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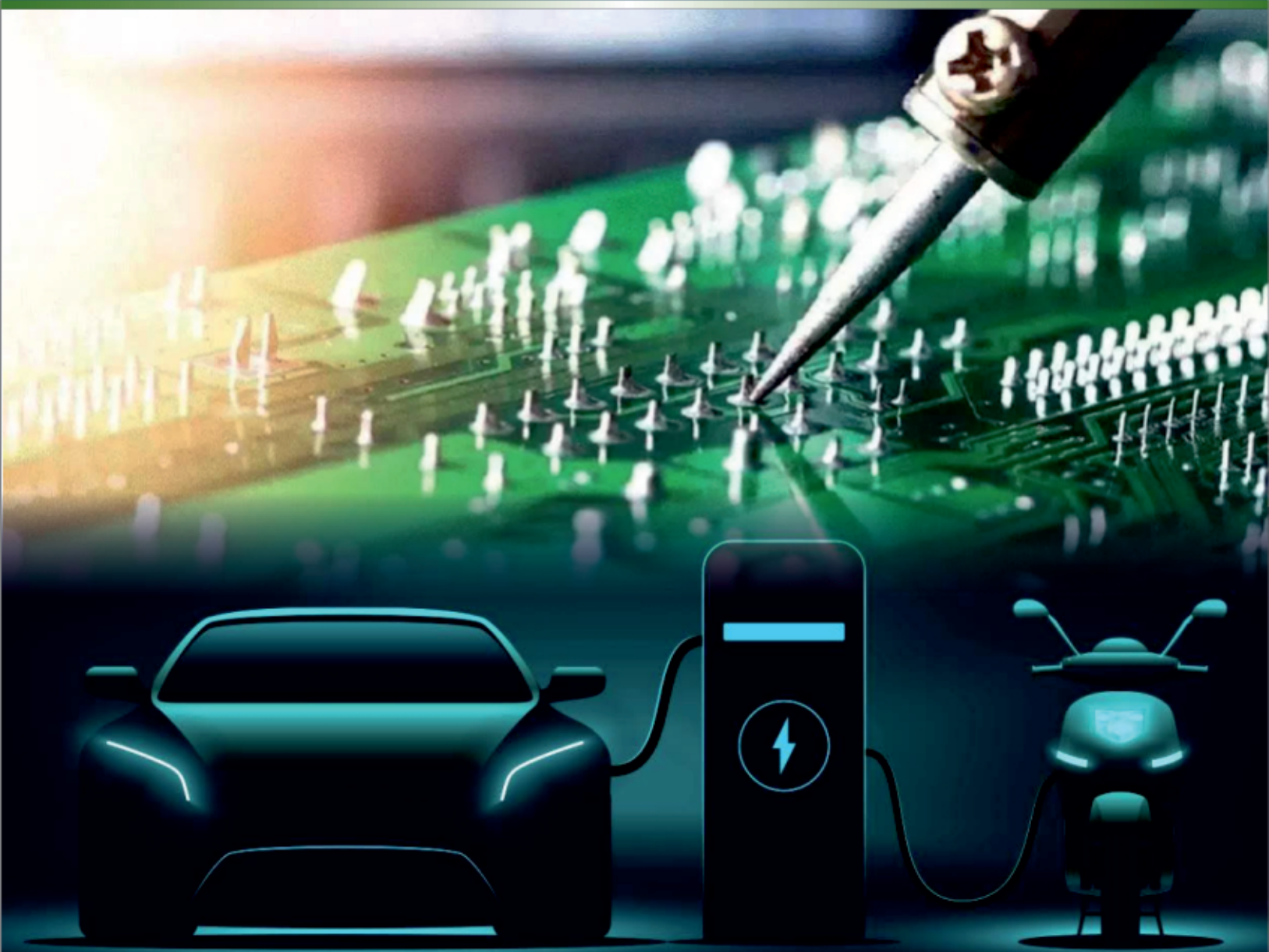
Automotive Components Manufacturers Association of India

June - July, 2023

# AUTONEWS

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**INSIDE:**

## Vietnam is a promising market for Indian ICE and EV components /03

Vinnie Mehta, ACMA

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## Editor's Note

This issue of Auto News, provides a detailed explanation of the extensive potential inherent in the bilateral trade relationship between India and Vietnam. The collaboration between the countries is poised to significantly influence the future trajectory of the automotive industry, positioning both countries as emerging manufacturing powerhouses. The issue further offers insights into ACMA's active participation in various international expos, underscoring its commitment to advancing the interests of the Indian automotive sector on a global scale.

A noteworthy event featured in this edition involves a strategic meeting & presentation hosted by the State of Bavaria, Germany. The gathering targeted the Indian component manufacturing community, extending an invitation for investments in Bavaria. The successful organization of an aftermarket expo in Indore is also highlighted, emphasizing the city's pivotal role as a transportation hub for Central India. This expo not only served as a crucial platform for the expansion of the aftermarket sector but also facilitated the promotion and awareness of authentic aftermarket products.

Turning attention to domestic affairs, the issue covers a multitude of events and training initiatives designed to keep the industry and its practitioners well-informed about the latest trends & innovations. These endeavors align with the overarching goal of positioning India as a prominent global manufacturing hub.

Hope you will enjoy reading the edition!

**Vinnie Mehta**  
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**ACMA** AUTONEWS

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# Vietnam is a promising market for Indian ICE and EV components

Vinnie Mehta, ACMA

Vietnam's vehicle market is slated to grow at a CAGR of 25% and demand for EVs, particularly two- and three-wheelers, continues to soar. Reason enough for Indian suppliers to tap into the opportunity, says ACMA's Director General.

