

AUTONEWS

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SANJIV BAJAJ

MAHENDRA NATH PANDEY

16th Edition of Auto Expo 2023 Components Show

INSIDE:
ACMA AFTERMARKET SUMMIT 2023

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Editor's Note

In this edition of Auto News, you will get a glimpse of what the future holds for the automotive industry in India and what it has to offer not just domestically, but to global buyers as well. The 16th edition of Auto Expo 2023 - Components Show was held from January 12th to 15th, 2023, organized jointly with the Confederation of Indian Industry (CII) and the Society of Indian Automobile Manufacturers (SIAM). The mega event witnessed the largest-ever footfall of 1,22,500 business delegates from 65 countries. There were over 800 exhibitors from 15 countries, including six country pavilions from France, Germany, Japan, Poland, South Korea, and the UK. Additionally, the Automotive Component Manufacturers Association (ACMA) released data on the auto-component industry's performance in H1 FY 2022-23, showing steady growth in all segments - supply to OEMs, exports, and aftermarket. The auto component industry demonstrated a growth of 34.8% with a turnover of Rs.2.65 lakh crore (USD 33.8 billion) in the first half of FY 2022-23.

Furthermore, there was an electric vehicle matchmaking exposition organized in Taiwan from December 6th to 8th, 2022, aimed at exploring strategic collaborations and new partnership opportunities with Taiwanese EV, electronics, and infotainment companies. The aftermarket committee also organized a conference on Aftermarket Summit 2023 on January 11th, 2023. That apart, several workshops & training sessions aimed at upgrading the technical capabilities of employees of member companies were also organised. Several national and international experts were invited to various forums to speak on divergent subjects like automation and digitalization, to upgrade and train our members.

We hope you enjoy reading about the full coverage of ACMA activities!!

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16th Edition of Auto Expo 2023 - Components Show



The 16th edition of Auto Expo 2023 – Components Show, organised jointly by Automotive Component Manufacturers Association (ACMA), Confederation of Indian Industry (CII), and Society of Indian Automobile Manufacturers (SIAM), was held from January 12th to 15th, 2023. The mega event witnessed largest ever footfall of 1,22,500 business delegates from 65 countries. The 800 plus exhibitors from 15 countries with six country pavilions from France, Germany, Japan, Poland South Korea, and UK, witnessed packed stalls with visitors from India & overseas flocking the show for straight four days at the new exhibition halls in Pragati Maidan, New Delhi.

Sharing the highlights of the show, Sunjay Kapur, President, ACMA & Chairman, Sona Comstar said, "I am delighted that the 16th edition of Auto Expo 2023 - Components, the most awaited event of the automotive industry, has shaped very well. With participation from over 800 companies, several of them from overseas, we have been completely sold out. In the backdrop of strong economic recovery and rising vehicle sales in the country, the Auto Expo 2023-Components is expected to create newer opportunities for the components industry as also provide a platform to showcase its prowess as it strives to stay relevant in a fast-transforming industry. With confirmation of several business and sourcing delegations, the

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12-15 JANUARY 2023
Pragati Maidan, New Delhi, India
www.siam.org.in

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event will provide an ideal opportunity for networking, striking international partnerships and gaining insights into the future of mobility”.

With the show returning after a hiatus of three years, the overwhelming response to the 16th Auto Expo 2023 – Components is a testimony to the industry's indomitable spirit of resilience.

Talking about the focus of the show, Vipin Sondhi, Chairman, CII National Committee on Future Mobility and Battery Storage as also Chairman CII National Committee on Technology, R&D and Innovation said, “With significant disruptive changes being witnessed in the automotive ecosystem the world over and in India, the Auto Expo 2023- Components show was reflective of dominant trends including electric mobility, ADAS, biofuel & flex-fuel based engine technologies, vehicular safety technologies, sustainable & ecologically sound manufacturing practices, digitisation, automotive start-ups, Innovative technologies & solutions and much more. In tune with these trends, some of the like ‘the Technovation’ was designed to be a crystal-ball of future of mobility, showcasing cutting-edge technology offerings from our domestic companies”.

The key details of the Show are as under:

Show Size & Venue – The edition of the mega show was larger than any previous editions, and was spread across an area of over 60,000 sq mts covering the newly constructed halls (Halls A2 to A5 Ground



Floor and First Floor) with additional facilities at the Mezzanine level for parallel networking and conference events, at Pragati Maidan, New Delhi.

Participants - The show attracted participation from over 800 companies from 15 countries including Canada, France, Germany, India, Israel, Italy, Japan, Poland, Singapore, South Korea, Switzerland, Taiwan, Thailand, UK and USA, with six Country Pavilions – France, Germany, Japan, Poland, South Korea and UK.

Theme & Focus – The Components show was themed 'Technovation – Future Technologies & Innovations', and had the following focused Pavilions:

- EV Components, Innovation & Start-Ups
- ACMA Safer Drives
- ACMA Industry Services
- Bearings Pavilion
- Garage Equipment Pavilion
- REA, Gujarat State Pavilion

The mega event proved to be a perfect networking platforms – the following parallel events were held simultaneously during the Show:

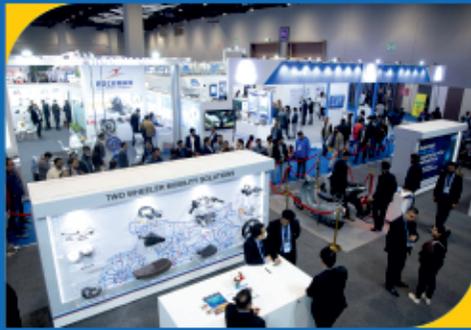
- ACMA Aftermarket Summit
- ACMA Global Summit & Automotive Technology Partnership Summit & Expo (ATPSE)
- ACMA IPO Forum
- Stakeholders Awareness cum Consultation Workshop for Development of National Strategy for Phase-down of Hydrofluorocarbons (HFCs)

- ACMA-AIWA Conference on Spare Service Support in a Changing Environment
- SIAM Sourcing Group Forum

These forums effectively engaged with the business community to conduct meaningful discussions and initiate dialogues for the future, it also brought the latest and the best technologies to the Indian Automotive industry.







