

Symposium on Automation & Robotics 2024

25 - 26 September 2024: Pune



Indian Machine Tool Manufacturers' Association (IMTMA) organized 'Symposium on Automation & Robotics 2024' at Hotel TipTop International in Pune. The 7th edition of the Symposium featured interesting panel discussions and presentations by industry leaders from various sectors on automation and robotics.

Over 300 delegates representing around 100 companies participated in the symposium. The exhibition held alongside the conference attracted visitors who could view the products and technologies on display and engage in technical deliberations during the conference.

The symposium was inaugurated by Mr. Subrata Karmakar, Head - Robotics Business, ABB India, Mr. Rahul Yadav, Vice President - Manufacturing Excellence, Lean, IoT, Automation, Anand Automotive, Mr. Vikram Salunkhe, Managing Director, Accurate Gauging & Instruments Pvt Ltd, and Ms. Ingrid Rasquinha - Jt. Managing Director, Electropneumatics & Hydraulics (I) Private Limited.

Mr. Rajendra S. Rajamane, President - IMTMA, Mr. Jibak Dasgupta, Director General & CEO - IMTMA, and Mr. Guru Prasath, Executive Director - IMTMA also shared the dais.



Delegates participating in the Symposium on Automation and Robotics 2024

The topics of discussions and presentations covered artificial intelligence, automation, laser welding, sensors for Industry 4.0, robotics, machine learning for manufacturing, digital manufacturing, cobots, and the use of digital imaging, among others. The sessions highlighted new developments in human-centric automation.

Mr. Karmakar delivered a keynote address on 'Embracing Automation - Global and Indian Perspective and India's Way Forward'. Mr. Yadav gave a keynote address on 'Automation approach to master process and quality for Indian manufacturers and machine designers'.

Industry experts made presentations on:

- Start-up Opportunity – case study on Innovation and Self-reliance, ARTPARK @ IISc
- Robotics and Automation for enhancing efficiency and productivity
- Industrial Automation and Robotics- Global application perspective
- Smart Automation: For Factory of the Future
- Easy way of Robotics - Industry connect
- A Case study on Light out factory
- Make your sensor application easier, efficient and precise through innovative approach
- Automation @ Sustainability
- Optimising Energy along with resource consumption and achieving remote monitoring

- Digitalisation solutions: improving productivity and delivering bottom line performance
- Ease of Digitalization for Enhancing Efficiency
- AI based Image Analytics for Process Monitoring in Galvanizing

Panelists from Ashok Leyland, Bajaj Auto, C4i4 Lab, FANUC India, Festo India, Leuze Electronic, Maxbyte Technologies, Rittal India, SCHUNK Intec India, Tata Motors, Titan Engineering and Automation Limited participated in a panel discussion. The discussions focused on challenges and opportunities in adopting automation and skilling and upskilling the workforce, building a future-ready talent pool for automation and robotics.

The symposium holds significance and is crucial for young engineers to embrace automation and robotics technologies, according to industry experts.