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New Exhibition Hall, Chennai Trade Centre

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**B. A brief report on the event by the Participating Faculty Member**  
**(In about 500 words)**

**INTRODUCTION:**

The 2nd Regional Automation Expo, Automation Expo South 2025, was held at the Chennai Trade Centre from 06.03.2025 to 08.03.2025. This event marked a significant milestone in the field of automation and smart manufacturing. Two faculty members from the MCO Department visited the Automation Expo on 08.03.2025. With over 250 global exhibitors and an impressive turnout of industry professionals, innovators, and technology enthusiasts, the expo served as a dynamic hub showcasing the latest advancements and trends in automation. It provided a unique platform for networking, collaboration, and knowledge-sharing among key stakeholders in the industry.

**EVENT HIGHLIGHTS:**

- 1. Innovative Exhibitions:** The expo featured a comprehensive showcase of cutting-edge technologies, including robotics, AI-driven systems, industrial IoT, digital twin solutions, and advanced control systems. Companies from around the world presented their latest innovations, demonstrating their potential to revolutionize industrial processes and manufacturing efficiency.
- 2. Special Zones:** Dedicated thematic zones enhanced the visitor experience, allowing attendees to explore specific areas of automation in depth:
  - **Startup Zone:** Featured emerging companies presenting disruptive automation solutions.
  - **Machine Vision Zone:** Focused on AI-powered inspection systems and imaging solutions for quality control.
  - **Robotics Zone:** Highlighted advancements in robotic automation, collaborative robots (cobots), and autonomous systems.
- 3. Networking Opportunities:** The event facilitated meaningful interactions among professionals, investors, and business leaders,

fostering collaborations and partnerships. Structured networking sessions and business matchmaking opportunities enabled participants to explore potential collaborations and investment avenues.

**4. Sustainability Focus:** A strong emphasis on sustainability was evident throughout the expo. Several exhibitors showcased eco-friendly automation solutions aimed at reducing energy consumption, minimizing waste, and improving operational efficiency. Innovations in green manufacturing and sustainable industrial practices were key highlights, reinforcing the role of automation in achieving environmental goals.

#### **CONCLUSION:**

The 2nd Regional Automation Expo, Automation Expo South 2025, at the Chennai Trade Centre, emerged as a resounding success, reaffirming its status as a premier platform for showcasing the latest advancements in automation and smart manufacturing. Bringing together industry leaders, and automation enthusiasts, the event facilitated valuable exchanges of knowledge and ideas. With its diverse exhibits, engaging workshops, and strong emphasis on innovation and sustainability, the expo not only reflected the current state of automation but also provided a compelling vision for its future. It was an indispensable experience for professionals and organizations striving to stay ahead in the evolving industrial landscape.



## C. Photo Gallery

