



Automotive Component Manufacturers Association of India

# IMPACT

Vol. 12 | No. 2

April 2019

## ACMA CENTRE OF EXCELLENCE TRAINING PROGRAM

Certification Course Artificial  
Intelligence & Manufacturing  
Informatics

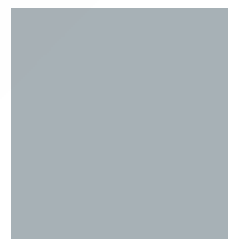
## ACMA CLUSTER PROGRAMS ACMA Advance Cluster 10

## ACMA 1<sup>ST</sup> T10 CRICKET CUP



## ACMA TECHNOLOGY SUMMIT & EXPO 2019

Indian Auto Component Industry:  
**TRANSFORMING  
TO STAY COMPETITIVE**



## ACMA AWARDS 2019

Unveiling of Compendium of  
**BEST PRACTICES**  
of Auto Component Manufacturers



**National &  
International  
Speakers**

Issue Sponsored by:



**LAUNCH OF  
EXCELLENCE IN MANUFACTURING...  
INESTIMABLE MANTRAS!!**  
Hindi Version Book  
by **C. Narasimhan**



**MOU  
SIGNING  
CEREMONY**  
with  
MACE-India,  
IIT-Delhi,  
UNIDO

ACMA Centre of Excellence

# TRAINING



## Training Program Topics

For more details contact:  
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 e: [raginee.singh@acma.in](mailto:raginee.singh@acma.in)  
 m: 9999197693

Role of Automation in Industry 4.0

Safety & Hazard Management

Zero Breakdowns approach through re-engineering of machines

Understanding stimulation design in CATIA and virtual testing including 3D printing

Visionary & transformational leadership

Reverse Engineering Project Based Designing

ACMA - ChuSanRen training program on Diagnosing & improving company through Japanese Way

ACMA - Cardiff Big Data Analytics by Cardiff University, UK

ACMA - Cardiff Business Profitability at Cardiff University, UK - 22nd to 26th July 2019

ACMA - AOTS Leadership Development Program at Japan - 30th Sept to 5th Oct 2019

Train the trainer - Creation of Operational Excellence Champion

Long Duration program A: Champion of ZED (3 days per month X6 months)

Long Duration program B: Champion of Mechatronics of 7 modules (3 days per month X6 months)

Long Duration program C: Champion of Design, Validation, testing (3 days per month X6 months)

## ACMA SHORT TERM PROGRAMS FOR FOCUSED & FASTER CHANGES

Name of the program	Duration	Counselor Visits	Fees (INR) + taxes as applicable	Benefits of Program
Developing Skills for Value Analysis Management	3 months	10 visits	2 lacs	<ul style="list-style-type: none"> <li>Increasing focus on the aspects of product/services that satisfy customer needs better.</li> <li>The program focuses on cost reduction by eliminating functions that do not address specific advantages to satisfy customer requirements/needs.</li> <li>Highlighting the competitive advantages of the product(s) that are appreciated in the market and make it unique.</li> </ul>
Developing Skills for Initial Production management	3 months	10 visits	2 lacs	<ul style="list-style-type: none"> <li>Minimising parts / component rejection during initial production phase.</li> <li>Facilitate smooth handover of production line for mass production to production department.</li> <li>The improved skills in IPM will improve overall productivity.</li> </ul>
Developing Skills for Cost & Budgeting	6 months	10 visits	2 lacs	<ul style="list-style-type: none"> <li>Inculcate basic financial awareness in the MSME / smaller companies.</li> <li>Generation of monthly financial report (profit/loss statement), indicating financial health of company.</li> <li>Easing of budget making process (like what / how to monitor)</li> <li>Better utilization of company resources, based on available data trends.</li> </ul>
Developing Skills for Quality Circles	6 months	10 visits	2 lacs	<ul style="list-style-type: none"> <li>Total employee involvement in all improvement activities.</li> <li>Develop capability for structured problem-solving methodology with lasting results.</li> <li>Monetary &amp; non-monetary savings to the company.</li> </ul>
ACMA Hospital Clean Garden Green project	6 months	10 visits	2 lacs	<ul style="list-style-type: none"> <li>Safe &amp; clutter free workplace &amp; regular waste disposal.</li> <li>Garden green outskirts &amp; Shinning shop floor.</li> <li>Clean &amp; joyful environment &amp; Visibility improvement.</li> <li>Better inventory management. Improved air circulation and ventilation.</li> </ul>
Storage and Logistics Cluster Program	9 months	12 visits	up to 250 crores turnover - 6 lacs more than 250 crores turnover - 10 lacs	<ul style="list-style-type: none"> <li>Monitoring of stores operations through established KPIs.</li> <li>Good stores layouts and maintenance of all its equipments.</li> <li>Inventory Classification with minimum &amp; maximum order setting.</li> <li>Data recording for all materials (in-bound / outbound / WIP).</li> <li>Designing automation by usage of Bar Code/ RFID.</li> </ul>
New Product Management Cluster Program	12 months	12 visits	up to 250 crores turnover - 6 lacs more than 250 crores turnover - 10 lacs	<ul style="list-style-type: none"> <li>Reduction in internal sample rework and resubmission levels.</li> <li>First time right product. Internal cost reduction.</li> <li>Improved Organizational competence &amp; Improved customer satisfaction.</li> <li>Project delivery lead time reduction.</li> </ul>

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## Editorial Team:

### Publisher:

**Vinnie Mehta,**  
Director General, ACMA

### Chief Editors:

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Head Skilling & Mentoring, ACMA

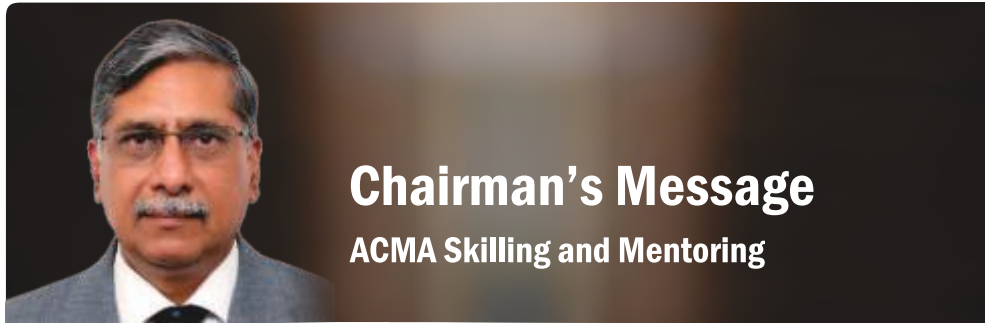
**V. K. Sharma,**  
Head - Cluster Program, ACMA

**Sapana Baravkar,**  
Head - ACMA Centre Of Excellence (ACoE)

### Assistant Editor:

**Ekta Agrawal,**  
Director, ACMA

One Complimentary copy of "IMPACT" is sent to each member of ACMA. Additional copies are available at Rs. 150/- for each copy. This cost is including applicable Tax & postage charges.



