

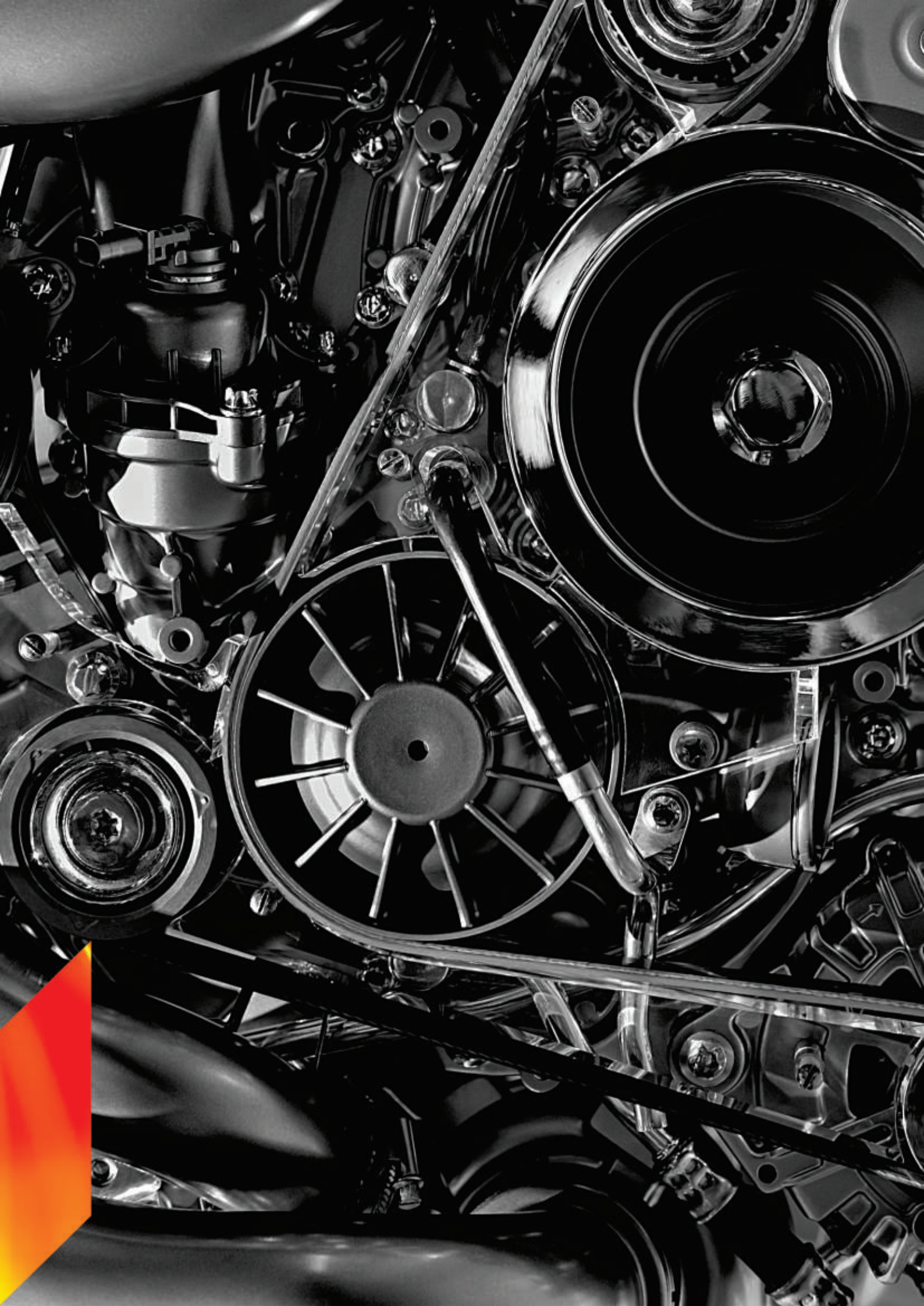
The logo for the Automotive Component Manufacturers Association of India (ACMA), featuring the acronym 'ACMA' in a bold, italicized, sans-serif font.

Automotive Component Manufacturers
Association of India

Indian AUTO COMPONENT INDUSTRY Preparing for the FUTURE



ANNUAL REPORT
2017-18



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ACMA

Automotive Component Manufacturers Association of India

Indian AUTO COMPONENT INDUSTRY **Preparing** **for the** FUTURE

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ROBUST ECONOMY & GROWING VEHICLE CONSUMPTION

With several economic and business reforms, the Indian Economy is today a sweet spot with predictions of ~7.5 per cent GDP growth for the next few years, in as such a stagnating and increasingly protectionist world. Spurred by growing per capita income and aspirations of a young population, the vehicle demand in the country continues to grow unabated auguring well for the auto component industry.



President's Message

Dear Friends,

To begin with, I thank the ACMA membership for providing me the opportunity to lead this august institution at an important phase of development of the Indian automotive industry. I take this opportunity to thank all members, associates, government functionaries, knowledge experts and the ACMA secretariat for the overwhelming support extended to me in effectively executing our collective agenda during 2017-18.

The Industry Backdrop

The Indian automotive industry continued to register healthy growth during 2017-18. According to data released by the Society for Indian Automobile Manufacturing (SIAM), India produced over 29 million vehicles in 2017-18, a growth of 14.8% over the preceding financial year.

This growth in domestic vehicle production as also a robust export performance has contributed positively to the revenues of the auto-component industry in India. The component industry, witnessed a growth of 18.3 per cent over the previous fiscal, registering a turnover of Rs. 3,45,635 crore (USD 51.2 billion). Further exports, grew by 23.9 per cent in FY 2017-18 to Rs.90,571 crore (USD 13.5 billion) with an encouraging performance in all geographies; Europe with 34 per cent and US with 28 per cent share of India's component export continued to be our predominant overseas markets. With increasing vehicle parc in the country, the aftermarket in 2017-18 grew by 9.8 per cent to Rs 61,601 crore (USD 9.2 billion).

Speaking about the future of our industry, as is the case globally, e-mobility is fast catching the imagination of our policy makers; a definite policy regarding the road map for e-mobility in India is therefore the need of the hour. Clarity from individual vehicle manufactures in India on their plans for e-mobility and their collective roadmap will in turn help the component industry firm-up its roadmap in this direction. We are confident that as hybrid and electric technologies gains traction, vehicle manufacturers will support localisation of components.

Restructuring of ACMA

As you are aware, the auto and auto component industry, globally and in India, is undergoing a transformation across its entire supply chain; several factors such as new regulations on emission, safety & environment, fast changing customer preferences, shifting economic dynamics and trade policies are reshaping our industry. In this backdrop, it has become an imperative for our industry association - ACMA - to play a proactive and enabling role to support our members in identifying, pre-empting and overcoming the new set of challenges confronting the industry, ensuring that the we scale up timely to the new opportunities and that the impact of disruption is minimal. During my tenure in 2017-18, we have continued to take several bold and forward-looking steps in ensuring that our industry has a sustainable growth and development agenda for the future.

My top priority, therefore, during 2017-18 was to revisit the functioning of ACMA as an organisation and streamlining its activities to meet the requirements of our membership operating in an amorphous environment. In the restructuring exercise at ACMA, the focus therefore has been to reorient the organisation to address the present and future needs of our membership and make its activities more relevant. The organisation by-laws and regulations were also revisited to nurture a new generation of leadership and empower women. Much of this exercise was carried out internally by the professionals at ACMA.



INDIAN AUTO COMPONENT INDUSTRY PREPARING FOR THE FUTURE

As a result of this initiative, several independent committees and their related activities have been subsumed under a more cohesive organisation structure involving 5 main pillars, these are:

- Business Development: domestic & international for both OEM and Aftermarket business;
- Government Advocacy, Regulations and Research;

Skilling/
Education/
Training/ Mentorship/
Leadership Development;

- Technology Acquisition/ M&A / Joint Ventures/ Overseas Investments/ Industry Associates; and
- Industry / ACMA Image / PR & Communication.

I am happy to share that we have managed to successfully move forward in this exercise during 2017-18 and have initiated our operations accordingly. In concise, we have laid the foundation for the future of ACMA and the component industry. I must thank the Past-Presidents of ACMA for resolutely standing by me in this daunting task and I am confident that my successors will build on it to take ACMA to even greater heights.

Let me now highlight how we have performed under each of these pillars.

Business Development

The Business Development pillar has been fairly busy with its agenda of furthering business of our members with the OEMs as also in the aftermarket, both nationally as well as internationally.

On the home front, the i-AutoConnect - Reverse Buyers-Sellers Meet in Gurgaon received over 150 international delegates from over 45 countries, the second edition of ACMA North-East Aftermarket Expo in Guwahati with 55 participants, the ACMA New Delhi Summit with the theme 'Making the Indian Auto Component Industry Future Ready' among others were well received by our membership.

For focussed engagement with the OEMs, the ACMA Tech Expo with Hyundai Motors in Chennai and Maruti Suzuki in Gurgaon received 31 and 40 exhibitors, respectively.

That apart to support OEMs in Gujarat through a robust supply chain, the ACMA Value Chain Summit in Gandhinagar received an overwhelming response from 180 ACMA Tier-1 and Tier 2 suppliers. Leaders from top OEMs including from MSIL, Tata Motors, Ford Motors and HMSI graced the event.

The hallmark of our service delivery under this pillar was, of course, the Auto Expo Components Show 2018 in New Delhi. The event was an overwhelmingly successful with over 850 domestic exhibitors, 350 international exhibitors and significant attendance from top leadership of all OEMs.

On the international front, we have had very successful participation in several exhibitions including the Automechanika Frankfurt, the AAPEX Show in Las Vegas, the Iran International Auto-parts show, Automechanika Istanbul, Automechanika Dubai, Taitronics in Taiwan etc. Our Tech Expo with OEMs in Europe and the US, Business Matchmaking Expos in Argentina and Mexico and particularly the one in Yokohama, Japan were much appreciated and received overwhelming participation from our members.

It is no wonder that today we export almost a third of our production to over 160 countries.

INDIAN AUTO COMPONENT INDUSTRY PREPARING FOR THE FUTURE

Government Advocacy, Regulatory and Research

As mentioned earlier, the dynamics of the automotive market in India is undergoing a tremendous change as we strive for compliance to various new regulations related to emissions, safety and environment, including the transition from BSIV to BSVI. Those apart, key trends such as vehicle connectivity, electrification of vehicles, shared mobility, Industry 4.0, among others, are also redefining mobility. To support the changing customer needs and to stay relevant, the auto component sector needs to be encouraged with supportive government policies.

In this context,

we continued our dialogue across various ministries and departments of the Government. This included several rounds of meetings with key Ministers and functionaries at the Ministry of Heavy Industries and Public enterprises, Ministry Road Transport & Highways, Ministry of Commerce & Industry, Ministry of Finance, the NITI Aayog and several State Governments.

I am happy that this year, in the Union Budget, customs duty on several auto components was enhanced from 7.5 and 10 per cent to 15 per cent, we were also able to convince the government to reduce the GST rate on almost 60 per cent of auto component to 18 per cent, and I am confident that the rest 40 per cent will also become at benign rate, sooner rather than later.

Considering the significant technological changes that the industry is undergoing, we are actively pursuing with the government to create a fund to support indigenous R&D in the component industry as also for technology acquisition from other parts of the world. Further, as we prepare for the introduction of electric mobility in the country, we have requested the Government for a well defined, technology agnostic road-map with clear responsibilities of each stakeholder that will go a long way in ensuring a smooth roll out as also for creation of a local supply base for e-mobility.

ACMA has also actively contributed in drafting of the New Automotive Policy of the Ministry of Heavy Industry and Public enterprises and the new Industrial Policy of the Department of Industrial Policy & Promotion. We look

Technology Acquisition, Overseas Investments and Industry Associates

A relative new area of intervention by ACMA, which is going to play a defining role in the near future, as the industry strives to develop and acquire technology to stay competitive, the Pillar aims to facilitate strategic partnerships in the industry. The ACMA national conference on inorganic growth organised in New Delhi, focusing on do's and don'ts of M&As and JVs, in this context, was well received by our members. Going forward, on one hand, to create a sustainable industry and to help it navigate the challenges of technological and regulatory disruptions, and on the other preparing it to harness newer business opportunities emerging from such disruption. As also due to increasing vehicle demand in the domestic market and opportunities to engage with external markets have led us to 'Auto-Component Industry in India - Preparing for the Future' as our theme for 2018-19.

forward to an early announcement of these. On front of knowledge engagements, ACMA continued to work with several internationally renowned consultants as its knowledge partners and has published several studies and reports on topical subjects during the year.

Skilling, Education, Training, Mentorship and Leadership Development

ACMA Centre for Technology - ACT, continues to strive to fulfil its mandate of making Indian Auto component industry world-class. Till date our cluster programs have helped over 1,000 plants to be globally competitive. Currently, we have over 18 cluster programs running with more than 150 companies. ACMA for the last 50 years has been recognising the achievements of the Indian auto component manufacturers in various disciplines through the coveted ACMA Awards. This year for the first time, ACMA Awards were hosted alongside the third ACT Summit. The Awards were received by 57 companies across 13 disciplines. The ACT summit themed 'Digitizing Auto Component Industry in India - Creating Smart Factories' brought together national and international experts on Industry 4.0 and deliberated on advantages of automation and digitalisation. In addition, an exhibition on innovation was also set up.

Further, the recently concluded ACMA-UNIDO-DHI Cluster program, especially designed for smaller companies, has benefitted over 200 Tier-2 & Tier-3 companies. Considering the very significant contribution of this program in upgrading the smaller enterprises, I am glad to mention that the Department of Heavy Industry has granted its approval for another phase of this unique program.

This year also witnessed another landmark achievement; the setting up of ACMA Centre of Excellence (ACoE). The Centre, set up at the Sonipat campus of IIT Delhi in collaboration with IIT Delhi and AoTS of Japan, with able guidance of our Past Presidents Mr Ashok Taneja and Mr Srivats Ram, aims to provide world-class skilling and technical courses in the short term and facilities for pre-competitive joint Research, Design & Development in the mid to long term. I am thankful to MACE, the Maruti Centre for Excellence for their support and direction. We plan to replicate such centres across the various auto-component hubs across the country, in the coming years, for the benefit of our membership.

Domestic auto-component companies will have to gear themselves to the realities of a dynamic and volatile environment and reinvent their business models to deal with the new set of challenges. ACMA, as an association, will continue to play an active role in sensitising the industry to such changes and facilitate it in overcoming them.

Acknowledgements

I, sincerely acknowledge the support of the Governments at the Centre and States, who have been extremely receptive to ACMA's suggestions and inputs. I am grateful to the Ministry of Heavy Industry and Public Enterprises, our nodal ministry, for its unstinted support and guidance. This would also be the opportune time to place on record my appreciation for the support extended to us by CII, SIAM, IMTMA and other industry bodies.

Finally, as I conclude my term as President, I would like to thank all our members for their unwavering support. I would, particularly, like to thank the Vice President, all Chairmen, Co-Chairmen and Advisors of various Pillars and sub-Pillars, the Past Presidents of ACMA 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 the industry will rise to the challenges and with the support of all stakeholders we will create a new paradigm in manufacturing, 'Make in India' is a journey of excellence already embarked upon by India's auto component sector.

Best Wishes
N K Minda

EMISSIONS & SAFETY REGULATIONS

To tackle the dual problems of increasing fossil fuel imports and growing vehicular pollution, India has decided to move from BSIV to BSVI norms by April 2020 and thereafter introduce RDE. That apart, several advanced safety features such as speed limiting devices, airbags, ABS, ESC, Crash-test, bus body code compliance etc. are being mandated. The government is also expected to gradually introduce CAFÉ norms.



DIRECTOR GENERAL'S MESSAGE



The Indian Auto-Component industry is at a point of inflection. While disruptive technologies and trends are staring at us in the face, a newer set of opportunities as also newer players, distinct from the traditional ones, are making their presence felt in the horizon. In a milieu where the Silicon Valley is being transformed into the next Detroit, China has found its niche to be the global automotive leader in electric mobility, we in India, cannot be oblivious to these changes. To stay relevant, our members will have to integrate the traditional with the new. This warrants the Indian Auto Component industry to not only gear up to deal with the challenges of disruption, but also transform to assimilate new technologies and new players.

Therefore, our mantra at ACMA has been to be 'future ready'. To this effect, not only have we focussed our activities towards the need for scaling up of our members but also around technological transformation. That apart, we have also restructured ACMA to align its deliverables to be more cohesive and relevant to the future needs of an industry under transition.

While addressing the requirements of a brighter tomorrow, it has been very pleasing to note the impressive performance of the Indian automotive industry during 2017-18. The overall automobile industry witnessed an upswing, despite several regulatory challenges. The component industry, in tandem, posted an

INDIAN AUTO COMPONENT INDUSTRY PREPARING FOR THE FUTURE

encouraging performance with significant growth of 18.3 per cent over the previous fiscal, registering a turnover of Rs. 3,45,635 crore (USD 51.2 billion) while exports, grew by 23.9 per cent in 2017-18 to Rs.90,571 crore (USD 13.5 billion)

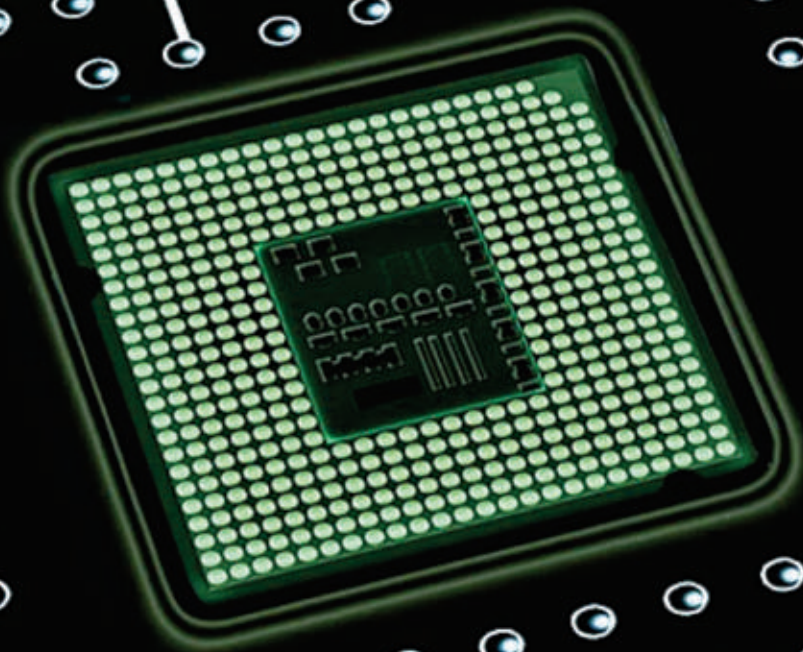
To be 'future ready' it requires much greater focus on investments by our members in research and development, creating indigenous intellectual property (IP), acquiring and assimilating technologies for the next phase of development across the automotive value chain. A long-term stable, technology agnostic roadmap for the automotive industry driven by sound regulatory framework, for sustainable growth and development, in line with the aspirations of all stakeholders is no longer a choice but an imperative. We, at the secretariat of ACMA, will continue to strive for the development of the industry, and as its executive head, I would personally like to thank all my colleagues for their tireless efforts through the year. To all the members, management and stakeholders of ACMA, including government officials, I would like to extend my deepest gratitude for their support and guidance.

I have full faith in the undying spirit of this vibrant industry and I am confident that we will be among the global leaders in not too distant a future.

Regards
Vinnie Mehta

ACES & AUTO ELECTRONICS

While Autonomous vehicles are still a distant reality in India; Connected, Electric and Shared mobility are in varied stages of evolution and adoption. Although Shared mobility in some sense is already a reality, the Government is keen to ensure Electric mobility gains ground in mid to long term. Further, with significant efforts to transform driving experience, deployment of auto electronics in vehicles continues to grow. With the increasing sophistication, new and more advanced semiconductor technologies will be used and vehicles will become technology-centric.



STATE OF THE INDUSTRY

AUTOMOBILE INDUSTRY

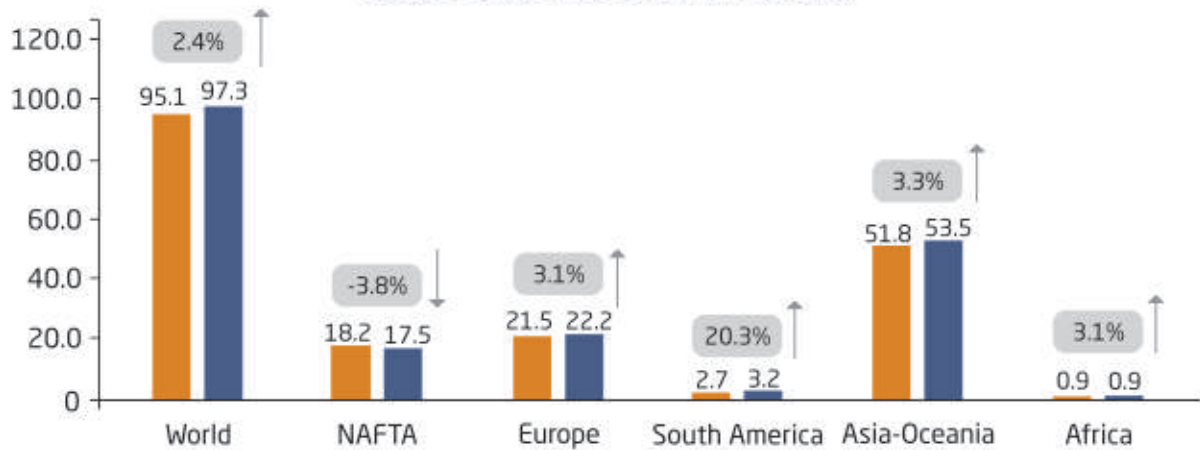
GLOBAL MARKETS

The global automotive industry is at a major crossroad; unlike the past cycles of crests and troughs, we're now seeing accelerating technological transformation and changing consumer preferences, which are likely to result in an industry that bears little resemblance to what it was just a decade or two ago. Already, the world's roads have vehicles that consume no fossil fuel, vehicles that can navigate even busy city streets with no human intervention, vehicles that aim more at serving not just a single owner but hundreds or thousands of ride-sharers.

vehicles with EU (27 countries) witnessing 0.9% growth, while Non EU members recorded 1.8% growth and other Europe comprising Serbia and CIS grew by 20.9%. North America (NAFTA) witnessed lower vehicle production with production in USA for 2017 being 11.2 million (a -8.1% drop); in Canada it was 2.2 million (a -7.2% drop), while in Mexico production grew to 4.1 million (a growth of 13%).

Although on a smaller base, South America witnessed strong growth of 20.3% to 3.2 million vehicles, with significant, 25.2% growth in Brazil. Driven by 5.8% and 5.3% growths in India and Japan, production in the Asia-Oceania grew by 3.3% to 53.5 million vehicles. In this

GLOBAL VEHICLE PRODUCTION (IN MILLIONS)



Source: OICA

■ 2016 ■ 2017

In 2017, economic growth gathered momentum all over the globe, despite many political uncertainties and economic risks in many key economies. This is evident by the growth rates in both advanced and emerging economies. The US economy continues its upswing, and Japan is experiencing the longest period of growth for over a decade, Europe is also recovering. The labour markets in the major economic areas are showing healthy growth. This upturn is supported by the expansionary monetary policy pursued by many central banks for several years. The emerging economies also have positive developments. The Chinese economy continues to grow, and India kept up its rapid recovery last year. The recession has bottomed out in Brazil and Russia, which have returned to the growth zone in proportion to the increasing prices of raw materials.

The latest OICA (International Organisation of Motor Vehicles Manufacturers) statistics clearly show that the worldwide automotive industry continues on its growth path. The global vehicle market has expanded for the eighth year in succession. In fact, total production of vehicles globally increased by 2.4% from 95.1 million in Calendar Year (CY) 2016 to 97.3 million in CY 2017.

An analysis across individual regions reveals a range of different developments. Amongst major markets, production in Europe increased by 3.1% to 22.2 million

region, growth in the Chinese market has moderated to 3.2% and total production numbers reached 29 million vehicles. In Africa production growth was 3.1% to 0.93 million vehicles in 2017.