INDIAN AUTO COMPONENT INDUSTRY GROWS 34.8 PER CENT TO RS. 2.65 LAKH CRORE (USD 33.8 BILLION) IN FIRST-HALF OF 2022-23

- Exports grow 8.6 per cent to USD 10.1 billion while Imports grow 17.2 per cent to USD 10.1 billion
- Transformation to EV components manufacturing gathers pace
- Industry optimistic about near term future

ACMA, announced the findings of its Industry Performance Review for the first half of fiscal 2022-23 on December 21st, 2022 in New Delhi. The turnover of the automotive component industry stood at Rs.2.65 lakh crore (USD 33.8 billion) for the period April 2022 to September 2022, registering a growth of 34.8 per cent over the first half of the previous year.

Commenting on the performance of the auto component industry in India, **Vinnie Mehta, Director General, ACMA** said, *"With vehicle sales and exports gaining traction, month-on-month, the auto component industry demonstrated a growth of 34.8 percent scaling a turnover of Rs.2.65 lakh crore (USD 33.8 billion) in the first-half of FY 2022-23. Steady growth was witnessed in all segments – supply to OEMs, Exports as also the aftermarket. Exports grew by 8.6 percent to USD 10.1 billion (Rs.79.03 lakh crore) while imports grew by 17.2 percent to USD 10.1 billion (Rs.79.8 lakh crore). The Aftermarket, estimated at Rs. 42,007 crore also witnessed a growth of 8 percent. Component sales to OEMs in the domestic market grew by 46 percent to Rs.2.23 lakh crore"*.

Sharing his insights on the performance of the auto component industry, **Sunjay Kapur, President, ACMA Chairman, Sona Comstar** said, *"With vehicle sales across all segments, reaching the pre-pandemic levels and moderation in the supply-side issues such as availability of semiconductors, high input raw-material costs and non-availability of containers, the auto components sector witnessed a steady growth in both domestic and the international markets in the first-half of FY2022-23. With domestic manufacturing of vehicles and*

components gathering pace, imports also witnessed an uptick."

Elaborating on the mood of the industry and outlook for the near to mid-term future, **Kapur** mentioned, *"Going forward, I am optimistic that the current fiscal year will witness another good performance from the auto components sector. Further, with growth in consumption of EVs, we are witnessing fast transformation of the auto components sector to be an integral part of the EV manufacturing supply chain. The components industry is making steady investments as also acquiring technology companies. For medium to long term outlook, we need to be wary of the impending recession in Europe and the US as also the supply chain issues which are not fully behind us."*

Key findings of the ACMA Industry Performance Review for H1 2022-23:

- **Exports:** Exports of auto components grew by 8.6 percent to USD 10.1 billion (Rs.79,033 crore) in H1 2022-23 from USD 9.3 billion (Rs 68,746 crore) in H1 2021-22. North America accounting for 33 per cent of exports, saw an increase of 12 percent, while Europe and Asia, accounting for 30 per cent and 26 per cent respectively also registered increase of 4 and 11 per cent respectively.
- **Imports:** Imports of auto components grew by 17.2 per cent from USD 8.7 billion (Rs.64,310 crore) in H1 2021-22 to USD 10.1 billion (Rs.79,815 crore) in H1 2022-23. Asia accounted for 65 per cent of imports followed by Europe and North America, with 26 per cent and 8 per cent respectively. Imports from Asia grew by 21 per cent, from Europe by 6 per cent and from North America by 29 per cent.
- **Aftermarket:** The aftermarket in H1 2022-23 witnessed a growth of 8 per cent to Rs 42,007 crore (USD 5.4 billion) from Rs.38,895 crore (USD 5.3 billion) in H1 2021-22.



NORTHERN REGION

INDIA -TAIWAN: MATCH MAKING EV EXPOSITION DECEMBER 6-8, 2022

ACMA, in collaboration with Government of India, organized Electric Vehicle match making Exposition in Taiwan from December 6th to 8th, 2022. The match making expo was held to explore strategic collaborations; new opportunities for partnership with Taiwanese EV, electronics, infotainment companies for sourcing technologies and to increase localization in India.



Also the expo was held to support the GoI, impetus to localize supply chain of EV Components and to make India, hub of EV components not only for Domestic market but for the World.

The exhibition was inaugurated by Mr. Gouranga Lal Das, Ambassador of India Taipei Association; Mr. Stanley Wang, Executive Secretary of Industrial working group of Industrial Development Bureau (IDB), Taiwan; Mr. Vinnie Mehta, Director General, ACMA.

Some of the highlights of the virtual expo were:

- 22 Indian companies showcased their capabilities
- 60 Taiwan Companies visited the expo in person and participated at the event.
- This includes OEMs, Tier 1 companies from Electrical, Electronics, Motor/Battery manufacturers.

During interactions with visitors indicated the event as a good initiative to showcase capabilities of the Indian component industry. And to explore potential partnership opportunities between Taiwan and India, to further boost exchange of trade & technology between the two countries

CONFERENCE ON ENVIRONMENTAL, SOCIAL & CORPORATE GOVERNANCE (ESG)

ACMA, Northern Region in association with EY organised conference on Environmental, Social and Corporate Governance (ESG) on December, 21st, 2022. ESG are a set of frameworks used to assess the impact of a company's sustainable and ethical practices on its financial performance and operations.

Addressing the Participants, Mr. Vikrampati Singhania, Chairman-NR, ACMA welcomed the Speakers from EY India and emphasised how ESG evolved and gained momentum. He also highlighted the importance and need for corporates to implement, follow and practice ESG in their regular practice. While Mr. Sanjay Malhotra,

Chairman of NR CFO Forum set the context of the theme during the discussion.