## Chairman's Message

### ACMA Skilling and Mentoring

Dear Reader,

I am happy to share with you the Volume 12 - Issue 2 of IMPACT, focusing on ACMA Technology Summit & EXPO 2019. The fourth edition of the Summit concluded successfully in January 2019. I am pleased to note your interest in the summit. This edition was themed on "Indian Auto Component Industry: Transforming to Stay Competitive" and included very contemporary content marked by its uniqueness. ACMA Awards were conferred on winners by Mr. Anant Geete, Hon'ble Union Minister for Heavy Industries & Public Enterprises, GOI in the opening session and by Mr. Rajan Wadhwa, President SIAM & President Automotive Sector, Mahindra & Mahindra Ltd in the culminating session. I congratulate all the winners of ACMA Awards. I express my deep gratitude to Mr. Geete and Mr. Wadhwa & for their valuable time & support.

Automotive industry worldwide is undergoing tremendous changes whether it is newer products or newer manufacturing technologies. Indian industry is feeling the impact of the global changes be it the readiness for Electric Vehicle technology or the transition from BS-IV to BS-VI. At this exacting time, we all must adapt ourselves to the changing customer demands and prepare to meet the formidable challenges through our own internal resources development.

ACMA is equipping itself to help the member community to prepare for these challenges through ACMA Centre of Excellence (ACoE). We have designed new and relevant training programs, certification courses to impart the pertinent knowledge to our members. The mechatronics lab at ACoE is very well equipped with gadgets and systems including Hydraulics, Pneumatics, Electrical, Sensor based technologies for providing a hands-on learning and a holistic experience for the learners. We are equipping our design lab at ACoE with latest software to help member community develop and strengthen their knowledge of R & D.

Additionally, we are introducing newer and relevant cluster programs for our members. The short duration programs (3 months, 6 months, 9 months) have been specifically developed for a focused and faster learning. Some of the new programs offered are Storage & Logistics, New product management, Value adding management, Cost & Budgeting, Initial production management, Quality circles, Hospital green & garden green plant.

We are very conscious of the fact that change can not be managed and sustained unless the employees are sensitized and oriented towards the change. The work environment needs to be motivating enough to energize employees to go for the improvements. With this prospect in mind we have designed a cluster program that will focus beyond machines and technologies - on developing human resource. For the very first time we are offering our membership a unique opportunity to enroll in our first ever HR Cluster Program.

I am sure you will take advantage of the above opportunities to prepare your teams to equip themselves with the latest tools and techniques to face and overcome any new challenge that presents itself.

I wish you all a happy learning and look forward to receiving your feedback on our publication to improve it further.

Best wishes  
FR Singhvi



Automotive Component Manufacturers Association of India

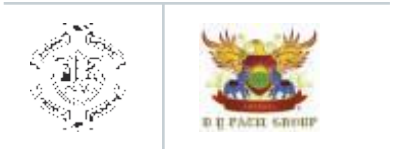
Indian Auto Component Industry:  
**TRANSFORMING  
TO STAY COMPETITIVE**



ACoE - SAKSHAM Knowledge Partners



Academic Partners



**INAUGURAL SESSION:**  
Lamp Lighting



**SUMMARY**

Chief Guest Shree Anant Geete, Hon'ble Union Minister for Heavy Industries & Public Enterprises, Government of India addressed the Summit and Guest of Honour Tom Flack, President & Chief Procurement Officer, Tata Motors Ltd.

Launch of two books, MOU signing with different academia and Felicitation of Companies for supporting differently abled persons

18 Speakers presented their thoughts with presentation

4 ACMA Award Winners shared their Success stories

1 Panel discussion on Digitization - Business Imperatives to drive efficiency in the supply chain with 9 Panel members

Felicitation of OEMs for driving ACMA Cluster Programs

Addressed by Guest of Honour Rajan Wadhwa President SIAM, President - Automotive Sector & Member Group Executive Board, Mahindra & Mahindra Ltd.

ACMA Awards 2018 Ceremony

Summit Awards ceremony



Welcome Address by **F R Singhvi, Chairman, ACMA Skilling & Mentoring and President of Sansera Engineering Ltd.**



Address by **Ram Venkataramani, President, ACMA & Managing Director, IP Rings Limited**



Address by Guest of Honour **Tom Flack, President & Chief Procurement Officer, Tata Motors Ltd.**



**Unveiling of Compendium of "Best Practices of Auto-component Manufacturers"**



**Launch of 'Excellence in Manufacturing...Inestimable Mantras!! By C. Narasimhan'- Hindi Version**



**MOU SIGNING CEREMONY** with MACE-India, IIT-Delhi, UNIDO, Cardiff-UK & AOTS-Japan as Knowledge Partners for ACMA Centre of Excellence (ACoE)



Address by **Chief Guest Anant Geete, Hon'ble Union Minister** for Heavy Industries & Public Enterprises, Government of India

**Felicitation of Companies** for supporting differently abled persons: Microsign Products, Bhavnagar and Kulkarni Engineers, Pune

## INAUGURATION OF SUMMIT EXPO 2019



Vote of thanks by **Vinnie Mehta, Director General, ACMA**

## Session ONE: Overcoming challenges



Overcoming competition by excellence in entire business stream  
**Bhaskar Bhat - Managing Director,** Titan Company Ltd.