The vehicle market in Vietnam, the gateway to Southeast Asia, is slated to grow at a CAGR of 25% and demand for EVs, particularly two- and three-wheelers, continues to soar. Reason enough for Indian suppliers to tap into the opportunity, says the Director General of the Automotive Component Manufacturers Association of India, in an email interview.

## Where does Vietnam stand in terms of global importance and what gains do you expect from ACMA India's participation at last month's Automechanika Ho Chi Minh City expo?

Vietnam has gained global prominence due to its strategic location, robust economic growth, and favourable business environment. It has become a preferred destination for foreign direct investment (FDI), particularly in the manufacturing, electronics and services sectors.

As a key manufacturing hub and exporter, Vietnam has integrated into global value chains, attracting multinational companies seeking cost-effective production and access to the rapidly growing Southeast Asian market. Its exports, including

electronics, textiles, footwear, and agricultural products, have gained recognition worldwide.

Having said that, with growing consumer spending in Vietnam, the vehicle market is expanding at rapid pace – it is expected to grow at a CAGR of 25% in the next few years. Considering the auto components base in Vietnam is not very robust, it offers a great opportunity for Indian auto components industry to explore business opportunities for both supplying to the OEMs and the aftermarket.

## What was the USP of Indian suppliers at Automechanika Ho Chi Minh City?

The India pavilion by ACMA at the Automechanika Ho Chi Minh City held on June 23-25, 2023 served as a platform for Indian exhibitors to explore new business opportunities in Vietnam while showcasing their latest product portfolios for both ICE vehicles and EVs.

The show being an aftermarket one, the India pavilion featured 14 exhibitors, each bringing their unique offerings to strengthen the aftermarket value chain in the country. Among these exhibitors were Paracoat Products, Paras Lubricants, Garima Global, Auto Ignition,

JCBL India, DGC Industries, Bony Polymers, Ghaziabad Precision Products (GPP), GoMechanic, Swarup Polymers, Dell'Orto India, Waxpol Industries, Punjab Bevel Gears, and GreenFuel Energy Solutions.

## Given that Vietnam is the gateway to the fast-growing Southeast Asia and ASEAN markets, which are looking to speedily shift to EVs, what is the potential for made-in-India e-two-wheeler and three-wheeler components?

Vietnam presents a promising market for Indian manufacturers as the demand for EVs, particularly the two- and three-wheeler category, continues to soar in the region. The country's favourable geographical location and its increasing emphasis on sustainable transportation creates an ideal environment for expanding the market for electric mobility.

India is well positioned to cater to Vietnam's rising demand for reliable, cost-effective, and sustainable electric mobility solutions as India has made significant strides in developing and manufacturing components for e-two-wheelers and three-wheelers in the recent years.

### What were the findings of the ACMA delegation to Vietnam in August 2022?

The ACMA delegation visited Vietnam in August 2022 to strengthen economic ties and explore auto sector investment opportunities. Collaborating with the Indian Embassy in Hanoi and Vietnam's Invest Global Investment Advisory and Information Centre, the 'India Vietnam Business Meet on Auto Sector' B2B event was organised to foster cooperation between Vietnamese auto industry representatives and ACMA.

ACMA led a delegation of 28 leading Indian auto parts manufacturers to meet with Vietnamese enterprises and explore investment and market opportunities. They also visited manufacturing plants, solar panel factories, and R&D companies, gaining insights into Vietnam's auto industry. The visit culminated in an MoU between ACMA and the Association of Foreign Investors in

Vietnam. Notably, Indian companies like Uno Minda, Spark Minda and Star Engineering have already invested in Vietnam.

### Which are the key components Vietnam imports from India?

Whilst the trade between India and Vietnam in the automotive component segment is small, it is growing at the rapid pace – exports from India to Vietnam have grown from US\$ 250 million (Rs 2,061 crore) in FY2020 to US\$ 406 million (Rs 3,348 crore) in Fy2023.

India today exports engine components, electrical components, and transmission components to Vietnam. Additionally, Vietnam imports accessories from India to enhance vehicle functionality and aesthetics, catering to the diverse preferences of Vietnamese consumers. Considering the auto industry in Vietnam is growing at a very fast pace, India needs to stay engaged with Vietnam to capitalise on the increasing demand for auto components there.



# 1 BUSINESS DEVELOPMENT



Consul (HOC & Com) from the Consulate General of India, doing the honors. Mr. Tanwar took the time to engage with each Indian exhibitor, gaining insights into their product offerings and potential contributions to the Turkish automotive industry.

Automechanika Istanbul featured a total of 1,437 exhibitors, including 779 international participants. The event witnessed participation from 41 countries, with 10 country pavilions. Among the 58,000 visitors, 40,037 were Turkish, and 17,987 were international buyers, with significant representation from

Germany, Spain, China, Hong Kong, Taiwan, the Czech Republic, Thailand, Korea, Pakistan, and India.



## NORTHERN REGION

### ACMA'S PARTICIPATION IN AUTOMECHANIKA ISTANBUL STRENGTHENS INDIAN AUTOMOTIVE PRESENCE IN TURKEY

Automotive Component Manufacturers Association (ACMA), showcased India's automotive prowess at the 16th edition of Automechanika Istanbul, held from June 8th to 11th, 2023. The participation was made possible with the support of the Ministry of Commerce & Industry, Government of India.



The India Pavilion, designed to establish ACMA's distinctive presence was to explore lucrative business opportunities in the Turkish automotive aftermarket sector. Accompanied by 28 Indian companies, the pavilion exhibited a wide range of products tailored for the Turkish aftermarket and re-exporters.

The inauguration of the ACMA Joint Stand was a notable event, with Shri. Raj Kumar Tanwar,

Exhibitors at the India Pavilion experienced remarkable success, receiving 395 business inquiries, orders valued at INR 2,704 lakhs, and the signing of three Memorandums of Understanding (MoUs). The exhibitors credited their participation with ACMA for enhancing their presence and visibility in the Turkish market and expressed a keen interest in participating in the next edition of the event.

