltd.

Mahindra CIE Automotive Ltd.

MAHLE Anand Filter Systems Pvt. Ltd.

MAHLE Anand Thermal Systems Pvt. Ltd.

MAHLE Engine Components India Pvt. Ltd.

Maini Precision Products Ltd.

Makino Auto Industries Pvt. Ltd.

Makino Automotive

Manatec Mobility Private Limited

Mandap International Pvt. Ltd.

Mando Automotive India Pvt. Ltd.

Mann and Hummel Filter Pvt. Ltd.

Mansons International Pvt. Ltd.

Marathwada Auto Compo Pvt. Ltd.

Marelli (India) Private Limited

Marelli Motherson Automotive Lighting India Pvt. Ltd.

Marelli Talbro Chassis Systems Pvt. Ltd.

Mark Exhaust Systems Ltd.

Marvel Vinyls Ltd.

Mass Metalform

Masu Brakes Pvt. Ltd.

Maxop Engineering Co. Pvt. Ltd.

Mayur Uniquoters Ltd.

Meenakshi Polymers Pvt. Ltd.

K

K. S. C. Engineers Pvt. Ltd.

K.M.P Manufacturing Co.

K.R. Industries

Kach Motors Pvt. Ltd.

Kafila Forge Ltd.

Kalsi Engineering Company

Kamal CED Solutions LLP

Kaneri Enterprises

Kavia Engineering Private Ltd.

Kay Jay Forgings Private Limited

KCTR Varsha Automotive Pvt. Ltd.

Kems Forgings Ltd.

KI Mobility Solutions Private Limited

KIE Engineering Pvt. Ltd.

Kirloskar Ferrous Industries Limited

Kishan Autoparts Pvt. Ltd.

Kiswok Industries Pvt. Ltd.

Klassic Wheels Pvt. Ltd.

Klassic Lamitex Pvt. Ltd.

KLN Engineering Products Pvt Ltd

KLT Automotive & Tubular Products Ltd

Knorr-Bremse Systems for Commercial Vehicles India Pvt. Ltd.

Kobra Auto Motives

Kongovi Pvt. Ltd.

Kores (India) Ltd.

KOSTAL India Pvt. Ltd.

KPIT Technologies Ltd.

Krishna Maruti Ltd.

L

L & L Products India Pvt. Ltd.

L. G. Balakrishnan & Bros. Ltd.

L. K. Automotive Pvt. 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.



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Mega Rubber Technologies Pvt. Ltd.
Megatrend Fabcon Pvt. Ltd.
Meghdoot Pistons Pvt. Ltd.
Mehta Automotive Pvt. Ltd.
Menata Automotive Components Pvt. Ltd.
Metaforge Engineering (India) Pvt. Ltd.
Metal Form
Metallic Auto Liners Pvt. Ltd.
Metalman Auto Pvt. Ltd.
Metalman Micro Turners
Metalwork Industries Limited
Metexim (Sourcing) Pvt. Ltd.
MGM Springs Pvt. Ltd.
Micron Enterprises
Microsign Products
Milacron India Pvt. Ltd.
Millennium Precision Auto India Pvt. Ltd.
Minda Corporation Ltd.
Minda Industries Ltd.
Minda Instruments Ltd.
Minda Westport Technologies Limited
Mindarika Pvt. Ltd.
Mitsuba India Pvt. Ltd.
Mitsubishi Electric Automotive India Pvt. Ltd.
MKLIDE Auto Clutch Industries Ltd.
MM Auto Industries Limited
Mobis India Ltd.
Modvak Engineering India Pvt. Ltd.
Moonlight Auto Pvt. Ltd.
Motherson-Sumi Systems Ltd.
MPM Private Limited
MSL Driveline Systems Limited
MSS Filtration Engineering Process Pvt. Ltd.
Mubea Automotive Components India Pvt. Ltd.
Mudhra Fine Blanc Private Limited
Multitech Auto Pvt. Ltd.
Mungi Engineers Pvt. Ltd.

Munjál Auto Industries Ltd.
Munjál Kiriu Industries Pvt. Ltd.
Munjál Showa Ltd.
Murakami Manufacturing India Pvt. Ltd.
Musashi Auto Parts India Pvt. Ltd.
Mutha Founders Pvt. Ltd.
Muthayammal Educational Trust and Research Foundation
Mutual Automotive Pvt. Ltd.
Mutual Industries Ltd.