For 2018, forecasts suggest worldwide growth for the sector, but slightly less dynamic. OICA forecast is that the global automotive market will increase by around 1%, reaching almost 98 million units. The global passenger car market alone is also expected to add about 1%, to 86 million new vehicles in 2018.

INDIA

The automobile industry produced a total 29.86 million vehicles including Passenger Vehicles, Commercial Vehicles, Tractors, Three Wheelers, Two Wheelers and Quadricycle in April-March 2018 as against 25.33 million in April-March 2017, registering a growth of 14.78% over the same period last year.

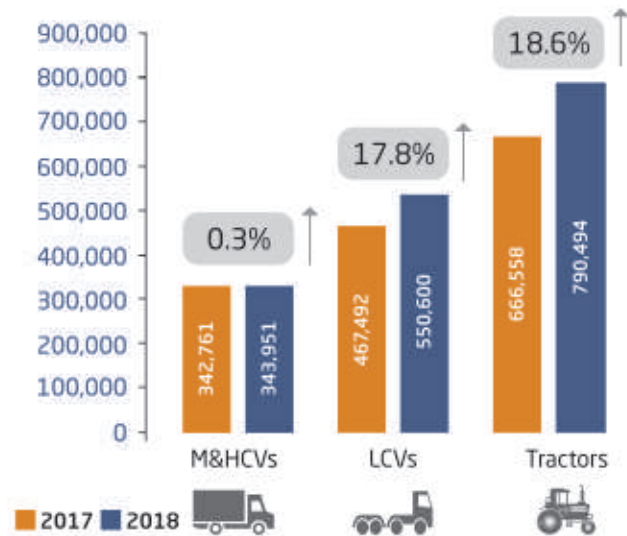
The commercial vehicles segment saw production increase of 10.4% in FY2018 over FY2017. Within this segment, for Medium and Heavy Commercial Vehicles (M&HCVs), total segment production growth was at modest 0.4% with passenger carriers including mainly buses witnessing a large (-)24.1% reduction in production, while goods vehicle

production increased by 4.5%. In light commercial vehicles (LCVs), passenger carrier growth remained stable at around 0.7%, while goods carriers grew by 19.9%, resulting in total segment growth of 17.8%. On the back of a good agricultural season, tractor production increased by a healthy 18.6%.

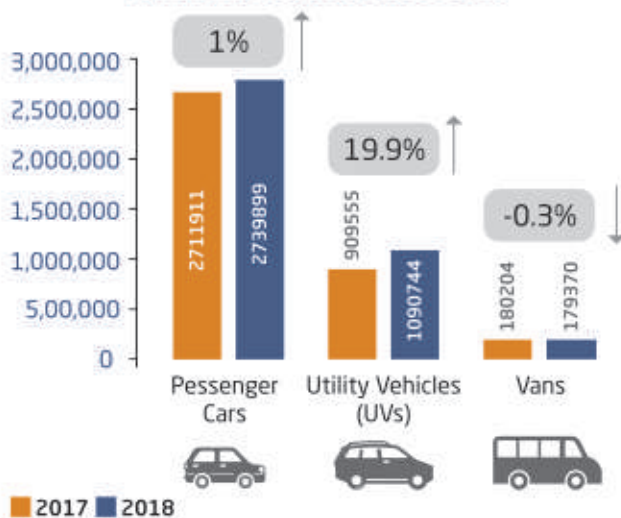
The passenger vehicle segment witnessed a steady 5.5% growth in production with passenger cars growing by a modest 1% and van production decreasing by a modest (-) 0.3%. Utility Vehicles (UVs), on the other hand, recorded an impressive growth of 19.9%.

Three-wheeler production increased by 30.4%, with passenger carriers growing by 33.9% and goods carriers by 9.4%. Total two-wheeler production growth was 16.1% with scooter production increasing by 20%, motorcycles by 15.8%, while moped production decreased by (-) 5.4%.

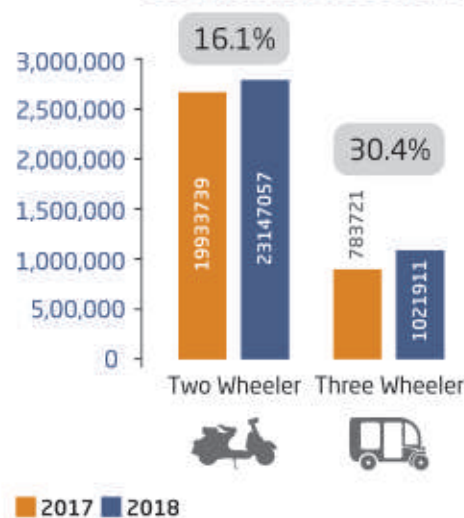
COMMERCIAL VEHICLE PRODUCTION



PASSENGER VEHICLE PRODUCTION



2-3 WHEELER PRODUCTION



Source: SIAM

According to the Society of Indian Automobiles (SIAM), the Indian automotive industry is set to further improve its performance in FY2019 compared to FY2018. The industry forecasts sales growth of passenger vehicles in FY2019 at 8-10%, with utility vehicles growing at 14-15% and cars up between 8-9% in the domestic market.

The two-wheeler industry is slated to deliver a better performance at 11-13% growth, with motorcycles up by 9-11% and scooters growing higher between 13-16%. Scooters are finding a large market in the north-east and eastern states like Orissa, Bihar and Chhattisgarh, where vehicle penetration is still low. Some southern states also indicated a large preference for scooters as they are popular among women professionals.

Commercial vehicles, too, are pitted to continue their growth momentum in double-digits at 10-12%, with M&HCVs up by 9-11% and light commercial vehicles growing at 10-12%. More infrastructure development will spike up this business. Buses, meanwhile, will continue to

grow at less than 10%.

A revival of the economy post-demonetization and enforcement of GST are putting the country back on growth track. For instance, the GDP and economic reform programmes of the government are indicating positive signs of recovery. The GDP is marked to pan out at 7.6% during 2018, according to SIAM, giving a leg up to the industry and manufacturing activities.

A strong cyclical recovery in the global economy with the world growth projected at 3.7% in 2018, bank recapitalization, rural revival, and reforms such as Insolvency and Bankruptcy Code by the government will also give a fillip to the auto sector. While the overall investment outlook is expected to improve, a full-fledged private sector investment recovery is likely to be delayed.

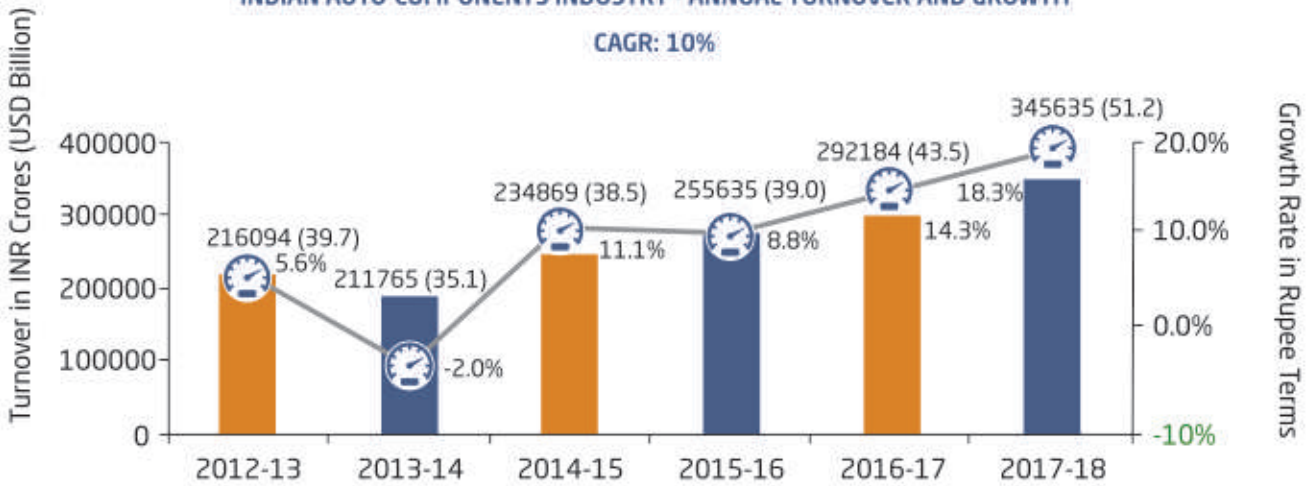
Two successive good monsoon years have put the rural economy on the growth track, boosting utility vehicles, motorcycles and small commercial vehicle sales in the rural

markets. But, one has to be cautious to the fact that three successive good monsoons are a rare phenomenon in the country, and 2018-19 could witness issues related to

rainfall, leading to a dip in the rural auto consumption. Overall, 2018-19 is expected to bring positive sentiments back into the market and rev up overall vehicle sales.

INDIAN AUTO-COMPONENTS INDUSTRY - ANNUAL TURNOVER AND GROWTH

CAGR: 10%



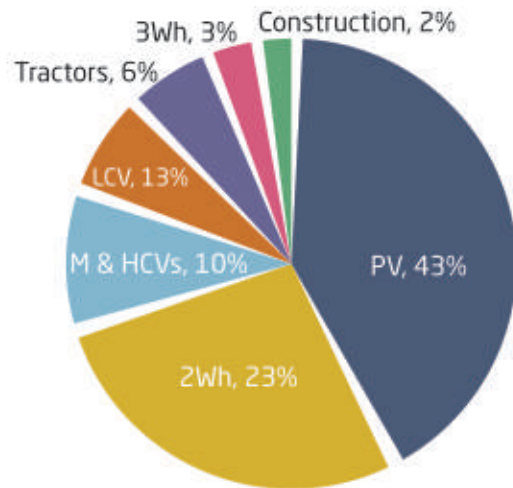
INDIAN AUTO-COMPONENT INDUSTRY

The auto-component industry grew by 18.3% to Rs 345,635 crore (USD 51.2 billion) in 2017-18. This includes supplies to domestic OEMs, aftermarket and exports.

In terms of supplies to OEMs, passenger vehicles had the maximum share of 43% share, followed by 2 wheelers with 23%, LCVs 13%, M&HCVs 10%, tractors 6%, 3 wheelers 3% and construction equipment 2%.

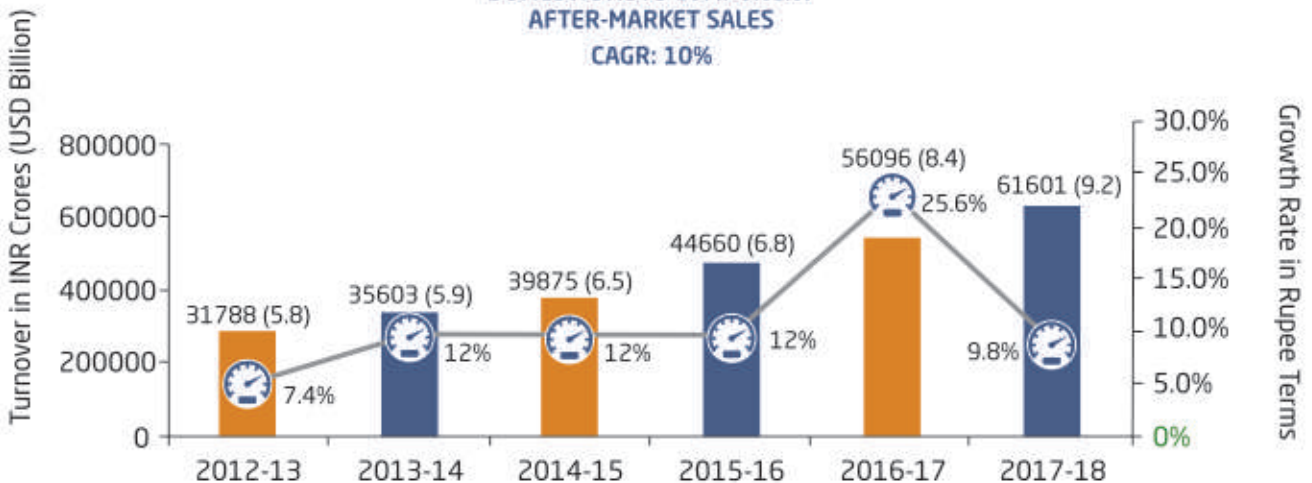
Domestic Aftermarket sales increased by 9.8% to Rs 61,601 crore (USD 9.2 billion) in FY2018 compared to FY2017. It should be noted that the methodology to calculate these numbers was revised in FY2017 after a comprehensive study undertaken by a leading consulting firm. Some of the large growth in FY2017 was due to this change. Adjusting for this, the 9.5% growth achieved in FY2018 is impressive.

SUPPLIED TO OEMS



DOMESTIC AUTO COMPONENT AFTER-MARKET SALES

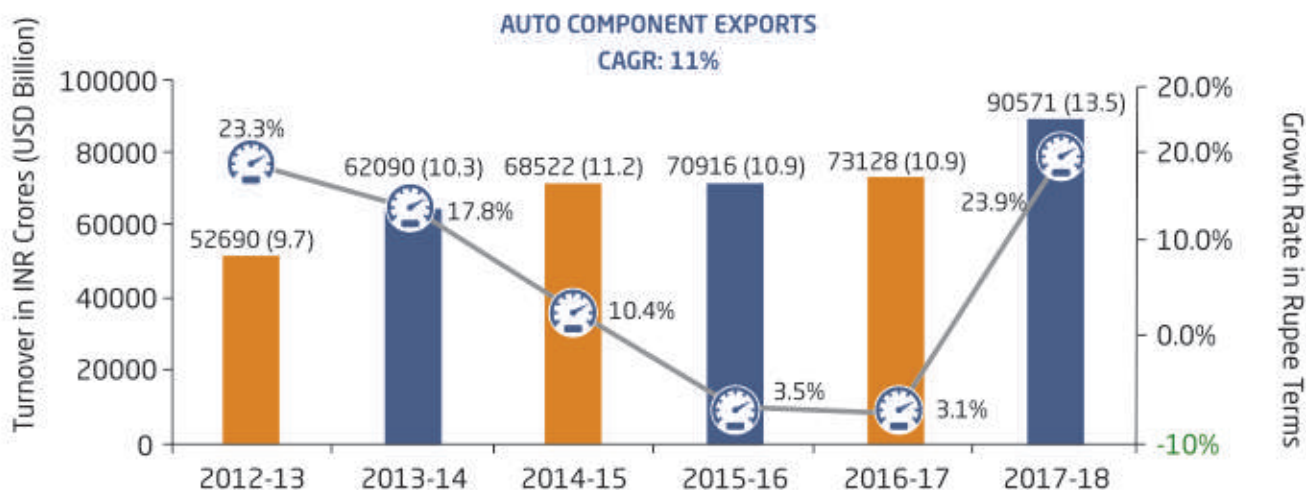
CAGR: 10%



EXPORTS

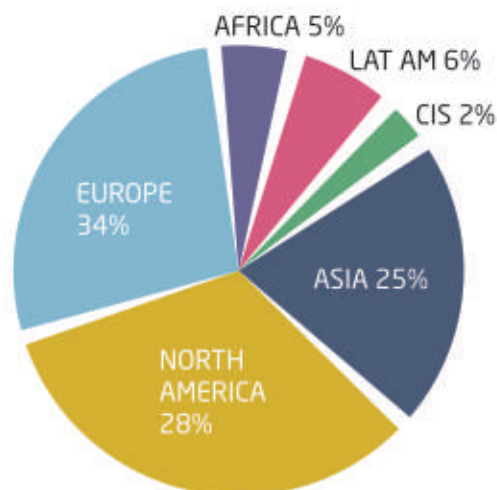
Auto-component exports continued to do well registering a strong 23.9% growth to reach Rs 90,571 crore (USD13.5 billion) in 2017-18 with strong growth across regions: 22% in Europe; 31% in North America; and 16% in Asia.

Imports of auto components increased by 9.3% from Rs.82,900 crore (USD 13.58 billion) in 2014-15 to Rs.90,600 crore (USD 13.82 billion) in 2015-16; Asia and Europe contributed to 58.6% and 30.9% of the imports respectively, while by North America accounted for 7.9%.



Europe continues to be the largest market for Indian auto-component exports with a share of 34% followed by North America at 28%; Asia at 25%; Latin America 6%; Africa 5% and CIS 2%. In terms of major countries as export destinations - USA with 23% remains the largest partner followed by Germany at 7%; Turkey and UK at 5% each; France and Italy at 4% each.

AUTO COMPONENTS EXPORTS - COUNTRY SHARE



EXPORT DESTINATION - TOP 10 COUNTRIES

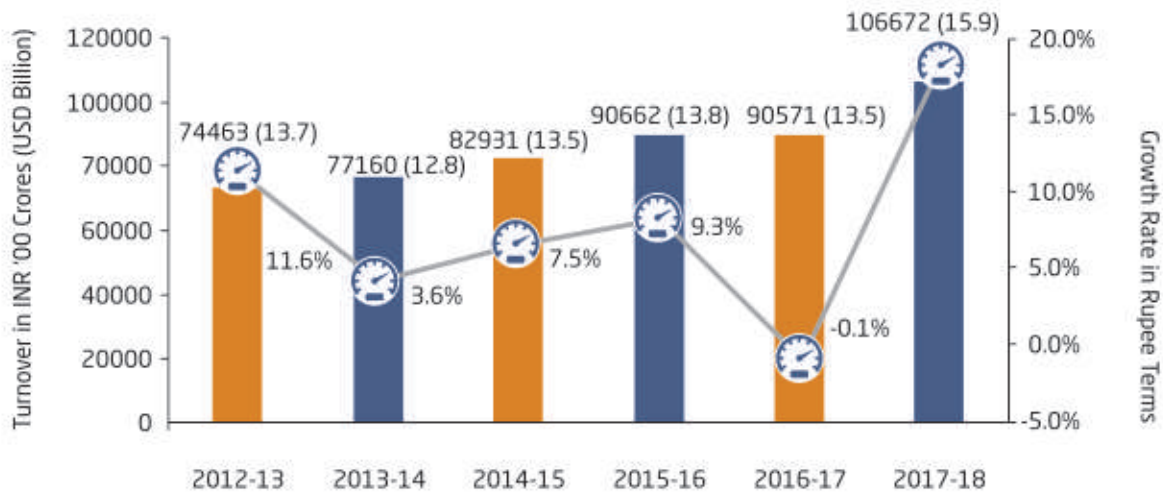
USA	23%	BRAZIL	4%
GERMANY	7%	THAILAND	3%
TURKEY	5%	FRANCE	3%
UK	5%	BANGLADESH	3%
ITALY	4%	MEXICO	3%

IMPORTS

With buoyancy in domestic production, auto-component imports also grew substantially by 17.8% to reach Rs 106,672 crore (USD15.9 billion) in 2017-18 with growth across regions: 21% from Europe; 33% from North America; and 15% from Asia, which is the largest source in size.

AUTO COMPONENT IMPORTS

CAGR: 7%

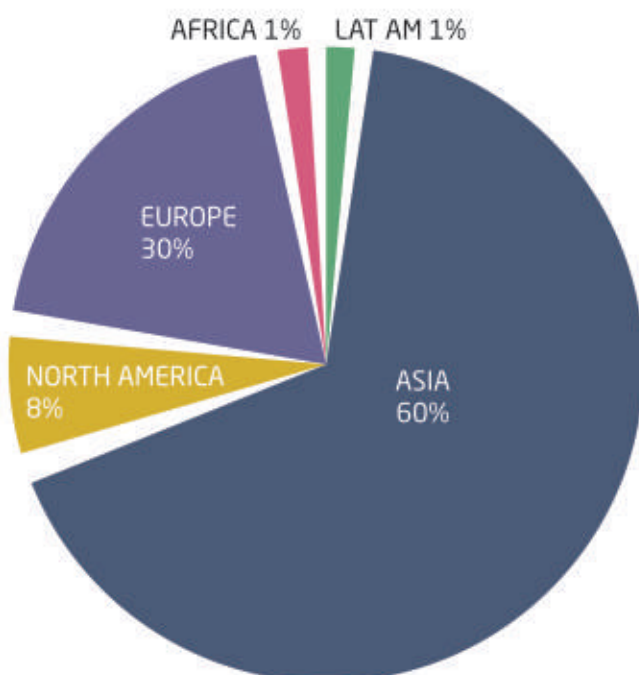


IMPORT SOURCE - TOP 10 COUNTRIES

Asia continues to be the largest source of imports for Indian auto-component with a share of 60% followed by Europe at 30%, North America at 8%, Latin America 1%, and Africa at 1%. In terms of major countries as source of imports - China with 27% remains the largest partner followed by Germany at 14%, Japan 11%, Korea 10%, USA 7%, Thailand 6%, Italy 3%, and UK, France and Czech 2% each.

CHINA	27%	THAILAND	6%
GERMANY	14%	ITALY	3%
JAPAN	11%	UK	2%
S KOREA	10%	CZECH REPUBLIC	2%
USA	7%	FRANCE	2%

AUTO COMPONENT 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 five decades whether it is global promotion or conducive policy environment or enhancing internal efficiencies of its members.

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

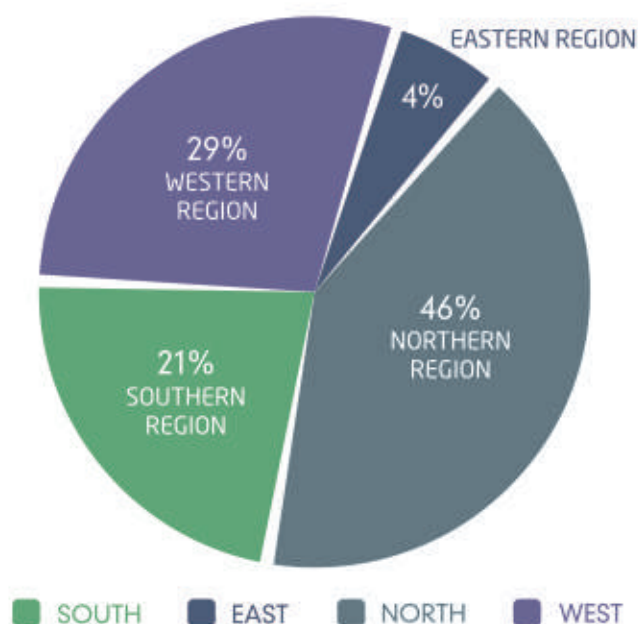
MEMBERSHIP

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

ACMA MEMBERSHIP (As of May 2018)

REGIONS	MEMBERSHIP
Eastern Region	31
Northern Region	376
Southern Region	165
Western Region	241
Total	813

ACMA MEMBERS - REGIONAL PRESENCE (INDIA)



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 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
- WP.29 and Subsidiary technical bodies of WP.29

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.

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.

COUNTRY	ORGANISATIONS	MOU Partners
Argentina	Asociacion de Fabricas Argentinas deComponentes (AFAC)	
Brazil	Brazilian Association of Automotive Components Manufacturers (SINDIPECAS)	
Canada	Automotive Parts Manufacturers Association (APMA)	
Egypt	Egyptian Auto Feeders Association	
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)	
Korea	Korea Trade Centre (KOTRA)	
Malaysia	Malaysian Automotive Component Parts Manufacturers Association (MACPMA)	
Mexico	Asociacion Nacional de Representates, Importadores de Distribuidores de Refacciones Y Accesorios Para Automoviles, AC (ARIDRA)	
Nigeria	National Automotive Council (NAC)	
Pakistan	Pakistan Association of Automotive Parts and Accessories Manufacturers (PAAPAM)	
Russia	National Association of Automotive Components Manufacturers (NAPAK)	
Sri Lanka	Sri Lanka Automotive Component Manufacturers Association (SLACMA)	
South Africa	The National Association of Automotive Components & Allied Manufacturers (NAACAM)	
South Korea	Economic Cooperation Agreement between Gunsan City, Jeollabuk-do Province, Republic of Korea & ACMA	
South Korea	Gwanju Aftermarket Council (GAC)	
Spain	Asociacion Espanola de Fabricantes de Equipos y Componentes para Automocion (SERNAUTO)	
Sweden	Scandinavian Automotive Suppliers Association (SASA)	
Taiwan	Taiwan Telematics Industry Association	

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)

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 Chairman and a co-Chairman for direction; sub-pillar Chairman/Co-Chairman can be a co-opted member or an invitee; guided by a consultant or subject matter expert (SME) from the industry, government or academia depending on activity under the pillar. Each Pillar is advised by a past president.