Both exhibitors and visitors at Automechanika Istanbul commended ACMA for its efforts in projecting the brand India, enhancing market visibility, and providing exceptional services to the automotive industry.

## SOUTHERN REGION

### ACMA & INVEST IN BAVARIA COLLABORATE TO EXPLORE BUSINESS OPPORTUNITIES IN GERMANY

The Automotive Component Manufacturers Association of India (ACMA), in partnership with the State of Bavaria India Office - Invest in Bavaria, organized an event focused on Unlocking Business Opportunities in Bavaria, Germany.

The event was aimed to inform ACMA members about the comprehensive services available to support Indian companies in establishing their business operations in Bavaria, Germany.

Hon'ble Ms. Michaela Küchler, Consul General of the Federal Republic of Germany for Tamil Nadu, Telangana, Andhra Pradesh, and Pondicherry, presided over the event, joined by notable industry figures, including Mr. Sriram Viji, Managing Director of Brakes India Pvt. Ltd., and Mr. John Kottayil, Executive Director of State of Bavaria India Office – Invest in Bavaria.

In his welcoming address, Mr. Sriram Viji highlighted the longstanding trade history and economic cooperation between India and Germany. He also emphasized the significant growth potential of the Indian auto components industry, suggesting it could reach €182 billion in revenue by 2026, fostering substantial business opportunities with Germany.

Ms. Michaela Küchler provided insights into the incentives and business opportunities available in Bavaria. She mentioned that over 350 Bavarian companies have ventures in India, including renowned names such as Siemens, BMW, Audi, and many others. Moreover, approximately 1,500 business relationships have been established between Bavarian companies and India.

Bavaria hosts over 100 Indian companies, spanning various sectors, including IT, automotive, electrical, and pharmaceuticals. Leading Indian firms like Infosys, Wipro, Mahindra & Mahindra, Hero Motocorp Ltd., and others have their offices in Bavaria.

The event drew participation from over 50 delegates representing member companies. The attendees found the session valuable and appreciated the insights shared by the speakers.

## WESTERN REGION

### AUTOMOTIVE AFTERMARKET SHOW IN INDORE ATTRACTS STRONG INDUSTRY PARTICIPATION

ACMA, Western Region, in collaboration with the After Market committee, hosted a two-day Automotive Aftermarket Show on July 8th and 9th, 2023, in Indore. The event aimed to bolster existing business and explore new opportunities in the aftermarket segment, uniting industry players from across India.

The show witnessed 38 companies from all over India participating, with over a thousand visitors, including Dealers, Fleet Owners,

Distributors, Retailers, Mechanics, RTOs, Police, local body members, and media representatives in attendance. Additionally, students from the DDUGK Yojna-supported motor mechanics course, sponsored by Delux Bearings, also joined the event.

Dr. Ilayaraja T., Collector Indore, and Mr. Manish Agarwal, DCP (Traffic), graced the occasion as the Chief Guest and Guest of Honor, respectively. Dr. Ilayaraja commended ACMA's efforts in promoting road safety in Indore.

Mr. Ramashankar Pandey, Chairman of the Aftermarket Sub-Pillar at ACMA and CEO of Tata Green Batteries, welcomed the participants. He highlighted Indore's role as an emerging auto components hub in Central India and stressed the importance of genuine parts for enhanced performance, safety, and reliability.

The event received overwhelmingly positive feedback.



# 21 GOVERNMENT AFFAIRS & STRATEGIC INITIATIVES

## WESTERN REGION

### SESSION ON MATHADI - CHALLENGES BEING FACED BY THE INDUSTRY

ACMA, Western Region organized a session on How to resolve Mathadi extortion/challenges being faced by Industry on June 20th, 2023 in Pune.



The session was conducted by Adv. Aditya Joshi, Employment Lawyer, Corporate Labour Lawyer, Pune Labour and Industrial Courts.

Presenting the background of Mathadi, Adv. Aditya Joshi mentioned that Manual Workers (Regulation of Employment and Welfare) Act, 1969 was enacted to regulate the employment of unprotected manual workers in certain employment and for ensuring an adequate supply to and full and proper utilisation of such workers in such employments to prevent avoidable unemployment.

Adv. Aditya Joshi highlighted the following key points and explained in details:



- Introduction of the Mathadi Act
- Intent and Purpose of the Act
- Applicability of the ACT
- Exemptions – Sec .22

The Summit was well attended by over 45 HR/IR professionals and the feedback remained excellent.





## EASTERN REGION

### CUSTOMIZED PFMEA TRAINING BY ACMA EMPOWERS SUDISA FOUNDRY EMPLOYEES

Automotive Component Manufacturers Association of India (ACMA) organized an exclusive in-house training program on Process Failure Mode Effects Analysis (PFMEA) on June 20th, 2023, at the Sudisa Foundry Pvt Ltd. facility. The training, aimed at enhancing employees' understanding of PFMEA, was facilitated by Mr. Girish Govande, Expert - Supply Chain Engagement Head at ACMA.



Mr. Govande, began the training by understanding the participants' expectations and highlighted the primary objective of PFMEA. He emphasized that PFMEA is crucial for improving the design of the



manufacturing process, with the ultimate goal of preventing failures. During the session, Mr. Govande delved into different types of FMEAs, such as process & machinery, design, system FMEAs, and process flow FMEA. He shared PFMEA templates, quality planning models, and elaborated on the input-output processes and design FMEA.

To evaluate the trainees' comprehension, an assessment of PFMEA steps and concepts was conducted. The session was attended by 17 employees of Sudisa Foundry Pvt Ltd. in Jamshedpur.