N

Nachimuthu Industrial Association
Nagata Auto Engineering India Private Limited
Napino Auto & Electronics Ltd.
Narasipur Auto Components Pvt. Ltd.
Nash Products
Natesan Synchrocones Pvt. Ltd.
Nelcast Ltd.
Nemak Aluminium Castings India Pvt. Ltd.
Neolite ZKW Lightings Pvt. Ltd.
NeoSym Industry Ltd.
Nettur Technical Training Foundation
New Engineering Works
New Swan Autocomp (P) Ltd.
New Swan Enterprises
Next Polymers Ltd.
NGK Spark Plugs (India) Pvt. Ltd.
Nicks Auto Industries Pvt. Ltd.
Nipman Fastener Industries Pvt. Ltd.
Nippon Audiotronix Pvt. Ltd.
Nippon Thermostat (India) Ltd.
Niratech Industries Private Limited
Nissim India Pvt. Ltd.
Nitesh Auto Engineering Pvt. Ltd.
Norma Group Products India Pvt. Ltd.
Novoflex Industries Private Limited

NPL Bluesky Automotive Pvt. Ltd.
NRB Bearings Ltd.
NSK Bearings India Pvt. Ltd.
NTF (India) Pvt. Ltd.

O

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

P

Pacco Industrial Corporation
Padmanabh Alloys & Polymers Ltd.
Padmini VNA Mechatronics Pvt. Ltd.
Pal Shellcast Private Limited
Paracoat Products Ltd.
Paragon Industries
Paranjape Autocast Pvt. Ltd.
Paras Auto Industries
Parathasarathy Seeniammal Educational Trust
Parkash Automotive Industries (P) Ltd.
Pavithra Toolings
Pavna Industries Limited
Pearl Engineering Co.
Perfect Polymers
Piano Presitel
Pinnacle Industries Ltd.
Pioneer Industries
Plastometal Engg. (I) Pvt. Ltd.
Polyplastics Industries (India) Pvt. Ltd.

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Pooja Forge 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.
 Premier Seals India Private Limited
 Presco-Mec Autocomp Pvt. Ltd.
 Pricol Ltd.
 Pritika Industries Ltd.
 Progressive Gear Industries (P) Ltd.
 Propel Metaltech
 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.
 Radiant Polymers Pvt. Ltd.

Rajan Auto Industries
 Rajatdeep Overseas Pvt. Ltd.
 Rajhans Pressings Pvt. Ltd.
 Rajsriya Automotive Industries Pvt. Ltd.
 Ram Ratna Wires Limited
 Ramkrishna Forgings Ltd.
 Ramsays Corporation Pvt. Ltd.
 Randhir Industries
 Rane (Madras) Ltd.
 Rane Brake Lining Ltd.
 Rane Engine Valve Ltd.
 Rane NSK Steering Systems Pvt.Ltd.
 Rane TRW Steering Systems Pvt.Ltd.
 Rane Polymers Pvt. Ltd.
 Rangamma Steels & Malleables
 Rasandik Engg. Industries (I) Ltd.
 RDH Auto
 Reethika Precision Engineering
 Reflexallen India Private Limited
 Rico Auto Industries Ltd.
 Rico Castings Ltd.
 Right Tight Fastner Pvt. Ltd.
 Ring Plus Aqua Ltd.
 Rockman Industries Ltd.
 Roop Automotives Ltd.
 Roop Koepp Foam Technologies Private Limited
 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 G Industries
 S M Machines Pvt. Ltd.

