



THE ECONOMIC TIMES  
World Class  
**MAINTENANCE**  
Summit

5<sup>th</sup> & 6<sup>th</sup> DECEMBER, 2017

JW Marriott Sahar International Airport, Mumbai

Brought to you by  
  
An Economic Times Initiative

With manufacturing at the core of national economic reforms in India, plant maintenance gathers predominance. With productivity and thereby profitability being the cherished extension of optimally operating manufacturing plant, the criticality of maintenance, be it Productive, Predictive & Preventive or total Maintenance cannot not be ever over emphasised. The Industrial Maintenance industry has changed drastically over the past few years and today is considered as one of the most integral part of the management discipline. This change is facilitated by a huge increase in the number and variety of physical assets (plant, equipment and buildings) with much more complex designs and lastly the adoption of new maintenance techniques. **The first Edition of The Economic Times World Class Maintenance Summit 2017** is centered on the theme **“FUTURE PROOFING MFG RESURGENCE”** and will focus on Industry 4.0 to Maintenance 4.0. This summit offers the plant heads a distinctive experience featuring pragmatic content and networking opportunity through a perfect blend of varied interesting elements during the event. The leaders from the manufacturing industry will assemble together to talk about their success stories, the challenges and how is the maintenance industry going to shape up in the near future. The day of the event will see a fusion of keynotes, panel discussion, workshop, inclusive session and Spotlight talk. The proceeding of the summit will be conveyed through the Whitepaper which will be released post the event.

## PREFACE

The Indian Manufacturing industry has gained momentum ever since the Government's 'Make in India' initiative in 2014, thus enabling the country's manufacturing agenda and global competitiveness. Currently, India is the sixth largest manufacturing nation and the biggest recipient of foreign direct investments (FDIs), with inflows touching \$60 billion in 2016-17. Today, India needs new policy to incentivize adoption of digital technologies, develop the requisite digital ecosystem, augment competitiveness, while meeting the requisite skill gaps. The government has announced the roll-out of a new manufacturing policy to push its share to 25% of GDP by consolidating Make in India and embracing Industrial Revolution 4.0.







## **INDUSTRY 4.0 TO MAINTENANCE 4.0**

Industrial 4.0 also termed as 'Smart Factory' means higher productivity, efficiency and self-managing production processes where people, machines, equipment work-in-process components to communicate and work with each other directly. Traditionally, the work of a maintenance professional would have a combination of qualitative and quantitative techniques, which would help in identifying failure modes and mitigate the downtime. However, with Industry 4.0 the maintenance professional benefits new solutions by adapting new technologies that is enabling their work schedules to be more targeted and effective, projecting machine downtimes and decrease in repair times with continuous flow in production. Managing a plant today is fetched with myriad of challenges right from developing and implementing strategies to successfully maintaining production equipment. An unplanned downtime leads to an additional cost for industrial manufacturers and thus it is important for the machines to be ready to run when production needs them. A lot has been tried and tested in order to combat these challenges like hiring a new maintenance manager, provision of training for the maintenance crew, adopting the Computerized Maintenance Management System (CMMS), developing a preventive maintenance program, or one of many other approaches aimed at getting more productivity from the maintenance organization. With Industry 4.0 and technology being the prime enabler IoT or IIoT will help manufacturers to track the status and life of the machines and can remotely monitor the condition of equipment and look for indicators of imminent failure – for example vibration, temperature or pressure outside normal limits without going to the manufacturing facility by making fewer visits, reducing costs.

## **THE ECONOMIC TIMES WORLD CLASS MAINTENANCE SUMMIT 2017**

With the government's aim to make India the next manufacturing hub by 2020, it is imperative for us implement world class maintenance within the organization so that we can excel in production output and serve on time operational excellence. The Economic Times World Class Maintenance Summit 2017 aims to bring forth the members of the industry to talk and deliberate on the challenges that the sector faces with new and innovative ideas that will enable and boost plant performance and reduce maintenance and operations costs. This gathering shall not just address the challenges and issues but also offer practical thesis and workshops that will help you take back some learnings that could be applied in your day to day activities.