Supply chain sustainability in automotive sector  
**Ganga Charan Sharma, Vice President,** Supply Chain Audits & Customized Services, TÜV Rheinland India Pvt. Ltd



Switching the gears of the mind-set  
**Manish Advani - Head Change Management,** Marketing & Public Relations, Mahindra Special Services Group (MSSG) and TEDx Speaker



Artificial Intelligence - need of hour for manufacturing  
**Dr. Ketan Kotecha - Dean & Director,** Symbiosis Institute of Technology

**Session TWO:** Global case studies on managing transformation (Part 1 of 2)



Digital (EHS) Environment, Health & Safety **Subbu Machiraju - Leader, CKM & Analytics,** Centre for Knowledge Management, DuPont Sustainable Solutions, USA



Importance of work place kaizen by using visual standards for improving bottom line **Masahisa Mizumoto - Senior management consultant,** Central Japan Industries Association, Japan



Manufacturing engineering, innovation and management for the 21st century industries  
**Dr. Michael Packianather - Head of Foreign Trade & International Relations,** German Association of the Automotive Industry (VDA), Germany



Global challenges in the automotive Industry from German perspective  
**Angela Mans - Head of Foreign Trade & International Relations,** German Association of the Automotive Industry (VDA), Germany

**Session THREE:** Looking into future



How manufacturing is getting revised by addition of software & real time data  
**Yogesh Kulkarni - Co-Founder & COO,** Altizon Systems



Reimagining future automobile  
**Omkar Panse - AVP & Head of Product Management** (Infotainment, Telematics & IoT), KPIT Technologies Ltd.



How Indian &/or global automotive industry is transforming to stay competitive  
**Kavan Mukhtyar - Partner & Automotive Leader,**  
 PricewaterhouseCoopers Pvt Ltd (PwC)

**Session FOUR:** Global case studies on managing transformation (Part 2 of 2)



Industry 4.0- airport logistics  
**Frank König \* - Senior Project Manager,**  
 Siemens, UAE  
 \*Skype presentation



Resource efficiency & cleaner production for enhanced competitiveness & innovation in auto components sector  
**Dr. René Van Berkel - UNIDO Representative,** Regional Office India, United Nations Industrial Development Organization (UNIDO)



SPAIN-Automotive & auto-parts sector: Opportunities for R&D collaboration and tech-based partnerships  
**Adrián Gutiérrez - Science & Technology Counsellor,** Embassy of Spain in New Delhi, Chief Representative of CDTI India and Southeast Asia



Engineering the future - sustainable solutions with focus on e-Mobility retrofiting  
**Patrick Galster - Business Development Manager,** in-tech GmbH, Germany



Solar Power for a zero carbon future?  
**Professor David Worsley - Vice President (Innovation),** Swansea University, UK

**Session FIVE:** Embracing technologies



Auto emergency communication on vehicle for securing human life - **Mailam Engineering Collage, MAILAM, Villupuram Dist, Tamil Nadu**





Adopting learning technologies for better evaluation of Skills training  
**Arindam Lahiri - CEO,**  
 Automotive Skills Development Council (ASDC)

**Session SIX:** Success story sharing by selected ACMA Award winners (Part 1 of 2)



**Subros Ltd., Gurgaon,**  
 Winner of Consistent Performing Company Award, Excellence in Quality & Productivity, Manufacturing, HR and HSE Award



**Nandhini Rubber Pvt. Ltd., Chennai,**  
 Winner of Excellence in HSE, Business Growth, Resource Optimisation & Make In India Drive Award

**Session SEVEN:** Success story sharing by selected ACMA Award winners (Part 2 of 2)



**Sanjeev Auto Parts Manufacturers Pvt. Ltd. Aurangabad -** Winner of Consistent Performing Company Award, Excellence in Automation (Mechatronics), Excellence in Quality & Productivity and Export Award



**Excel Plast, Coimbatore -** Winner of Excellence in HSE, Business Growth, Digitization & Resource Optimization Award

**PANEL DISCUSSION:** Digitization - Business Imperatives to drive efficiency in the supply chain



**Balaji Iyer - Session Moderator,**  
 Partner, McKinsey & Company



**Tom Flack - President & Chief Procurement Officer,**  
 Tata Motors Ltd.



**Lalit Verma - Sr. Vice President,**  
CDMM - Automotive & Truck and  
Bus Division, Mahindra & Mahindra Ltd.



**D V Ranganath - Senior Vice President,**  
Materials, Bajaj Auto Ltd.



**Rajesh Kumar Seth - General Manager &  
Divisional Head,** Purchasing,  
Honda Cars India Ltd.



**Sowmya Chaturvedi - Purchasing Leader,**  
Cummins India Ltd.



**Vishal Khanorkar - Vice President,  
Head Central Purchase,**  
Tata Autocomp Systems Ltd.



**Prashanth Doreswamy -  
Managing Director and  
Market Head,** Continental Automotive  
Components (India) Pvt. Ltd.



**Milind Doiphode - General Manager,**  
Procurement & Supplier Quality,  
Mercedes-Benz India Pvt. Ltd.

## VALEDICTORY SESSION



Welcome address - **Srivats Ram**,  
Past President ACMA,  
Advisor - ACMA Skilling & Mentoring  
and Managing Director, Wheels India Ltd.



Address by Guest of Honour **Rajan Wadhra**,  
President SIAM, President - Automotive Sector &  
Member Group Executive Board,  
Mahindra & Mahindra Ltd.