### ADVANCED EXCEL WORKSHOP

ACMA, Eastern Region took a significant step in enhancing the skills of its workforce by organizing a one-day workshop on Advanced Excel Tools & Techniques on June 21st, 2023, at the Kennalite Hotel in Sakchi, Jamshedpur. The workshop aimed to equip employees



- Overcoming Excel Challenges

The workshop provided a dynamic combination of classroom instruction and practical exercises tailored to the participating organizations' needs.

A total of 30 delegates from eight companies participated in the training, and their feedback was highly encouraging. The program concluded with a vote of thanks and a group photograph to commemorate the events.

## ACMA (ER) DRIVES QUALITY ENHANCEMENTS WITH QCC AWARENESS SESSION

ACMA, Eastern Region, organised online awareness session on Quality Circle (QCC) on July 6th, 2023. The objective of the workshop was to impart systematic Root Cause Analysis skills and foster effective problem resolution through QCC tools, applicable across various departments and industries.

The session was led by Mr. Aniket Khasnis, Assistant Principal Counselor at ACMA, with over 20 years of experience in Lean manufacturing.

The training session, focused on the following aspects of Quality Circle:

- What is Quality Circle
- Benefits of Quality Circle
- Elements of Quality Circle
- Main principle of Quality Circle
- Preparation of QC Competition
- Feature of Quality Circle
- Quality Control System
- Main Principles of Quality Circle

Additionally, Mr. Khasnis addressed common mistakes in problem solving, such as the inability to prioritize problems, understand and implement the Plan-Do-Check-Act (PDCA) cycle, or work on less important or incorrect issues.

The session emphasized that a strong desire to solve a specific problem is essential for successfully implementing Quality Circle activities in any organization. The practical application of problem-solving tools was highlighted as a key to quality improvement.

The program saw participation from over 130 delegates representing companies in the Eastern region, and their feedback was overwhelmingly positive, underscoring the value of the QCC awareness session in enhancing quality and problem-solving skills.

## TRAINING PROGRAM ON APQP & FMEA

ACMA, Eastern Region, conducted a one-day training program focused on Advance Product Quality Planning (APQP) and Failure Modes and Effects Analysis (FMEA) on July 12th, 2023. The program aimed to equip participants with essential knowledge and skills in these critical areas.

The training was led by Mr. Girish Govande, Head of Supply Chain

with advanced excel formulas and tools to improve productivity.

Mr. Nitesh Maheshwari, a Chartered Accountant with a strong background in delivering quality results within tight deadlines, served as the workshop's faculty.

Mr. Maheshwari initiated the session with an introduction to the participants and a warm-up exercise focused on Excel formulas. He thoroughly evaluated the workshop's objectives and the specific learning needs of the participants.

### Following topics were covered in the workshop:

- Excel Architecture
- Formatting Tools
- Formulas
- Data Visualization



showcased the participants' enthusiasm and their grasp of the topics discussed.

The training program was attended by 30 delegates from ER and their feedback was overwhelmingly positive, highlighting the value of the knowledge and skills gained during the program.

## EASTERN REGION SUCCESSFUL HOSTS 3RD REGIONAL QUALITY CIRCLE COMPETITION

ACMA, Eastern Region, organised the 3rd Regional Quality Circle Competition, in Jamshedpur. The competition featured 23 quality circle presentations in the areas of Productivity, Quality, and Cost. A distinguished panel of judges from leading OEMs, including Tata Motors and Tata Cummins Ltd, assessed the presentations.



Engagement at ACMA, who brought his expertise to the fore.

Mr. Govande illustrated the importance of APQP with a compelling example, highlighting that advance quality planning takes precedence over the production of a product.

The training covered all 29 elements of APQP and FMEA, with a detailed discussion of the major components, including verification and validation, utilization of checklists and manuals, APQP audit checklists, design FMEA, design verification plans and reports, process steps, failure modes, and failure causes.

Mr. Govande further stressed that the success of APQP depends on data collected during the process, not after it is completed. He also emphasized the importance of maintaining a supplier handbook in a soft copy and highlighted the significance of issue logs for smooth company operations.

The session concluded with a rapid question-and-answer round that

Mr. Anil Kumar Unni, Regional Secretary of ACMA Eastern Region, inaugurated the event by emphasizing ACMA's commitment to fostering a culture of quality in the automotive industry. He underscored the importance of the competition as a means to enhance knowledge and raise the quality standards.

The valedictory session of the event had Mr. Ramphal Nehera, Plant Head of Tata Cummins Ltd, Jamshedpur, as the Chief Guests.

Mr. Ranjot Singh, Chairman of ACMA Eastern Region, expressed his



hope that participants would gain valuable insights and ideas from the competition. He encouraged them to translate their learnings into actionable improvements within their respective companies.

In his address, Mr. Ramphal Nehera praised ACMA for organizing the Quality Circle competition. He emphasized the importance of quality and the value of sharing ideas through platforms like this.

The jury commended the unique approaches and innovative ideas presented by the participating companies. They also provided feedback for improvement, advising participants not to skip any steps to avoid potential oversight.

**The winners in different categories were announced as follow:**

3rd REGIONAL QUALITY CIRCLE COMPETITION, ACMA (ER) - Jamshedpur	
WINNERS IN PRODUCTIVITY CATEGORY	
Team Name	Company
Ambitions	Ramkrishna Forging Ltd.
WINNERS IN COST CATEGORY	
Team Name	Company
Jamna	Jamna Auto Industries Ltd.

WINNERS IN QUALITY CATEGORY	
Team Name	Company
Aces	ZF CVCS India Ltd.