## PROGRAMME SCHEDULE

DAY ONE	
09:00 - 10:00	Registration
10:00 - 10:10	Welcome Address <b>Archana Tiwari Nayudu</b> , Content Head, ET Edge
10:10 - 11:00	Inaugral Panel by Advisory Board : Industry 4.0 to Maintenance 4.0 <b>Jagdish Ramaswamy</b> , President - Chief Digital officer & Head Business Excellence, Hindalco Industries, Aditya Birla Group <b>J. Sridharan</b> , Quality & Business Excellence Professional <b>Kailas Parkhe</b> , Head Plant Engineering (Maintenance, Manufacturing, Projects & EHS), Hyundai Construction Equipment India <b>Naveen Chadha</b> , Chief Manufacturing Officer, ACC Moderator: <b>Ambarish Raj</b> , Senior Principal Consultant & Business Head, BMGI
11:00 - 11:10	Q&A
11:10 - 11:25	Tea / Coffee & Networking
11:25 - 12:15	Panel Discussion: Integrating Preventive & Predictive Maintenance Technologies for Asset Monitoring <b>Ajith Kumar</b> , Head of Operations, Akzonobel India <b>Haresh Gill</b> , Plant Director, Abbott India <b>Harihar P.</b> , Senior Vice President, Manufacturing and Project Planning, Ashok Leyland <b>Ashish Gupta</b> , Head – Operational Excellence Academy, Tata Motors <b>Om Narayan</b> , Advisor, Advisor, Hofincons Moderator: <b>Sudipta Ghosh</b> , Partner and Data and Analytics Leader, PWC India
12:15 - 12:25	Q&A
12:25 - 12:45	Innovation Talk: Developing and Optimizing: IoT, Smart Factory & Artificial Intelligence <b>Rashmi Patra</b> , Head - Technical Operations, Novartis India <b>Nandkumar Rane</b> , Vice President- Corporate Projects and Manufacturing Engineering, Escorts <b>Raghu Kumar</b> , Co-Founder & Director Technology, Ayasta Technologies
12:45 - 12:55	Q&A



## PROGRAMME SCHEDULE

12:55 - 13:15	The Need for an Integrated approach towards Motor Condition Assessment <b>Aditya Korde</b> , Managing Director, Diagnostic Technologies India	
13:15 - 13:20	Q&A	
13:20 - 14:00	Lunch & Networking	
	<b>Parallel Tracks</b>	
	<b>PROCESS</b>	<b>DISCRETE</b>
14:00 - 15:30	Fish bowl Conversation	Fish bowl Conversation
15:30 - 16:20	Panel Discussion: 5 Steps: Future Proofing Process Plant Maintenance <b>Sunil Plakkat</b> , Head of Manufacturing Operations for PPG-Asian Paints P Ltd <b>Sunil Gulati</b> , Vice President, Technical Operations, Coca Cola India <b>Arvind Kumar Verma</b> , Chief – Maintenance Services, Essar Steel India	Panel Discussion: 5 Steps: Future Proofing Discrete Plant Maintenance <b>Yesheen Vibhakar</b> , Head of Operational Excellence, Suzlon Group <b>Sanjay Khanvilkar</b> , Head Quality and Business Excellence at Crompton Greaves Consumer Electricals <b>Mathew Samuel</b> , Head Integral Plant Maintenance Business, Siemens
Moderator	<b>S Sathish</b> , Partner, KPMG India's Management Consulting	<b>Anirban Mukherjee</b> , Associate Partner, EY India
16:20 - 16:30	Q&A	
<b>DAY TWO</b>		
09:30 - 10:00	Registration	
10:00 - 13:30	Workshop by Japan Institute of Plant Maintenance <b>Jayanth Murthy</b> , Founder & Director, Kaizen Institute - India and Africa	
13:30 - 14:30	Lunch & Networking	
14:30 - 17:00	Unconferencing: Productivity Paramount: How to get ROI out of your investment in plant & machinery Maintenance <b>Uday Purohit</b> , Managing Director, Neptunus Power Plant Services	
17:00	Close of Conference	





## WHY ATTEND?

At The World Class Maintenance Summit you will decode new strategies that will aid cost-effective production and maintenance procedures, increase business agility, effectively mitigate plant risk, manage unplanned downtime, and much more!

## WHO SHOULD ATTEND?

- Plant Engineers
- Asset Management Specialist
- Maintenance Planners/Schedulers
- Project Engineers
- Production Head

## MORE THINGS TO LOOK FORWARD AT:

- Delegate Diary that will give the audience an opportunity to present their views to all the attending delegates by participating in the engaging inclusive session
- Live Survey during the summit that will provide immediate feedback from the attending audience on current issues
- The Proceedings of the discussion during the summit will be then presented through a whitepaper post the event
- We will also work very closely with the association of the manufacturing industry to bring out the complexity and solutions of each of the segments
- Networking meetings with the key industry leaders in from the sector



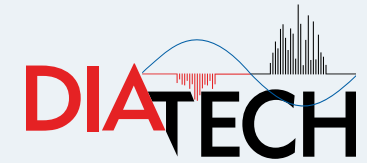


## SUPPORTING PARTNERS

**Hofincons**  
A Division of Qness Corp Limited



**Ayasta**



## MEDIA PARTNERS

THE ECONOMIC TIMES  
**POLYMERS**

THE ULTIMATE GUIDE TO PROFITABLE MANUFACTURING  
**MACHINIST**

## KNOWLEDGE PARTNER



**For further details, contact:**

M: +91 8268 002 168

E: [partnership@et-wcm.com](mailto:partnership@et-wcm.com)

[www.et-wcm.com](http://www.et-wcm.com)