**FELICITATION** of  
ACMA Awards Jury Panel 2018



**FELICITATION OF OEMs driving ACMA Cluster Programs -**  
Cummins India Ltd., Force Motors Ltd., and Hero MotoCorp Ltd.



**VOTE OF THANKS**  
**Deepak Jain** - Vice President ACMA,  
Chairman & Managing Director,  
Lumax Industries Ltd.

## ACMA SUMMIT TEAM

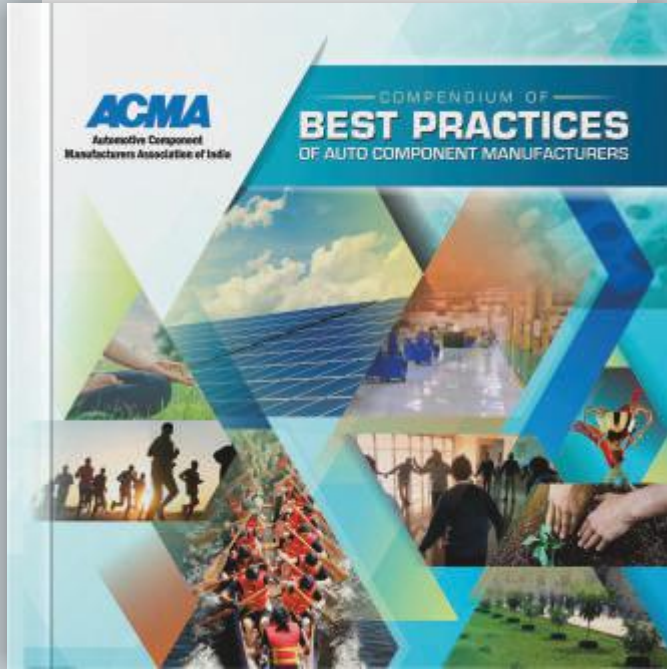


# Unveiling of Compendium of **BEST PRACTICES**

of Auto Component Manufacturers



ACMA Technology Summit & Expo 2019  
29th & 30th January 2019, Pune.



ACMA Awards 2018, we had requested companies to share their companies Best Practices in the application.

All these Best Practices are compiled into a Book.

The company will get benefit by reading this book as it has more than 100 companies Best Practices in it with the photographs.

Idea By:



Sapana Baravkar  
Head - ACMA Centre  
Of Excellence (ACoE)

Compiled By:



Ekta Agrawal  
Director



**C. Narasimhan**

(Ex-President of Sundaram Clayton Ltd.)

**BOOK LAUNCH**

## विनिर्माण क्षेत्र में उत्कृष्टता...अतुल्य मंत्र !! **Excellence in Manufacturing... Inestimable Mantras!!**

After the success of Excellence in Manufacturing Inestimable Mantras in English and on the audience response.

The Book is converted to Hindi

The company will get benefit by reading this book

This book has

**Indian Production System,  
Lean Machines,  
Integrated Inventory Management,  
Integrated Quality Management,  
Lean Manufacturing,  
Tool Engineering and Logistics.**

Edited By:



This Book is written by C. Narasimhan  
(Ex-President of Sundaram Clayton Ltd.)

**Deepak Agarwal**  
Expert ACT Programs



Automotive Component  
Manufacturers Association of India

# MOU SIGNING CEREMONY

with



ACMA Technology Summit & Expo 2019  
29th & 30th January 2019, Pune.



MACE - India

Mr. M M Singh, Director, MACE, Maruti Centre of Excellence and Mr. Vinnie Mehta, DG, ACMA



IIT - Delhi

Dr. Sunil Jha, Coordinator, Industry 4.0 DHI Project IIT Delhi and Mr. Vinnie Mehta, DG, ACMA



UNIDO

Dr. René Van Berkel, UNIDO Representative, Regional Office India, United Nations Industrial Development Organization (UNIDO) and Mr. Vinnie Mehta, DG, ACMA



Cardiff - UK

Mr. Somnath Nandy and Mr. Micheal from Cardiff University, UK



AOTS - Japan

Mr. Kanda San from AOTS, Japan

ACMA is already having MoUs with Cardiff-UK, AOTS-Japan



SAKSHAM

ACMA CENTRE OF EXCELLENCE (ACoE)

Knowledge Partners for ACMA Centre of Excellence (ACoE)

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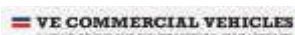
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## SUMMIT AWARDS BEST SLOGAN

Wheels India Ltd., Faw Unit Padi  
ZED Kill the defect and  
**FILL** the **PROFIT**

Alfa Cotec Industries, Gurgaon  
ACMA को जिसने अपनाया,  
सफलता को उसने पाया।

Precitek Components Pvt. Ltd., Chennai  
Learning from  
Act International Programs  
**BENEFITS US** to  
**CREATE A NEW PATH**

# ACMA Technology Summit and Expo 2019

## EXHIBITORS



MICROLOGIC INTEGRATED



AAPS TECHNOYSYS LLP



EDS TECHNOLOGIES PVT. LTD.



SANJEEV AUTO PARTS MANUFACTURERS



PEPPERL+FUCHS



SIBAR AUTO PARTS LTD.



ZWICK ROELL TESTING MACHINES PVT.



MAILAM ENGINEERING COLLEGE



I P RINGS LTD



J K FENNER (INDIA) LTD



PRECITEK COMPONENTS PVT LTD



INTECH GMBH



SUYOG RUBBER (I) PVT. LTD.



JAGADEESH JANARDAN SATHE



GREENTIN SOLUTIONS PVT LTD



AUTOMOTIVE SKILLS DEVELOPMENT COUNCIL



ERGO HANDLERS



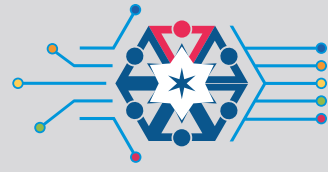
THINK7 BUSINESS SYSTEMS PVT LTD

# SUMMIT AWARDS

## ACT CLUSTER HERO

An individual who significantly contributed for breakthrough improvements in ACT Cluster Program at their company

*Congratulations...*



ACMA Technology Summit & Expo 2019  
29th & 30th January 2019, Pune.