The following companies qualified to compete and represent the Eastern Region at the National competition:

Position	Name of the Organization	Team Name
1st	RSB Transmissions (I) Pvt. Ltd.	Winners Club
2nd	Brakes India Pvt. Ltd.	BI Squads
3rd	Automotive Axles Ltd.	Utkarsh

Team Winners Club of RSB Transmissions was recognized as the overall winner and had the honor of sharing their project in the valedictory session with the Chief Guest.

The event concluded with positive feedback, and the winners of the National Kaizen competition were also announced.

## NORTHERN REGION

### IN-HOUSE TRAINING PROGRAM ON DAILY WORK MANAGEMENT

ACMA, Northern Region, organized an In-house Training Program on Daily Work Management at two different locations: Dawnsun Kyosei Engineering Pvt Ltd. and Meenakshi Polymers Pvt. Ltd. on June 1st, 2023, in Noida and in Gurgaon, on July 7th, 2023 respectively.

The training aimed to strengthen the foundation of Lean principles by focusing on effective Daily Work Management (DWM) practices.

The sessions were led by Mr. Ranjan Vasishtha, a seasoned industry professional with over 33 years of experience in various domains.

The training covered a wide range of DWM-related topics, including Hoshin Kanri, Vision, Mission, Strategy, Managing Points & Checking Points (MPCP), Value Addition, Kaizen Principles, PDCA implementation, Role Clarity, Key Functions of Management, KRAs, and KPI's.

Mr. Vasishtha encouraged participants to structure their daily routines around categories such as Administration/Meetings, Planning, Team Training, Auditing, Material Management, and Improvement activities, allocating dedicated time to each.

The training engaged 30 delegates, leaving them enriched with valuable insights and practical strategies to enhance their daily work management practices.



## ACMA NORTHERN REGION CELEBRATES 20th QUALITY CIRCLE COMPETITION

ACMA, Northern Region, hosted its prestigious 20th Quality Circle Competition, showcasing a commitment to continuous improvement and quality enhancement. This event saw the participation of 74 dedicated teams.



The distinguished jury panel included industry experts from top automotive companies:

- Mr. Rishabh Jain, DGM – QA- Vendor Upgradation, Maruti Suzuki India Ltd.
- Ms. Kangkana Sarmah, Deputy Manager, International Purchasing Office, BMW India Pvt. Ltd.
- Mr. Dinesh Kumar, Head - Manufacturing Quality Assurance, Hero MotoCorp Ltd.
- Mr. Anil Bhardwaj, DGM - QA Part Quality, Maruti Suzuki India Ltd.
- Mr. Vinay Saini, Head - Supplier Quality Assurance, Hero MotoCorp Ltd.
- Mr. Sooraj Pal Singh, Assistant Manager – QA, Suzuki Motorcycle India Pvt. Ltd.

Mr. Vikrampati Singhania, Chairman of ACMA Northern Region, welcomed the participating teams and delegates, highlighting the significance of Quality Circle Competition as a Japanese practice for continuous improvement. He praised the teams for their dedication to quality circles in their facilities.

The day-long competition featured 74 teams competing in five parallel halls.

During the Valedictory Ceremony, Ms. Ecktta, Regional Head - North & Sr. Director, ACMA, welcomed Chief Guest Mr. Vikas Matta, Plant Head (AVP), Hero MotoCorp Ltd., Gurugram Plant, and other members of the jury.

Mr. Matta, a prominent figure in the Indian Automobile Industry, acknowledged ACMA's efforts in organizing such competitions. He commended each participating team for their dedication and emphasized the importance of product quality on shop floors.

The winners of the 20th Quality Circle Competition, who advanced to the National level QC Competition, are:

Position	Name of the Organization
1st	Krishna Maruti Ltd. - Seating Division
2nd	Lumax Auto Technologies Ltd.
3rd	Motherson Sumi Wiring India Ltd.

Other Category-wise Winners at the QC Competition included:

Cost Reduction:

Position	Name of the Organization
1st	Pricol Ltd.
2nd	Victoria Auto Pvt. Ltd.
3rd	Motherson Sumi Wiring India Ltd.

Customer Complaint:

Position	Name of the Organization
1st	Imperial Auto Industries Ltd. - Plant 48
2nd	Saint-Gobain Sekurit India Pvt. Ltd.
3rd	Shriram Pistons & Rings Ltd. - Ghaziabad Plant

Productivity Improvement:

Position	Name of the Organization
1st	Gabriel India Ltd. - Parwanoo
2nd	Metalman Micro Turners
3rd	Sona BLW Precision Forgings Ltd. - Gurugram

Safety:

Position	Name of the Organization
1st	Roop Automotives Ltd.
2nd	Mahle Anand Filter Systems Pvt. Ltd. - Gurgaon
3rd	Roop Auto Forge Pvt. Ltd.

Facility Improvement:

Position	Name of the Organization
1st	QH Talbros Pvt. Ltd.
2nd	Minda Corporation Ltd. - SSD, Noida
3rd	Imperial Auto Industries Ltd. - Lucknow

## 22nd SIX SIGMA BLACK BELT CERTIFICATION PROGRAM HELD SUCCESSFULLY

ACMA, Northern Region, organised the 22nd Six Sigma Black Belt Certification Program (Level 1) from July 2023 to January 2024. The program, which has garnered significant interest among ACMA members, has already completed 21 batches, creating 350 Black belt personnel out of 607 personnel within the ACMA membership.



Northern Region's Black Belts have achieved impressive results, saving 224 million rupees in their companies through 1005 shop-floor Problem Solving, Cost Reduction, and Productivity Improvement projects.

The program's first Module I took place from July 18 to 20, 2023, with the certification ceremony scheduled for January 2024. Mr. Ram Narayan, a Mechanical Engineer and a Six Sigma Master Black Belt Certified professional, served as the faculty.