The esteemed panellists for the conference were: Mr. Saunak Saha, Partner, Mr. Gokul Pandian, Director and Mr. Lakshay Ahuja, Manager from EY. They deliberated and touched upon following topics:

- Value Creation thru ESG
- GHG accounting and Net Zero
- Climate Risks and disclosure

The event was well attended by 65 delegates from ACMA membership & received a very good feedback.





ACMA Aftermarket Summit 2023

ACMA AFTERMARKET SUMMIT 2023

ACMA, Aftermarket Committee jointly with Northern Region organised conference 'ACMA Aftermarket Summit 2023' on January 11th, 2023 on the side-lines of Auto Expo 2023 – Components. Some of the issue related with Aftermarket, addressed during the summit were; **collaborating & leveraging the start-up ecosystem, aftermarket in India: challenges & opportunity and emerging and trending global market practices.**

Addressing the Participants, Ms. Shradha Suri Marwah, Vice President, ACMA welcomed the speakers & appreciated the efforts of Mr. Ramashankar Pandey, Chairman Aftermarket- ACMA for initiating & inviting eminent speakers for the summit.

Mr. Pandey, in his address set the context for the day, and also introduced Theme Presenter Ms. Vinutaa S, Vice President and Sector Head, ICRA who shared his insights on Auto Component Replacement Market.

While closing the Inaugural session, Mr. Vinnie Mehta, Director General, ACMA thanked all the speakers for joining & sharing their expertise on the subject matter and also appreciated ICRA for sharing a very insightful prospective Trend & Outlook of Aftermarket, Key Challenges on EV adoption which could restrain while implementation of scrapping policy and Global Landscape-Overseas Trends .

The conference was followed with Panel discussions on the following:

Session 1- Panel Discussion- Collaborating & Leveraging the Start-up Ecosystem



Moderated by- Mr. Ramashankar Pandey- Chairman, Aftermarket, ACMA

Panelists-

- Mr. Shobhit Gupta, Joint Managing Director- Holostik Group



- Mr. Praveen Hari, Founder & CEO- Jit Finco.
- Mr. Krishnakumar R, Co- Founder- Pitstop
- Mr. Abhishek Patodia, President- Used Car- CarTade Tech Ltd.

Session 2- Panel Discussion- Aftermarket in India : Challenges & Opportunity

Moderated by- Mr. Hemal Takkar, Director Transport, Logistics and Mobility-CRISIL

Panelists-

- Mr. Rakesh Kher, CEO-Uno Minda Limited.
- Mr. Sandeep Begur Seshadri, CEO- Koovers
- Mr. Deepen Barai, Director- Speedforce

Session 3- Panel Discussion-Emerging and Trending Global Market Practices

Moderated by Mr. Som Kapoor, Future of Mobility Leader- Consulting, Partner-EY India Automotive

Panelists-

- Mr. Chris Garner, Senior Vice President, Operations Automotive Aftermarket Suppliers Association- US
- Mr. Aleksei Suslov, Development Director- NEXUS Automotive- Russia.

- Concluding the Session, Mr. Ramashankar Pandey thanked all the Speakers, Sponsors and the participants for making the event more meaningful.





ACMA - VREDESTEIN TYRES INVITATIONAL GOLF TOURNAMENT

ACMA, Northern Region organised the 12th edition of Invitational Golf Tournament on January 13th, 2023, at Qutab Golf Course, New Delhi. The tournament was held concurrently with the 16th Auto Expo 2023 – Components.

Since its inception the tournament has become popular among the leaders of automotive world in India. They look forward to meet and contacts people from the fraternity.

Senior members from OEMs, ACMA members, Government officials, and eminent Golfers from PAN India participated in the event. A total of 100 golfers participated in the event.

Mr. R. C. Bhargava, Chairman, Maruti Suzuki India Ltd. was the Chief Guest to “tee-off” the tournament.

The other Key participants for the day included –

The players amongst the participants included : Mr. Hisashi Takeuchi, MD & CEO, Maruti Suzuki India Ltd., Mr. Takanobu Watabe, Operation Head Purchasing, Honda Car India Ltd., Mr. Rajeev Chaba, President & MD, MG Motor India Pvt. Ltd., Mr. Umesh Talwar, CMD, QH Talbros Ltd., Mr. Vipin Verma, President & Business Head, Kotak Mahindra Bank., Mr. Rohit Relan, CMD, Bharat Seats Ltd. and others has joined the tournament.

The tournament was followed by dinner and was attended by Mr. Shalender Jad, AGM – Purchasing, Honda Cars India Ltd., Mr. Talathi Prasad, Head of Global Sourcing, Navistar, INC. from the ACMA Executive Committee included, Mr. Rattan Kapur, Past President,

ACMA & Chairman & MD – Mark Exhaust Systems Ltd.; Mr. D K Jain, Past President, ACMA – Lumax Industries Ltd.; Mr. Jayant Davar Co-Chairman & MD, Sandhar Technologies Ltd.; The Regional Committee and other ACMA members who participated at the Tournament included: Mr. Anil Minda, MD, Anu Industries;; Batras of Magnum Industries; Tushar Arora from AIP; Mr. J S Rangar from Stork Rubber, Mr. Ranjot Singh, MD, Emdet Jamshedpur has joined.

The Tournament was marked by the presence of officials from the Government departments included: Mr. Rajneesh Kumar - Jt. Secretary - Ministry of Commerce & Industry; Mr. Ravish Kumar, Ministry of Railways; Dr. Surajit Mitra, Advisor, GOI.





The winners of the tournament were:

ACMA NR - APOLLO TYRES 12th INVITATIONAL GOLF TOURNAMENT WINNERS - 2023!