# ACMA

Automotive Component  
Manufacturers Association of India



**Subhendu Hati**  
Alfa Cotec Industries,  
Gurgaon



**Padam Kumar**  
Chopra Autotech  
Pvt. Ltd., Haridwar



**Gaurav Datar**  
Cummins India Ltd.,  
Kothrud Engine Plant



**K Saravanan**  
Estee Auto Pressings  
Pvt. Ltd., Hosur



**D Sreenivasa Rao**  
J. K. Fenner (India) Ltd.,  
Patancheru, Hyderabad



**V Siddeswar**  
J. K. Fenner (India) Ltd.,  
Patancheru, Hyderabad



**R Damodharan**  
JK Fenner India  
Limited, Madurai



**V Murugan**  
JK Fenner India  
Limited, Madurai



**M Nagarajan**  
JK Fenner India  
Limited, Madurai



**Dinesh Kumar B**  
JK Fenner India  
Limited, Sriperumbudur



**G B Mashalkar**  
Kores India Ltd.  
Foundry Division,  
Chakan Plant



**S L Patil**  
Kores India Ltd.  
Foundry Division,  
Chakan



**Pravin Raokhande**  
Kores India Ltd.  
Foundry Division,  
Chakan Plant



**S L Varpe**  
Kores India Ltd.  
Foundry Division,  
Chakan



**Jayprakash Kalshetty**  
Kores India Ltd.  
Foundry Division,  
Pefco Plant



**Shedge K B**  
Kores India Ltd.  
Foundry Division,  
Pefco Plant



**Dharam S Rajaram**  
Kores India Ltd.  
Foundry Division,  
Pefco Plant



**Gundapa Bodare**  
Kores India Ltd.  
Foundry Division,  
Pefco Plant



**Shiv Bachan Singh**  
Lucas TVS Limited,  
Pantnagar, Uttarakhand



**E Muthusamy**  
Lucas TVS Ltd.,  
Padi, Chennai



**G Subbarao**  
Lucas TVS Ltd.,  
Padi, Chennai



**K Elumalai**  
Lucas TVS Ltd.,  
Padi, Chennai



**R Iniyar**  
Lucas TVS Ltd.,  
Padi, Chennai



**M Prasath**  
Lucas TVS Ltd.,  
Padi, Chennai



**Atul Nigade**  
Menon and Menon  
Limited, Kolhapur



**Sunil kumar Kataria**  
Nipman Fastener  
Ind. Pvt. Ltd., Haridwar



**Ritesh R Navthar**  
Sanjeev Auto Parts  
Manufacturers  
Pvt. Ltd., Aurangabad



**N K Shaikh**  
Sanjeev Auto Parts  
Manufacturers  
Pvt. Ltd., Aurangabad



**Ketan V Urmale**  
Sanjeev Auto Parts  
Manufacturers  
Pvt. Ltd., Aurangabad



**Jayaram B Yadav**  
Sanjeev Auto Parts  
Manufacturers  
Pvt. Ltd., Aurangabad



**Balasaheb S Dargude**  
Sanjeev Auto Parts  
Manufacturers  
Pvt. Ltd., Aurangabad



**Ajinkya K kulkarni**  
Sanjeev Auto Parts  
Manufacturers  
Pvt. Ltd., Aurangabad



**Sachin Yeole**  
Ultra Engineers,  
Pune



**Nana Makhale**  
Ultra Engineers,  
Pune



**S Muruganandham**  
Wheels India Limited,  
FAW unit, Padi



**T Saravanan**  
Wheels India Limited,  
FAW unit, Padi



**B Rajasekar**  
Wheels India Limited,  
FAW unit, Padi



**T Venkatesan**  
Wheels India Limited,  
FAW unit, Padi



**Raghavendra Rao**  
Wheels India Ltd.,  
(CV), Padi



**B Shanmugapriyan**  
Wheels India Ltd.,  
(CV), Padi



**Ravisankar RS**  
Wheels India Ltd.,  
(CV), Padi



**M Govindaraj**  
Wheels India Ltd.,  
(CV), Padi



**Jagannath S Kamble**  
Wheels India Ltd.,  
Pune



**Pravinkumar C Panchariya**  
Wheels India Ltd.,  
Pune



**Sudhir A Patil**  
Wheels India Ltd.,  
Pune



**Amol B Tarte**  
Wheels India Ltd.,  
Pune



**Birendra Tiwari**  
Munjal Auto  
Industries Ltd., Bawal



**Hari Shankar Gautam**  
WIL Car Wheels  
Limited, Bawal



**Mahaveer Gupta**  
WIL Car Wheels  
Limited, Bawal



**Pramod Kumar Tomar**  
WIL Car Wheels  
Limited, Bawal

## SUMMIT AWARDS WOMAN EXCELLENCE

*Congratulations...*



**Anjana Mohan**  
SEP India Pvt. Ltd.,  
Hosur



**Vaishali Pachore**  
Cummins India Ltd.,  
Kothrud Engine Plant



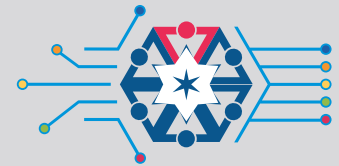
**Annu Gupta**  
Kavia Engineering  
Pvt. Ltd., Bangalore



**Vandana S Kulkarni**  
Sanjeev Auto Parts  
Manufacturers Pvt. Ltd.,  
Aurangabad



**Deepa Dinesh**  
Yazaki India Pvt. Ltd.,  
Maraimalai Nagar,  
Tamil Nadu



**ACMA Technology Summit & Expo 2019**  
29th & 30th January 2019, Pune.

**ACMA**

Automotive Component  
Manufacturers Association of India



# ACMA CENTRE OF EXCELLENCE TRAINING PROGRAMS

## Certification Course Artificial Intelligence & Manufacturing Informatics



### 22nd to 25th Jan 2019

(ACMA Centre of Excellence, ACoE - SAKSHAM)

The Chief Guest & Guest of honour Mr. Somnath Nandy who has 25 years of experience in the U.K. Education Sector recently working with Cardiff University, U.K and Mr. Avik Kumar Debnath from Welsh Government was invited to address the participants on start of program.

The brief overview and workshop / training plan was discussed by trainer Dr. Michael Packianather Senior Lecturer in Intelligent Systems at the School of Engineering, Cardiff University, UK. He is a Ph.D. degrees scholar in the field of Artificial Intelligence.

The training program is successfully culminated in the presence of Mr. Karthik (Country Head, sequa LO India National Project Coordinator, ACMA SIAM VDA Partnership Project, VDA, Head of iMOVE Office in India, Mr. Adrian (Science and Technology Counsellor, Chief Representative of CDTI India and Southeast Asia, Embassy of Spain in New Delhi, India, Ministry of Science, Innovation and Universities, Government of Spain), Mr. Dinesh Vedpathak (Head - Skilling & mentoring ACMA) and Ms. Sapana Baravkar (Head - ACMA Centre of Excellence).



### 30th to 2nd Feb, 2019

(ACMA, Pune Office)

The Chief Guest & Guest of Honour Ms. Angela Mans Head of Foreign Trade and International Relations - German Association of the Automotive Industry (VDA) and Ms. Asiya Ashraff who is the Country Manager for the Welsh Government in India for the past 5 years with previous work experience with Department of International Trade in the Automotive sector based in the British High Commission in Delhi from Welsh Government was invited to address the participants on start of program.