S. K. Industries
 S.K. Spring Co.
 S. M. Auto Engineering Pvt. Ltd.
 S. S. Engineering Works
 S.M. International
 S.M. Kannappa Automobiles Pvt. Ltd.
 SAC Engine Components Pvt. Ltd.
 Sadhu Forging Ltd.
 Safexpress Pvt. Ltd.
 Sainik Spring Works
 Saint Gobain India Pvt. Ltd.
 Sakthi Auto Component Ltd.
 Samarth Engg. Co. Pvt. Ltd.
 Samonia Autocomp Private Limited
 Sanden Vikas (India) Pvt. Ltd.
 Sandhar Technologies Ltd.
 Sanjeev Auto Parts Manufacturers Pvt. Ltd.
 Sankar Sealing Systems Pvt. Ltd.
 Sansera Engineering Limited
 Sathya Auto Pvt. Ltd.
 Satyam Auto Components Pvt. Ltd.
 Saurat Auto-Tech Private limited
 Schaeffler India Limited
 Scherdel Perfect Springs Private Limited
 Searock Precision Products Pvt. Ltd.
 Sebro's Auto Pvt. Ltd.
 Seema & Co.
 SEG Automotive India Private limited
 Seinsa Autofren India Pvt. Ltd.
 Sellowrap EPP India Pvt. Ltd.
 Sellowrap Industries Pvt. Ltd.
 Senior India Pvt. Ltd.
 Senior Rubbers Pvt. Ltd.
 Sensing Technologies Pvt. Ltd.
 SEP India Pvt. Ltd.
 Setco Automotive Ltd.
 Sharda Motor Industries Ltd.
 Sheet Shapers India Pvt. Ltd.



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Shilpan Steelcast Pvt. Ltd.

Shiroki Automotive India Pvt. Ltd.

Shiv Gorakh Engineering Works LLP

Shivam Autotech Ltd.

Shivani Locks Pvt. Ltd.

Shore Auto Rubber Exports Pvt. Ltd.

Shree Amba Industries

Shree Balaji Alumnicast Pvt. Ltd.

Shree Fittings

Shree Ganesh Metal Works

Shree Jee Forging

Shree Sainath Industries

Shriram Foundry Private Limited

Shriram Pistons & Rings Ltd.

Shriram Rubber Products Pvt. Ltd.

Sibros Technologies India Pvt. Ltd.

Sietz Technologies India Private Limited

Sigma Automotive Materials Pvt. Ltd.

Sigma Corporation (India) Ltd.

Sigma Forging & Forming Pvt. Ltd.

Sigma Moulds & Stampings Pvt. Ltd.

Silco Cables

Sintercom India Ltd.

SIPCOT Irungattukottai Manufacturers Association

SJS Enterprises Ltd

SKAS Autotech Private Limited

SKH Marelli Exhaust Systems Pvt. Ltd.

SKH Metals Ltd.

SLR Metaliks Limited

Smoto Industries Private Limited

Snark Power Private Limited

SOGEFI ADM Suspensions Pvt. Ltd.

Sogefi Engine Systems India Pvt Ltd

Somic ZF Components Pvt. Ltd.

Sona BLW Precision Forgings Ltd.

Sona Mandhira Private Limited

Star Auto Industries Pvt. Ltd.

Steelbird International

Sterling Tools Limited

Soni Auto & Allied Industries Ltd.

SP Pipe Private Limited

SPAL Automotive Technology India Private Limited

Special Engineering Services Ltd.

Spectra Products Pvt. Ltd.

SPM Autocomp Systems Pvt Ltd.

Spun Micro Processing (P) Ltd.

Sri Durga Engineering Works

Sri Ganeshraam Enterprises

SRM Institute of Science and Technology

Standard Radiators Pvt. Ltd.

Stork Auto Engineering Pvt. Ltd.

Stork Rubber Products Pvt. Ltd.

Stumpp Schuele & Somappa Springs Pvt. Ltd.

Subros Ltd.

Sudhir Automotive Industries Pvt. Ltd.

Sudisa Foundry (P) Ltd.

Sun Mobility Private Limited

Sunbeam Lightweighting Solutions Pvt. Ltd.

Sundaram Auto Components Ltd.

Sundaram Brake Linings Ltd.

Sundaram Clayton Ltd.

Sundaram Industries Pvt. Ltd.

Sundram Fasteners Ltd.

Sunflag Iron and Steel Company Limited

Sunstar Precision Forge Ltd.

Sunvisors India Pvt. Ltd.

Super Auto Forge Industries

Super Circle Auto Ltd.

Super Screws Pvt. Ltd.

Super Seals India Ltd.

Supercircle Pvt. Ltd.

Suprajit Engineering Ltd.

Supreme Treon Pvt. Ltd.

Suraj General Engineers (P) Ltd.

Surya Springs

Swastik Engitech Pvt. Ltd.

Synthesis Winding Technologies Pvt. Ltd.