ON COURSE CONTEST - OVERALL PRIZES	
CATEGORY	NAME
ACMA - STRAIGHT DRIVE - HOLE 1	Mr. Vishesh Chandiok, CEO, Grant Thornton Bharat LLP
THE KHYBER - CLOSEST TO PIN - HOLE 6	Mr. Kundan Kumar, IAS, Jt. Sect., Niti Aayog
VREDESTEIN - LONGEST DRIVT - HOLE 8	Mr. Armaan Anand, Director, Anand NVH Products Pvt. Lt.d
VREDESTEIN STYLIST GOLFER-360-CLOSEST TO PIN- HOLE 10	Mr. Jinendra Munot, Chairman, KCTR Varsha Automotive P Ltd. & Vice. Adm Satish Soni, Indian Army
APOLLO SUPERTECH- CLOSEST TO PIN-HOLE 13	Mr. Brij Bhushan, Chairman, BMB Developers Pvt Ltd

RUNNER-UP HANDICAP CATEGORY	
CATEGORY	NAME
RUNNER UPTO 18	Mr. Surya Bedi, Sigma Corporation India Ltd.
RUNNER (19-24)	Mr. Sanjeev Kawatra, Associate Vice President, Bharat Seats Ltd.

WINNER IN HANDICAPP CATEGORY (NETT)	
CATEGORY	NAME
WINNER 0-18	Mr. Rajeev Pasricha
WINNER 19-24	Mr. Satish Sharma, MD, Apollo Tyres

LADIES	
CATEGORY	NAME
WINNER : LADIES	Ms. Namrata Dhir, Director, KD International
RUNNER-UP: LADIES	Ms. Bharti Verma, Self Employed

FRIENDS OF ACMA	
CATEGORY	NAME
WINNER : Friends of ACMA	Mr. Amarjeet, Chief Engineer (R), Indian Railways
RUNNER-UP: Friends of ACMA	Mr. Nitin Patnia, SVP, Nuvama



WESTERN REGION

TECH-SHOW WITH KINETIC GREEN, PUNE

ACMA, Western Region organised 1st ever tech show with Kinetic Green was on December 3rd, 2022 in Pune. The show was an effort to continue engagement with OE customers for business development.



The technology show was inaugurated by Ms. Sulajja Firodia Motwani, Founder & CEO, Kinetic Green. And a total of 23 companies participated to showcase their products.

The senior management of Kinetic Green from Purchasing, Product Design, Research & Development, Manufacturing, Strategic sourcing, Quality Control Assurance, Warranty, validation and Service visited and interacted with all the participants at the show.

The feedback from Kinetic green and participants was very encouraging. Kinetic Green expressed their willingness to have more such engagements in future.

9th INVITATIONAL GOLF TOURNAMENT

ACMA, Western Region organized 9th edition of Invitational Golf Tournament & Networking Dinner on December 11th, 2022. The prestigious event was held at The Poona Club Golf Course, Pune.



Continuing the tradition OEMs, ACMA members and eminent Golfers from different parts of India, participated in the event. Mr. Piyush Arora, Managing Director, Skoda Auto Volkswagen India Pvt Ltd. was the Chief Guest for the Prize distribution ceremony. A total of 76 Golfers participated in the tournament.

Key participants from OEMs include, Mr. Dinesh Kulkarni, Vice President, Bajaj Auto, Mr. Sameer Deshpande, Vice President, Bajaj Auto, Mr. Piyush Arora, Managing Director, Skoda Auto



Volkswagen India Pvt Ltd., Mr. Christopher Marsh, Supplier development , JLR, Mr. Jon Clayton , Head Supplier, JLR, Mr. Tushar Karve, GM Manufacturing, Tata Motors, Mr. Ajay Patil, CFO, Cummins India, Mr. Davinder Singh, Dy. GM, TMPVL, Mr. Devendra Bhatnagar, CEO & ED, Mahindra Defence Systems Limited, Mr. Ravi Gogia, President, FIAT.

Prize distribution was held in the evening for the winners and was followed by dinner. Networking dinner witnessed the august presence of ACMA Executive Committee members, senior officials from OEMs such as Tata Motors, Cummins India, FIAT , Bajaj Auto , JLR , Mahindra, John Deere and Skoda Auto Volkswagen India.

The winners of the tournament were:

CATEGORY - ACMA MEMBERS & OEMs	
WINNER	Mr. P V Raju
RUNNER-UP	Mr. Mihir Jayraman
2nd RUNNER-UP	Mr. Jinendra Munot
CATEGORY - INVITEE	
WINNER	Mr. Raju Nageshkar
RUNNER-UP	Ms. Reema Agarwal
Nearest to Pin	Mr. Ravi Gogia
CATEGORY - INVITEE	
Straights Drive	Mr. Ajay Patil
Longest Drive	Mr. Ankit Mishra
Overall Gross	Mr. Nitesh Shindey

INTERACTION WITH MR. TARANG JAIN, CMD – VARROC GROUP

ACMA, Western Region organized special interactive session Mr. Tarang Jain, CMD – Varroc Group on January 20th, 2023.



Varroc has earned a global auto-technology brand under the dynamic leadership of Mr. Jain. The company was founded back in 1990 with its India-based Polymer business unit. The company has now expanded into globally with offerings across the automotive space having 36 manufacturing facilities, seven technical centers in eight countries.



Sharing his insights on emerging trends in automotive sector and the opportunity that the industry has, Mr. Jain, stated the confluence of technology and clean tech in automotive is causing a major

disruption in the automotive industry, globally. There is a big shift from conventional business to new business models, it is not just desirable but imperative to develop safe, smart and sustainable future mobility solutions. Varroc have been at the forefront to invest in research and development in automotive space. We have 15 R&D centers across the globe, that have secured 162 patents, he added.

On regulations, Mr. Jain mentioned that we should expect lot of regulations on safety. At the same time, we also need to watch that no surprises should come which makes us uncompetitive, he added. During the interactive session, CRISIL was invited to make a presentation on 'Emerging trends in Auto Sector'. The presentation was made by Mr. Hemal Thakkar, Director, Consulting - Transport, Mobility & Logistics, CRISIL Market Intelligence & Analytics highlighting the emerging trends on E- mobility and how the various segments of the automobile are moving / expected to move in near future.