## ACMA Centre of Excellence (SAKSHAM), Sonipat

### Three Days Leadership Workshop

### “Leading High Performance Organisations”

**28th, 29th & 30th April 2019**



(SAKSHAM) successfully trained approx. 64 companies & 132 professionals across the country in short span of time from the day of its inauguration i.e July 2018 till date.

In view of responses obtained from companies who has attended SAKSHAM's previous Leadership Program on topic of “Developing Leadership Skills” organised in its centre in Dec 2018. The second version of behavioural workshop for 3 days was designed by ACMA's expert

group focussing on Industry need “leading High-Performance Company” methodology opted for this workshop is based on Diagnostic Instruments, Role play, Small group work, Conceptual input, Case study, Games, Film based learning, Personal Action Plan.

The workshop was inaugurated on 28th April at 10:00 am by lighting of lamp by Mr. Dinesh Vedpathak - Head Skilling and Mentoring (ACMA), Ms. Sapana Baravkar Head - ACoE accompanied by Trainer of this workshop and Participators. Workshop successfully kicked with 23 participants from 12 different companies attended this

workshop. On outset of program trainer-initiated process office breaker, thereafter a detailed psychometric test of participant. Further on first day case studies, management games played to analyse individual skills.



# ACMA ADVANCE CLUSTER 10 CULMINATION PROGRAM

9th February 2019

ACMA cluster journey started in the year 2001 and since then, the team is writing "Cluster success stories" year after year. Today ACMA Advance Cluster Program is running 11th, 12th and 13th edition in various stages and 10th edition of this program culminated on 9th February 2019.

ACMA Advance Cluster 10, Mentored by Mr. V K Sharma (Head Cluster Program) and Counsellor by Mr. S B Dokey (Expert Cluster Program), comprised of six companies, namely:

- G S Auto International, Ludhiana
- Meenakshi Polymers Private Limited, Dadri
- Right Tight Fastener Private Limited, Nashik
- Varroc Polymers Private Limited, Binola
- Varroc Polymers Private Limited, Greater Noida
- Varroc Polymers Private Limited, Pathredi

**The result achieved by the six companies in their twenty-four months journey during Cluster Program:  
Overall Net Savings - 1193 lacs**

The overall feedback given by the six companies, about Advance Cluster Program experience is 99%.

The culmination ceremony of this Advance Cluster 10 Program was organised at ACMA Centre of Excellence, Sonipat. The program was chaired by Mr. Sunil Arora, Co-Chairman Skilling & Mentoring.



**Chief guest and Co-Chairman,  
Skilling & mentoring,  
Mr. Sunil Arora**

graced the ceremony and congratulated all the participating teams on the graduation ceremony of the Advance Cluster 10 and wished them success and suggested them to practice the learnings, gained during the past 24 months journey.



**Mentor & Head Cluster Program,  
Mr. V K Sharma,**

expressed his happiness on the completion of the two years improvement journey and applauded the hard work put in by each and every member of all the participating teams. He wished them success and advised them to continue this learning process.



**The counsellor for the Advance  
Cluster 10,  
Mr. S B Dokey,**

thanked all the participating companies and all the Cluster CEOs for the support they provided to their teams and showed the keen desire to learn all the new concepts counselled by ACMA counsellor and mentor. He expressed his happiness and satisfaction at the successful culmination of Advance Cluster 10.



**Unveiling of "Book Of Cluster Journey"**



**Felicitation of Mr. Kunal Soni (MD, Meenakshi Polymer P Ltd) & Mr. Jasbir Singh Riyat (MD, GS Auto International Ltd) by Mr. Sunil Arora, Co-chairman Skilling & Mentoring**



Team G S Auto International Limited, Ludhiana



Team Meenakshi Polymers Private Limited, Dadri



Team from Right Tight Fasteners Private Limited, Nashik



Team from Varroc Polymers Private limited, Binola



Team from Varroc Polymers Private limited, Greater Noida



Team from Varroc Polymers Private limited, Pathredi



**Champions of ACMA Advance Cluster 10**

# ACMA HERO SUPPLIER EXCELLENCE PROGRAM - 2

Skilling and Mentoring (S&M) is an important pillar at Automotive Components Manufacturers Association (ACMA) and is actively engaged in the upgradation of ACMA members through various programs - Cluster interventions, Training programs and Supplier Development Programs through OEMs & large Tier - 1 companies.

One such Supplier Development Program which ACMA S&M is running successfully is ACMA Hero Supplier Excellence Program. In September '2017 ACMA entered into a partnership with two-wheeler giant Hero MotoCorp Limited (HMCL), to upgrade its supplier base (mostly tier - 2 & tier - 3 companies spread across various locations in Northern India) and 1st Hero Supplier Excellence Program (HSEP - 1) started.

The achievements of ACMA HSEP - 1 were remarkable and all the participating companies immensely benefited in 12 months of the program. To further strengthen its supply chain partners, HMCL management enrolled one more group of tier - 2, tier - 3 companies and ACMA HSEP - 2 started on 7th August 2018 at a grand ceremony at Gurugram.

ACMA HSEP - 2 consists of 22 companies divided into 3 clusters - Haridwar (7 companies), Ludhiana (7 companies) and Delhi - NCR (8 companies).

The main topics included in the roadmap are:

- Creating Clean company by 1S & 2S activity and waste removal throughout the plants, to establish a visual factory.
- Employee involvement in all improvement activities namely - suggestion schemes, Quality Circles, Kaizens and Safety drives.
- Quality improvement by setting standards of incoming materials, process parameters, and PDI. Recording and analysing customer complaints and also setting standards for internal audits and vendor audits.
- Production planning and control as per customer schedule, regular production monitoring and analysing the variance in hourly production.
- Delivery improvement by introduction of preventive maintenance, die - tools maintenance and SMED.
- Holding gains by periodic audits and monitoring PQCDMSM parameters on regular basis.