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

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

The Government Advocacy, Regulations and Research Pillar, engages with ministries in Central and State Governments and related statutory bodies, develops policy updates for the component industry, addresses concerns to the Government, interacts with other industry associations and trade bodies, focuses on knowledge building, supports

regions to address ministerial matters at the Central Government, and develops the annual Pre-budget Memorandum to the Government and related organisations.

The Education, Skilling, Leadership Development and Mentorship Pillar, has a multi-pronged set of deliverables across stakeholders. For ACMA members, it delivers specific assessment and certification programmes, supports and guides them to achieve internal improvements, and designs and specific skill development and training programmes. These objectives are also supported by organising and driving clusters, trainings, summits and conferences for understanding challenges and avenues to best leverage operational excellence and future manufacturing technology. It also organises international training programs. For the industry, as a whole, the cluster's mentor young talents to make them leaders of tomorrow and develops a pool of experts across business functions that can help individual members grow their businesses. It is actively developing the Centre of Excellence to develop new skills and talent to support the industry. The Pillar is also responsible for interfacing with the Automotive Skill Development Council, a joint initiative of ACMA, SIAM, FADA and the National Skill Development Council of the Government of India.

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

The Industry, ACMA image and PR Communications Pillar, supports in enhancing the overall brand of the industry and the association. It helps bring awareness and visibility for the significant contribution made by auto component industry and by ACMA to stake holders, and provides visibility to various ACMA activities and initiatives in both domestic and international markets. Utilising Public

Relation and Social Media as tools it brings higher visibility to the ACMA brand among internal and external audiences. It is the centre for all public relations activities for the association and is the custodian for managing all association related content in print or on the world-wide-web.

ACMA QUALITY POLICY

ACMA is committed to provide leadership and quality services to it's 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

A hand is shown pointing towards a glowing digital interface. The interface features a central car icon surrounded by concentric circles, with lines connecting it to other icons like a microchip and a document. The background is a complex blue and white digital pattern with various geometric shapes and lines.

INDUSTRY 4.0 & DIGITISATION

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

OFFICE BEARERS



President
Mr. Nirmal K Minda
Chairman & Managing Director
Minda Industries Ltd.



Vice President
Mr. Ram Venkataramani
Director
India Pistons Ltd.

Regional Chairpersons



Northern Region

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



Southern Region

Mr. P. Kaniappan
Managing Director
WABCO India Ltd.



Western Region

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



Eastern Region

Mr. Sanjay Sabherwal
Managing Director
Metaldyne Industries Ltd.

MARQUEE EVENTS

AUTO EXPO 2018 – COMPONENTS SHOW



ACMA hosted the 14th edition of Auto Expo - Components Show from 8-11 February, 2018, themed 'Automotive Technologies that Drive the World'. The event reflected the potential of Indian Auto Component Industry and received an overwhelming response from both exhibitors and trade visitors.

Spread across 60,000 square meters in seven halls and three hangars, the show witnessed participation from over 1,200 companies, which included 850 domestic and 350 international exhibitors. Over 115,000 dedicated trade visitors from 20 countries, contributed in making the event the largest OEM-focussed component expo of the world.

The show was inaugurated by: Mr. Suresh Prabhu, Minister of Commerce & Industry and Mr Anant Geete, Hon'ble Union Minister for Heavy Industries & Public Enterprises. Mr. Prabhu highlighted the need for the industry to develop global standards and further enhance its position in the global value chain. He talked on the Ministry's initiative in developing two auto clusters - one each on the east and west coasts. He also clearly conveyed his belief that the sector needed to step up its focus on exports for the next round of growth.

Ms Shobhana Kamineni, President, CII, cited a recent CII study and stressed the members to focus on 5 products in the industry where India had potential to be the number 1 or 2 player in the world. Complementing the industry, Abhay Firodia, President SIAM talked of the event being a platform from Indian auto-component industry to display their technology prowess and maturity in light of disruptions the industry is bound to face. Mr. Nimral Minda,

President, ACMA talked of the two major headwinds - transition in emission norms directly from BSIV to BS VI and embracing electric mobility that the industry is making all efforts to deal with.

In their attempt to stay relevant in the future, most of the exhibitors showcased products and services targeted at BSVI, electric vehicles and safety. The event witnessed visit by top OEMs leadership including those from MSIL, M&M, Tata Motors, Honda Cars, HMSI, Hero MotoCorp, Ashok Leyland, Hyundai, and many more. IPOs also showed active interest in the products and technologies displayed at the expo.

Other events and activities held on the side-line of the Expo included:

3rd New Delhi Automotive Summit: To set the tone of show, the 3rd New Delhi Automotive Summit on 'Making the Indian Auto Component Industry future ready' was organised on February 07, 2018, which witnessed deliberations by national and international automotive experts on mobility technologies for the future.

Safety Pavilion: Virtual reality games and Special displays to spread awareness on road safety.

6th Regional Workshop Owners Meet of AIAWA (All India Automobile Workshops Association)

Golf Tournament and similar networking events organised by CII and SIAM.





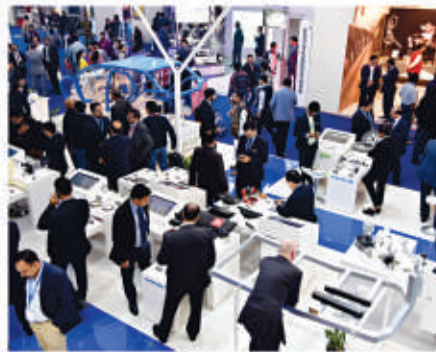
14th AUTO EXPO 2018

COMPONENTS

8-11 FEBRUARY 2018

 Pragati Maidan, New Delhi, India

www.autoexpo.in





ACMA AFTERMARKET EXPO - NORTH EAST



The 2nd edition of the ACMA Aftermarket Expo - North East, held in Guwahati, on 16-17 December 2017. The Expo attracted participation of over 50 players from member companies.

The event was inaugurated by Mr. Ravi Kapoor, Additional Chief Secretary of Assam and witnessed footfall of 1,500 delegates including dealers and distributors. During the event, special educational workshops were also organised for technicians and mechanics.

Mr Ram Venkataramani, Vice President-ACMA stated that

the NE region has a lot of potential to develop as an automotive hub. Especially for aftermarket, as significant infrastructural development is taking place in the region. He requested ACMA members to consider expanding their operations in North East, as aftermarket is a significant opportunity; Bangladesh, Myanmar, Nepal and other South East Asian countries also offer opportunity for exports.

The expo focused on the long term aim to create a major auto part distribution hub in the area to promote the reach of genuine auto-components and enhance the skill of local youth in repair and maintenance of vehicles.





3rd ACT SUMMIT AND ACMA AWARDS



The third edition of the ACT (ACMA Centre of Technology) Summit was organised at Pune on 8-9 December 2017. The theme of the summit was 'Digitising Auto Component Industry in India - creating Smart Factories'. It was attended by eminent personalities and delegates including Mr Anant Geete, Union Minister of Heavy Industries and Public Enterprises, Government of India, Mr Tom Flak (Tata Motors), Mr N K Minda (President - ACMA), and Mr Ram Venkatramani (Vice-President-ACMA).

The summit brought together national and international experts in the field of industry 4.0 who presented case studies on the advantages of automation and digitalisation. An exhibition on the side-lines of the summit

showcased what lies beyond automation for the automotive industry. With an endeavour to explore and promote Smart Manufacturing Solutions and Digitization in the industry, the event had in-depth sessions on related topics addressed by distinguished industry experts that focused on improving quality and moving towards smart manufacturing. The event was a great success and attended by more than 1,000 people

The ACMA Awards, the most coveted Indian auto-component industry recognition were given to 57 companies recognising their contribution across 13 categories.







ACMA PILLAR - ONE



**BUSINESS
DEVELOPMENT**



PILLAR STRUCTURE



KEY DOMESTIC INITIATIVES

Auto Expo Components 2018
Reverse Buyer Seller Meet
New Delhi Auto Summit
ACMA Aftermarket Expo
- North East

KEY INTERNATIONAL INITIATIVES

Automechanika - Frankfurt,
Dubai, Istanbul & New Delhi
AAPEX, Las Vegas
Iran International Autoparts Show
Taitronics (Taiwan)

PILLAR 1 - BUSINESS DEVELOPMENT

INTRODUCTION

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

Broadly, the activities of the Pillar includes:

- Strengthening existing business relationships and exploring new opportunities with OEMs, Tier 1s and Aftermarket.
- Organising domestic and international events such as Trade Missions, Trade fairs, Techshows, BSMs among others
- 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 / IPO/ Supplier Conferences
- Supporting Tier-2s/ MSMEs to scale up by connecting them to Tier-1s
- Organising workshops/ training programs to create awareness and addressing issues related to business development
- Conducting pertinent deep dive studies including market trends, business opportunities in diverse markets and product categories, trade practices and market regulations, in context of business development.
- Engaging/Interfacing with relevant Ministries/ Government agencies/ International associates for funding support for export promotion initiatives, for studies etc.
- Exploring adjacencies such as Defense & Railways etc.

ACTIVITY HIGHLIGHTS: 2017-18 INTERNATIONAL EVENTS

Buyer and Sellers Meet

18 and 20 April 2017: Ecuador and Chile In order to establish strong linkages amongst key stake holders in the automotive industry in this region, ACMA organised these meets. The overall response was impressive. Both these countries have a sizable after market and are expected to register good growth over the next five years. ACMA also invited importers from Ecuador and Bolivia and also organised a visit of the Indian companies to the aftermarket in Guayaquil and Santiago.



Mission to Japan

21-15 May 2018: A 25 member delegation led by the chief mentor of YBLF, Mr. Sanjay Labroo, visited Japan to further strengthen existing linkages and explore new opportunities. The delegates were exposed to prevailing best practices adopted by OEMs in Japan like Toyota, Suzuki and Honda. They also got an opportunity to participate in the Business Match Making Show organized by ACMA and the Automotive Engineering Expo organized by SAE.



AutoMechanika at NEC, Birmingham (UK)

6-8 June 2017: ACMA organised group participation for its members at this event, which had financial assistance from the Government of India's (MOC) under the MAI scheme. The ACMA pavilion was spread over 180 square meters with 23 exhibitors. This is the largest After-Market

exhibition in the UK with over 800 exhibitors and 12,000 visitors. Mr S M Chakraborty, Consul and Head of Chancery, Consulate General of India, visited the ACMA pavilion.



India - Korea Auto-parts Partnership Meet

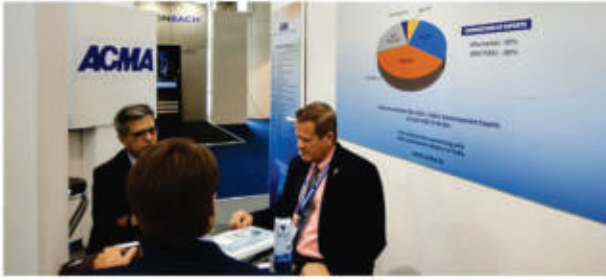
July 2017: This partnership meet was supported by the Ministry of Commerce and Industries, Government of India. During the meet, ACMA engaged with the Indian embassy in South Korea, Incheon Metropolitan City Government, Gwangju, Korea Chamber of Commerce and other local bodies to facilitate business visitors. Forty delegates from 28 ACMA member companies attended. The focus of the meet was on forming strategic partnerships, acquiring or collaborating for technology, and exploring global outsourcing opportunities. During the visit, ACMA also signed a MOU with Gwangju Aftermarket Council.



IAA 2017 at Frankfurt

14-24 September 2017: At the 67th IAA Cars, OEMs and suppliers issued key statements about the development of electric mobility and about classical combustion engines. 228 world premieres were celebrated at the event with German manufacturers alone accounting for over 150 electric models to be launched in the next few years with emission free and climate neutral cars. A slew of auto parts were displayed by Indian Auto-Component manufacturers. Mr Rick Snyder, Governor of Michigan, Mr Rich Fletcher, President and CEO of South Carolina, and Mr Sergio Dominique, Deputy Managing Director were among the prominent dignitaries who attended the Indian display. Mr N K Minda - President ACMA, Mr Ram Venkatramani, VP ACMA, Mr Ashok Taneja - Executive Committee member, Mr Vishnu Mathur - DG SIAM and Vinnie Mehta - DG ACMA were among the prominent Indian participants.





India - Europe Automotive Technology Meet at Frankfurt, Germany

11-16 September 2017: This partnership meet, supported by the Government of India, was held for the first time. It witnessed participation from 33 delegates from 32 companies amongst whom the Engineering Export Promotion Council (EEPC) had 7 member companies participating which was led by Mr. J S Bangar, Chairman - MSME Committee, ACMA. The objective was to strategize on partnerships and agreements for Indian automotive manufacturers with their counterparts in Europe and OEMs in the region to explore possibilities of acquiring or collaborating for technology and to look at global outsourcing. In addition, ACMA engaged with the Indian Embassy in Germany, German Automobile Industry Association (VDA), Indian German Chamber of Commerce (IGCC) and other local bodies to facilitate business visitors.

Prior to this meet, ACMA organised a 4 day visit to Stuttgart, Germany from 11th to 14th September 2017, which included visits to Ministry of Economic Affairs at Baden-Wurttemberg, to understand the functioning the automotive industry and the global players located in the region with a focus on understanding the challenges and working of start-up companies in Europe. There were also visits to other key manufacturers like Bosch, Festo, MTU and ZF. Mr. Anant G Geete, Indian minister for Heavy



Industries and Public Enterprises, visited the India day held at the same venue prior to this meet and inaugurated the event where he complimented ACMA for getting a

delegation to showcase Indian manufacturing capabilities and develop exports. The India Europe Automotive Technology Partnerships Meet, held on 15th and 16th September 2017 witnessed visits of over 170 European companies and around 180 business-to-business meetings were held at Frankfurt, Germany.

Participation at Taitronics - 2017

11-14 October 2017: Electronics and information and Communication Technology (ICT) is rapidly transforming the concept of mobility and the use of electronics in automobiles is the primary driver of this transformation. The global auto-electronics market is estimated to be US\$200 billion by



2020. Taiwan is one of the world's largest developers of automotive electronics and the estimated revenues of the Taiwanese electronics sales is US\$ 7 billion in 2016. It has developed a smart base in mobility including the EV segment, especially in 2-3 wheelers. To leverage the opportunities offered by Taiwan, in this field, ACMA with FICCI and the Department of Industrial Policy and Promotion (DIPP), Government of India participated at this event under the 'Make in India' banner. On the sidelines of this event, ACMA took a 7 member company delegation to



explore opportunities in auto electronic and EV components with Taiwanese companies. Mr. Ajay Prakash Sawhney, Secretary, Ministry of Electronics and Information Technology (MeitY) led the delegation. During the visit, ACMA also participated at the India-Taiwan Industrial Collaboration Summit 2017, which was jointly organized by the Chinese National Federation of Industries (CNFI) and the Institute for Information Industry. This summit focused

on Electronic Manufacturing, Smart City, Green Technologies, Electric Mobility and Auto Electronics. Mr. Kiran Deshmukh (Sona BLW) presented on the opportunities and challenges in the EV segment in India. Mr. Sandeep Sharma (Minda Industries) also made a presentation at the summit on the importance of auto electronics in vehicles. On the sidelines, ACMA also organised B2B meetings and additionally managed to organise two plant visits to Taiwanese companies - Gogoron and Mobiletron.

Business Matchmaking Expo in Argentina

23-24 October 2017: The expo in Argentina, supported by the Indian Embassy in Buenos Aires and counterpart associations AFAC, FACCERA and CIRA, was inaugurated by Mr. Sanjiv Ranjan, Indian Ambassador to Argentina. Around 90 buyers, which includes retailers, wholesalers, dealers and distributors visited the expo at Hotel Emperador. The event included B2B meetings and a seminar.



Business Matchmaking Expo in Mexico

25-26 October 2017: The expo was inaugurated by Mr. Muktesh Pardeshi, Ambassador of India in Mexico accompanied by the representatives of the National Autoparts Industry (INA) and the National Association of Representatives, Importers and distributors of Parts for Automobiles (ARIDRA). Highlighting the strength of the bonds between Mexico and India, the ambassador stressed on building further relationships for more intense business partnerships to promote trade and investments. The Indian companies also got to visit the local after markets for autocomponents.



AAPEX at Las Vegas

31 October – 2 November 2017: USA ACMA organised group participation of members at the event with 20

member companies present and a pavilion spread across 1,800 sq ft. This is the largest event for the global autocomponents after market and featured more than 2,200 exhibitors, 5,000 booths, 40 AAPEX edu sessions and approximately 44,000 targeted buyers. More than 158,000 automotive aftermarket professionals from 140 countries were estimated to be present at the event. Alongside the show, ACMA engaged with all global OEMs to explore opportunities with member companies. Further, ACMA also discussed opportunities with leading autoparts' retailers in USA exploring the potential of undertaking a roadshow or tech expo and also invited them to the Indian Auto Expo 2018. Meetings were also held with MoU partners Motor Equipment Manufacturers Association (MEMA), AutoCare and Automotive Aftermarket Suppliers Association (AASA) to strengthen ties.



Iran Auto-parts International Fair

13-16 November 2017: The event witnessed participation of 35 member companies. The secretariat also had meeting with ISMAPA: Iranian specialised manufacturers of Autoparts Association and Iran KHODRO - The Premium Iranian OEM and requested them to mount a business delegation to the forthcoming Auto Expo - Components.

Tech Expo in China

4-8 December 2017: The China's auto market, today is the largest in the world and growing local auto industry present a huge upside opportunity for India auto component suppliers. To leverage on this opportunity, an exclusive Tech Expo was organised with two major Chinese OEMs - Beiqi Foton Motors and Ford China in their premises in Beijing and Nanjing respectively. The objective was to showcase Indian auto component players' capabilities and products to these Chinese OEMs. Based on the OEM's product selection, 16 Indian auto component manufacturers displayed their products.



Gearing up for Indian autoparts Business Matchmaking Expo, Japan

6-8 March 2018: The President ACMA, Mr Nirmal Minda and Mr Amit Mukherjee, Deputy Executive Director, travelled to Japan to meet all stakeholders and OEMs to request their support for the Indian auto parts Business Matchmaking Expo scheduled later in May 2018. Meetings were held with the Indian Embassy in Tokyo, ACMA's MoU partner JAPIA, JCCI, JETRO, Nissan, Grant Thornton, Daimler and Deloitte and their full support was extended for the future ACMA event. Mr. Minda also met with Mr. Masayuki Oshita, Managing Director Japan Auto Parts Industries Association and discussed joint future events between India and Japan.



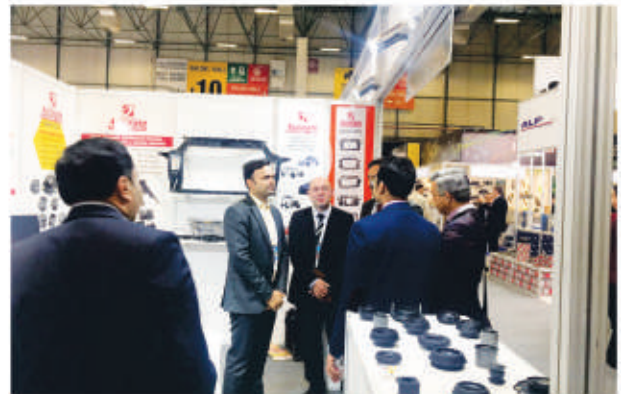
Second 'G-7' Global Automotive Suppliers Associations Meeting, Geneva Switzerland

12-13 March 2018: The meet to discuss the importance of supporting a global automotive value chain and reflect on the challenges facing the sector included representatives of the 7 leading automotive suppliers' associations from major vehicle regions globally - Brazil, Canada, Europe, India, Japan, Mexico and USA. Such a dialogue was valuable and necessary given the highly globally integrated nature of the vehicel industry and their associated opportunities and challenges. The focus was to promote a fair and rule based trade regime between the various regions. The meeting was hosted by CLEPA, the European Association of Automotive Suppliers and was attended by representatives of ACMA, APMA (Canada), INA (Mexico), JAPIA (Japan), MEMA (USA), and SINDIPECAS (Brazil). The participants exchanged views on th elatest developments and mega-trends in the automotive and mobility sectors.



Participation at Automechanika, Istanbul - Turkey

5-8 April 2018: ACMA had taken 162 sq. mtrs of space at the event with 19 member companies participating. This was an important event since the cost of manufacturing in Turkey is high and provides Indian companies opportunities to expand their footprints in the global arena. In this environment, the event provided the right platform to display the country's technology.



Participation at Automechanika, Dubai

1-3 May 2018: ACMA, with the support of the Ministry of Commerce, participated for the 5th straight year at the 16th edition of this event held at the Dubai World Trade Centre. It is one of the largest dedicated automotive aftermarket trade fairs in the world hosting 1,812 exhibitors from 61 countries with around 27,600 visitors from 146 countries participating in this edition. 50 ACMA member companies participated and showcased their latest and best aftermarket products, technologies and capabilities. The India pavilion was inaugurated by Mr. Vipul, Counsel General of India in Dubai. The ACMA president, Mr. N K Minda also visited the pavilion.



Indian Auto Parts Matchmaking Expo at Yokohama, Japan

23-25 May 2018: The second edition of this expo was organised along with the Automotive Engineering Expo to showcase the capabilities of India suppliers including frugal engineering and manufacturing excellence.

Delegation visit to China exploring EV technology developments

7-10 May 2018: Under the leadership of Mr Nishant Arya, JBM Group, a delegation of 13 Indian auto component manufacturers visited China to meet companies in the EV ecosystem. The objective was to understand and explore possible ways of cooperation, opportunities to enhance business linkages and forming JVs in EV technology. During the 5 day mission, the delegates visited Dynamic Power - Beijing, CATL - Fujian, BYD - Shenzhen, Sin Excel - Shenzhen and an EV Expo in Gunagzhou.



NATIONAL

2nd edition of iAutoConnect

12 October 2017: With the support of Ministry of Commerce, Government of India, ACMA organised the second edition of this event at Gurugram. The event showcased a wide variety of quality products to 160 international buyers from 45 countries across the world. Over 140 Indian manufacturers displayed their products and technologies showcasing the rapidly growing capabilities of the Indian auto-component industry. During the event, ACMA signed a MOU with Asociacion Nacional de Representantes Importadores Y Distribuidores de Refacciones Y Accesorios Para Automoviles, AC (ARIDRA), Mexico and Asociacion de Fabricas Argentinas de Componentes (AFAC), Argentina to support technology co-operation, promote bilateral trade and exchange regular market information between members and associations.



ACMA Value Chain Summit, Gandhinagar, Gujarat

18 May 2017: The two-day summit showcased the capabilities of 200 auto component makers, both Tier-1s and Tier-2, to OEMs based in Gujarat. It was inaugurated by the Chief Minister of Gujarat - Mr. Vijay Rupani at the Mahatma Mandir. The event aimed at creating a robust automotive ecosystem in the state, highlighting the business opportunities for the auto component manufacturers and established a forum for dialogue between government and industry.

Workshop on 3D Printing

29 June 2018: The workshop focused on the working of 3D printers and its advantage over conventional methods, materials used in 3D printing, live designing and integration of 3D printing and its R&D application. Speakers also spoke



on the use of 3D printers for select parts like steering wheels, 3D prototyping and side mirror designs.

3rd New Delhi Automotive Summit

7 February 2018: The Conference focused on deliberations around gearing up the Indian auto-component industry for a fundamental shift from traditional ICE based platforms to cleaner electric and autonomous vehicles. Automotive experts from around the world participated and a white paper on 'Making Auto Component Industry Future Ready' was prepared and presented by Grant Thornton, the knowledge partner for the summit.