The event was appreciated by the participants and the feedback remained encouraging.



2 | GOVERNMENT AFFAIRS & STRATEGIC INITIATIVES

SOUTHERN REGION

ACMA – CK PRESENTS DIGITAL TRANSFORMATION USING AWS

ACMA, Southern Region as part of its Digital Initiatives organised along with Cloud Kinetics organised session on '*Digital Transformation using AWS*' on December 20th, 2022 in Chennai.



Mr. Chandrasekar Ranganathan, Head – Digital Transformation, J.K. Fenner (India) Ltd. & Member of ACMA's Digital Committee welcomed the speakers and the participants. While, **Mr. Chandrasekar Ranganathan**, in his address introduced the speakers **Mr. Dhanasingh Vinod**, Head - Geo Expansion, India, AWS, **Mr. Joe Francis**, Country Managing Director, Cloud Kinetics, **Ms. Namrata Dongre**, Automotive Industry Specialist, India, AWS.

Mr. Vinod, in his presentation, explained in detail his company profile and their cloud based services including; computing, storage, networking, database, analytics, application services, deployment, management, machine learning, mobile, developer tools, Rob-Ops and tools for the Internet of Things (IoT).

Ms. Dongre, spoke about the benefits of AWS for Automotive Industry. She mentioned the various digital based production systems being offered such as Digital Quality Management System (DQMS), Industry 4.0 implementation, Management Information System (MIS).

Mr. Joe Francis, gave a short presentation on services provided by Cloud Kinetics to the automotive industry.

A total of 35 delegates from members companies joined the session. And the feedback remained excellent.



3 | SKILLING AND MENTORING

NORTHERN REGION

ONLINE AWARENESS SESSION ON KAIZEN

ACMA, Eastern Region, organised online session on 'Kaizen Awareness' on December 5th, 2022. The objective of the session was to inculcate & accelerate the spirit of Kaizen at workplace through involvement of employees.



The faculty for this workshop was, Mr. Dinesh Vedpathak, CEO - Skilling & Mentoring, ACMA. M. Tech (Machine Design). He has completed Fellowship in Manufacturing from Kalyani- Cranfield University, UK.

Mr. Atul Dua, MD, Multitech Auto Pvt. Ltd. welcomed the participants to the session. And also thanked the management of the member organizations, for their support.

In his presentation, Mr. Vedpathak, gave the brief definition of Kaizen and its importance. He also discussed in detail about the preparation for Kaizen Competition.

The topics covered by him included:

- What Kaizen means?
- Who implements Kaizens?
- Elements of Kaizen
- Main principles of Kaizen
- Methodology of implementing Kaizens
- Types of Wastes
- Features of Kaizen
- What are Kaizen events

Case studies were used to make the topic relevant and make the delegates understand the "Kaizen" better. Faculty also explained the Kaizen Sheet which will be presented in the competition and the ways to fill the sheet. He also mentioned that Kaizen is about decreasing waste by eliminating overproduction, improving quality, being more efficient, having less idle time, and reducing unnecessary activities.

The session was attended by 98 participants from 20 companies of Eastern Region. The feedback received remained excellent.

10th KAIZEN COMPETITION

ACMA, Eastern Region, organised 10th Kaizen competition on December 15th, 2022. A total of 45 kaizen presentations and 13 viewers from member companies participated in the event.

The Chief Guest for the competition was Mr. Ramphal Nehera, Plant Head, Tata Cummins Ltd, Jsr. While, the rules and guidelines were presented by Mr. Anil Kumar Unni, Regional Secretary, ACMA (ER), Jamshedpur. He also introduced the Jury members to all.

The four jury members were Mr. Prithish Kumar, Tata Motors Ltd., Mr. Anit Roy, Tata Motors Ltd, Mr. Prakash S Yadav, Tata Cummins Ltd. & Mr. Tusar Ranjan Routray, Tata Cummins Ltd.

Due to the large number of Kaizen presentation the competition was held in two different halls. a) Alcove II & b) Professional I.

The result of the competition was:

10th KAIZEN COMPETITION, ACMA (ER) - JAMSHEDPUR ON 15.12.2022				
Winners	Company Name	Kaizen Theme	Presenter	Kaizen No. & Hall
1st Prize	Ramakrishna Forgings Ltd.	Elimination of breakdown due to robot gripper failure	Mr. Hariom Katyayan & Mr. Vivek Kumar	10 - Professional I & II Hall
2nd Prize	Multitech Auto Pvt. Ltd.	To eliminate the wrong side milling defect in cylinder cover	Mr. Nikki Kumari & Mr. Mukesh Singh	6 - Professional I & II Hall
3rd Prize	Brakes India Private Ltd.	Elimination of Torque missing in Chamber Brkt.	Mr. Ramkumar & Mr. Shashikant	19 - Professional I & II Hall

ONE DAY TRAINING ON

“3M – Muda, Mura, Muri”

ACMA, Northern Region organised Open house training session on ‘3M – Muda, Mura and Muri’ on December 13th, 2022. The 3M – Muda, Mura and Muri, helps to understand wasteful actions that negatively impact workflow, productivity and ultimately, customer satisfaction. The training was held to guide the appropriate type of action that was required for improving the quality of the product.

The faculty for the training was **Mr. Vijay Saxena**, A Corporate Trainer, with four decades of Industrial experience and 18 years’ experience in Executing Skill Based Educational Degrees and Training Programs.

The objective of the Training was to:

- Provide guidelines for what to avoid in the way of inefficient resource allocation
- Improve Efficiency and Increase Profitability
- Avoiding Repetition of Problems
- Implement Control charts for Process Control in daily routine
- Drive improvement actions

The trainer covered the following topics during the course of the training, which included:-

Problem definition, Building up Quality Circle, QC approach to Problem solving, Actual QC implementation process, Seven QC tools explanation, PDCA cycle, Practical QC Problem solving approach, Benefits of QC Tools, Matrix Diagram, Matrix Data Analysis, Relationship Diagram, Affinity Diagram, Tree Diagram, Arrow Diagram, Process Decision Program Chart, Practical examples.