The ACMA team that took charge under guidance of Head Cluster Program, Mr. V K Sharma comprises Mr. Sushil Sharma as Mentor along with the three counselors - Mr. Dinesh Rana (Haridwar), Mr. D K Sharma (Ludhiana) and Mr. Mahavir Singh (Delhi NCR). This team holds a cumulative automotive industry experience of more than 125 years, for transforming the supplier companies.



V.K.Sharma,  
Head Cluster Program



Sushil Sharma  
Mentor, HSEP Program



Dinesh Rana,  
Counsellor, Haridwar Cluster



D. K. Sharma,  
Counsellor, Ludhiana Cluster



Mahavir Singh,  
Counsellor, Delhi NCR Cluster

After six months a review meeting was organised on 18th March 2019 at Gurugram to evaluate the progress made by the 22 participant companies. The review meeting was attended by HMCL top management personnel and ACMA team along with all the participating companies' delegates. The HMCL management expressed satisfaction over the results achieved by all the companies. They encouraged the participating companies' delegates to put in more effort and applauded the efforts by ACMA mentor and counselors.

The summary of results achieved by the companies is as follows:

- Overall cost savings - **292 lacs**
- Improvement in 1S & 2S score - **90%**
- QC Circles created & Completed - **329**
- Reduction in customer complaint - **37%**
- Reduction in internal rework - **71%**
- Improvement in delivery - **97%**
- Customer return - **5%**



Some pictorial testimony to the work done by the participating companies:

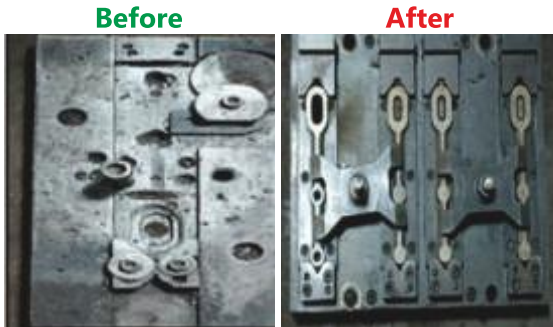


Clearly marked gangway, clutter free work place, resulting in easy movement of materials & improvement in safety.

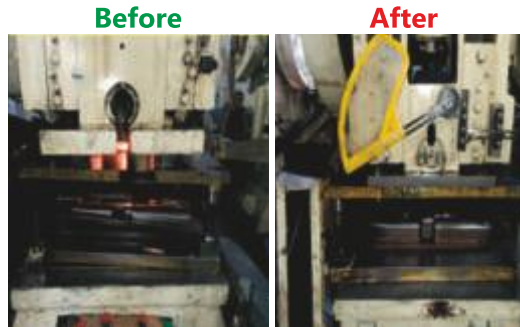


Material inspection on floor

Die Rack installed at front & Inspection Table at back



Fixture modified - productivity improvement & reduction in rework & rejection



Safety guard installed at press machines, for operator's safety

List of companies participating in this program.

Cluster - 1, Haridwar	Cluster - 2, Ludhiana	Cluster - 3, Delhi NCR
Jayashree polymers Pvt. Ltd.	Amar Autotech Pvt Ltd, (Unit 1)	Patel engineering Works
Bony Polymer Pvt. Ltd.	Amar Autotech Pvt Ltd, (Unit2)	NIKKO Auto Ltd.
Karan Automotives Pvt Ltd	Bajaj Sons Limited	JMD Autotech Industries
Prasar Metal Engineering Pvt. Ltd.	High Rise Industries	ACME Auto Pvt. Ltd.
RICO auto industries Ltd.	Mehta Engineers Ltd	M & M Machine Craft Pvt Ltd.
Autofit Pvt. Ltd.	Moonlight Automat Pvt Ltd	Karishma Finishers Pvt Ltd.
Bajaj Sons Ltd.	Sheel Auto Industries Pvt Ltd	Nice Steel Industries
		P. Dass Forging Pvt. Ltd.

HMCL REVIEW OF ACMA HERO SUPPLIER EXCELLENCE PROGRAM ON 18th March 2019 at GURUGRAM



THE TEAMS - ACMA, HMCL, All the participating companies

# Highlights Of ACMA LMW Supplier Excellence Program

February 2018 to January 2019

ACMA is actively engaged with OEMs & large Tier - 1 companies for running customised, structured programs for the development of their supply chain partners (SCPs). These programs are very successful and have received overwhelming response from the OEMs as well as Tier-1 companies.

Last year ACMA partnered with LMW to improve their SCPs. Lakshmi Machine Works Limited (LMW) is a leading Textile and CNC Machinery and precision casting manufacturer located at Coimbatore.

LMW's vision is **"To enhance customer satisfaction and our image globally and achieve exponential growth to leadership through world class products and service."** To achieve its vision the company enrolled 11 companies in ACMA LMW Supplier Excellence Program (QCD).

The companies that volunteered for this transformation are:

- |                                    |                                      |
|------------------------------------|--------------------------------------|
| 1. Laxmi Sales Private Limited     | 7. Lakshmi Electrical Control System |
| 2. Adhya Fabricators               | 8. Adwath Lakshmi                    |
| 3. Micromatic                      | 9. Quattro Engineering               |
| 4. Laxmi Electrical Drives Limited | 10. Lakshmi Precision Tools          |
| 5. Suresh Gears                    | 11. Lakshmi Life Science             |
| 6. Bagavathy Precision Products    |                                      |



**After 12 months, all the 11 companies completed the program successfully and the results achieved were remarkable.**

- Overall cost savings - **307.11 lacs**
- Improvement in 1S & 2S score - **78%**
- QC Circles created & Completed - **195**
- Reduction in customer compliant - **78%**
- Reduction in internal rework - **86%**
- Improvement in delivery - **99%**
- Kaizens Completed - **649**

Realising the importance of structured learning under the guidance of ACMA team, these companies have decided to continue their improvement journey with the ACMA LMW Supplier Development Program (Advance).

## ACMA TEAM



Mr. VK Sharma, Head Cluster Program congratulated the LMW management, participating teams and Mentor & Counsellor for successfully completing the Program. He wished success to all the participating teams for future learnings.



Mr. Sushil Sharma, Mentor, thanked LMW management & all the company's delegates for extending support during the project journey. Overall performance was excellent and it was a great honour to be a part of this improvement journey.