T

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.

Talco India

TAMS Infotech 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.

Tesa Tapes (I) Pvt. Ltd.

Texspin Bearings Ltd.

The Automotive Research Association of India

The Hi-Tech Engineering Systems Pvt. Ltd.

The Hi-Tech Gears Ltd.

The Madras Motor Parts Dealers Association

The Premier Auto Corporation

The Supreme Industries Ltd.

Tosy Auto Products

Toughla Automotive Pvt. Ltd.

Toyo Springs Ltd.

Toyota Gosei South India Pvt. Ltd.

Toyota Boshoku Automotive India Pvt. Ltd.

Toyota Industries Engine India Pvt. Ltd.

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Toyota Kirloskar Auto Parts Pvt. Ltd.

Toyotetsu India Auto Parts Pvt. Ltd.

Toyotsu Ambika Automotive Safety Components India Pvt. Ltd.

TPR Autoparts Mfg India Private Limited

Track Auto Transmission

Track Components Ltd.

Tractors and Farm Equipment Ltd.

Treis Solutions LLP

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.

Ultra Wiring Connectivity System Limited

Uni Deritend Ltd.

Unique Spares & Automobiles

Unitech Precision Screws

Universal Wire Forms

Uravi T and Wedge Lamps Ltd.

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

Vibgyor Automotive Private Limited

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

Vitesco Technologies India Private Limited

VNM Polymers Pvt. Ltd.

Voith Turbo Pvt. Ltd.

W

Wahi Sons Pvt. Ltd.

Watson & 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.

Yeshshree Press Comps Pvt. Ltd.

York Transport Equipment (India) Pvt. Ltd.

Yoshama and Company Pvt. Ltd.

Yoshika Engineering Pvt. Ltd.

Yugal Precision Pvt. Ltd.

Z

Zavenir Daubert India Private Limited

Zenith Forge Pvt. Ltd.

Zenith Industries

Zentron Labs Pvt. Ltd.

ZF Commercial Vehicle Control Systems India Limited

ZF India Pvt. Ltd.

ZF Steering Gear (India) Ltd.

Ziel International

*List of members as on 31 March 2022



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Automotive Component Manufacturers
Association of India

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Munirka, New Delhi 110 067, India
Tel: +91 11 2616 0315 | Fax: +91 11 2616 0317
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- Facebook.com/India.acma
- ACMA India
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REGIONAL OFFICES

Eastern Region

Room No. 4
Centre for Excellence
Jubilee Road
Jamshedpur 831001
Tel: +91-44-28330968,
28330949
Telefax: +91-44-28330590
E-mail: acmaer@acma.in

Northern Region

6th Floor,
The Capital Court,
Olof Palme Marg,
Munirka
New Delhi 110 067
Tel: +91-11-26160315
Fax: +91-11-26160317
E-mail: acmanr@acma.in

Southern Region

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1st Street
Chennai 600 006
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28330949
Fax: +91-44-28330590
E-mail: acmasr@acma.in

Western Region

Office No. C, 10th Floor,
Godrej Eternia "C",
B-wing, Old Mumbai-Pune
Highway, Wakdevadi,
Shivaji Nagar
Pune - 411 005
Maharashtra, India
Tel: +91-20-6606 1219/20
Fax: +91-20 6606 1220
E-mail: acmawr@acma.in

ZONAL OFFICES

Northern Region

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

Southern Region

(Karnataka & Hosur)
Shop No. 1, 1st Floor,
NGV Commercial Complex,
National Games Village,
Koramangala, Bangalore 560 047,
Karnataka
Tel: +91 80-2570 2855
Fax: +91-80-40939689
E-mail: acmakh@acma.in

Western Region

(Mumbai)
80, Dr. Annie Besant Road,
Worli, Mumbai - 400 018,
Maharashtra, India
Tel: +91-20-6606 1219/20
Fax: +91-20 6606 1220
E-mail: acmawr@acma.in

Western Region

(Gujarat)
801 "Matrix", Near Vodafone House,
B/H Divya Bhaskar, Corporate Road,
Ahmedabad - 380015,
Gujarat
Tel: +91-20-6606 1219/20
Fax: +91-20 6606 1220
E-mail: 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: +91-98938 60265
E-mail: acma.madhyapradesh@acma.in