Fourteen individuals from nine Northern Region member companies are participating in this prestigious program, which entails 2-3 days of physical classroom training each month until January 2024. During this period, participants will work on two shop-floor improvement projects under the guidance of the faculty.

## ACMA HOSTS 7th ZONAL QUALITY CIRCLE COMPETITION IN UTTARAKHAND ZONE

ACMA, Northern Region, successfully organized the 7th Zonal Quality Circle Competition for the Uttarakhand Zone. This event brought together 26 teams from the Uttarakhand Zone, with over 130 delegates in attendance.



The competition took place concurrently in two halls, featuring a distinguished panel of jury members responsible for fair assessment and selecting the Best Quality Circle Team. The esteemed jury members included:



- Mr. Amandeep Kakkar, Manager (TPM) - Bajaj Auto Ltd.
- Mr. Avinash Kumar Singh, Divisional Manager (HOD - QA) - Bajaj Auto Ltd.
- Mr. Surender Kumar, Manager, RQA - Mahindra & Mahindra Ltd.
- Mr. SP Yadav, Deputy General Manager - Tata Motors Ltd.

Mr. Mohit Sehgal, Deputy Zonal Coordinator of the Uttarakhand Zone of ACMA Northern Regional Committee and EVP of Lumax Industries Ltd., extended a warm welcome to all the jury members and participating Quality Circle teams. He emphasized the origins and significance of the Quality Circle movement, highlighting its effectiveness as a problem-solving and team-building tool within companies. After introducing the jury members and presenting the competition guidelines to the participating teams, each Quality Circle team successfully completed their presentations. The event concluded with a Valedictory Ceremony, where Mr. Pandurang D Chavan, Plant Head - Farm Division, Rudrapur - Mahindra & Mahindra Ltd., served as the Chief Guests.

During the ceremony, Chief Guest Mr. Pandurang D Chavan praised the participating companies for their outstanding presentations and encouraged them to focus on enhancing process robustness to simplify manufacturing operations for shop floor operators. He urged teams to participate in QC, TPM, and Kaizen competitions to improve quality, efficiency, and plant productivity. Mr. Chavan emphasized the importance of identifying root causes through keen observation and working towards comprehensive solutions. The winners of the 7th Zonal Quality Circle Competition in the Uttarakhand Zone, who secured their place in the 20th Regional Quality Circle Competition, are as follow:

Position	Name of the Organization	Team Name
1st	Rockman Industries Ltd.	Team Vijeta
2nd	Metalman Microturner	Team Super Star
3rd	Victoria Auto (P)	Forging Dept.

Additionally, special recognition was given in the following categories:

- **Best Presentation in Cost Reduction:** Team Suraj - Asahi India Glass Ltd.
- **Best Presentation in Customer Complaint Reduction:** Team AKASH - Lumax Auto Technologies Ltd.
- **Best Presentation in Productivity Improvement:** Team Innovative - Napino Auto & Electronics Ltd.
- **Best Presentation in Safety:** Team Safety Star – Roop Polymers Ltd.

## SOUTHERN REGION

### ACMA (SR) 4th ZONAL KAIZEN CONTEST HIGHLIGHTS

ACMA, Southern Region, organised the 4th Zonal Kaizen Contest on June 9, 2023. The event brought together 26 teams from Karnataka and Hosur areas to showcase their commitment to Kaizen, despite the challenges posed by the ongoing pandemic.

Participants competed in five categories: Quality, Productivity, Safety, Cost, and Delivery, with a dedicated jury ensuring a level playing field. The top three winners in each category were recognized and awarded for their outstanding efforts.

The esteemed jury panel, consisted of Mr. M Suriyanarayanan from TVS Motor Company Ltd. and Mr. Shetty from Toyota Kirloskar Motor Pvt Ltd, who offered valuable insights and shared their experiences with the competing teams.

During the valedictory session, the Juries commended all the teams for their well-coordinated efforts and impressive presentations. They noted the following positive aspects.

1. Efficient organization and time management by ACMA
2. High-quality presentations that facilitated valuable learnings.

#### The jury also recommended improvements:

1. Implementation of a standardized cost-saving template for "before and after"
2. Making Kaizen sheets a mandatory part of the presentations.

Over 75 participants, including teams and delegates, participated in this event, showing their appreciation for ACMA's efforts and suggesting the continuation of similar events in the future.

### LEAN MANUFACTURING QUIZ HELD SUCCESSFULLY

ACMA, Southern Region, organized a Quiz Competition focusing on Lean Manufacturing Concepts, featuring 15 teams from 10 companies on June 14, 2023.

The competition, designed to enhance participants' knowledge, was led by experienced Quiz Master Mr. V. Thiagarajan, with over 35 years of expertise in companies like HAL, Sundaram Clayton, and Wabco, specializing in TQM, Lean, and Six Sigma methodologies.

The event comprised two stages: Preliminary and Final. During the Prelims, teams tackled a written test with 30 questions in 30 minutes, leading to the selection of 6 teams for the Final Stage. The final quiz featured engaging rounds, including QC Tools Knowledge, Fill in the blanks, Quality Gurus, Guess what is hidden, Simple Calculations, and Various Problem Solving Methodologies.

Each team actively participated, displaying impressive knowledge

and enthusiasm, making the competition a resounding success.

### ACMA AND TOYOTA COLLABORATE ON 4-DAY MANAGER DEVELOPMENT PROGRAM

ACMA, Southern Region, in partnership with Toyota, conducted a 4-day Manager Development Program with more than 16 participants in June 2023. The objective of the program was to enhance managers' awareness and skills related to shop floor practices, improving their performance.

The program was led by Mr. Ambarish, a seasoned professional with over 20 years of experience in production, production engineering, supplier and dealer up-gradation, and assembly.

