

SYMPOSIUM ON AUTOMATION & ROBOTICS



IN RETROSPECT



Smart Manufacturing is envisioned as the future of manufacturing. It integrates human ingenuity coupled with data and technology to revolutionize the development and application of manufacturing intelligence to all aspects of the business.

'Automation' is the key element in Smart Manufacturing technology adoption process, to enhance productivity and reliability, improve quality, reduce costs and effectively manage the complexities of varying business cycles. While elements of automation systems are continuously evolving with increasing capabilities, the system integrators and users of automation need to update themselves on skillful adoption of various technologies, for the successful development of automation solutions.

To address and understand the real-time benefits and applications of automation in Smart Manufacturing, IMTMA organizes Symposium on Appropriate Automation in Indian Context every year.

The symposium focuses on Automation, Robotics, Artificial Intelligence, Machine Learning, Control Solutions, and so on and brings together the manufacturing fraternity on a common platform to discuss related issues.

LEADERS SPEAK



Mr. Shekar Viswanathan
Vice Chairman & Whole Time Director,
Toyota Kirloskar Motor Pvt. Ltd.



Mr. Arunkumar Janarthanan
Director, Frost & Sullivan's
Middle East, North Africa and South
Asia region



Mr. Rahul Gangal
Partner,
Roland Berger



Mr. Dattatri Salagame
Vice President & Head of Digital
Business, Robert Bosch
Engineering & Business Solutions

FEATURES

- Application Case Studies
- Technical presentations
- Keynote Presentations
- Plant visits
- Panel discussions





FOCUS AREAS

- ▲ Smart & Cost effective automation
- ▲ Flexible collaborative Robots
- ▲ Smart sensing and vision systems
- ▲ Machine learning
- ▲ IIoT of Robots
- ▲ Connected factory
- ▲ Manufacturing intelligence
- ▲ Designing and implementing complete line automation
- ▲ Big data analytics
- ▲ Optimising and Re-engineering solutions
- ▲ Smart logistics
- ▲ Virtual manufacturing
- ▲ Vision system for 3D/Bin packing
- ▲ Flexible and multiple gripping
- ▲ Industry 4.0
- ▲ MT Connect

KEY TAKEAWAYS

- ▲ Listen to keynote presentations from industry leaders
- ▲ Get insights into the latest developments in Automation and Smart Manufacturing
- ▲ Exchange new ideas & concepts – Knowledge networking
- ▲ Ideal platform to interact and network with several manufacturing professionals

PRESENTING COMPANIES

- ▲ Ace Micromatic Manufacturing Intelligence
- ▲ Arc Advisory Group
- ▲ Beumer India
- ▲ Cognex
- ▲ Fanuc India
- ▲ Festo Controls
- ▲ Grind Master Machines
- ▲ Gudel
- ▲ ifm Electronic India
- ▲ New Engg. Enterprises
- ▲ PARI
- ▲ Pepperl + Fuchs
- ▲ Renishaw Metrology Systems
- ▲ Robert Bosch Engineering & Business Solutions
- ▲ Rockwell Automation
- ▲ Sansera Engineering
- ▲ Schuler India
- ▲ Schunk Intec
- ▲ Siemens Industry Software
- ▲ SMEW Textile Machinery
- ▲ TAL Manufacturing Solutions
- ▲ Titan Engg. & Automation
- ▲ Toyota Kirloskar Auto Parts
- ▲ Universal Robots





PARTICIPANT'S PROFILE

- CEOs
- Top Management
- Senior Executives
- R&D Specialists
- Practicing engineers
- Technologists & Consultants

INDUSTRY SECTOR PARTICIPATION

- Automobile & auto components
- Aerospace
- Defence & Railways establishments
- Machine tools & Tool rooms
- Consumer durables
- General Engg. and other capital goods manufacturing industries.

PARTNERING COMPANIES

 Pepperl + Fuchs	 Schunk Intec	 AceMicromatic Manufacturing Intelligence Technologies	 Felsomat	 Festo Controls	 m2nxt
 Renishaw Metrology	 Schneeberger	 Siemens Industry Software	 TAL Manufacturing Solutions	 Universal Robots	 IFM Electronic

ABOUT IMTMA

IMTMA was formed in 1946 when 19 machine tool manufacturers joined hands to form an association. Over a period of around 75 years it has grown in size to represent around 90% of the organized machine tool and allied equipment manufacturers in India. IMTMA is the apex body and single point of contact for the entire machine tool industry of India and plays a critical role in the development of the metalworking industry. A not-for-profit association, IMTMA's initiatives range from government advocacy to industry and export promotion, trade fairs and events, training and seminars, technology missions, publication of various industry and technical writings, structuring of regional councils, and development of clusters.



Indian Machine Tool
Manufacturers' Association
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