REGIONAL

EASTERN REGION

Member's interaction with President, ACMA

14 April 2017: The annual meet and interaction of members of the region with Mr. Rattan Kapur, President, ACMA, was held at Jamshedpur. He addressed the members preparing them for the advent of electric cars and the growth potential of the Indian auto-component industry. Mr. Killol Kamani, Chairman, ACMA (Eastern Region) highlighted the imperatives to inculcate an ethos of competitiveness by achieving high productivity and quality for companies in a globalized environment.



Members Interaction

16 October 2017: An all members' interaction was organized at Jamshedpur, which was addressed by Mr. Ranjot Singh, Co-Chairman Eastern Region; Mr. Killol Kamani, Past Chairman, ACMA Eastern Region; and Mr. Sanjay Sabharwal, Chairman Eastern Region. Mr. Tapas Sahu gave a presentation on the scope of business opportunities in the Indian Railways.



Members Interaction & Opportunity for business growth & development

16 March 2018: A members interaction was organised with Mr. Y K Lee, CEO and Director Procurement Division, Hyundai India. The event, organised at CME Jamshedpur focused on building a strategic collaboration between Indian and Korean companies for business development. Mr. Sabharwal, Chairman ACMA Eastern Region and Mr. Ranjot Singh, Vice Chairman ACMA Eastern Region addressed the gathering and highlighted on the opportunities present in promoting and forging collaborations with Korean companies.



NORTHERN REGION

Annual Interaction with ACMA President & Vice President

10 November, 2017: ACMA organised an annual interaction of regional members with the ACMA President and Vice President. The president emphasised on ACMA's interaction with government that aims to present a proposal for a technology-neutral road map for electric mobility, encourage R&D in the auto component industry as also the need to set up an ACMA Centre of Excellence. He also mentioned about the new initiatives of ACMA 'New Tech show with Maruti'.



Annual interaction with ACMA President and Vice President

30 November 2017: An Annual interaction of Northern region members with the ACMA President and Vice-President was organized at Delhi. During the meeting, Vinnie Mehta - ACMA Director General - emphasized on increasing the ACMA membership in the region. Mr. Nirral Minda, President ACMA, stressed on the need for the industry to focus on quality products. He also highlighted that the efforts of the Committee on Government Affairs was successful in reducing GST rates for the industry. Mr. Virn Popli - Mahindra and Mahindra - addressed the gathering highlighting efficacies of complete value chain analysis.



ACMA MSIL Tech Show

22 - 23 January, 2018: ACMA with the support of Maruti Suzuki India Ltd. organized the first ever Technology Show. A total of 36 companies participated to showcase their products to MSIL in order to explore the opportunity as a supplier. The Technology Show in Maruti was inaugurated on both the days by Mr. K Ayukawa, Managing Director and Mr. Sunil Kakkar, EVP - Supply Chain Maruti Suzuki India Ltd.



Special Interactive Session with Mr Neeraj Mathur Hero MotoCorp Ltd

14 March 2018: An interaction was organised with the supply chain team of Hero Motocorp Ltd. The objective was to understand future industry scenarios in a dramatically changing business environment. Mr. Deepak Jain, Chairman - Northern Region, briefed on the regional activities and congratulated Hero Motocorp for being an outstanding company for over the last 17 years. Mr. Neeraj Mathur (VP-Hero Motocorp) addressed the special interactive session highlighting the Company's development through its core values (3P) and vision. The evening interaction was concluded with vote of thanks by Mr. Sunil Arora, ACMA Chairman (Northern Region).



The ACMA leadership included Mr. Ram Venkataramani (IP Rings), Mr. P Kaniappan (WABCO), Ms. Shubha Kumar (Natesan Synchocones) and Vinnie Mehta (DG ACMA).

Opportunity to Enhance & Strengthen Business Linkage with IPO's

24 November 2017: The IPO's forum conducted its quarterly meeting at Chennai where focus was on opportunities to strengthen and enhance business relationships with IPOs. 28 member companies had direct meetings with 11 IPOs. Ms. Shuba Kumar, Co Chairman ACMA Southern Region, welcomed the IPOs and participants. Mr. K V Praveen, Chairman - IPO Forum also addressed the meeting.



SOUTHERN REGION

First Ever Hyundai Tech Show

9-10 October 2017: The first ever joint tech show with a global auto company - Hyundai Motors - was organised at the Hyundai R&D Centre at Sriperambudur. The Tech show was aimed at highlighting the capabilities of ACMA members and others in the supply chain for localisation and product development for Hyundai Motors. 27 companies from amongst 800 ACMA members and select non-members were shortlisted to showcase their capabilities. Over 530 visitors attended the show, which was inaugurated by Mr. Y K Koo, MD Hyundai Motors India along with Mr. D I Son, Mr. S T Kwon, Mr. S G Mani, and Mr. D Murali.



Interactive Session with Mr. Erich Nesselhau, MD & CEO of Daimler India Commercial Vehicles

19 January 2018: Interactive session was organised with Mr. Erich Nesselhau, MD & CEO of Daimler India Commercial



Vehicles. Mr Nesselhauf highlighted on how his organisation being global with proven track record created truly local quality products in India. He also talked of the changing market dynamics with new regulations and global technology changes. The interaction had participation of over 150 people.

WESTERN REGION

Conference on 'Road Ahead for the Indian Automotive Industry: high-end exports and revitalising the global supply chain'

11 April 2017: In association with Siemens Industry Software, a conference on 'Road Ahead for the Indian Automotive Industry: Realising systems of systems for boosting high-end exports and revitalising the global supply chain' was organised at Pune. Keynote speakers included Mr. Martin Jones, Head - Quality Engineering Department of ERC Tata Motors and Dr. Sanjay Arole, Head (QA-Materials Technology Laboratory) Volkswagen India. The core deliberations were on the ways the Indian industry could align itself to the emerging technology challenges and disruption.



4th Buyers Sellers Meet

19-20 May 2017: The buyer-seller meet was held at Ahmedabad, Gujarat, showcasing the state as a potential investment hub for automotive manufacturing. This provided a meaningful platform for business across different tiers in the supply system to engage with each other and explore new business potential. 45 auto-component manufacturers from all over India showcased their products. The Chief Guest - Dr. J N Singh, Chief Secretary, Government of Gujarat, the Chief Guest for the event, assured the commitment of the state to support and develop the auto-ancillary industry in the region. Mr Rattan Kapur, President - ACMA, congratulated the Government of



Gujarat for proactively addressing all concerns of the

automotive components industry in the state and drew the members' attention towards the impact of new regulations related to emissions, electronic vehicles and disruptive technology.

B2B meeting of ACMA IPOs forum

28 July 2017: A B2B meeting was organised ACMA IPOs forum at Rajkot including 27 auto-component manufacturers and eight IPOs - CNH, Electrolux, Getrag, Isuzu Engineering, Kubota, Meritor, Paccar and ZF, attended the event. Mr Piyush Tamboli, Chairman ACMA (Western Region) conveyed that the objective of organising such activity is to provide Indian auto-component companies to showcase and share their capabilities with large global OEMs. Mr. K V Praveen, Co-Chairman, IPOs Forum ACMA pointed out the need to focus on five key points - programme management, improve supply chain, improve quality of tier-2 suppliers, improve design capability and be cost competitive - to help augment exports.



5th Golf Tournament

19 November 2017: The 5th edition of the invitation golf tournament and networking dinner was held at Pune. OEMs, ACMA members and eminent golfers participated. The event also had defence sector participation. In all, 72 golfers participated and Dr. Abhay Firodia was the Chief Guest for the awards distribution.





ACMA PILLAR - TWO



**GOVERNMENT
ADVOCACY,
REGULATIONS &
RESEARCH**



PILLAR STRUCTURE



N. K. MINDA
CHAIRMAN



RAM VENKATARAMANI
CO-CHAIRMAN



A.K. TANEJA
ADVISOR



VINNIE MEHTA
DIRECTOR GENERAL, ACMA

TAXATION



S MALHOTRA
CHAIRMAN

REGULATION



P KANIAPPAN
CHAIRMAN

ADVOCACY & RESEARCH



N K MINDA
CHAIRMAN



DEEPAK JAIN
CHAIRMAN (NR)



S SABHERWAL
CHAIRMAN (ER)



P KANIAPPAN
CHAIRMAN (SR)



P TAMBOLI
CHAIRMAN (WR)

KEY INITIATIVES

Rationalization of Taxes & Duties
Recommendations for various Trade Agreements, New Automotive Policy, Export Promotion Policy FAME-II, and Technology Development fund for industry
HR Whitepaper on Improving Industrial Relations
Study on E-Mobility Roadmap
Study on Roadmap for Internationalisation

PILLAR 2-GOVERNMENT ADVOCACY, REGULATIONS & RESEARCH

INTRODUCTION

In the new organization structure, this pillar has subsumed 4 committees of ACMA that included Public Policy and Government Affairs; Technology, Safety and Regulatory Matters; Electric Mobility; and KP Engagements

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

The objectives of the pillar includes:

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

ACTIVITY HIGHLIGHTS: 2017-18

EASTERN REGION

Seminar on GST

12 May 2017: Thirty three delegates attended an interactive session on GST, which was conducted by Mr Avishek Jaiswal, Senior Manager, Ernst and Young, where all issues about the new GST tax regime was elucidated.



Awareness Session on Labour Law

10 November 2017: A session on creating awareness on labour laws was organized at Jamshedpur. The three segments at the event covered issues like Contractual labour and related laws; Prohibition of Sexual Harassment (POSH) against women at the Workplace; and Factory Law. These were conducted respectively by Mr. Pramod Kumar, retired senior executive TML, Ms. Preeti Sehgal, JUSCO, and Mr. S T Jamal. Thirty delegates attended the event.



NORTHERN REGION

ACMA Members Interaction with RIICO

12 May 2017: A state level interaction of ACMA Northern Region members with RIICO officials including Ms. Mugdha Sinha, MD RIICO, Mr. Anil Sharma, Chief Manager and Mr. Lokesh Vijay AGM, RIICO was organized. The delegation, led by Mr. Sunil Arora, Chairman ACMA Northern Region, emphasized the objective of building stronger relationship with RIICO to promote hassle free investment in the state of Rajasthan. Ms. Sinha urged ACMA members to take initiatives in developing skill centres in the region and specified how RIICO provided financial schemes for industries.



National Conference on GST

17 May 2017: National conference on GST was held at New Delhi, which was attended by Mr. Vishvajit Sahay, Joint Secretary, Department of Heavy Industries, Ministry of



Heavy Industries and Public Enterprises, Government of India. Mr. Sanjay Malhotra, Chairman, ACMA GST working group, Mr. Nirmal Minda, ACMA Vice President. Ms. Sarika Goel - Partner, Indirect Tax E&Y, Mr. Sundeep Gupta - Partner, Indirect Tax ASA and Associates, Colonel Pankaj Dikshit - Senior VP, Goods and Service Tax Network (GSTN); and Mr. Brijesh Ranawat - Senior Business Development Manager, GST - SAP India, addressed several issues related to business operations in the new GST environment in India.

ACMA NR Committee meet with Haryana's Mr SPS Chauhan, Deputy Excise and Tax Commissioner

16 June 2017: A delegation of members from the Northern Region, led by Mr. Sanjay Malhotra, Chairman, ACMA GST working group, met Mr. S P S Chauhan - Deputy Excise and Tax Commissioner, North, Government of Haryana. Mr. Chauhan assured his offices' full support and help in GST initiations for ACMA members.

Preliminary Interaction with Haryana CM's core group for Auto/Auto components

2 November, 2017: A preliminary interaction was organized between ACMA past presidents and the core group of auto-component and auto manufacturers where Mr. Sunil Sharma, Chief Coordinator Industries cum HoD (HSIIDC), Government of Haryana was also invited. The meeting was convened by Mr. Nirmal Minda, ACMA president. Critical industry related issues were discussed and the meeting was a follow up to the 9 October 2017 meeting with the Chief Minister - Mr. Manohar Khattar.



Meeting with Additional Commissioner of Faridabad

23 October 2017: Members met with the new District Commissioner of Faridabad, Haryana - Mr. Sameer Pal Srow and his council of officials from the electricity, water, pollution, trade and tax departments. Ms. Meenakshi Narayanan, regional secretary and director, ACMA Northern

Region presented an industry overview, while Ms. Manasi



Das, Head HR Vikas group shared some labour related industry concerns. These were well received by the Commissioner and he requested for a formal process to be institutionalized for dealing with each of those issues.

2nd National Conference on GST

28 February 2018: National Conference on GST was organised in Delhi, which focused on various developments and initiatives taken post the implementation of GST in mid 2017 to streamline the entire new tax regime. Mr. Deepak Jain, ACMA Chairman (Northern Region) and Mr. Sanjay Malhotra, ACMA Chairman, GST working group, highlighted on industry's response to the new tax regime and ACMA's support in effective implementation. Tax experts from various global firms discussed on issues related to the new GST regime.



SOUTHERN REGION

Meeting on clarification on GST

11 April 2017: Interactive session on clarifications related to GST implementation with Mr. Vinod Kumar, IRS, Commissioner of Central Excise and Service Tax. He stressed on the industry to get into compliance mode and highlighted that the benefits would be noticeable soon.



Presentation and participation at the parliamentary standing committee on commerce – Indo – ASEAN FTA

24 April 2017: ACMA made focused presentation on its perspectives on Indo-Asian FTA to the 15 member standing committee on Commerce in Chennai. Mr. Srivats Ram, Past President, ACMA presented the associations analysis on the agreement's impact on the industry trade with ASEAN countries citing examples and data on the adverse outcomes. ACMA's recommendations included country/market specific trade barriers, non-trade barriers within ASEAN countries and some suggestions for trade negotiations.



Meeting with Principal Secretary Industries and Executive Vice Chairman - Guidance Bureau, Government of Tamil Nadu

3 July 2017: ACMA members interacted with Tamil Nadu Government officials - Mr. Kautaliya Mishra, IAS, Principal Secretary to the Government of Tamil Nadu, Industries Department and Ms. Shilpa Prabhakar Satish, IAS, EVP Guidance Bureau on formulating the 'single window policy' for the state. The Government's knowledge partner - Deloitte - presented on the aspects being covered under the proposed policy. ACMA's inputs were noted by the Government.

Post GST implementation session on clarification & practical issues

10 August 2017: A session on experiences, challenges and practical issues faced post GST implementation where a good mix of subject experts presented. Ms. V Sridevi, Superintendent, GST and Central Excise and Mr. Karunakar Reddy, Superintendent, GST and Central Excise explained the various concepts and formalities through a detailed presentation. Mr. Rahul Garg from Moglix, explained the five steps required by an ASP provider for GST and Mr. Vinodh, Director PwC explained the journey so far in GST implementation.



ACMA at the Electric mobility stake holder meeting organised by Government of Andhra Pradesh

10 November 2017: Mr. Chakravarthi C (Kusalava International) and Mr. Anil Kumar Unni (Regional Secretary-ACMA) represented the industry in a stakeholders' meeting on electric mobility organised by the Andhra Pradesh government. The meeting helped the government garner all inputs from stakeholders prior to drafting the state's electric mobility policy.

Special Session on Post GST interactive Session



11 November 2017: A session on clarifications related to GST implementation was organised as part of the Automotive Engineering Show organised by Messe Frankfurt at the Chennai Trade Centre. Ms. V Sridevi and Mr. Karunakar Reddy, superintendent from the revenue and GST department interacted with members. Mr. S Vinod (PwC) was the knowledge partner. 48 people including ACMA members and automobile company officials attended.

White paper on E-mobility

19 January 2018: Dr. Tapan Sahu (Chairman, SIAM Frontier Technology group) presented SIAM's whitepaper on adopting pure electric vehicles and interacted with members on the subject in Chennai and interacted with Southern Region members and the Executive Committee. Mr. N K Minda (President ACMA) thanked Mr Sahu for bringing out such a detailed and well thought out white paper.

WESTERN REGION

Launch & Introductory Session: ACMA (WR) – GST implementation Handholding for Smooth Transition

11 April 2017: A knowledge session on GST implementation was conducted for members at Pune. The programme was designed as an ongoing 'handholding' exercise for participants to assist companies with GST enrolment/migration, GST impact assessment and assist with first 3 months of GST returns. This was organised by ACMA-Western Region in collaboration with the CA firm - Inamder and Bhalerao.



Interactive session on 'GST Transition and The Way Forward'

14 and 16 June 2017: A session on 'GST Transition and The Way Forward' was organised in Pune and Ahmedabad respectively to create adequate awareness and share knowledge amongst members to ensure smooth transition to the GST regime. Mr Prashant Nandekar, Joint Commissioner of Sales Tax, Pune, highlighted the difficulties MSMEs had in moving to the GST environment and the support they needed from the GoI. In Ahmedabad, Mr. V V Dave, Joint Commissioner - Ahmedabad Division 1



and Mr. B K Mankad, Joint Commissioner - Corporate Commercial Tax, Government of Gujarat provided updates. 86 and 49 delegates respectively attended at Pune and Ahmedabad respectively.

Session on Gujarat Industrial incentive scheme

16 June 2017: A session was held at Ahmedabad to create awareness of the various incentive schemes of the Gujarat Government. Mr. D R Parmar, Deputy Commissioner of Industries, Government of Gujarat, elucidated the different incentive schemes of the State Government and issues related to them, especially for the auto-component sector.

18th WR HR Forum Meeting

1 August 2017: The 18th AMCA Western Region HR Forum meeting was organised at the facilities of Lumax Industries in Chakan, near Pune. Apart from HR related issues the implications of the new GST regime was also discussed. CMA Rahul Chincholkar made the subject presentations. The programme was attended by 31 HR specialists.



Seminar on Auto Electronics - Emerging Future Trends

17 August 2017: Seminar on emerging trends in auto electronics was organised at Pune. The programme related to developments in technology, regulations, and market opportunities, which was disseminated at a cluster level. Mr. Kaushik Madhavan, Frost and Sullivan led the discussions, while Mr. Suresh D, Minda Corporation and Mr. Santosh Datta, Bosch Ltd also made presentations. The seminar was followed by a visit to the Spark Minda Technical Centre. It was attended by 36 delegates.



ACMA gets India Auto Inc talking on impact of BS VI

25 September 2017: The National Conference and Technology Display on leapfrogging from BS IV to BS VI and its implications on the auto-component industry was organised in Pune. The three session event had around 125 participants from ACMA, SIAM and Tier 1 suppliers. The prominent dignitaries at the event included Mrs. Rashmi Urdhwarshhe, Director, ARAI; Vinnie Mehta DG, ACMA; Piyush Chamboli, Chairman, ACMA (Western Region); Piyush Munot Co-Chairman, ACMA (Western Region); Ashim Sharma, Nomura Research Institute; Prashant Banerjee, Deputy ED (Tech) SIAM; Dr. Anuradda Ganesh, Cummins India; and Mr. Girish Ramaswamy PES Systems Engineering India. The knowledge session on OEM's outlook was addressed by Mr. Jacob David Raj, Mahindra and Mahindra, and Mr. K Veeramani, Tata Motors. There were also technology displays from ARaymond Fasteners India Limited, BAPL Rototech, Helvoet Rubber and Plastics Technologies, Knorr-Bremse Systems, Schaeffler India and Renishaw Metrology Systems.





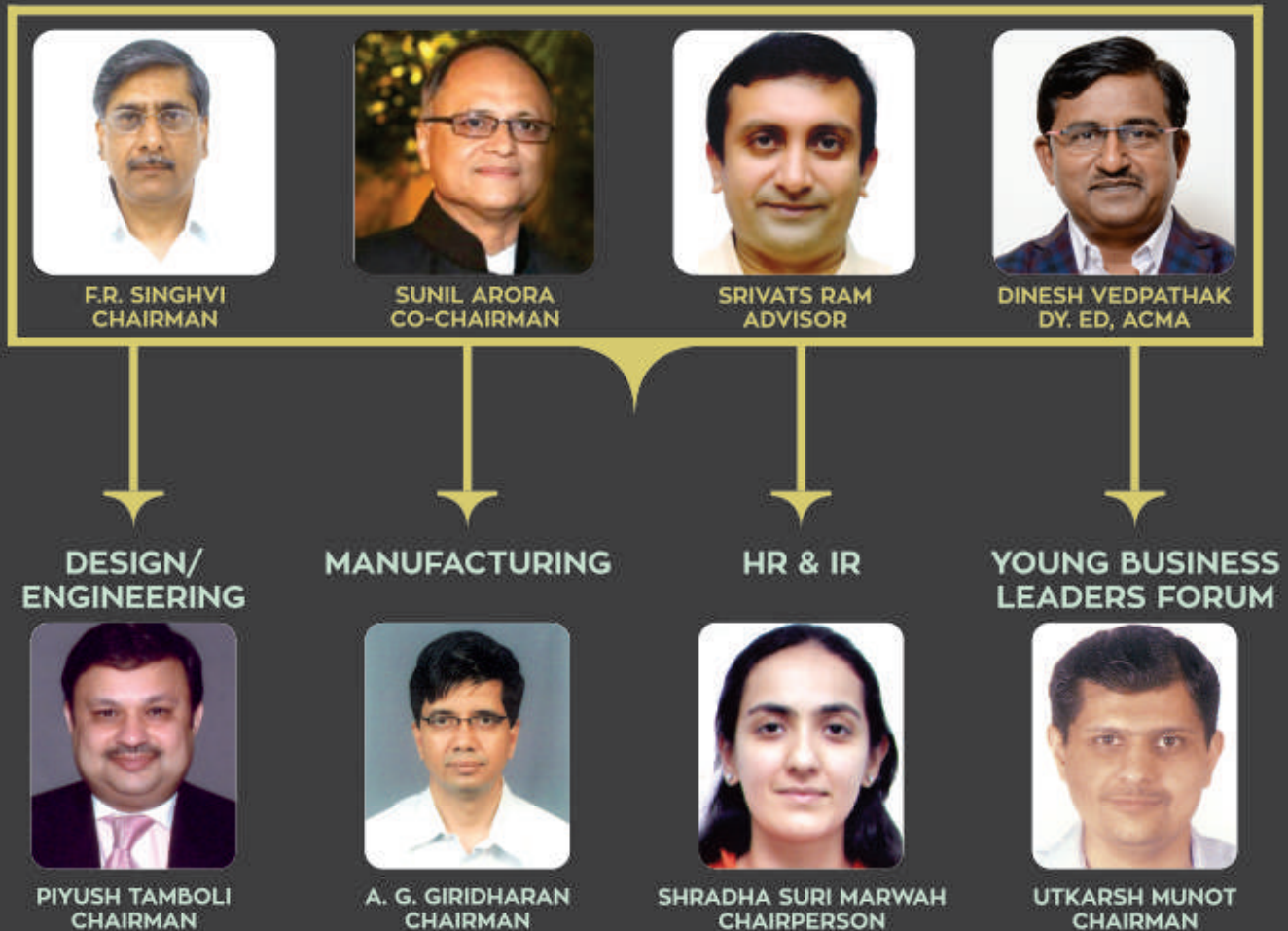
ACMA PILLAR - THREE



**EDUCATION,
SKILLING,
TRAINING &
MENTORSHIP**



PILLAR STRUCTURE



KEY INITIATIVES

ACMA Centre of Excellence
6 ACT Cluster Programs
ACMA-UNIDO-DHI Cluster Program
Capacity Building at Intn'l Institutes
- AOTS, Cardiff, VDA
Engineering Excellence Cluster
18 Cluster Programs
QC, Kaizen, Six Sigma, Poke Yoke &
SMED Competition

Annual HR Conclave
(West+North)
HR Best Practise
Sharing (9 Corp.)
Compensation Survey
ACMA Awards
Break Through
Innovation

International Mission to
Japan
Interaction with Women
Entrepreneurs
Domestic OEM Missions
(West, North & South)
Safety

PILLAR 3 - EDUCATION, SKILLING, TRAINING & MENTORSHIP

INTRODUCTION

The objectives of the pillar includes:

- To engage with all ACMA members to
 1. Assess and certify
 2. Support to achieve improvements from current status to reach to higher levels.
 3. 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: 2017-18

NATIONAL

Gyan Darshan at Anand CY Myutec Automotive Pvt Ltd

5 April 2017: Northern Region HR Forum organized a visit to Anand CY Myutec Automotive Pvt Ltd, Gurugram. The objective was to share their success stories and best practices, as the Company won the Gold Trophy in HR Excellence Awards in the small category and the silver trophy in excellence in quality and productivity in 2016. Members cleared their queries during the question and answer session after both presentations.