#### The training covered a range of essential topics, including:

1. Change Management
2. Supervisor Roles and Duties
3. 5S
4. Kaizen
5. Safety Control
6. Daily Work Management
7. Lean Manufacturing
8. 7-Wastes
9. Production control
10. Quality control
11. Problem Solving Techniques
12. 7 QC Tools
13. PDCA and Target Control.

Mr. Ambarish incorporated case studies, technical videos, and practical exercises to provide a comprehensive learning experience. The program included pre and post-quiz sessions to assess participants' understanding, with active engagement from all attendees.

This training received positive feedback, underscoring its effectiveness and value to the participants.

## WESTERN REGION

### 8th ZONAL QUALITY CIRCLE COMPETITION IN GUJARAT SHOWCASES AUTOMOTIVE EXCELLENCE

ACMA, Western Region, hosted the 8th edition of the Gujarat Zonal Quality Circle Competition in Ahmedabad on June 2, 2023. The event featured 32 case study presentations from leading automotive component manufacturers in Gujarat, including Delux Bearings Ltd, Gabriel India Ltd, GKN Driveline India Ltd., and many more.

An esteemed panel of jury members, including industry experts from Tata Motors, Hero MotoCorp, MG Motor India, and Suzuki Motors, evaluated the presentations.

The valedictory session featured Mr. Vishwas Deshpande, Director-Purchase at MG Motor India, as the Chief Guest.





Participation came from various regions in Gujarat, including Ahmedabad, Sanand, Detroj, Mandal, Panchmahal, Wadhwan, Mehsana, and Vithalapur.



The following were declared winners.

**Overall Best -**

Position	Name of the Organization	Team Name
1st	GKN Driveline India Ltd.	Mission Possible
2nd	Toyota Gosei Minda India Pvt. Ltd.	Dominators
3rd	Tenneco Automotive India Pvt. Ltd.	Saregamapa

**Runner Up -**

Position	Name of the Organization	Team Name
1st	Milacron India Pvt. Ltd.	Sankalp
2nd	Tata Ficosa Automotive Systems Pvt. Ltd.	Elite Warriors
3rd	Rane NSK Steering Systems Pvt. Ltd.	7 Star

**2nd Runner Up -**

Position	Name of the Organization	Team Name
1st	Autofit Pvt. Ltd.	Sankalp
2nd	Subros Ltd.	Diamond

## INTERACTIVE SESSION ON TPM FRAMEWORK & IT'S 8 PILLARS

ACMA, Western Region, organized interactive session on TPM Framework & it's 8 Pillars on June 16, 2023. The objective of this session is to facilitate in understanding of TPM philosophy and importance of TPM deployment in Indian industry to step up Operations Performance.

This interactive session was conducted by **Mr. Mayur Shinde**, a Lean Six Sigma –Black Belt & IATF 16949:2015 Internal Auditor



Following key topics were covered during the session:

- Overview of TPM
- Introduction to 8 Pillars of TPM
- Overall Equipment Efficiency (OEE)
- 8 losses in production
- TPM Pillars
  1. Autonomous Maintenance (AM)
  2. Planned Maintenance (PM)
  3. Kobetsu Kaizen (KK)
  4. Quality Maintenance (QM)

5. Development Management (DM)
6. Education and Training (E&T)
7. Safety Health and Environment (SHE)
8. Office TPM (OTPM)

- KPI's for TPM
- Challenges in sustaining momentum of TPM deployment
- Industry examples of TPM deployment
- TPM Excellence Award

This training program was appreciated by all the participants, there were 29 participants and the feedback were encouraging.

## 18th REGIONAL QUALITY CIRCLE COMPETITION SHOWCASES CONTINUOUS IMPROVEMENT

ACMA, Western Region, hosted the 18th Annual Regional Quality Circle Competition on July 27, 2023. The event aimed to recognize and celebrate employees' dedication to continuous improvement within their companies.



ACMA member companies in the Western Region were invited to present case studies focusing on cost reduction, facility improvement, productivity enhancement, safety, and best presentations, especially those participating for the first time.

Key highlights of the case studies included increased productivity, cost savings, and quality improvements.

Prominent OE customers served as the jury, including representatives from Mahindra & Mahindra, FIAT India Automobiles, PACCAR India,



The jury was impressed by the quality circle initiatives of ACMA member companies, applauding their teamwork and dedication to continuous improvement.

Mr. Pramod Khot, Head of Manufacturing at Fiat India Automobiles Pvt. Ltd., Pune, graced the event as the Chief Guest. He addressed the 81 QC teams in attendance, emphasizing the importance of self-encouragement and fostering innovative ideas.

In total, the competition featured 81 presentations highlighting improvement efforts by ACMA member companies across the Western Region:

Following teams were announced winners:

**Overall Best**

Position	Name of the Organization	Team Name
1st	Pricol Ltd., Pune	Innovation
2nd	KSPG Automotive India Pvt. Ltd., Pune	All Stars
3rd	Aptiv Components India Pvt. Ltd., Pune	Ameya

**Runner Up**

Position	Name of the Organization	Team Name
1st	Tata Autocomp Gotion Green Energy Solutions Pvt. Ltd., Sanand	Vision
2nd	BAPL Rototech Pvt. Ltd., Pithampur	BR Rise
3rd	Gabriel India Ltd., Dewas	Ek Lakshya

**2nd Runner Up**

Position	Name of the Organization	Team Name
1st	Yazaki India Pvt. Ltd., Pune	Yazaki Diamond
2nd	Maxion Wheels Aluminum India Pvt. Ltd., Pune	Vijeta
3rd	Track Components Ltd., Pune	Royal Track Pune - 2