The session was concluded with case study and practical exercises where participants were asked to carry out group activity by undertaking one problem related to their work profile.

8th KAIZEN CONTEST

ACMA, Northern Region, organised 8th Kaizen Contest on December 9th, 2022 in Manesar, Haryana. A total of 50 teams from 27 northern region member companies participated in the competition.

The chief guest for the session was Mr. Vikas Matta, Executive Director – Plant Head - AVP, Hero MotoCorp Ltd. – Gurugram Plant. While the four jury member were:

- Mr. Dheeraj Arora – Deputy General Manager, Maruti Suzuki India Ltd.
- Mr. Sandeep Singla – AGM, Maruti Suzuki India Ltd.
- Mr. Monto Phillips – Head –Business Excellence, Hero MotoCorp Ltd.
- Mr. A J Vikasdeep – Head – Business Excellence, Hero MotoCorp Ltd.

The jury members introduced and the guidelines for the competition to the competing teams.

Speaking on the occasion Mr. Hitesh Jain, Co-ordinator ACMA Northern Region Zone IV - Uttarakhand highlighted importance of Kaizens and the competition. He highly appreciated and complimented the overwhelming participation. Kaizen has been a successful methodology for achieving perfection by eliminating waste (Muda) in the workplace (Gemba), also for targeting production without wastes by improving standardized activities and processes, he further added.

Providing an overview of the presentations by the participating Kaizen contest teams Mr. A J Vikasdeep, said the Kaizen is a never ending activity and manufacturing units should continue with Kaizen practices as the requirements for improvement for Quality, Cost Competitiveness.

Complimenting all the Participating teams, the Chief Guest Mr. Matta, reiterated that Kaizen is the spirit of automotive industry

world over. He also appreciated the efforts of the Jury Team in emphasising the key difference between the QC & the Kaizen. Mr. Matta highlighted on the following important points as their key take-aways for the participants in his inspiring address:

- Philosophy of Continuous Improvement
- Key to do the best all the times and not to be complacent
- Kaizen should be adopted by the complete stakeholders in the supply chain and hence the Horizontal Deployment is very essential
- Kaizen not just improves cost, production and quality but it improves work and life.
- In view of future of public transportation system, Kaizen has an important role to play

The winners of 8th Kaizen Contest, ACMA Northern Region were:

WINNERS OF THE CONTEST			
Winners	Company Name	Team Name	Kaizen Theme
1st Prize	Subros Ltd.- Noida	Josh	Cost Savings
2nd Prize	MAHLE Anand Filter Systems Pvt. Ltd.	Aakash	Quality
3rd Prize	Shriram Pistons & Rings Ltd.	Shiney Quality Circle	Quality Improvement- Ring Manufacturing

SOUTHERN REGION

ACMA SOUTHERN REGION 14th KAIZEN COMPETITION

ACMA, Southern Region, organised the 14th Regional Kaizen Contest on December 16th, 2022 in Bangalore. The event was held in two parallel halls to accommodate the number of teams. Top three winners were identified from each category and were awarded.



A total of 54 teams from various companies participated in the competition.



WINNERS OF THE CONTEST		
S.No.	Company Name	Name
1	Honda Motorcycle and Scooter India Pvt. Ltd.	Mr. T S Chokkalingam
2	Tractors and Farm Equipment Limited	Mr. R Vasu
3	TVS Motor Company Ltd.	Mr P Kailasanathan
4	Totota Kirloskar Motor Pvt. Ltd.	Mr. B Santosh Kumar



The esteemed jury for the competition included:

The jury also shared their knowledge and experience with the competing teams. Presenting the combined views & impressions Mr. Kailasanathan, appreciated all the teams for their efforts in planning, preparing and presenting their case studies.

The Juries highlighted the following points that are of importance:

1. Good presentation & learning
2. Some teams had their video on and spoke very enthusiastically
3. Functional teams presented and was very good
4. Teams narrated the story very well

The jury also shared some points to improve:

1. To make a Standard template – cost saving- before / after
2. To encourage more women to participate
3. Why-Why has to be perfect
4. Kaizen sheet to made mandatory part of the ppt
5. There is lot of written text, presentation to focus on tools used properly

The following teams were adjudicated winners at the competition:

Category Winners:

Productivity

Position	Company Name	Name
1st	ZF Commercial Vehicle Control Systems India Limited	Rangers
2nd	Sansera Engineering Ltd.	Press Warriors
3rd	Saint-Gobain India Pvt. Ltd.	Sprint
3rd	Accurate Products Corporation Pvt. Ltd.	Accurate Products

Quality:

Position	Company Name	Name
1st	NSK Bearings India Pvt. Ltd.	
2nd	Lumax Industries Ltd.	Igniters
3rd	Aditya Auto Products & Engineering (I) Pvt. Ltd.	Aditya Challengers
3rd	Suprajit Engineering Ltd.	Creative Resolvers

Cost:

Position	Company Name	Name
1st	Turbo Energy Pvt. Ltd.	Green Turbo
2nd	Delphi - TVS Technologies Ltd.	Gyration
3rd	Continental Automotive Components (India) Pvt. Ltd.	ASCM

Delivery

Position	Company Name	Name
1st	Rane (Madras) Ltd., Mysore	Siddivinayaka
2nd	ZF Commercial Vehicle Control Systems India Limited	Actuator
3rd	Wheels India Ltd., Padi	Pace Setter

Safety

Position	Company Name	Name
1st	Sogefi Engine Systems India Pvt Ltd	Explorers
2nd	Sansera Engineering Ltd	Enigma
3rd	SJS Enterprises Ltd	

Non-Members

Position	Company Name	Name
1st	Nexteer Automotive India Pvt Ltd	Nexteer HT
2nd	MVD Fasteners Pvt Ltd	Chunch Studs
3rd	MVD Fasteners Pvt Ltd	Rivet Nuts

National Winners

Position	Company Name	Name
1st	Rane (Madras) Ltd., Mysore	Siddhivinayaka
2nd	ZF Commercial Vehicle Control Systems India Limited	Rangers
3rd	Turbo Energy Pvt. Ltd.	Green Turbo

ACMA – CIT TRAINING PROGRAM ON KUKA INDUSTRIAL ROBOTS

ACMA, Southern Region, signed MoU with Chennai Institute of Technology, to organise training program on KUKA Industrial Robots at the university premise for the membership of ACMA. The training were organised on January 23rd, 24th & 25th, 2023.