AutoDx

11 April 2017: The 11th General Council (GC) meeting was held at Bangalore where IBM presented the status update report and the members deliberated on how to bring more OEMs on board. GST related issues were also discussed. The SIAM-ACMA-IBM engagement completed 3 years. Vanitha Narayanan addressed the group and ensured IBMs commitment to this initiative. She stressed on the need to on-board more OEMs. IBM also made a presentation on Block Chain - new solution developed by IBM



ACMA Awards Awareness Session - April and May 2017

These awards have evolved into one of the most coveted recognitions in the Indian auto-component industry. The award process has been continuously refined and honed to truly reflect aspects of the current world class manufacturing practices. To make the membership aware of the latest process, ACT conducted awareness sessions in five key locations - Chennai, Pune, Jamshedpur, Delhi and Gujarat.





5th Conclave on HR by the Northern Region - 'HR in the era of globalisation and automation'



14 July 2017: Mr. Kenichi Ayukawa, MD - Maruti Suzuki was the chief guest at this event held at Gurugram. The learning from this panel discussion include automating HR processes to give more power to people; developing entrepreneurs from within the organisation; make workplace interesting when it starts getting monotonous; train people to industry 4.0; work on competency enhance skills; focus on idea of relativity and relevant; HR role starts from where people think their job is boring; HR's role as a change agent is to replace resistance, planning with results and fear of change with excitement about its possibilities; and make people change ready.

Fourth ACT Case Study Competition at Pune

3rd and 4th October 2017: These competitions provide a platform to the participants for direct learning as live case study presentations are shared by various competing companies nationwide. It also provide the much needed exposure to the employees and also motivate them to deliver their best to their organizations. The competition helped companies witness actual Case Studies from various companies, take clues and reduce their own Non-value added activities, besides abundant cross learning opportunities. To provide equal opportunities, the competition was held in different categories based on company size

Two Day Western Region Visit, Pune

4-5 August 2017: The delegation interacted with Mr. Deepak Chopra, Group CEO, Anand Group and visited two Anand Group companies in Chakan - Spicer India Pvt Ltd and Gabriel India Ltd. The topics discussed and experiences shared included succession planning and 'growth from within'. There was also a deeper understanding of human capital with the induction of the ANAND leadership development program and AMP. Details were provided on ANAND U - a corporate university that focused on four major areas of people development - operational excellence, talent development, technical interventions and development of large force of operating engineers across the group. Detailed understanding on 5S and its implementation was also done.



Visit to JCB India, Faridabad

November 2017: During this visit, the delegation interacted with Mr. Vipin Sondhi, MD & CEO, JCB India and Mr. Subir Chowdhury, EVP Operations, JCB India. The learning from the visit included topics like low cost automation where JCB developed and patented robotics in India at a low cost that has transformed productivity of machines; the strategic approach towards the solution of problems at the shop floor; and how for JCB the 'voice of the customer' is paramount and they continuously use issues and complaints to change their products.



3rd Indoor Games Competition, Gurugram

9 December 2017: To enhance fellowship amongst members, the 3rd Indoor Games Competition was held. This was the third edition of the competition, which was organized under the leadership of Mr. Chandan Sengupta (Sandhar Technologies). In total, 117 players participated in the three games Chess, Table Tennis and Carrom.



Half Day Workshop on Talent Retention at New Delhi

15 February 2018: Mr. Rajneesh Singh, Managing Partner, SimplyHR was the faculty for the workshop that focused on understanding the growing challenges around talent management, brainstorming on challenges and real life situations for improving talent attraction, engagement and retention and sharing of industry best practices on talent acquisition. Welcoming participants, Mr. J S Ranger, Chairman - ACMA MSME Committee spoke of need to create more responsive HR practices that enhanced competitiveness. 24 delegates participated.



Gyan Darshan – Visit to Subros Ltd, Noida

28 February 2018: The objective of the visit was to share the success stories and best practices adopted at Subros. The Company was the winner of Gold Award in Excellence in HR and Excellence in Technology - Product Innovation. The visit also provided a platform for members to learn from each other.



2nd National Kaizen Competition for MSMEs at New Delhi

20 December 2017: The competition was specially organised to motivate companies whose turnover was less than Rs.120 crore. Welcoming the participants, Mr. J S

Ranger, Chairman - ACMA MSME Committee, cited how Kaizen or continuous incremental improvements was an inherent way of life for auto-component manufacturers. The Chief Guest, Mr. J C Tewari (Maruti Suzuki) highlighted how the MSME companies played a pivotal role in the growth of the auto industry in India. At the valedictory session, Mr. J S Ranger gave an overview of the competition, while Mr. Saurabh Poddar, Co-Chairman, ACMA - MSME Committee complemented the suggestion given by the jury, comprising Mr. Sanjay Jain (Maruti Suzuki) and Mr. Nitin Sharma (Honda Motorcycle India). 29 Kaizens were presented in the competition attended by 65 members.

Training on Safety by Dupont Sustainable Solutions – 2017

A training programme on safety was organised with Dupont. This was related to the MoU signed by ACMA and Dupont for training ACMA’s counsellors to upgrade present safety training modules by in-depth learning of safety management system, hazard identification and its risk assessment, safety audits, safety training effectiveness, safety basic principles, safety rules, emergency response procedure. The training commenced in April and was spread over 6 months.



ACMA SIAM urge supplier sustainability, issue call for evolution

6 March, 2018: In an effort to discuss and debate the roadmap for electric mobility in India, apex industry bodies ACMA and SIAM had organised a national conference and technology display in Pune. The seminar, supported by global consultancy Roland Berger with its recent findings on the mass adoption of EVs (in India) in the foreseeable future, was on the theme of ‘Stakeholders Consultation for Roadmap on Electric Mobility in India



5th ACMA MSME Summit at Hotel Le Meridian, New Delhi

26 March 2018: The theme of the summit was infusing modern technology for competitiveness. Highlighting that the MSMEs are the backbone of the industry, Mr. J S Ranger, Chairman - ACMA, welcomed the chief guest, panellists and participants. Addressing the participants, Mr. Ram Venkataramani, VP - ACMA talked of the pivotal role played by ACMA in the overall industrial development of the country, however they were the weakest link in the automotive supply chain due to absence of timely banking finance, limited capital and knowledge, high cost of credit, lack of skilled manpower and limited access to global markets.



Mr. Kaushik Madhavan - Frost and Sullivan - presented the theme presentation on opportunities in collaborative competence development. The Chief Guest, Mr. Sudhir Rao, MD Bombardier India talked of the window of opportunity in the industry that the SMEs need to utilise.

REGIONAL

EASTERN REGION

Session on Low Cost Automation

27 April 2017: A session was conducted on low cost automation (LCA) at Jamshedpur where the faculty Mr Rahul Sahni, presented basic concepts on the subject and highlighted how LCA simplifies the work and improves quality of the product.



5th Kaizen Competition

9 June 2017: The fifth regional Kaizen competition was organized with thirty three participants from member companies. The chief guest, Mr. Sampat Kumar, CEO, TML Driveline observed that the quality of Kaizens have improved significantly and the level of competition has

gone up since the inception of this event. Mr. Killol Kamani thanked Tata Motors and the chief guest for supporting this competition.



Training Program on daily work Management

7 July 2017: As part of a series of programmes on supervisors' skill development, a training programme on daily work management was organized at Jamshedpur. Mr. Manoj Agarwal was the faculty and the interactive session was attended by 40 delegates.



Second session on supervisory training decision making and communication

4 August 2017: The second session on supervisory training with a focus on decision making and communication was organized at Jamshedpur. Nine delegates attended the interactive session conducted by Mr. Vinay Pandey.



3rd session on analysis and interpretation of data

20 September 2017: A session on analysis and interpretation of data was organized for supervisors at Jamshedpur. Mr. Ashish Tripathi from Tata Cummins was the faculty. The highly enriching programme was attended by 33 delegates.



One day session on Cost of Quality

23 September 2017: In order to make members understand the cost of quality on financial performance, a session was organized at the library hall of Centre of Excellence at Jamshedpur. Mr. Ranjan Vashishta, Green Expert was the faculty, which was attended by 32 delegates.



Workshop on team building

1 December 2017 and 4 January 2018: With an objective to develop team members and in turn improve team performance, two workshops on team building were conducted. The first one was under the guidance of Professor Manish Singhal (XLRI Jamshedpur) was organized, which was attended by 35 members, while the second one was under Mr. S T Jamal.



Session on value stream mapping

5 April 2018: A session on value stream mapping was organised at Jamshedpur, where Mr. Ranjan Vashist was the faculty. 22 delegates attended the event.



6th Kaizen Competition

15 May 2018: Sixth regional Kaizen competition was held with 38 kaizen presentations and 60 viewers from member companies. The Chief Guest was Mr. A B Lall, Head Manufacturing, CVBU, Tata Motors. The rules and guidelines were presented by Mr. Tapas Sahu, regional coordinator, Jamshedpur. Mr. Ranjot Singh, Deputy Chairman (Eastern Region - ACMA), highlighted the importance of Kaizen as a tool in improving operational efficiency.



NORTHERN REGION

One day training program on flexibility Manufacturing System

10 April 2017: Training programme was organized for members of Uttarakhand zone on 'flexibility manufacturing systems (FMS)' at Minda Industries, Sidcul. The faculty, Mr. Sushil Sharma, shared many case presentations to practically present the underlying concepts.



Training program on fixtures & tool maintenance system

11 April 2017: Programme on fixtures and tool maintenance systems was conducted by Mr. Sushil Sharma for members of Delhi NCR zone, which included case studies and motivational videos highlighting definition, importance and procedures on the subject.



17th Batch of Six Sigma Black Belt Certification Program Level 1

17-19 April 2017: Six Sigma Black Belt Certification Programme (Level 1) - 17th Batch - having successfully completed its 16 batches creating 269 black belt personnel out of 522 in ACMA membership, ACMA Northern region launched its 17th batch with the first module out of six. There were 22 participants and Mr. K Vishwanath was faculty for the programme.



Training session on Packaging Material and Supply System

26 April 2017: Training session on Packaging Material and Supply System was conducted at Delhi NCR Zone to equip participants with sufficient knowledge and rigor on packaging processes. It was conducted by Mr. Sushil Sharma

Training Program on problem solving and corrective action and preventive action (CAPA)

4 May 2017: A training Programme was organized on problem solving and corrective action and preventive action (CAPA) for members of the Uttarakhand zone at the premises of Tata Autocomp Systems Ltd. The faculty, Mr. Rahul Saini, shared many case studies to elucidate the framework to participants.



Training program on negotiation skills

12 May 2017: Training Programme was undertaken on negotiation skills for Uttarakhand members at the premises of Roop Polymers. The faculty, Dr. Praveen C Srivastava, highlighted the basic concepts using many case study presentations.



Training program on visual management

9 and 26 May 2017: Training programmes were organized on visual management at New Delhi and Minda Industries, Pantnagar. Definition and objectives of visual management were discussed along with its integration with 5S concepts. Mr. Ranjan Vasishtha, ex-DGM Maruti Suzuki India was the faculty.



3rd Zonal Quality circle competition

21 June 2017: The third zonal quality circle competition was organized at Rudrapur. The competition comprised 28 teams from membership and was witnessed by over 150 delegates. The chief guest, Mr. Rakesh Mittal, VP Ashok Leyland, Pantnagar, was the chief guest and he urged the participants to adhere to robust processes to ease out stages of manufacturing on the shop floor.



Training program on 8D

14 July 2017: A training programme on 8D (Eight Disciplines of Problem Solving) was organized in New Delhi. The faculty, Mr. Rahul Saini, a lean manufacturing professional, conducted the event.



Training program on World Class Manufacturing

20 July 2017: Training programme on World Class Manufacturing (WCM) for Uttarakhand members at the premises of Minda Industries. Mr. Ranjan Vasishtha, ex-DGM, Maruti Suzuki India, the faculty, elucidated on the concept of WCM as a structured and integrated production system that encompasses all processes of the plant.



14th Quality Circle Competition

31 July 2017: Six hundred delegates and 89 teams from member companies participated in the 14th Quality Circle (QC) competition held at New Delhi. The competition was judged by a 13 member jury comprising quality heads from leading vehicles manufacturing companies. The Chief Guest, Mr. Pankaj Agarwal, AVP, Hero Motocorp, felicitated the winners.



Six Sigma Green Belt certification program

30 August – 1 September 2017: The first module of the Six Sigma Green Belt certification program – level 1 was launched with Mr. K Vishwanathan, a Six Sigma Black Belt, as faculty



Training program on PPAP & APQP

15 September 2017: A training programme on Advanced Product Quality Planning (APQP) and Production Part Approval Process (PPAP) was organized for members, with Mr. Ranjan Vashishta as faculty.



Training Program on Managing Dispute and Work place discipline

22 September 2017: A training programme was organized for members sensitizing them about managing dispute and work place discipline, with Mr. Anand Swarup Sharma as Faculty.



Training program on safety and health audit

26 September 2017: For members of Uttarakhand zone, a training programme on safety and health audit was organized with Mr. Amar Nath, an expert at auditing occupational health, safety and environment management system as faculty.



First Regional Poka Yoke Competition

6 October 2017: First Regional Poka Yoke Competition was organized at Rudrapur where 24 teams participated and over 70 delegates attended. The three member jury comprised Mr. Pankaj Batta (Bajaj Auto), Mr. Vishwadeepak Khandelwal (Ashok Leyland) and Mr. Piyush Vaidya (Maruti Suzuki). Highlighting the effectiveness of Poka Yoke as an effective tool for mistake proofing and reduce defects, Mr. P B S Rawat, Roop Polymers congratulated participants. Mr. Kishor Naik, Mahindra and Mahindra was the chief guest.



17th batch of Six Sigma Black Belt Certification Programme level 1

9-12 October 2017: Module VI of the 17th batch of Six Sigma Black Belt Certification Programme level 1 was concluded with the faculty visiting the shop-floors of participating companies to validate the potency of the

projects undertaken. The final written exams were held on 12 October and the successful candidates were given their black belt certifications. 22 participants from 9 companies secured this certification. Mr. Ram Narayan was the faculty and Mr. Sanjiv Paul, Yamaha Motors India, was the Chief Guest at the final award ceremony.



Training Program on Die Casting at Denso International India

24 October and 16 November 2017: Two day programme at die casting was organized at Denso, Manesar. The programme highlighted all issues related to die casting from production rates, casting techniques, and dimension accuracies. Mr. Sanjay Mudgal was faculty.



Training Program on Measurement System Analysis

25 October, 2018: The objective of the program was to analyse variation error in measurement results, platform bias, linearity and stability studies, perform gage R&R studies and apply techniques to attribute and variables.



Training Program on Industrial operational improvements through productivity

30 October 2017: A training programme was organized at Delhi on industrial operational improvements through productivity. Mr. Shalabh Capoor was the faculty.



Training Program on MSA using ISO plot and Kendall's co-efficient of concordance

21 November 2017: A training programme was organized on MSA using ISO plot and Kendall's co-efficient of concordance. Mr. Ram Narayan was the faculty and the training programme also included case studies and videos.



Training programme on supervisory development

29 November 2017: An in-house training programme on supervisory development was organized at Roop Polymers, Pantnagar. The faculty for the training was Mr. Pradeep Kumar Sharma



Training Program on Productivity improvement through work ethics

8 December 2017: Training programme was organized for Delhi NCR Zone members on productivity improvements through work ethics. Mr. Ranjan Vasishtha (ex Maruti Suzuki) was the faculty.



Training Program on PFMEA

15 December 2017: A training programme on Process failure mode effect analysis (PFMEA) was organized at Pantnagar. Mr. Manish Kumar Mathuria was the faculty.



Training programme on principles of costing and cost reduction

15 December 2017: For members of Delhi NCR zone, a training programme on principles of costing and cost reduction techniques was conducted with Mr. M K Singhal (Chartered Accountant) as faculty. Training was provided on processes framework that is to be adopted for cost control and reduction.



Closing of workshop on breakthrough innovations course

9 January 2018: The final module VI of the first batch of breakthrough innovation course that commenced on 7th July 2017 was completed. The potency of projects submitted was validated by the faculty. After the 6 month training, 28 participants from 11 member companies completed 13 projects. Mr. V K Sharma (Deputy Head Cluster Programmes - ACT) was the faculty.



Open House Program on Cycle time and cost reduction through process parameter optimisation using variable search methodology

16-17 January 2018: A programme to train members of Delhi NCR zone on cycle time and cost reduction through process parameter optimization using variable search methodology. This was conducted by Mr. Ram Narayan, a

six sigma master black belt. Apart from introducing the process framework for cost control and cost reduction, participants were also elucidated on the subject through case studies.



In-House Training program on Red Bin Analysis

19 January 2018: In house training programme on Red Bin Analysis was conducted at the New Delhi office with Mr. Sanjay Mudgal as faculty. The process is based on having red containers in front of each production line where defective parts produced are kept. Various methods of managing different problems under red bin were discussed.



Training Program on Advance Excel

23 January 2018: In order to understand higher functions of MS Excel, a training programme on advanced excel was conducted at Uttarakhand with Mr. Pradeep Agrawal as faculty. Various methods of managing data using this software was also explained.



Visit to Gabriel India Ltd & Hella India Automotive Pvt Ltd

30 January 2018: As part of its series of interactions and to share best practices, a delegation of 21 members visited Gabriel India and Hella India. Both the plant heads introduced their respective companies and shared their best practices focusing strictly on quality and adoption of stringent TQM techniques. Ms. Meenakshi Narayanan, Regional Director ACMA (Northern Region) thanked the hosting companies and the members for participating in the visit. The visit was concluded with a vote of thanks from Mr. Deepak Chopra (CEO-Garbiel) and Mr.K K Anand (MD-Hella).



In-house training programme on advance excel
14 February 2018: In-house training programme on advance excel was conducted at Sansera Engineering Uttarakhand. Mr. Pradeep Agarwal was the faculty.



Training program on lead time reduction and visit to Lumax Industries
21 February 2018: A training programme on lead time reduction through value stream mapping was conducted at Lumax Industries, Bawal (Haryana). Mr. Sajjan Singh (Lumax) led the team and welcomed all participants.



Training programme on finance for non-finance professionals
14 March 2018: Training programme on finance for non-finance professionals was organised at Roop Polymers. With the objective of raising awareness on finance amongst participants, the faculty - Mr. Neeraj Kumar Verma - covered a wide range of topics related to finance.



4th Kaizen Contest

23 March 2018: The 4th Kaizen competition for participants from Delhi NCR zone was organised with 35 teams participating. Mr. Sunil Arora, ACMA Chairman (Northern Region), highlighted that the kaizen competition initiatives undertaken by ACMA was very well appreciated by the membership. Complimenting all the participating teams, the Chief Guest, Mr. D K Sethi (Maruti Suzuki) listed certain key takeaways from the event focusing on kaizen and the philosophy of continuous improvement. Mr. Vinnie Mehta - DG ACMA delivered the vote of thanks.



SOUTHERN REGION

Conference on 'Road ahead for the Indian Automotive Industry'

10 April 2017: Siemens Industry Software, in association with ACMA, organised a conference at ITC Grand Chola, Chennai on 'Road ahead for the Indian Automotive Industry: Realizing systems of systems for boosting high end exports and revitalizing global supply chain'. The Conference elaborated on the approach of realizing profitable innovations and how the Indian auto-component industry can adopt a systems approach to develop and manufacture cutting edge products. A panel discussion was also held that included views from prominent industry professionals like Dr. Sathya Prasad Mangalaraman, VP-Product Development Ashok Leyland, Mr. Paul Sundar Singh - Sr. Technology Architect, Products Industrial Segment, Accenture, Mr. Rajeev Chopra, GM Materials, TAFE, Mr. P Kaniappan, Co-Chairman ACMA (Southern Region), and Dr. T Sundararajan Head - R&D, Wheels India Limited. Over 115 participants joined the event.



Workshop on How to achieve success in sales and marketing

12 and 19 April 2017: Workshop was organized in Bangalore and Chennai respectively on how to achieve success in sales and marketing. Mr P Satish was the faculty elucidated on the basics of sales and marketing in the sector highlighting the success story of Mahindra Scorpio. There were 17 participants in Bangalore and 14 in Chennai.



Training Program on HR Compliance and Audit at Grace Infrastructure Pvt Ltd

21 April 2017 and 23 May 2017: Training programs on HR compliances and audit were organised at Bimetal Bearings Ltd, Coimbatore and Grace Infrastructure Pvt Ltd, Puducherry respectively. Mr. R Kumar from Transform Management Solutions was faculty. 10 delegates from 6 companies attended the training in Coimbatore while 8 delegates from 6 companies attended at Puducherry.



Build Human Capital for Future Business Trajectories

25 April 2017: Annual Regional HR conclave themed 'Build Human Capital for Future Business Trajectories' was organised in Chennai. Mr. Ram Venkatramani, Chairman (Southern Region) highlighted the appropriateness of the theme at addressing the dynamic needs of the business. Prof. S. Ramadoss, Chairman, HR Forum - Southern Region - addressed the forum advocating the need for innovative people centric approach to attract the right talent to add value to organisations. A special session on 'Beyond Recruitment Engine to HR as an Entrepreneur' was addressed by Mr. B Venkataramana, Group President - HR, Landmark Group India and Ms. Uma Rao, VP, Ashok Leyland Ltd. 81 delegates participated from 43 companies.



Quiz on Manufacturing & Business Leaders

27 May 2017: A quiz was organised at the Chennai office on general manufacturing, technology, safety, TQM, quality and business leadership. The quiz was conducted by Mr. T R Narasimhan, Chairman QCFI, Tamil Nadu and Hon'ble Secretary and Executive Member in Quality Circle Forum of India Chennai. There were 16 participants in the quiz.



Training program on HR compliances and audit

02 June 2017: A training programme on HR compliances and audit was organised at Bangalore to improve knowledge on regulatory matter and filings related to HR compliances. Mr. R Kumar was the faculty.



Training program on HR compliances and audit

16 June 2017: Under the guidance of Mr. R Kumar (Transform HRSS), a training programme on HR compliances and audit was organised at Chennai to garner knowledge on necessary statutory requirements. The programme also covered proposed amendments under the various legal acts that cover the subject in India.



Visit to TVS Motor Company

16 June 2017: A programme on energy conservation and energy management was organised at the premises of TVS Motor Company. The hosts shared their experiences, best practices and showcased their implementation during the visit to the factory. The visit also included a walk-through the central power house where the team gained insights on power management and conservation practices. 27 people from member companies attended the program.



Refresher workshop on QC

21 June 2017: A one-day refresher workshop on QC, its tools and applications and how to present at competitions was conducted at Bangalore. Mr. B N Jagadeesh Prasad - Mentor, Former Honorary Vice Chairman of Quality Circle Forum of India, Bengaluru Chapter, was the faculty.



12th Quality Circle Competition

15 July 2017: The 12th Quality Circle Competition (Southern Region) was held at Bangalore. The event witnessed record participation of 74 teams including 14 in the diploma category. The Chief of the Jury, Mr. Arokia Jayaraj, GM Purchase TVS Motor Company shared his views on challenges of BS VI emission standards and new product development. In all, there were around 500 participants at the competition.



Visit to Daimler India Commercial Vehicles Pvt Ltd
26 July, 2017: ACMA organised a visit to Daimler India Commercial Vehicles at Oragadam facility with 33 member companies participating in it



Fundamentals of Engineering drawings

04 August 2017: Fifteen delegates from 8 companies attended the training on fundamentals of engineering drawings at the ACMA office. Mr. V Kartheeban was the faculty.

12th National Quality Circle Competition

19 August 2017: The 12th National Quality Circle Competition was organised at Chennai. Ten regional teams out of a total of 242 teams that competed qualified for the finals - 4 from the Southern region and 3 each from the Western and Northern regions. The jury comprised Mr. M K Baba, Chartered Engineer, Quality and Plant Engg Consultant, QCFI; Mr.D Sekar, Senior Counsellor, UNIDO-ACMA and Mr. S Ganesh, Manager QC, Toyota Kirloskar Motors Pvt Ltd. The winners of this competition received awards at the Annual Session of ACMA held in September 2017.