**Cost Reduction**

Position	Name of the Organization	Team Name
1st	Lear Automotive India Pvt. Ltd., Pune	JIT Fighter
2nd	Bosch Chassis Systems India Pvt. Ltd., Pune	Mind Benders
3rd	Automotive Stampings & Assemblies Ltd. (ASLA), Pune	Pragati

**Facility Improvement**

Position	Name of the Organization	Team Name
1st	AAM Auto Components (India) Pvt. Ltd., Pune	CKMF Innovators
2nd	Flash Electronics (I) Pvt. Ltd., Pune	Sunrisers Magneto
3rd	Belrise Industries Ltd., Pune	Eliminator

**Safety**

Position	Name of the Organization	Team Name
1st	Advik Hi-Tech Pvt. Ltd., Pune	The Squad
2nd	Toyoda Gosei Minda India Pvt. Ltd., Ahmedabad	Dominators
3rd	Subros Limited, Pune	Warrior

**Best Presentation - First Time Participation**

Position	Name of the Organization	Team Name
1st	IAC International Automotive India Pvt. Ltd., Nashik	Strong
2nd	Fourfront Pvt. Ltd., Pune	Arjun
3rd	Maxion Wheels Aluminum India Pvt. Ltd., Pune	Vijeta

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## Start-Ups and Strategic Partnership



### NORTHERN & SOUTHERN REGION

#### ACMA HOSTS SUCCESSFUL NATIONAL CONVENTION ON MERGERS & ACQUISITIONS IN NEW DELHI & CHENNAI

ACMA organized its 1st Phygital National Conference titled Mergers & Acquisitions – Accelerating towards Mobility Diversity on July 18, 2023, in New Delhi & Chennai. The event, supported by ACMA's Pillar-4 and executed through the Northern and Southern Regions, brought together over 120 delegates from the Auto-component Industry, Financial Institutions, and knowledge consultants.

The conference delved into the complexities of partnerships and explored strategic aspects of Partnership Origination/Evaluation, ongoing evolution, and disruption in the Auto sector, highlighting the relevance of M&A, alliances, and partnerships. Panel discussions featuring industry experts provided valuable insights into these topics.

Mr. Prasan Firodia, Managing Director of Force Motors Ltd., served

as the Chief Guest, emphasizing the changing global dynamics, the significance of technologies and partnerships, and sharing how Force Motors leveraged their core competency for success.

Mr. Deepak Jain, Chairman & Managing Director of Lumax Industries Ltd., delivered the keynote address, discussing the essence of successful partnerships and how they accelerate a company's progress in new technologies and market access.

The event also witnessed the launch of the ACMA Playbook Directory on Strategic Partnership in various regions, providing recorded insights into members' experiences with joint ventures, technical alliances, acquisitions, and foreign collaborations. McKinsey & Co. presented a macro-perspective on why companies should consider these strategies and how to nurture such partnerships for maximum value addition. Break-out sessions in New Delhi & Chennai covered Deal Origination/Evaluation, the relevance of M&A and partnerships, and effective deal closure. Industry leaders moderated these sessions, sharing practical tips and unconventional ideas.

Participants praised the event as a valuable platform for knowledge and insights sharing, helping companies formulate strategies for inorganic growth. ACMA's initiative proved instrumental in fostering meaningful discussions, networking opportunities, and practical guidance in the realm of mergers and acquisitions.



# YBLF - MISSION TO GERMANY: A JOURNEY OF COLLABORATION AND INNOVATION

ACMA, Young Business Leaders Forum (YBLF) undertook a significant mission to Germany for providing practical exposure to its members from September 24th to 28th, 2023. Led by Mr. Sunjay J Kapur, Mentor of YBLF and Chairman of SONA Comstar, the delegation aimed to gain real-time experience and insights into Germany's Auto Component Industry

## Key Highlight:

**Day 1 – Oktoberfest in Munich (Sept 24):** Participants immersed themselves in the world-famous Oktoberfest, celebrating Germany's rich heritage and fostering camaraderie.

**Day 2 – Precision Engineering at BMW Motorrad Plant (Sept – 25):** Delegates explored BMW's Motorrad Plant in Berlin, witnessing precision engineering and gaining insights into Germany's role in the global automotive industry.

**Engagement with Indian Ambassador and Industry Leaders:** Following the BMW visit, the delegation engaged with the Indian Ambassador in Berlin, enhancing diplomatic and trade relations. Insights from industry experts further enriched their understanding of the German automotive sector.

**Day 3 – Innovation and Industry at the Drivery (Sept – 26):** A day dedicated to innovation and startups at The Drivery in Berlin showcased Germany's commitment to innovation and potential collaborations between Indian and German startups.

**Comprehensive industry overview by EY:** Participants received valuable insights into the German business landscape, covering key sectors and emerging trends.

**Day 4 – Insights into Liquidation and Insolvency (Sept 27):** Delegates gained crucial insights into Germany's legal framework and procedures related to business liquidation and insolvency from Dr. Stephan König, a prominent expert in the field.



**Visit to Draxlmaier Plant:** The afternoon featured a visit to the Dräxlmaier plant, emphasizing Germany's global leadership in advanced manufacturing.

**Day 5 – Business Networking Forum (Sept 28):** The mission concluded with a Business Networking Forum organized by Transelar, facilitating discussions on collaboration opportunities and strengthening economic ties between India and Germany.



Conclusively the mission, spanning from September 24 to October 28, was an extraordinary journey immersing participants in Germany's culture, technology, and business environment. From Oktoberfest festivities to interactions with industry leaders and

startups, the mission not only promoted collaboration but also set the stage for future partnerships between India and Germany. A powerful testament to the enduring friendship and common aspirations of these dynamic nations.





# ACMA

**Automotive Components Manufacturers  
Association of India**

AUTONEWS

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