The first batch of training session saw 15 participants from five companies who took advantage of the training.

The faculty for the training was Mr. P. Vinod Kumar, who is a graduate in Electrical & Electronics Engg from Pondicherry Univ and PG in robotics. Currently pursuing PhD in Robotics. A Certified KUKA Trainer Certificate from Germany.

The Key-Topics had below covered during the session:

DAY 1

- Introduction to Robotics (Evolution /Laws of Robotics /Industrial Robots, Robots Subsystems, Applications of Robotics)
- Safety instructions (Liability, Representation of warning and notes, Designated use of the robot system).



- Description of the robot system (Terms used in robot system Safety features of the robot system)
- Safety while using gripper, Introduction to KUKA Robot [KRC4] (Overview of Kuka robot system) Hands on Training.

DAY 2

- Introduction to robot programming (Physical program) Hands on Training.
- Jogging the robot (Selecting and setting operating modes, moving in axes specific, Moving in coordinate systems, Controls over smart pad) Hands on Training.
- Industrial Visit.

DAY 3

- Motion types – PTP, LIN, CIRC and Working with program modules (Structure of a module, Deleting a program, Renaming a program, Duplicating a program) Hands on Training.
- Using logic functions in the robot program (Wait functions, switching functions, Time distance functions, looping statements, Creating sub programs)



- Calibration (Tool calibration, Base calibration, Fixed tool calibration) Mastering the robot Axes with hands on Training.
- Creating and executing robot programs (Structure of a robot program, Steps for creating robot program, Selecting and opening the robot program, Status of the program) Hands-on Exercises in Industrial Robots

The training was followed by a plant visit to Saint Gobain India Pvt. Ltd.

The session was termed useful and it received positive feedback from the participants.

WESTERN REGION

13th REGIONAL KAIZEN COMPETITION

ACMA, Western Region, organized 13th edition of Kaizen Competition on December 20th, 2022. The Competition was held under five categories; **1) Productivity 2) Quality 3) Cost 4) Delivery and 5) Safety.**



The esteemed jury comprised of Mr. Robinson Joseph, ME Leader, India ABO, Cummins India, Mr. Amit Sawant, Business Excellence, Mahindra & Mahindra Ltd., Mr. Swaroop Mysore, Sr. General



Manager - Head of Quality Management, Skoda Auto Volkswagen India, Mr. Anant Doiphode, SQE, FIAT India, Mr. Vijay Dabhade, Senior Manager- Kaizen Dept., Tata Motors Ltd. (CVBU), Mr. Nilesh Gajankush, Head - Paint quality function, John Deere, Mr. Sandip Gade, Senior Manager- Kaizen Dept., Tata Motors Ltd. (CVBU).

ACMA Member companies were invited to present the case studies in the spheres of Productivity, Quality, Cost, Delivery and Safety

implemented, Results achieved and scope & plan for horizontal deployment in their respective organization.

The case study presentation made by companies focused on:

A) Specific

- Quality Improvement for Pinion shaft Forging Process
- Reducing Logistic cost in X 104 project
- Improve Traceability and Process optimization
- Reduce Electrical Energy Consumption of HPDC Machine
- Improve delivery performance with use of IT
- Capacity enhancement with minimum investment on winding machine magneto line
- Productivity improvement through Effective Utilization of Cubic area of Tractor for dispatch

The Chief Guest for the valedictory session was Mr. Dinesh Joshi, Head - Materials Technology, SKODA AUTO Volkswagen India Private Limited. While Mr. Suresh KV, Co-Chairman, Western Region, ACMA & President, ZF India Pvt. Ltd. in his remark said the Kaizen at the Shop floor have direct connect with the business. If the product meets all quality parameters desired by the customers the business will continue to grow, he added.

A total of 106 teams participated in the competition under five categories.

Following teams were announced winners:

WINNER		
Position	Company Name	Team Name
1st	Flash Electronics (I) Pvt Ltd, Pune	Sunrisers Magneto
2nd	Dana Anand India Pvt Ltd, Pune	Warrior
3rd	Cooper Corporation Pvt Ltd, Satara	Aspire

1st Runner-Up		
Position	Company Name	Team Name
1st	Lumax Auto Technologies Ltd, Pune	Jupiter
2nd	Gabriel India Ltd, Nashik	Innovator
3rd	Grupo Antolin India Pvt Ltd, Pune	Spartan

2nd Runner-Up		
Position	Company Name	Team Name
1st	Fenace Auto Ltd, Nandur	Fenace Contenders
2nd	Bosch Chassis Systems India Pvt Ltd, Pune	Shodh
3rd	RSB Transmission (I) Ltd, Pune	Achievers

Quality		
Position	Company Name	Team Name
1st	Brose India Automotive	Annihilators
2nd	Bharat Forge Ltd, Mundhwa, Pune	FMD 2 - Achievers
3rd	Tata AutoComp Systems Ltd, Pune	EV Star

Cost		
Position	Company Name	Team Name
1st	Dana Anand India Ltd, Pune	Energy Saving 2
2nd	Mutha Founders Pvt Ltd, Satara	Technovity
3rd	Minda Vast Access Systems Pvt Ltd, Pune	Achievers

Productivity		
Position	Company Name	Team Name
1st	Groupo Antolin India Pvt Ltd, Pune	Swarajya
2nd	Aurangabad Electricals Ltd, Plant GDC, Paithan	Black Panther
3rd	PRS Permacel Pvt Ltd, Ambernath	Rotozen