Awareness programme on IATF 16949

14-15 & 20-21 September 2017: Two batches of two-day awareness programme on IATF 16949 was organised under the guidance of Mr S Krishnamurthy. Focus was on explaining the new standard and plan for an implementable transition. 28 delegates attended the sessions.



Training on Line of Balance and Work Stations Balancing

15 September 2017: Training on Line of Balance and Work Stations Balancing was conducted at the Bangalore office for members of the Karnataka and Hosur Zone. Mr. M S Hiremath, Project Management professional was the faculty. 14 participants attended the workshop.



One day training programme on planning methods – CPM and PERT

13 October 2017: A one day training programme was conducted on planning methods - CPM and PERT for members of the Karnataka and Hosur zone under the guidance of Mr. M S Hiremath, Project Management professional as faculty with 19 participants.



A special program in Kannada on 5S – Workplace and Excellence

22 September 2017: A special programme in Kannada on 5S - Workplace and Excellence was organised at the Bangalore office for members of the Karnataka Hosur Zone. The faculty for the session, Mr. Shankara H S, Principal Consultant - Shingo Institute of Japanese Management elucidated the concepts with several practical sessions.



Training Program on Inventory Control for cost competitiveness at Roots Industries India Ltd

24 October 2017: A training programme was organised on Inventory Controls for Cost Competitiveness was organised at Roots Industries India Limited. The faculty was Mr. P S Satish from Saraswati Industrial Services. The programme included exercises in inventory management and videos to illustrate the theories. Nine delegates from 5 companies participated.



First Ever ACMA Toyota Skilled Personal Recruitment Drive

21 November 2017: In association with Toyota Technical Training Institute, a recruitment drive was conducted under the ASDC programme. 32 students were trained under the 'Toyota Tantrajna' Programme, which is a rigorous 56 weeks

exercise. All the candidates were recruited.



Visit to Ashok Leyland

12 December 2017: To facilitate customer interaction, a visit to Ashok Leyland Unit 2 at Hosur was organised. This is the first commercial vehicle manufacturing company outside of Japan to have secured the coveted Deming Prize. Mr. C Unnikrishnan, VP Manufacturing, Hosur Unit, presented on all the steps taken by the Company to secure the Deming Award and through light on the various initiatives undertaken at the unit to deliver quality products.



Visit to Isuzu Motor India Pvt Ltd

14 December 2017: A group of members visited Isuzu Motors India Private Limited at Sri City. Welcoming the delegates, Mr. D S Vishwanath (VP-Isuzu), highlighted the Company's focus on quality. Mr. J Sridhar, Zonal Coordinator - ACMA, thanked the Isuzu team and gave a brief overview of the auto-component industry in India. He also stressed on the aim of the component industry to support Isuzu in India and make their project a success. Mr. Satkar Grewal



(DGM Isuzu Purchase) elucidated on the Company's purchasing policies. The factory visit was followed by a tour to Sri City. 30 members undertook this visit.

9th Kaizen contest

16 December 2017: A total of 106 Kaizens were presented at the 9th Kaizen contest organised by ACMA-Southern Region. For the first time this was held at an academic institution - IIT Madras. The highlight and inspiration of the contest was presented by two teams from Besmal Components Ltd. The Chief Guest of the event was Mr. Sachin Goel, Head Process Excellence (Ashok Leyland) and at the valedictory session he made a presentation on the problem solving techniques at Ashok Leyland. The six member jury was headed by Mr. Sudarsanam S (Mahindra Research Valley). The event had a

participation of over 218 people.



Training Program on building/ developing leadership skills

18-19 December 2017: A two day programme was organised at Chennai on building/developing leadership skills. Dr. Kumar Ganesan (PHD IIT Madras) was the faculty. The programme focused on instilling soft skills on people who aspire for leadership roles. 19 delegates from 14 companies attended.



Training in Tamil on Measurement System Analysis

21 December 2017 & 10 January 2018: A training programme on measuring systems in Tamil was organised at Grace Infrastructure at Puducherry. The faculty was Mr. A R Nagarajan. This programme was repeated at the ACMA office in Chennai.



Training on Quality

23 December 2017: A day long training programme in Telegu was organised on adopting a holistic approach to quality. The training, hosted at the training facilities of Kusalava International, was focused on reaching out to larger spread of members in the Andhra and Telengana zone. 35 delegates participated in this programme, which was conducted by Mr. D Sekhar.



Minutes of the fifth meeting of the HR Forum Training in Tamil on Measurement System Analysis

10 January 2018: Training on a holistic approach to quality was undertaken in Tamil for shop-floor associates, operators, ITI diploma holders and fresh graduate engineers was conducted at Chennai, 12 delegates attended the programme conducted by Dr. N Rangaswamy as faculty.



5th HR Forum Meeting

24 January 2018: The fifth meeting of the HR Forum was organised at Ford India, Chennai under the leadership of Mr. S Ramadoss, Chairman - ACMA Southern Region, HR Forum. Mr. Sundarajan, GM Ford, gave a brief introduction about his company and Mr. Domic Savio, GM (HR) Ford India, presented on the best HR practices adopted by the Company.



Training on industrial relations was organised at Bimetal Bearings Ltd

8 February 2018: Training on industrial relations was organised at Bimetal Bearings Ltd at Coimbatore. The faculty was Mr. R Kumar, a qualified lead auditor for BS 18001. Ten delegates from 4 companies attended the program.



Training on workstation standardisation in Tamil at Delphi – TVS Diesel System Ltd

15 February 2018: 20 participants from 6 companies attended training on workstation standardisation in Tamil at Delphi-TVS Diesel Systems Limited in Chennai. The faculty was Mr. V Kartheeban. The highlight was the guided plant tour, which showcased the plant layout, components manufactured and assembly line.

7th SMED and 2nd Poka-Yoke competition of Southern Region

17 February 2018: At the 7th SMED and 2nd Poka-Yoke competition at Bangalore, 14 SMED teams and 25 Poka-Yoke teams competed. Three teams from 2 MSMEs also participated. Dr. Lakshminaryana (Head, Placements, New Horizon College of Engineering) spoke about the benefits of industry academia association and thanked ACMA for providing their students with this unique opportunity for their students and faculty to witness live shop-floor projects. Mr. S Baligar, Zonal Co-ordinator (ACMA Southern Region) thanked the jury and the college for hosting the event. The event had over 100 participants and around 100 students and faculty members gained valuable experience.



Annual Safety Convention at PSG Institute of Management

9 March 2018: The third edition of the Annual Safety Convention was organised at PSG Institute of Management. Such a convention was for the first time held at an institute that bridged the gap between industry and academia. Dr. R Nandagopal, Director, PSG Institute of Management in his inaugural address appreciated ACMA's outreach to the bridge the gap between industry and students. The event also witnessed the first debate on issues related to safety. 26 participants from 12 companies attended.



Annual Safety convention at Dr. MGR Educational and Research Institute

15 March 2018: Annual safety convention for Chennai and nearby members was organised at Dr. MGR Educational and Research Institute, Chennai in continuation of ACMA's initiative of engaging academia with industry. Dr. Cyril Raj, Dean of the Institute gave the inaugural address and welcomed participants. Dr. G Subash (WABCO) shared his company's experience and knowledge on fire and electrical safety. Mr. P Ramachandra Reddy (Borgwarner Morse Systems India Pvt Ltd) presented on material handling safety, while Mr. N Gopalkrishnan (Isuzu Motors) presented on behavioural safety. 22 members from 14 companies participated.



Annual regional safety convention at AVTEC

16 March 2018: Annual regional safety convention for Bangalore and Hosur zone was organised at Avtec, Chennai. Mr. Ravi Arora (Avtec) welcomed the participants and showcased Avtec and its products. 14 contestants participated at the safety related debate conducted during this convention. There was also a visit to the plant that showcased various processes and also safety related measures undertaken. 20 members participated in the convention.



WESTERN REGION

Workshop on sales process & effective selling skills for frontline sales representative

7 April 2017 and 20-21 April 2017: Workshops were organised on sales process and effective selling skills for frontline sales representatives in Mumbai and Pune



respectively. 26 delegates overall participated in the workshops conducted by Mr. Benhur Thakur, trainer from Indian society of training and Development, New Delhi

Training programme on advanced TPM

12 and 13 April 2017: A two day training programme on advanced TPM and its effective implementation process was conducted at Pune. It was conducted by Mr. Ravindra Biswas, an ex-Tata group company business head. 10 delegates attended the sessions.



Gyan Darshan Visit to Menon & Menon Ltd

13 April 2017: Seventeen member delegation comprising HR managers, quality managers, COOs and plant heads visited the premises of Menon and Menon, India's first QS9000 certified manufacturer of grey iron automotive components. Mr. Ramesh Sabnis, COO, Menon and Menon welcomed delegates and highlighted the Company's philosophy of continuous learning and adoption of new technologies.



Third Kaizen competition in Aurangabad Zone

4 May 2017: Third Kaizen competition was organised at Aurangabad. The jury, comprising eminent OE customers including Mr. Yogesh Patil (Skoda India) and Mr. Pramod Gadkar (Greaves Cotton) evaluated the different participants. Dr. Ravi Damodaran, President, Technology and Strategy, Varroc Group, presented the awards and highlighted the need to undertake Kaizen in each area of business.



Training program on 5S at Remson Industries

5 June 2017: Training programme on '5S was organised at Remsons Industries, Daman, where 24 participants attended.



Training program on managing dispute and workplace discipline

20 June 2017: A one-day training programme was organised at Pune on managing dispute and workplace discipline - its legal, quasi legal and incidental aspects. Mr. Shrinivas Inamati, lawyer in industrial and labour laws, gave suggestions on harbouring and preserving a harmonious and disciplined relationship in a work situation. Mr. Vibhute, former senior executive with Kirloskar Oil Engines Limited, conducted the training, which was attended by 16 participants



Workshop to survive disruption with innovation led transformation

26 June 2017: A workshop on innovation led transformation was organised at Aurangabad that covered a range of topics on innovation and its relationship with discovery, invention, lean, and VAVE. The workshop was attended by 35 delegates.



12th Annual Regional Quality Circle Competition

18 July 2017: The 12th edition of the Regional Quality Circle competition was organised in Pune. A record breaking 75 teams participated in the competition, which was evaluated by a 3 member jury of eminent personalities from the auto industry. At the valedictory ceremony, the Chief Guest - Mr. Rohit Bhatia, VP Mahindra and Mahindra highlighted on the importance of product quality and the

levels to be reached to not warrant repairs. Mr. Piyush Munot, Co-Chairman, ACMA Western Region, asked participants to embrace the vent as a platform for cross learning to be able to focus on new technologies and solutions that are essential to remain competitive in a global context. 409 delegates attended the event from different parts of Maharashtra.

ACMA IPOs Forum, visit to Orbit Bearing India Pvt Ltd

27 July 2017: To practically witness the operations and business excellence implemented at Galaxy Bearings, Orbit Bearings and Rolex Rings at Rajkot, a team of IPOs including members from Getrag India, Isuzu Engineering, Kubota, Paccar and ZF, visited the different sites and interacted with Company officials.



Advanced Work place Organisation Techniques through 7S

4 August 2017: Training programme on Advanced Work place Organisation Techniques through 7S was organised at Ahmedabad, conducted by Mr. Ravindra Biswas, ex Tata Group employee. The training was attended by 16 delegates.



Workshop on How to make your factory Lean? Learning through simulation

22-23 August 2017: A two day workshop was organised using a learning through simulation game approach on ways to make the factory lean. Fourteen participants attended the workshop conducted by Mr Vishal Edake, Specialist in Advanced Manufacturing and Design Techniques.



Two Day workshop on improve operations through quality circle

12-13 September 2017: With a focus on training delegates on improving operations through quality circle, a two day workshop was organised at Pune. Mr. Vishal Singh was the faculty and 27 delegates participated.



5th Zonal Kaizen Competition in Gujarat Zone

16 September 2017: 5th Kaizen competition in the Gujarat zone was organised at Ahmedabad. There were 33 case study presentations from all leading auto-component manufacturers in the region. OEM members formed the panel of jury including Mr. Yogesh Solanki, Ford India and Mr. Shashikant Jumde, Tata Motors. Mr. Rajmohan, Zonal Coordinator, Central Gujarat, ACMA Western Region welcomed the participants, while Mr. Anil Patel, Plant Manager, Ford India was the chief guest and in his valedictory speech, he congratulated ACMA for organising such an event.



Workshop on Visual Management

12 October 2017: Workshop on Visual Management was conducted at Pune under the guidance of Mr. Manjunath Powar. The focus was on tracking feasibility across all levels of an organisation in tracking quality, cost and delivery. It was well received by 31 delegates who attended.



Visit to Sona Koyo Steering Systems Ltd & JBM Auto Systems Pvt Ltd

13 October 2017: To see best practices adopted, a visit was organised to Sona Koyo Steering and JBM Auto at Sanand, Gujarat. Mr. Jaydeep Kumar, Plant Head, Sona Koyo presented an overview of the Sona Group focusing on the stringent quality standards adhered to by Sona Koyo and their stress on cultural and process excellence. Mr. Nirmal Matharu (JBM Auto Systems) presented a brief on the JBM group. 14 delegates from ACM member companies went on this visit.



Conference on 3D printing in the Automotive and Engineering Industry

8 November 2017: With a focus on Disruption, Innovation and Technology (DIT), a conference was organised on 3D printing in the Automotive and Engineering Industry at Pune. The event was inaugurated by Dr. Surendra Pal, Vice Chancellor, Defence Institute of Advance Technologies, Gol. Speakers at the conference included Mr. Dharmesh Rawal (Mahindra), Mr. Ajay Purohit (Tata Motors), Ms. Nidhi Shah (Voxelnet), Mr. Ashwin Deshpande (Altair Engineering India Pvt Ltd), and Mr. Gopal Krishna (Global 3D Labs). Mr. Puneet Hegde was the faculty. 29 participants attended.



Workshop on Advance Cost Accounting

16-17 November 2017: A two day workshop was organised at Pune to deliberate on and understand the main features of cost and management accounting and its application in a business enterprise. This was primarily to cater to managers who do not have a finance background.



3rd Zonal Quality Circle Competition in Gujarat Zone

1 December 2017: The third edition of the zonal quality circle competition in the Gujarat Zone was organised where 16 case studies were presented by different member companies. The chief guest Mr. Anil Patel (Sanand Engine Plant - Ford India) congratulated the participants and appreciated the efforts in creating such a forum for exchange of ideas.



Two day workshop on Value Stream mapping

11 & 12 December 2017: This two day workshop on Value Stream mapping was organised at the ACMA office in Pune, with the broad objective of introducing the concept to participants and highlighting how it benefits and company's overall performance. Mr. Ravindra Biswas (ex-Tata group) was the trainer and 13 people attended.



8th Annual Regional Kaizen Competition

13 December 2017: The Eighth edition of the Kaizen Competition was held at Pune. The competition saw 74 case study presentations from members on kaizen based improvements. The jury comprised industry experts from OEM companies.



Workshop on improve equipment through total productive maintenance

18 & 19 December 2017: A two day workshop on improving equipment through Total Productive Maintenance (TPM) was organised at the ACMA office in Pune. Mr Abhishek Pandey was the faculty.



Training programme on value analysis and value engineering

19 & 20 December 2017: Training programme on value analysis and value engineering was conducted at Ahmedabad under the guidance of Mr. Ravindra Biswas.

Formation & Meeting of Zonal HR Forum, Gujarat Zone

10 January 2018: An initiative was taken to form a HR Forum in the Gujarat zone to discuss and deliberate on various challenges that the auto-component industry is facing on this front and the action points needed for a solution.



9th Annual HR Summit

19 January 2018: The 9th Annual HR Summit of the region with the theme 'building new architecture of future HR' was attended by HR professionals, industry leaders and decision makers. The chief guest was Mr. Vinod Sahay (Mahindra and Mahindra); the guest of honour were Dr. Siddharth Jabade, VC, Vishwakarma University, Pune, Dr. Santosh Bhawe (Bharat Forge), and Mr. Piyush Tamboli, Chairman - ACMA Western Region. The summit consisted of 6 technical sessions including panel discussions related to

key development in HR participated by eminent personalities in this field in the industry.



Business Excellence Drive: First ever business excellence competition

13 December 2017: As a new initiative, the region designed and organised the First ever Business Excellence Competition at Pune with the full support of OEMs. The competition had three stages - application, site assessment and final presentation. Out of 31 applicants selected for site assessment, 14 got selected for the final presentation. Mr. Parag Auty (Tata Motors) was the chief guest at the valedictory session.



Program on secret of leadership success

1st February 2018: A programme on secret of leadership success was organised at Nasik. Mr. Charudatta Bhawe was the faculty. The enriching training was highly interactive and well appreciated by participants.



One day workshop on risk assessment

8 February 2018: A day-long programme on risk management was organised at the Bharat Gears plant at Mumbra, near Mumbai. Mr. K Vishwanathan, Director/Inobest Technologies conducted the training, which focused on risk assessment as required under ISO9001 and IATF 16969.

Workshop on basics of hydraulics and pneumatics
13 February 2018: A workshop on basics of hydraulics and pneumatics was held at Pune. Mr. Jayant Karandikar was faculty



3rd Best Practices Competition
17 February 2018: The third edition of the best practices competition Gujarat Zone was conducted at Ahmedabad. The best practices competition was held under two categories - low cost automation and pokayoke. Thirty three team participated in the competition. The Chief Guest of the event - Mr. Neeraj Agarwal (Head Tata Motors) addressed the gathering.



One day training programme on vendor development
13 March 2018: One day training programme on vendor development was organised at Pune. The programme was conducted by Mr. Satish Inamdar (ex Tata Motors) and he stressed on the core values of vendor development that focuses on cost reduction, operation process streamlining and minimise product defects.



3rd Best Practices Competition
16th March 2018: Third edition of best practices programme was held in Pune. The best practices competition was held under 3 categories - energy conservation; LCA and Poka Yoke. Thirty three teams participated in the competition.



2nd 5S Competition
16th March 2018: With support of OEMs, ACMA organised the second edition of the 5S competition at Pune. The Competition had three stages - application, site assessment and final presentation. Out of 29 candidates, 20 were selected for site assessment; while 10 for the final presentation.



Workshop on 5S
13 April 2018: Workshop on 5S to improve employee engagement was organised at Pune. 24 participants attended the workshop organised by Mr. Singh.



ACMA PILLAR - FOUR



**JV, TA, M&A,
Overseas
Investment,
Industry Associates**



PILLAR STRUCTURE



S. K. ARYA
CHAIRMAN



DEEPAK JAIN
CO-CHAIRMAN



JAYANT DAVAR
ADVISOR



AMIT MUKHERJEE
DY. ED, ACMA

PILLAR 4 - JV, TA, M&A, Overseas Investment, Industry Associates

INTRODUCTION

The objectives of the pillar includes:

- Provide understanding and insight on how to access Technology through partnership/ JV.
- To leverage opportunities through M&A and expand footprint globally (brown field and green field) and in domestic market
- **To organise:**
 - 1) Workshops/ conferences (National/ Regional) for understanding challenges and how to best leverage M & A, strategic partnerships, JVs etc. for knowledge building
 - 2) Match making Expos with automotive nations like Japan, Germany, UK, South Korea for JV/ Collaboration/ Partnership
- **International associates:**
 - 1) Creating a strong global network of 'Associations of Component Manufacturers' for mutual co-operation, business development, and provide a platform of sharing of best practices, information exchange and build stronger linkages
 - 2) Supporting each other in their respective events/ Summits/ Trade Fairs/ Matchmaking events, etc. as well as organising joint-forums, which could coincide with established global Trade shows.
 - 3) Organising an Annual Global Summit in India as well as overseas, which could provide insights into futurist trends and a networking platform for industry leaders

ACTIVITY HIGHLIGHTS: 2017-18

ACMA National Conference focuses on Inorganic Growth: Exploring M&As, JVs, & TAs to stay competitive

17 July, 2018: ACMA organised a national conference focusing on inorganic growth - exploring M&As, Joint Ventures and Technology Agreements to stay competitive. Mr. Ramesh Abhishek, Secretary -Department of Industrial



Policy and Promotion, Ministry of Commerce and Industry, GoI, was the Chief Guest. There were several sessions focusing on M&As and inorganic growth, including an interactive session encouraging free flow of information and fostering better learning. The Grant Thornton special report - 'M&A in Auto: Shifting Gears to be Future Ready' that analyses the present landscape for the automotive sector especially in the context of technology disruptions, was launched during this event.





ACMA PILLAR - FIVE



**INDUSTRY,
ACMA IMAGE,
PUBLIC RELATIONS
AND
COMMUNICATIONS**



PILLAR STRUCTURE



N. K. MINDA
PRESIDENT



VINNIE MEHTA
DIRECTOR GENERAL, ACMA

PILLAR 5 - INDUSTRY, ACMA IMAGE, PUBLIC RELATIONS AND COMMUNICATIONS

INTRODUCTION

The objectives of the pillar includes:

- To support and uplift the overall brand of the industry and the association.
- Bring awareness and visibility for the significant contribution made by auto component industry and by ACMA to stake holders
- Provide visibility to various ACMA activities and initiatives in both domestic and international markets.
- Using Public Relation and Social Media as tools to bring high visibility to the ACMA brand among internal and external audiences
- Using Public Relation Activity i.e. newspapers, trade magazines, electronic channels, radio, online portals and wires to disseminate the information on ACMA initiatives.
- Social Media Engagements - Establish ACMA as the prime community for Auto Components and Automotive Industry Professionals for both OEM business and Aftermarket on social channels
- Build awareness - on industry updates, road safety, adoption of greener technology, pertinent campaigns etc., key events and other ACMA initiatives
- Reach out to the right audience, create interesting content and campaign to grow community through Facebook, LinkedIn, Twitter and Youtube
- Managing and Monitor Content on ACMA Website and ACMA App - Communicating and promoting ACMA initiatives on the above platforms

ACTIVITY HIGHLIGHTS: 2017-18

ACMA Safer Drives Campaign

10-11 March 2018: During the National Safety Week, the region organised ACMA Safer Drives roadshow in the Uttarakhand zone. The objective was to spread awareness

amongst public to use genuine parts, promote safe driving and popularise safety tips and symbols. The Chief Guest,



Mr Sadanand S R Date, IPS, highlighted that the key to safety is by promoting their target of accident free roads, safe driving, and strict adherence to rules.



ACMA IN PRESS

ACMA's Centre of Excellence in G'nagar

SNA Correspondent
correspondent@snaurlia.net

The national body for makers of automobiles will set up a Centre of Excellence (CoE) in Gandhinagar to train the work force for as the demand for skill manpower is rising in the industry.

HMSI to invest ₹800 cr this year

HMSI president and CEO Mr. Manoj Kumar Singh said that the

AUTOTECH REVIEW

NEWS • FIESTA 2018

AUTOGUIDE

ACMA national conference focuses on inorganic growth

CEO and MD, AME, Praveen Kataria, and Vice-Pres. Dr. Englema, in ACMA's

AUTO TECH REVIEW

SIEMENS
Digital software drive
Racing innovation

NEWS • EVENTS • CONSTRUCTION • EVENTS OFFICIALS • TECHNOLOGY • FEATURES • AUTO TV • LATEST EDITION • CODE

Auto Expo 2018 Components Show Flagged Off

NEWS • 4 months ago

ACMA Kicks Off Safer Drives Road Show From Mumbai

ACMA and SIAM urge supplier sustainability, issue call for EVolution

With the transition from internal combustion engines to electric technology set to drastically cut down the number and types of components required to assemble vehicles, the supplier fraternity is brainstorming sustainability and the need to stay relevant. Indian auto industry stakeholders recently met in Pune to discuss and debate the path ahead. Amit Pandey reports.