Mr. Karthikeyan Parthiban, Counsellor, thanked and congratulated the LMW Companies and their teams for successfully completing the program. He thanked the mentor for his guidance. It was great working with all the 11 LMW companies.

## Overall achievements at a glance



## ACMA LMW Supplier Excellence Program Culmination Ceremony held on 17<sup>th</sup> Jan 2019



1<sup>st</sup> Best performer of LMW Suppliers Excellence Program - **Venkatsarvanan** (Unit Head-LLS)



2<sup>nd</sup> Best performer of LMW Suppliers Excellence Program **Shanmugam** (MD-Bagavathy Precision Products)



3<sup>rd</sup> Best performer of LMW Suppliers Excellence Program - **Jayakumar** (GM-Laxmi Precision Tools)



Felicitation of Mentor Sushil Sharma by **Sankar** (President-LMW)



**ACMA LMW Suppliers Excellence Program team**

## LMW Management Experience

LMW recognises that partnering with ACMA to execute the QCD Cluster program for its suppliers did a great transformation at their end by resulting in bringing the 5S and Quality & Safety-First culture. Overall the level of Quality in Supplies and the Delivery performance (OTIF) improved to a great extent thanks to ACMA.



Mr. Sankar, President



Mr. Sanjay Jayavarthanavelu, CMD





# 1<sup>ST</sup> T10 CRICKET CUP

6th March, 2019

Event Arranged By:  
**Ecktta**, Director, ACMA



To create bonding among ACMA members, Northern Region HR Forum organized 1st T10 Cricket Cup on Wednesday, 6th March, 2019 in Gurugram. Mr. V Sridhar, Group Vice President & Director, HMSI inaugurated the tournament.

There was an encouraging response and players participated enthusiastically. Total 28 teams participated in the Cricket Cup. 45 Matches played on 8 grounds parallelly. All completed in one day as it was Day & Night Tournament including Sem-finals and Finals.

The details of the winners are as follows:

Category	Name
Winner	Subros Ltd., Manesar
Runner Up	Rico Auto Industries Ltd., Gurgaon
Max. no. of Sixes	Mr. Naveen, Musashi Autoparts India Pvt. Ltd.
Best Wicket Keeper	Mr. AmulyaKumar Swain, Subros Ltd., Manesar
Best Batsman	Mr. Udit Mohan, Rico Auto Industries Ltd.
Best Bowler	Mr. Satish Kumar, Subros Ltd., Manesar
Man of the Match (Final)	Mr. Himanshu Yadav, Subros Ltd., Manesar
Man of the Series	Mr. Udit Mohan, Rico Auto Industries Ltd.

Members appreciated the initiative, shared excellent feedback and would like to be part of such competitions organized by ACMA in future.



**V Sridhar, Group Vice President & Director, HMSI inaugurated the tournament**



**WINNER**  
Subros Ltd., Manesar



**RUNNER UP**  
Rico Auto Industries Ltd., Gurgaon



**Man of the Match (Final)**  
Mr. Himanshu Yadav, Subros Ltd., Manesar



**Best Wicket Keeper**  
Mr. AmulyaKumar Swain,  
Subros Ltd., Manesar



**Man of the Series**  
Mr. Udit Mohan, Rico Auto Industries Ltd.



**Best Batsman**  
Mr. Udit Mohan,  
Rico Auto Industries Ltd.



**Best Bowler**  
Mr. Satish Kumar,  
Subros Ltd., Manesar

# ACMA Awards 2019

**Table A - ACMA Awards Category and Criteria 2019**

Sr. No.	Award Category	ACMA Award - sub category			
		Small Category	Medium Category	Large Category	Very Large Category
		<b>Company Group Sales Turnover: Apr 2018 to Mar 2019</b>	Upto INR 50 Cr	> INR 50 to 150 Cr	> INR 150 to 500 Cr
	<b>Application Total Marks</b>	250	250	1000	1000
1	Excellence in Exports	Applicable	Applicable	Applicable	Applicable
2	Excellence in New Product Design & Development	Applicable (New Product Development)	Applicable (New Product Development)	Applicable (New Product Design & Development)	Applicable (New Product Design & Development)
3	Excellence in Process Technology	Applicable	Applicable	Not Applicable	Not Applicable
4	Excellence in Manufacturing	Applicable	Applicable	Applicable	Applicable
5	Excellence in HR (Human Resource)	Applicable	Applicable	Applicable	Not Applicable
6	Excellence in Supplier Development	Not Applicable	Not Applicable	Applicable	Applicable
7	Excellence in HSE (Health, Safety & Environment)	Applicable	Applicable	Applicable	Not Applicable
8	Excellence in Inclusive growth - A Make In India Drive	Applicable	Applicable	Applicable	Applicable
9	Recognition for Unique Initiative: Applicable for Company Group Corporate level only	Applicable for all sub categories - Entry by Nomination Form (Site Diagnosis not applicable)			

Award Activity	Timelines
Release of Circular	April 2019
ACMA Awards Applicant Awareness Meetings (Optional)	May 2019
Deadline for receipt of online applications along with customer/supplier feedback	30 <sup>th</sup> June 2019
Scrutiny of Applications for Site diagnosis	July 2019
Site diagnosis of the shortlisted companies	August 2019
Shortlisting of applications by Industry Experts & submission of reports to the ACMA Awards Jury Panel	September 2019
Jury Meeting for selection of Awardees	October 2019
Awards distribution in "5th ACMA Technology Summit" at Pune	25 <sup>th</sup> & 26 <sup>th</sup> November 2019

Apply online [www.acmaawards.in](http://www.acmaawards.in) Ms. Smita Kulkarni, [smita.kulkarni@acma.in](mailto:smita.kulkarni@acma.in) | 9922922500

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Complete Issue	<b>1. Company Name on Cover Page with one full page advt. A4 size at Back Cover</b> 2. Bookmark for free with Advertisement 3. 5 delegates for our Summit for next 5 years 4. 5 delegates for our Case study competition for next 5 years	1.75 L	<b>1 Lakh (Booked)</b>
Centre Spread	<b>Two full page advt. A4 size at center of magazine</b>	1 L	65 K
Inside Two Full Page	<b>Two full page advt. A4 size inside magazine</b>	75 K	50 K
Inside One Full Page	<b>One full page advt. A4 size inside magazine</b>	45 K	35 K
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