Safety		
Position	Company Name	Team Name
1st	Tata AutoComp Systems Ltd, Pune	Pioneer Mind
2nd	Tata AutoComp Hendrickson Suspensions Pvt Ltd, Pune	Vijeta
3rd	Polyplastics Industries (India) Pvt Ltd, Pune	Poly Green Stars

Best Presentation under Delivery		
Position	Company Name	Team Name
1st	Oetiker India Pvt. Ltd., Raigad	The ErgonoMist

Best Presentation under First Time Participation		
Position	Company Name	Team Name
1st	General Industrial Controls Pvt Ltd, Pune	GIC Moulding

The games were held to strengthen the bonding among members, colleagues and peer group. Overwhelming response from members companies was received and over 251 Players participated in different games.

All the game rules & Guidelines had been followed by the participants.

Following were declared Winners:

Badminton Men's Single Category		
Position	Company Name	Winner Name
1st	Tata Technologies Ltd, Pune	Mr. Yogesh Gunjal
2nd	Knorr-Bremse Systems for Commercial Vehicles (I) Pvt Ltd, Pune	Mr. Ganesh Maral
3rd	Araymond India Pvt Ltd, Pune	Mr. Rahul Joshi

Badminton Women's Single Category		
Position	Company Name	Winner Name
1st	Teksons Pvt. Ltd., Mumbai	Ms. Indrani Vishwakarma
2nd	Teksons Pvt. Ltd., Mumbai	Ms. Sunita Dashauni

Table Tennis Men's Single Category		
Position	Company Name	Winner Name
1st	KSPG Automotive India Pvt. Ltd., Pune	Mr. Hrishikesh Gandhi
2nd	Tata AutoComp Systems Ltd, Pune	Mr. Mayuresh Gurav

Carrom Men's Single Category		
Position	Company Name	Winner Name
1st	Right Tight Fasteners Pvt. Ltd., Nashik	Mr. Shakib Shaikh
2nd	Bharat Forge Ltd., Pune	Mr. Suresh Shelake
3rd	Bharat Forge Ltd., Pune	Mr. Feroz Attar

Carrom Women's Single Category		
Position	Company Name	Winner Name
1st	Teksons Pvt. Ltd., Mumbai	Ms. Indrani Vishwakarma

5th INDOOR GAMES COMPETITION

ACMA, Western Region, organized 5th edition of Indoor Games Competition on January 8th, 2023 at Pune. The competition was organized for the games like; Carrom, Chess, Badminton and Table Tennis.



The Participating Companies include: Bharat Forge, ARaymond Fasteners, Knorr-Bremse Systems, Imperial Auto, Lumax Industries, Flash Electronics India, Sansera Engineering and ZF India etc.



Chess Men's Category		
Position	Company Name	Winner Name
1st	Plastic Omnium Auto Exteriors (India) Pvt. Ltd., Pune	Mr. Shivaji Patil
2nd	Brose India Automotive Systems Pvt Ltd, Pune	Mr. Shivakumar Goyal

Chess Women's Category		
Position	Company Name	Winner Name
1st	Aptiv Components India Pvt. Ltd., Pune	Ms. Ashwini Bongarde



TRAINING PROGRAMME ON "OEE IMPROVEMENT AND LOSS MONITORING"

ACMA, Western Region, organized training Programme on 'OEE Improvement & Loss Monitoring' on January 19th, 2023. The objective of this training was to understand the relationship between OEE/OE/TEEP & profitability, different losses contributing to low OEE (Overall Equipment Effectiveness), and when to measure and what to measure.



The faculty for the training was Mr. Swapnil Kamble, a qualified six sigma Green & Black Belt.

The training providing better understanding & learning in the following key areas:

- Real meaning of OEE (Overall Equipment Effectiveness) /OE (Out-of-Expectation)/TEEP (Total Effective Equipment Performance)

- Relationship between OEE/OE/TEEP
- Loss analysis for OEE.
- Different types of losses contributing to low OEE.
- Calculation methodology of OEE/OE/TEEP.

A total of 39 participants participated in the event, the feedback received remained excellent.



3rd HR BEST PRACTICES COMPETITION

ACMA, Western Region, organized 3rd edition of HR Best Practices Competition on January 24th, 2023 virtually. The purpose of organizing the best practices competition was to provide platform to the HR community to share their best practices and give due recognition to the employees for their contribution.

The Competition was held under three categories; **Learning & Development, Employee Engagement & Recognition and Beyond HR/ Innovative HR.**

ACMA Member companies were invited to present the case studies in respect of the Learning & Development, Employee Engagement & Recognition and Beyond HR/Innovative HR implemented in their respective organization.

The chief guest for the session was Mr. Mohan Patil, Chairman - ACMA Western Region HR Forum & Head – HR, Bosch Chassis Systems India Pvt. Ltd. While the jury comprised of Mr. Rahul Dabi, Chief Manager HR & Admin, ŠKODA AUTO Volkswagen India Private Limited and Mr. Sukrit Prashar, Head - Corporate HR, Fiat India Automobile Private Limited.

A total of 19 teams participated in the competition (7 under Learning & Development category, 9 under Employee Engagement & Recognition category and 3 under Beyond HR/Innovative HR category).

Following teams were announced winners:

Learning & Development		
Position	Company Name	Team Name
1st	Tata AutoComp Systems Ltd., Pune	Spark
2nd	Yazadi India Pvt Ltd, Pune	Smart Sensei

Employee Engagement & Recognition		
Position	Company Name	Team Name
1st	Remsons Industries Ltd, Mumbai	Minerva
2nd	Eaton Industrial Systems Pvt Ltd, VG India	Dream Makers

Beyond HR / Innovative HR		
Position	Company Name	Team Name
1st	Gabriel India Ltd, Pune	Rhythms



ACMA

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AUTONEWS

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