14th **AUTO EXPO 2018**
COMPONENTS

NEW DELHI - NEW DELHI - INDIA

ACMA demands uniform 18% GST tax rate

NEW DELHI: India's auto component manufacturing sector on Monday demanded that the industry be brought under a uniform 18 per cent GST rate.

Fourth Industrial Revolution, **Beginning Of A New Era**

ACMA Value Chain Summit to facilitate creation of robust automotive ecosystem in Gujarat

End-user's Perspective

Partners in Success

The Automotive Component Manufacturers Association of India (ACMA) has been enthusiastically collaborating with Indian Machine Tools Manufacturers' Association (IMTMA) for all its events. Nirmal Mehta, President, ACMA, spoke in deference to this long-standing tradition as a Guest of Honour at the Inauguration Ceremony of IMTEX FORMING 2018 & Tooltech 2018. Excerpts from his insightful address...

I am confident that ACMA and IMTMA will continue to work closely together to realize our common vision and goal of a world where, world wide, we will build engineering industry in the country.

Nirmal Mehta, President, ACMA

Gandhinagar, Automotive Component Manufacturer- 2020 from the current 3.7%. The installed capacity

Vinnie Mehta: 'If a nation aims to be a meaningful player, then it needs to invest'

Indian auto component industry grows by impressive 18% in FY18

Exports fare even better with 24% jump

The turnover of the Indian automotive component industry that contributes 2.3 per cent to India's GDP and has a share of 4 per cent in India's exports stood at Rs. 3,45 lakh crores (US\$2 billion) for the

AUTOCAR professional
Essential reading for the Automotive Industry

Uniform GST rate sought for auto components

INDIAN ENGINEERING

India AUTO COMPONENT SECTOR - THE PRIDE OF INDIA'S MANUFACTURING INDUSTRY

AUTO COMPONENT EXPORT FROM INDIA

Year	Export (in \$Bn)
2012	0.7
2013	0.8
2014	0.7
2015	0.8
2016	0.9
2017	1.0
2018	1.2
2019	1.4
2020	1.6

TOP-10 DESTINATIONS FOR INDIAN AUTO COMPONENTS EXPORT IN 2016-17 (IN PER CENT)

- USA
- Germany
- UK
- France
- Spain
- Italy
- China
- Japan
- South Korea
- Others

Home > Auto Components > ACMA Welcomes Amendment In Criteria For MSME Defin...
ACMA welcomes amendment in criteria for MSME definition

ACMA PUBLICATIONS 2017-18

ACMA regularly publishes the following newsletters:



- Auto News, which is published every two months and covers industry related updates and the associations activities over the period under review
- Impact (earlier known as ACT Now), which is published every quarter by the ACMA Centre of Technology (ACT). It covers the

divisions activities and gives insights into best global practices for productivity, quality, technology and profitability

In addition, there were certain major studies undertaken during 2017-18.

In August 2017, ACMA and ICRA Management Consulting Services Limited released the "study on Impact of Trade Agreements on Auto Component Industry in India". Review of the trade policies and trade agreements of select developing countries that are also major auto and auto component manufacturing countries indicates a shift from higher tariffs and import license based regimes to non-tariff based measures during the last 40-50 years. In fact, consistent lowering of tariff barriers and custom duties on auto components has triggered an immediate requirement for India to develop a sector specific and tariff line wise strategy when negotiating trade agreements.



The Automotive Mission Plan 2026 envisages substantial growth in the auto component industry.

This requires increased market access and development of sustainable

cost competitiveness so that the targets can be achieved. India must therefore look at developing new bilateral trade agreements with regions and countries such as Brazil, South Africa and Iran that show high potential for auto-component imports. This requires developing a tariff line specific strategy with focus on the following aspects - (1) on products and segments where India has manufacturing competitiveness, (2) promoting transfer of new emerging technologies into India while providing a level playing field to domestic manufacturers in these products and (3) opening of export markets having high potential and where India enjoys cost competitiveness with respect to global peers (4) Consideration for global value chains. Such a tariff line specific strategy should be a trade-off aiming at opening of foreign markets for products where India has high competitiveness and high manufacturing scale and promoting domestic manufacturing in vulnerable and emerging segments.

In September 2017, McKinsey along with ACMA launched the study "The future of mobility in India: Challenges and opportunities for the auto component industry". Increased digitisation and automation in the global automotive



industry have caused a sea change of disruptions. The Indian automotive industry too have started experiencing the effects of global disruption. The study highlighted the

preparedness of the automotive stakeholders for this disruption, and how can they ride this change to expand into newer areas. This report outlines the importance and imminence of the disruption, the drivers of electric vehicle penetration and the implications for all stakeholders, especially auto component manufacturers. Acknowledging the upcoming disruption and reinventing the business accordingly is the key to managing the changes that lie ahead. Clearly, E-mobility has arrived. The automotive industry could benefit by

viewing it not as a threat, but an opportunity. An action-oriented perspective, acknowledging the shift, exploring expansion into uncharted territory and reinventing the way companies manage revenue and profit pools would help industry players be a part of the success story of e-mobility in India.



The ACMA-Roland Berger "study on xEV market and opportunities for xEV component suppliers" was released in 2018. The study pointed out that Government incentives, preferential access to

EVs and charging infrastructure development are key growth drivers for EVs in the major markets. It estimates that core xEV components are expected to account for over 50% of the auto components markets in 2025 with significant cost reductions of 30-35% expected in batteries by 2025. Most global OEMs are either well integrated or have formed a well-established supply network. Also, global suppliers are technology owners with a strong patent portfolio. While massive government push combined with improving TCO has widened the corridor of possibilities for India, OEMs continue to work in silos and suppliers are far behind in technology, posing significant risks to their exports and local market. It is important for traditional powertrain component suppliers to act now, or else risk losing the opportunity to Chinese OEMs and component manufacturers. The potential EV opportunities for local suppliers lie in parts and assemblies of e-motors, and thermal management, connectors and power electronics (excl. power distribution modules). To succeed in this endeavour, suppliers need to acquire technology inorganically, reach to global markets swiftly and demonstrate capabilities to global and local OEMs. In this endeavour, ACMA continues to play a supportive role and the government needs to define xEV targets and plans that are long term, consistent and coherent across ministries, define standards and provide support to the industry.

In July 2018, ACMA along with Grant Thornton release this study on "M&A in Auto - shifting gears to be future ready". The global automotive industry is rapidly approaching a pivotal crossroads that would influence its long-term trajectory. Unlike the past cycles of peaks and troughs that were driven by macro-economic factors and impacted consumer demand, we are now seeing an accelerated technological transformation that is changing consumer tastes and demands. This transformation will likely shape the industry into something with little resemblance to what it is today. This report provides deeper insight on the impact of



M&A in auto: Shifting gears to be future ready

July 2018



these trends on the global transaction landscape in this sector. It also outlines how the drivers of M&A-led expansion by Indian auto component players have been evolving - access to new markets and customers, desire to integrate into global supply chains, push by global customers, access to technology and innovation capabilities, and shareholder expectations of accelerated revenue growth. The report also seeks to outline how global headwinds are influencing the Indian transaction landscape and start-up ecosystem in the sector. For a quick reference for aspiring acquirers contemplating inorganic growth, the report provides a bird's eye view of a typical transaction process and highlights some of the key areas to focus on/potential pitfalls to avoid during the course of an M&A transaction.

PEOPLE AT ACMA

Past Presidents

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

Executive Committee

President	Vice President	Immediate Past President
Mr. Nirmal K. Minda	Mr. A. Venkataramani	Mr. Rattan Kapur
Minda Industries Ltd.	India Pistons Ltd.	Mark Exhaust Systems Ltd.

Elected Members

Member	Company
Mr. Sunil Arora	Abilities India Pistons & Rings Ltd.
Mr. Beni Daga	Baynee Industries
Mr. Sriram Viji	Brakes India Pvt. Ltd.
Mr. Navin Paul	Bosch Ltd.
Mr. Kirti Rathod	Delux Bearings Pvt. Ltd.
Ms. Pilloo C. Aga	GoldSeal-SaarGummi India Pvt. Ltd.
Mr. A. G. Giridharan	Harita Seating Systems Ltd.
Mr. Pranav Kapuria	Hi-Tech Gears Ltd.
Dr. Alka Kaul	Horizon Industrial Products Pvt. Ltd.
Mr. Ramchandra R. Rao	Indo Schottle Auto Parts Pvt. Ltd.
Mr. S. K. Arya	Jay Bharat Maruti Ltd.
Ms. Harshbeena S. Zaveri	NRB Bearings Ltd.
Mr. Killol Kamani	Samarth Engineering Co. Pvt. Ltd.
Mr. F. R. Singhvi	Sansera Engineering Pvt. Ltd.
Mr. Sunjay Kapur	Sona BLW Precision Forgings Ltd.
Mr. Jagdeep Singh Rangar	Stork Rubber Products Pvt. Ltd.
Mr. Ravi Machani	Stumpp Schuele & Somappa Springs Pvt. Ltd.
Ms. Shradha Suri Marwah	Subros Ltd.
Mr. Arvind Goel	TATA AutoComp Systems Ltd.
Mr. Utkarsh Munot	ZF Steering Gear (India) Ltd.

Co-opted Members

Member	Company
Mr. Jasvinder Singh Seehra	GNA Axles Ltd.
Mr. Ramashankar Pandey	Hella India Lighting Ltd.
Mr. Mayank Kejriwal	Kiswok Industries Pvt. Ltd.
Mr. Ajay Kumar Jain	PPAP Automotive Ltd.
Mr. Vinay Lakshman	Rane Brake Lining Ltd.
Mr. Harish K. Sheth	Setco Automotive Ltd.

Special Invitees

Member	Company
Mr. Sandeep N	Bosch Ltd.
Mr. Murali Vaidyanathan	Hanon Automotive Systems India Pvt. Ltd.
Mr. Pawan Choudhary	Hindustan Composites Ltd.
Mr. Randeep Singh Jauhar	Jamna Auto Industries Pvt. Ltd.
Mr. Sanjay Malhotra	Jumps Auto Industries Ltd.
Mr. J. Sridhar	Magal Engg. Tech. Pvt. Ltd.
Mr. Rajat Bhandari	Makino Auto Industries Pvt. Ltd.
Mr. Nishant Arya	JBM Auto Ltd.
Mr. Pravin Malhotra	Nipman Fastener Industries Pvt. Ltd.
Mr. Gursharan Singh	RACL Geartech Ltd.
Mr. Balbir Singh Chhabra	Right Tight Fasteners Pvt. Ltd.
Mr. K. Saravanasundaram	Roots Industries India Ltd.
Mr. Nishit Behera	RSB Transmissions (I) Ltd.
Mr. Saurabh Poddar	Sellowrap Industries Pvt. Ltd.
Ms. Arathi Krishna	Sundaram Fasteners Ltd.
Mr. Umesh Talwar	Talbros Automotive Components Ltd.
Mr. S. J. Taparia	The Supreme Industries Ltd.

Regional Chairpersons

Member	Company
EASTERN REGION - Mr. Sanjay Sabherwal	Metaldyne Industries Ltd.
NORTHERN REGION - Mr. Deepak Jain	Lumax Industries Ltd.
SOUTHERN REGION - Mr. P. Kaniappan	WABCO India Ltd.
WESTERN REGION - Mr. Piyush I. Tamboli	Investment & Precision Castings Ltd.

Regional Co-Chairpersons

Member	Company
EASTERN REGION - Mr. Ranjot Singh	Emdet Jamshedpur Pvt. Ltd.
NORTHERN REGION - Mr. Deepak Chopra	Spicer India Limited, Anand Group
SOUTHERN REGION - Ms. Shuba Kumar	Natesan Synchrocones Pvt. Ltd.
WESTERN REGION - Mr. Piyush Munot	KCTR Varsha Automotive Pvt. Ltd.

Zonal Co-ordinators

Eastern Region

Member	Zone	Company Name
Mr. Sanjay Sabherwal	Jamshedpur	Metaldyne Industries Ltd.
Mr. Ranjot Singh	Jamshedpur	Emdet Jamshedpur Pvt. Ltd.
Mr. Tapas Sahu	Jamshedpur	Highco Engineers (P) Ltd.
Mr. Mayank Kejriwal	Kolkata	Kiswok Industries Pvt. Ltd.

Northern Region

Member	Zone	Company Name
Mr. Abhimanyu Sharaff	Faridabad	Ecocat (India) Pvt. Ltd.
Mr. Kiran Deshmukh	Gurgaon	Sona BLW Precision Forging Ltd.
Mr. U. S. Ahuja	Punjab & Chandigarh	New Swan Enterprises
Mr. V K Jayaswal	Uttar Pradesh	Shriram Pistons & Rings Ltd.
Mr. Rajesh Jain	Rohtak, Hissar & Yamunanagar	Lakshmi Precision Screws Ltd.
Mr. Hitesh Jain	Uttarakhand	Roop Polymers Ltd.

Southern Region

Member	Zone	Company Name
Mr. S. Baligar	Karnataka & Hosur	Toyota Kirloskar Auto Parts Pvt Ltd
Mr. J. Sridhar	Chennai	Magal Engg. Tech Pvt. Ltd.
Mr. Chakravarthi Chukkapalli	Andhra Pradesh	Kusalava International Ltd.
Mr. K. Saravanan	Coimbatore	Roots Industries Ltd.

Western Region

Member	Zone	Company Name
Mr. Pawan Choudhary	Aurangabad	Hindustan Composites Ltd.
Mr. Sidhesh Raikar	Nashik	Goldy Precision Stampings Pvt. Ltd.
Mr. Vijay Menon	Kolhapur/Satara	Menon and Menon Ltd.
Mr. Devendra Jain	Pithampur/Dewas	Porwal Auto Components Ltd.
Mr. P. B. Rajmohan	Central Gujarat	Precision Autowares Pvt. Ltd.
Mr. Samir Patel	Surashtra (Gujarat)	Orbit Bearings India Pvt. Ltd.

Workforce 2017-18

Head Office		West
Abhishek Chopra	Sushil Rajput	Alok Pawar
Amit Mukherjee	Tanu Ahuja	Aniket Khanis
Anjali Nair	Vijay Kanojia	Ashwani Jotshi
Anupam Kaushik	Vikram Saigal	Ashwini Anupam Kulkarni
Ashok Kumar	Vinnie Mehta	Dinesh Vedpathak
Ashwani Kumar	Vishal Saxena	Ekta Agrawal
Atul Kr Gupta	VK Sharma	Girish Govande
Binny Tommy		Hemant Parmar
Chandu Chaudhary		Jeetendra Kumar Singh
Debasish Maity		Lincy Varghese
Deepak Jain		Sakshi S Karkamkar
Deepak Rajput		Smita Kulkarni
Dinesh Rana		Sanket Jadhav
Ecktta		Sapana Milind Baravkar
Harish Kapoor		Sheetal Ghodke
Harkaran Malhotra		Sneha Kadam
Lokesh Raina		Sudesh Janardhan Sutar
Mahesh Gupta		Suhas Appa Pandave
Monika S. Handa		Sunil Mutha
Muskan Jain		Vijith Vijayan Nair
Niladri Mallick		
Pooja Sharma		
Praveen Belwal		
Prem Kumar		
Raginee Singh		
Rajat Gaur		
Rajat Puri		
Rajeshwar Rai		
Rupender Kaushik		
Rupesh Sonania		
Sanjay Kumar Pal		
Sapna Vijn		
Seema Babal		
Sheetal Gupta		
Subhag Naqvi		
Sudip Guha Roy		
	East	
	Rahul Kumar	
	Vadivelan Gounder	
	Yogita Satpathy	
	North	
	Deepti Panikker	
	Hansraj Sharma	
	Jairaj Kumar	
	Mayank Nigam	
	Meenakshi Narayanan	
	South	
	Anil Kumar Unni	
	G Mani	
	Neeraja S. Rao	
	Priya Sriram	
	R. Hariram	
	R. Raja Shekhar	

List of Members

A

A. G.Industries Pvt. Ltd.
A. Raymond Fasteners India Pvt. Ltd.
Aakar Foundry Pvt. Ltd.
AAM India Manufacturing Corporation Pvt. Ltd.
Aar Aar Technoplast Pvt. Ltd.
ABC Bearings Ltd.
Abhijeet Plastics India Pvt. Ltd. Unit III
Abhijeet Techno-Plast (I) Pvt. Ltd.
Abilities India Pistons & Rings Ltd.
Able Spring Manufacturers
Accurate Products Corporation Pvt. Ltd.
Ace International
Acey Engineering Pvt. Ltd.
Adient India Pvt. Ltd.
Aditya Auto Products & Engineering (I) Pvt. Ltd.
Admach Auto India Ltd.
Advance Forgings Pvt. Ltd.
Advik Hi-Tech Pvt. Ltd.
Agni College Of Technology
Agrasen Engineering Industries Ltd.
Agrim Components Pvt. Ltd.
Aisin Automotive Karnataka Pvt. Ltd.
Akal Spring Ltd.
ALF Engineering Pvt. Ltd.
Alfa Flexitubes Pvt. Ltd.
Alicon Castalloy Limited
Alkraft Thermotechnologies Pvt Ltd
All India Rubber Industries Association
Allena Auto Industries Pvt. Ltd.
Allevard IAI Suspensions Pvt. Ltd.
Allied Autotech International Pvt. Ltd.
Allied Nippon Ltd.
Almighty Auto Ancillary Pvt. Ltd.
ALP Nishikawa Company Pvt. Ltd.
Alphaa Springs Chennai (P) Ltd.
Amalgamations Repco Ltd.

Amar Autoengg. Pvt. Ltd.
Amar Autotech Pvt. Ltd.
Amar Udyog
Ambattur Industrial Estate Manufacturers' Association (AIEMA)
Ambika Auto Industries
Ample Auto Tech Pvt. Ltd.
Amtek Auto Ltd.
Amul Industries Pvt. Ltd.
Amvian Automotive Pvt Ltd
AMW Auto Component Ltd.
Anand Automotive Pvt. Ltd.
Anand CY Myutec Automotive Pvt. Ltd.
Anand I-Power Ltd.
Anand Motor Products Pvt. Ltd.
Anand NVH Products (P) Ltd.
Anand Piston International
Anest Iwata Motherson Pvt. Ltd
Anu Industries Ltd.
Apls Automotive Industries Pvt. Ltd.
ARB Bearings Ltd
Arcotech Ltd.
Aristocraft International Pvt. Ltd.
Arvind Engineering Works Ltd.
Asahi India Glass Ltd.
Ashok Leyland Limited (Foundry Division)
Ashimori India Pvt Ltd.
Ashok Agencies
Ashok Iron Works Pvt. Ltd.
Ashra Consultants Pvt Ltd.
Ashutosh Rubber Pvt. Ltd.
ASK Automotive Pvt. Ltd.
ASL Industries Limited
ASP Sealing Products Ltd.
Aspee Precision Components Pvt. Ltd.
Aspee Springs Ltd.
Associated Manufacturing LLP
Atop Fasteners Pvt. Ltd.
Aurangabad Electricals Ltd.

Authentication Solution Providers' Association (ASPA)
Auto Cluster Development and Research Institute Ltd.
Auto Ignition Ltd.
Auto Pins (India) Ltd.
Auto Shell Perfect Moulder Ltd.
Autocomp Corporation Panse Pvt. Ltd.
Autocop (India) Pvt. Ltd.
Autofit Pvt. Ltd.
Autoflex Pvt. Ltd.
Autolite (India) Ltd.
Autoliv India Pvt. Ltd.
Autometers Alliance Ltd.
Automotive Axles Ltd.
Automotive Valves Pvt. Ltd.
Autostart India Pvt. Ltd.
AVO Carbon India (P) Ltd.
AVR Valves Pvt. Ltd.
AVS Brake Linings Pvt. Ltd.
Avttec Ltd.
Axles India Ltd.

B

B. J. Spring Ltd.
Badve Engineering Ltd.
Bajaj Motors Ltd.
Balu India
Banco Products (India) Ltd.
Bar International Inc.
BASF Catalysts India Pvt. Ltd.
Baynee Industries
Bee Pee Engineering
Bellite Springs Pvt. Ltd.
Belmaks Pvt. Ltd.
Belmont Rubber Pvt. Ltd.
Benara Bearings & Pistons Ltd.
Benara Udyog Ltd.
Besmak Components Pvt. Ltd.

Besoto Starting Systems Pvt. Ltd.
Best Koki Automotive (P) Ltd.
Beta Industrial Products
Bharat Enterprises
Bharat Forge Ltd.
Bharat Gears Ltd.
Bharat Seats Ltd.
Bhavani Industries
Bill Forge Pvt. Ltd.
Bimetal Bearings Ltd.
Bindra Motors Pvt. Ltd.
Birla Precision Technologies Ltd.
BMC Metalcast Ltd.
Bohra Rubber Pvt. Ltd.
Bollhoff Fastenings Pvt. Ltd.
Bony Polymers Pvt. Ltd.
Borgwarner Cooling Systems India Pvt. Ltd.
BorgWarner Morse Systems India Private Ltd.
Bosch Chassis Systems India Pvt. Ltd.
Bosch Ltd.
Brady Company India Pvt. Ltd.
Brakes India Pvt. Ltd.
Brakewel Automotive Components (I) Pvt. Ltd.
Brembo Brake India Pvt. Ltd.
Brose India Automotive Systems Pvt. Ltd.
BSA Corporation Ltd.
Bundy India Ltd.

C
Calex Auto
Caltherm Thermostats Pvt. Ltd.
Caparo Engineering India Ltd.
Carl Bechem Lubricants (India) Pvt. Ltd.
Carlisle Trading & Manufacturing India Pvt. Ltd.
Carrier Wheels Pvt. Ltd.
Chamber of Marathwada Industries and Agriculture
Chandok Automotive Manufacturers Ltd.
Chaphekar Engineering Pvt. Ltd.
Chopra Autotech Pvt. Ltd.

Chopra Industries Pvt. Ltd.
CI Car International Pvt. Ltd.
Circlips India Pvt. Ltd.
Citizen Press Components
Climax Overseas Pvt. Ltd.
Clutch Auto Ltd.
Comstar Automotive Technologies Pvt. Ltd.
Concentric Pumps Pune Pvt. Ltd.
Conic Automotive Pvt. Ltd.
Consult Techniques (I) Pvt Ltd
Continental Automotive Components (India) Pvt. Ltd.
Continental Engines Pvt. Ltd.
Cooper Corporation Pvt. Ltd.
Coventry Coil-O-Matic (HR) Ltd.
Crescent Foundry Co. Pvt. Ltd.
CRP (India) Pvt. Ltd.
Cummins Technologies India Ltd.

D
Daejung Moparts Pvt. Ltd.
Dali & Samir Engineering Pvt. Ltd.
Dana India Pvt. Ltd.
Datta Industries
DCM Engineering Products
Deep Precision Industries
Dell'orto India Pvt. Ltd.
Delphi Automotive Systems Pvt. Ltd.
Delphi-TVS Diesel Systems Ltd.
Delux Bearings Pvt. Ltd.
Demanik Enterprises
Denso International India Pvt. Ltd.
Deusch Kyosei Engineering Pvt Ltd
Deusch Motocomp Pvt. Ltd.
Devendra Exports Pvt. Ltd.
Devilog Systems (India)
Dhoot Transmission Pvt. Ltd.
Donaldson India Filter Systems Pvt. Ltd.
Dr. M. G. R. Educational and Research Institute Trust
Drill Jig Bushing Co. (Madras) Pvt. Ltd.
Duroshox Pvt. Ltd.

Durovalves India Pvt. Ltd.
DVS Industries Pvt. Ltd.
Dyna-K Automotive Stampings Pvt. Ltd.

E
Eaton Industrial Systems Pvt. Ltd.
Ecocat (India) Pvt. Ltd.
Elcomponics Sales Pvt. Ltd.
Electrica Engineers (India) Pvt. Ltd.
Electromags - A Division of Bombay Burmah Trading Corp. Ltd.
Elofic Industries Ltd.
Emdet Jamshedpur Pvt. Ltd.
Emission Controls Manufacturers Association
Emkay Automobile Industries Ltd.
Emmbros Autocomp Ltd.
Enco Engineers Combine (Plant -II) Pvt Ltd
Endurance Technologies Ltd.
Engineering Technologies
Essae Digitronics Pvt. Ltd.
Esteem Auto Pvt. Ltd.
ET Elastomer Technik India Pvt. Ltd.
Excel Polymotive
Exedy India Ltd.
Exotech Zanini Industries Pvt. Ltd.

F
Fairfield Atlas Ltd.
Fanuc India Private Ltd.
Faurecia Automotive Seating India Pvt. Ltd.
Faurecia Emissions Control Technologies India Pvt. Ltd.
Faurecia Interior Systems India Pvt. Ltd.
Federal-Mogul Goetze (India) Ltd.
Fiem Industries Ltd.
Filtrum Polymers Pvt Ltd
Fine Blanking Pvt. Ltd.
Fitco Engineers Pvt. Ltd.
Fitex Industries Ltd.
Flash Electronics (I) Pvt. Ltd.
Fleetguard Filters Pvt. Ltd.

Flometallic India Private Limited
Flowwell Castings Pvt. Ltd.
Flywheel Ring Gears Pvt. Ltd.
Foundation Brake Manufacturing Ltd.
Flywheel Ring Gears Pvt. Ltd.
Friends Castings Pvt. Ltd.

G

G B Rubber Products
G I Auto Pvt. Ltd.
G. S. Auto International Ltd.
G. S. Autocomp Pvt. Ltd.
Gabriel India Ltd.
Gajra Gears Pvt. Ltd.
Gala Precision Engineering Pvt. Ltd.
Galaxy Bearings Ltd.
Galaxy Indicators (I) Pvt. Ltd.
Gatiman Auto Pvt. Ltd.
Gearock Forge Pvt. Ltd.
Gestamp Automotive Chennai Private Ltd.
Ghaziabad Precision Products Pvt. Ltd.
Gilard Electronics Pvt. Ltd.
GKDITR- Tooling Centre
GKN Driveline (India) Ltd.
GKN Sinter Metals Pvt. Ltd.
Global Automotive Components (P) Ltd.
Global Autotech Ltd.
Global Liners
GNA Axles Ltd.
GNA Gears Ltd.
GNA Udyog Ltd.
Gold Seal-Saar Gummi India Pvt. Ltd.
Goldy Precision Stampings Pvt. Ltd.
Gould Automotive
Grace Infrastructure Pvt. Ltd.
Graziano Trasmissioni India Pvt. Ltd.
Greenfuel Energy Solutions Pvt. Ltd.
Grind Master Machines Pvt. Ltd.
Gulati Auto Electricals Pvt. Ltd.
Guru Nanak Auto Enterprises Ltd.

H

Haldex India Pvt. Ltd.
Hampson Industries Pvt. Ltd.
Hanon Automotive Systems India Pvt Ltd
Hanon Climate Systems India Pvt. Ltd.
Happy Steels Pvt. Ltd.
Harinder Industries Pvt Ltd
Harita Fehrer Limited
Harita Seating Systems Ltd.
Harsha Engineers Ltd.
Hella India Automotive Pvt Ltd.
Hella India Lighting Ltd.
Helvoet Rubber & Plastic Technologies (India) Pvt. Ltd.
Hero Cycles Ltd.
Hero Motors Ltd.
Highco Engineers (P) Ltd.
Highway Industries Ltd.
Hilux Auto Electric Pvt. Ltd.
Hi-Lux Automotive Pvt. Ltd.
Hindustan Composites Ltd.
Hirschvogel Components India Pvt. Ltd.
Hitachi Automotive System Pune Pvt. Ltd.
Hi-Tech Engineering Systems Pvt. Ltd.
Hitkari Hitech Fibres Pvt. Ltd.
Hodek Vibration Technologies Pvt. Ltd.
Honeywell Turbo Technologies India Pvt. Ltd.
Horizon Industrial Products Pvt. Ltd.
Huf India Pvt. Ltd.

I

I E Auto Industrial Enterprise Pvt. Ltd.
IFB Automotive Pvt. Ltd.
IFB Industries Ltd.
IM Gears Pvt. Ltd.
Imperial Auto Industries Ltd.
INA Bearings India Pvt. 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.
Indo-Shell Mould Ltd.
Industrial Engineering Syndicate
Industrial Rubber Products
Infineon Technologies India Pvt. Ltd.
Injectoplast Pvt. Ltd.
Innova Rubbers Pvt. Ltd.
Insulation & Electrical Products Pvt. Ltd.
Integra Automation Pvt. Ltd.
Interface Microsystems
Inteva Products India Automotive Pvt. Ltd.
Investment & Precision Castings Ltd.
IP Rings Ltd.
IST Ltd.

J

J. K. Fenner (India) Ltd.
J.S.S. Steeltalia Ltd.
J. S. Enterprises
Jagan Lamps Ltd.
Jai Jawan Auto Components
Jaidarshan Indocraft Pvt. Ltd.
Jalex Automotive Pvt. Ltd.
Jamna Auto Industries Ltd.
Japji Enterprises
Jay Bharat Maruti Ltd.
Jay Switches (India) Pvt. Ltd.
Jay Ushin Ltd.
Jaya Hind Industries Ltd.
Jayanti Rubber Industries
Jayashree Polymers Pvt. Ltd.
Jayem Auto Industries Pvt. Ltd.
JBM Auto Ltd.
JBM Ogihara Automotive India Ltd.
JM Fricttech India Pvt. Ltd.

Johnson Matthey India Pvt. Ltd.
JRG Automotive Industries (I) Pvt. Ltd.
JRG Innotech Private Limited
JSK Bearings Company Pvt. Ltd.
Jtekt Sona Automotive India Ltd.
Jumps Auto Industries Ltd.

K

K. S. C. Engineers Pvt. Ltd.
K.R. Industries
Kafila Forge Ltd.
Kalisma Steels Pvt. Ltd.
Kalsi Engineering Company
Kalyani Forge Ltd.
Kamal CED Solutions LLP
Kamal Rubplast Industries Pvt. Ltd.
Kaneri Enterprises
Karthikeya Industries
Kavia Engineering Private Ltd.
Kay Jay Forgings Pvt. Ltd.
KCTR Varsha Automotive Pvt. Ltd.
Keihin India Manufacturing Pvt. Ltd.
Kems Forgings Ltd.
KIE Engineering Pvt. Ltd.
Kigotek Automotriz Pvt. Ltd.
Kiran Udyog
Kirat Plastics Pvt. Ltd.
Kishan Autoparts Pvt. Ltd.
Kiswok Industries Pvt. Ltd.
Klassic Wheels Pvt. Ltd.
Klassic Lamitex Pvt. Ltd.
KMP Manufacturing Company
Knorr-Bremse Systems for Commercial Vehicles India Pvt. Ltd.
Kongovi Pvt. Ltd.
Kores (India) Ltd.
KOSTAL India Pvt. Ltd.
Kova Fasteners Pvt. Ltd.
Koyo Bearings India Pvt. Ltd.
KPIT Technologies Ltd.
Krishna Maruti Ltd.
KSPG Automotive India Pvt. Ltd.

KSS Abhishek Safety Systems Pvt.Ltd.
Kulkarni Engineers
Kusalava International Ltd.

L

L. G. Balakrishnan & Bros. Ltd.
Lakhani Rubber Works
Lakshmi Precision Screws Ltd.
Lasko Engineering Co.
Laxmi Metal Pressing Works Pvt. Ltd.
Lear Automotive India Pvt. Ltd.
Lifelong India Ltd.
Linamar India Pvt. Ltd.
Liners India Ltd.
Litens Automotive (India) Pvt. Ltd.
LPS Bossard Pvt. Ltd.
Lucas TVS Ltd.
Lumax Auto Technologies Ltd.
Lumax Cornaglia Auto Technologies Pvt. Ltd.
Lumax DK Auto Industries Ltd.
Lumax Industries Ltd.
Lumax Mannoh Allied Technologies Ltd.
Lumax Industrial Corporation

M

M & M Machine Craft Pvt. Ltd.
M.D. Industries
M.K. Auto Industries
M.K. Auto Components India Ltd.
M.V.D. Auto Components Pvt. Ltd.
Maadhav Automotive Fasteners Pvt. Ltd.
Macas Automotive
Machino Plastics Ltd.
Machino Polymers Ltd.
Maco Pvt. Ltd.
Madhusudan Auto Ltd.
Madras Engineering Industries Pvt. Ltd.
Madras Radiators And Pressings Ltd.
Magal Engg. Tech Pvt. Ltd.
Magna Automotive (India) Pvt. Ltd.
Magnet Marelli India Pvt. Ltd.

Magnum MI Steel Pvt. Ltd.
Mahavir Die Casters Pvt. Ltd.
Mahindra CIE Automotive Ltd.
Mahindra Gears & Transmissions Pvt. Ltd.
MAHLE Behr India Ltd.
MAHLE Engine Components India Pvt. Ltd.
Mahle Filter Systems (India) Ltd.
Mahratta Chamber of Commerce, Industries & Agriculture
Maini Precision Products Ltd.
Makino Auto Industries Pvt. Ltd.
Makino Automotive
Mandap International Pvt. Ltd.
Mandira Marketing Pvt. Ltd.
Mando Automotive India Pvt. Ltd.
Mangal Industries Ltd.
Mann and Hummel Filter Pvt. Ltd.
Mansons International Pvt. Ltd.
Marathwada Auto Compo Pvt. Ltd.
Mark Exhaust Systems Ltd.
Marvel Vinyls Ltd.
Masu Brakes Pvt. Ltd.
Maxop Engineering Co. Pvt. Ltd
Mayur Uniquoters Ltd.
Meenakshi Polymers Pvt. Ltd.
Mega Rubber Technologies Pvt. Ltd.
Megatrend Fabcon Pvt. Ltd.
Meghdoot Pistons
Menon and Menon Ltd.
Metaforge Engineering (India) Pvt. Ltd
Metal Form
Metal Shaping & Processing Pvt. Ltd.
Metaldyne Industries Ltd.
Metallic Auto Liners Pvt. Ltd.
Metalman Auto Pvt. Ltd.
Metalman Micro Turners
Metalsa India Pvt. Ltd.
Metexim (Sourcing) Pvt. Ltd.
Micron Enterprises
Microsign Products
Mikuni India Pvt. Ltd.

Milacron India Pvt. Ltd.
Minda Corporation Ltd.
Minda Furukawa Electric Pvt. Ltd.
Minda Industries Ltd.
Minda Sai Ltd.
Minda Silca Engineering Pvt. Ltd.
Minda Stoneridge Instruments Ltd.
Minda Vast Access Systems Pvt. Ltd.
Mindarika Pvt. Ltd.
Mitsuba Sical India Ltd.
Mitsubishi Electric Automotive India Pvt. Ltd.
MKLIDE Auto Clutch Industries Ltd.
MM Auto Industries Limited
Mobis India Ltd.
Motherson-Sumi Systems Ltd.
Motoplast Components
MSL Driveline Systems Limited
Mubea Automotive India Pvt. Ltd.
Mukesh Kumar & Sons (HUF)
Multitech Auto Pvt. Ltd.
Mungi Engineers Pvt. Ltd.
Munjal Auto Industries Ltd.
Munjal Kiri Industries Pvt. Ltd.
Munjal Showa Ltd.
Musashi Auto Parts India Pvt. Ltd.
Mutha Founders Pvt. Ltd.
Mutual Industries Ltd.

Nettur Technical Training Foundation
New Engineering Works
New Swan Autocomp (P) Ltd.
New Swan Enterprises
Nexteer Automotive India Pvt. Ltd.
NGK Spark Plugs (India) Pvt. Ltd.
NHK Automotive Components India Pvt. Ltd.
Nicks Auto Industries Pvt. Ltd.
Nipman Fastener Industries Pvt. Ltd.
Nippon Audiotronix Ltd.
Nippon Thermostat (India) Ltd.
Nissim India Pvt. Ltd.
Nitto Denko India Pvt. Ltd.
Norma Group Products India Pvt. Ltd.
NPL Bluesky Automotive Pvt. Ltd.
NRB Bearings Ltd.
NTF (India) Pvt. Ltd.

Perfect Exports
Perfect Oil Seals & I.R.P.
Perfect Polymers
Peter-Lacke India Pvt. Ltd.
PHA India Private Limited
Piano Presitel
Pinnacle Industries Ltd.
Plastic Omnium Auto Exteriors (India) Pvt. Ltd.
Polyplastics Industries (India) Pvt. Ltd.
Pooja Forge Ltd.
Poona Shims Pvt. Ltd.
Porwal Auto Components Ltd.
Power Industries
PPAP Automotive Ltd.
Prabha Engineering Pvt. Ltd.
Prakash Auto Industries
Pranav Vikas (India) Pvt. Ltd.
Pravin Engineering Pvt. Ltd.
Precision Autowares Pvt. Ltd.
Precision Camshafts Ltd.
Precision Cups Pvt. Ltd.
Precision Engineering
Precision Profiles India
Precision Tech Enterprises
Precitek Components Pvt. Ltd.
Premier Plasmotec Pvt. Ltd.
Presco-Mec Autocomp Pvt. Ltd.
Pricol Ltd.
Pritika Industries Ltd.
Progressive Gear Industries (P) Ltd.
Propel Metaltech
PRS Permacel Pvt. Ltd.
Punch Ratna Fasteners Pvt. Ltd.
Punjab Bevel Gears Ltd.
Purofil Auto (India) Pvt. Ltd.
Pushkar Techno Private 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.

N

Nachi Technology India Pvt. Ltd.
Nachimuthu Industrial Association
Napino Auto & Electronics Ltd.
Narasipur Auto Components Pvt. Ltd.
Nash Products
Natesan Synchrocones Pvt. Ltd.
National Engineering Industries Ltd.
Nelcast Ltd.
Nemak Aluminium Castings India Pvt. Ltd.
Neolite ZKW Lightings Pvt. Ltd.
NeoSym Industry Ltd.

P

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

Q

QH Talbros Pvt. Ltd.

R

R.P. Autostyles
R.K. Profiles Pvt. Ltd.
RACL Geartech Ltd. (Formerly Raunaq Automotive Components Ltd.)
Radiant Complast Pvt. Ltd.
Radiant Polymers Pvt. Ltd.
Rajatdeep Overseas Pvt. Ltd.
Rajhans Pressings Pvt. Ltd.
Rajnish Industries Pvt. Ltd.
Rajsriya Automotive Industries Pvt. Ltd.
Ramkrishna Forgings Ltd.
Ramsays Corporation Pvt. Ltd.
Rane (Madras) Ltd.
Rane Brake Lining Ltd.
Rane Engine Valve Ltd.
Rane NSK Steering Systems Pvt.Ltd.
Rane TRW Steering Systems Pvt.Ltd.
Ranee Polymers Pvt. Ltd.
Rangamma Steels & Malleables
Rasandik Engg. Industries (I) Ltd.
RDH Auto
Remsons Industries Ltd.
Reydel Automotive India Pvt. Ltd.
Rico Auto Industries Ltd.
Rico Castings Ltd.
Right Tight Fastner Pvt. Ltd.
Rinder India Pvt. Ltd.
Ring Plus Aqua Ltd.
Rockman Industries Ltd.
Rolex Rings Pvt. Ltd.
Roop Automotives Ltd.
Roop Polymers Ltd.
Roots Industries India Ltd.
Rosmerta Autotech Pvt. Ltd.
Rotary Electronics Pvt. Ltd.
Rotex Automation Ltd.
RPK India Pvt. Ltd.
RSB Transmissions (I) Ltd.
RSK Motors

S

S.K. Spring Co.
S. M. Auto Engineering Pvt. Ltd.
S. S. Engineering Works
SAC Engine Components Pvt. Ltd.
Sadhu Forging Ltd.
Sainik Spring Works
Saint Gobain India Pvt. Ltd.
Sakthi Auto Component Ltd.
Samarth Engg. Co. Pvt. Ltd.
Samson Industries
Sanatan Autoplast Pvt. Ltd.
Sandeep Metalcraft Pvt. Ltd.
Sanden Vikas (India) Pvt. Ltd.
Sandhar Technologies Ltd.
Sanjeev Auto Parts Manufacturers Pvt. Ltd.
Sankar Sealing Systems Pvt. Ltd.
Sansera Engineering (P) Ltd.
Saraswati Industries
Sathya Auto Pvt. Ltd.
Sati Auto Components Pvt. Ltd.
Satyam Auto Components Ltd.
Saurat Auto-Tech Private limited
Sawalka Kel Pvt. Ltd.
Schaeffler India Limited
Sebros Auto Pvt. Ltd.
Seema & Co.
SEG Automotive India Pvt. Ltd.
Sekisui DLJM Molding 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.
Shilpi Cable Technologies Ltd.
Shiroki Technico India Pvt. Ltd.
Shivam Autotech Ltd.

Shivani Locks Pvt. Ltd.
Shore Auto Rubber Exports Pvt. Ltd.
Showa India Pvt. Ltd.
Shree Amba Industries
Shree Sainath Industries
Shree Shyam Global
Shrinivas Engineering Auto Components Pvt. Ltd.
Shriram Alpine Sales Pvt. Ltd. C/o Shriram Automotive Products Ltd.
Shriram Foundry Ltd.
Shriram Pistons & Rings Ltd.
Sibar Autoparts Limited
Siddhivinayak Aesthetics Pvt. Ltd.
Sigma Automotive Materials Pvt. Ltd.
Sigma Corporation (India) Ltd.
Sigma Freudenberg NOK Pvt. Ltd.
Sigma Moulds & Stampings Pvt. Ltd.
Silco Cables
Singhbhum Machinometal Pvt. Ltd.
Singla Forging
Sintercon India Ltd.
Sintex-BAPL Ltd.
SJS Enterprises Pvt Ltd
SKH Metals Ltd.
SKS Fastners Ltd.
SMB Engine Valves
Smoto Industries Pvt. Ltd.
SOGEFI MNR Filtration India Pvt. Ltd.
Somic ZF Components Ltd.
Sona BLW Precision Forgings Ltd.
Sona Koyo Steering Systems Ltd.
Soni Auto & Allied Industries Ltd.
Southco Technologies India Pvt. Ltd.
Spaco Technologies (India) Pvt. Ltd.
Special Engineering Services Ltd.
Special Tools Pvt. Ltd.
Spectra products Pvt. Ltd.
Spicer India Pvt. Ltd.
SPM Autocomp Systems Pvt Ltd.
Spun Micro Processing (P) Ltd.
SRM Institute of Science and Technology

SSV Valves
Standard Radiators Pvt. Ltd.
Star Engineers (India) Pvt. Ltd.
Steel Strips Wheels Ltd.
Steelbird International
Steriware Plastic Products Pvt. Ltd.
Sterling Tools Limited
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.
Sujan Cooperstandard AVS Pvt. Ltd.
Sunbeam Auto Pvt. Ltd.
Sundaram Auto Components Ltd.
Sundaram Brake Linings Ltd.
Sundaram Clayton Ltd.
Sundaram Industries Pvt. Ltd.
Sundram Fasteners Ltd.
Sunplast Electronics Pvt. Ltd.
Sunstar Precision Forge Ltd.
Sunvisors India Pvt. Ltd.
Super Auto Forge Pvt. Ltd.
Super Circle Auto Ltd.
Super Nova Auto Industries
Super Seals India Ltd.
Supercircle Pvt. Ltd.
Suprajit Engineering Ltd.
Supreme Treon Pvt. Ltd.
Suraj Components Pvt. Ltd.
Suraj General Engineers (P) Ltd.
Surya Springs
Swastik Metal Industries
Swift Enterprise Pvt. Ltd.

T

T.K. Precision Pvt. Ltd.
T.K.W. Fasteners Pvt. Ltd.
Takata India Pvt. Ltd.
Takashi Auto Components Pvt. Ltd.
Talbro Automotive Components Ltd.

Talbro Engineering Ltd.
Talbro Sealing Materials Pvt. Ltd.
Tata Autocomp Systems Ltd.
Tata Toyo Radiator Ltd.
Taylor Rubber Pvt. Ltd.
TE Connectivity India Pvt. Ltd.
Tech Auto Pvt. Ltd.
Technico Industries Ltd.
Techno Auto Products
Technocrat Connectivity Systems (P) Ltd.
Technomach (India)
Technosystems
Teksons Pvt. Ltd.
Tenneco Automotive India Pvt. Ltd.
Terminal Technologies (I) Pvt. Ltd.
Texspin Bearings Ltd.
The Automotive Research Association of India
The Hi-Tech Gears Ltd.
The Supreme Industries Ltd.
Tightwell Fastners
Tosy Auto Products
Toyo Springs Ltd.
Toyoda Gosei South India Pvt. Ltd.
Toyota Boshoku Automotive India Pvt. Ltd.
Toyota Industries Engine India Pvt. Ltd.
Toyota Kirloskar Auto Parts Pvt. Ltd.
Toyotetsu India Auto Parts Pvt. Ltd.
Track Components Ltd.
Transvahan Technologies India Pvt. Ltd.
Trigno Engineering Pvt. Ltd.
TRW Sun Steering Wheels Pvt. Ltd.
TSMPR Theepan Gaskets and Filters Industries Pvt. Ltd.
TT Electronics Sensing And Control India Pvt. Ltd.
Tube Investments of India Ltd.
Turbo Energy Pvt.Ltd.
TVS Educational Society
TVS Logistics Services Ltd.
Twenty First Century Auto Locks Pvt. Ltd.

U

Ucal Fuel Systems Ltd.
Ucal Products Pvt. Ltd.
Ucal Filters India Pvt. Ltd.
Ukay Metal Industries Pvt. Ltd.
Ukay Tech Suspensions Pvt. Ltd.
UMC Auto Industries Pvt. Ltd.
Uni Deritend Ltd.
Unitech Spares & Automobiles
Unitech Machines Ltd.
Universal Wire Forms
Usha International Ltd.
USUI Susira International Private Ltd.

V

V. S. Enterprises
Vaish Industries
Valeo India Pvt. Ltd.
Vanaz Engineers Ltd.
Varroc Engineering Pvt. Ltd.
Varroc Polymers Pvt. Ltd.
VBROS Auto Pvt. Ltd.
VE Commercial Vehicles Ltd.
Vee Tee Auto Mfg. Co. (P) Ltd.
Veena Diecasters & Engineers Pvt. Ltd.
Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science & Technology
Vibracoustic India Pvt. Ltd.
Vibracoustic Noida Private Limited
Vibrant Auto Components Pvt. Ltd.
Vibromech Engineers and Services Ltd.
Victor Reinz India Pvt. Ltd.
Victoria Tool Engineers (P) Ltd.
Vikrant Auto Suspensions
Vimal Engineering Company
Vimal Rubber Products
Vinayaka C.N.C. Centre (P) Ltd.
Vinko Auto Industries Ltd.
VISA Steel Limited
Vishwakarma Automotive Pvt. Ltd. - II
VNM Polymers Pvt. Ltd.
Voith Turbo Pvt. Ltd.

W

WABCO India Ltd.

Wahi Sons Pvt. Ltd.

Watson & Chalin India Pvt. Ltd.

Western Auto Spares

Western Thomson (India) Ltd.

Wheels India Ltd.

Windals Precision Private Limited

Wings Automobile Products (Pvt.) Ltd.

Wire Rings

Wirecom (India) Pvt. Ltd.

Wriston Elastomers (P) Ltd.

Y

Yapp India Automotive Systems Pvt. Ltd.

Yashka Stampings

Yazaki India Pvt. Ltd.

Yeshshree Press Comps. Pvt. Ltd.

York Transport Equipment
(India) Pvt. Ltd.

Yoshama And Company Pvt. Ltd.

Yugal Precision Pvt. Ltd.

Z

Zenith Forge Pvt. Ltd.

Zenith Industries

ZF India Pvt. Ltd.

ZF Steering Gear (India) Ltd.

Ziel International

**List of members as on 31 March 2018*



Automotive Component Manufacturers
Association of India

HEAD OFFICE

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Munirka, New Delhi 110 067, India
Tel: +91 11 2616 0315 | Fax: +91 11 2616 0317
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REGIONAL OFFICES

Eastern Region

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

Northern Region

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

Southern Region

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

Western Region

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

ZONAL OFFICES

Northern Region

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

Southern Region

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

Western Region

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

Western Region

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