



REPORT

Name of the Activity	Industrial Visit at "Automation Expo 2026"		
Date & Time	11AM	Department/Committee	BE MECHANICAL
Venue	BEC, Goregoan, Mumbai	No. of Participants	20
Nature of Activity	Technical Exhibition	Mode of Activity	Offline
Name of Activity In-charge	Mr. Parag V. Nikam	Name of Activity Coordinator	Mr. Uday Prajapati
Name and Affiliation of Resource person	IED Communications Ltd.		

Details of Activity:

As a part of the academic curriculum and to bridge the gap between theoretical knowledge and industrial applications, the Department of Mechanical Engineering, St. John College of Engineering & Management (SJCEM), organized an industrial visit to **Automation Expo 2026** on **Friday, 24th July 2026**, at the **Bombay Exhibition Centre (BEC)**, **NESCO**, **Goregaon East**, **Mumbai**.

Automation Expo 2026 is one of Asia's largest exhibitions dedicated to industrial automation, robotics, Industry 4.0, Artificial Intelligence (AI), Industrial Internet of Things (IIoT), process automation, machine vision, motion control, hydraulics, pneumatics, and smart manufacturing technologies. The expo was held from **22nd to 25th July 2026** and showcased cutting-edge industrial solutions from leading national and international companies.

Activity Information:

Objectives	The primary objectives of the visit were: • To expose students to the latest trends in industrial automation. • To understand the practical implementation of Industry 4.0 concepts. • To observe modern manufacturing technologies and smart factory solutions. • To interact with industrial experts and technology providers. • To gain knowledge about robotics, sensors, PLCs, SCADA systems, and IIoT. • To understand the future scope of automation in mechanical engineering industries.
Target Audience	BE Mechanical Engineering Students



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Autonomous Institute

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Methodology	Automation Expo 2026 featured more than 2,000 exhibitors and over 40,000 product showcases spread across multiple exhibition halls. The exhibition covered technologies such as: • Industrial Robotics • Artificial Intelligence (AI) • Industrial Internet of Things (IIoT) • PLC & SCADA Systems • CNC Machine Automation • Motion Control Systems • Smart Sensors and Instrumentation • Machine Vision Systems • Additive Manufacturing (3D Printing) • Pneumatic and Hydraulic Automation • Process Automation • Cybersecurity for Industrial Systems • Digital Manufacturing Solutions The event highlighted the theme "The Shape of Things to Come," emphasizing digital transformation, sustainability, AI-driven manufacturing, and smart factories.
Outcomes	The industrial visit helped students gain practical knowledge in the following areas: • Application of automation in manufacturing industries. • Working principles of PLCs, SCADA, and industrial control systems. • Integration of robotics with mechanical systems. • Importance of Industry 4.0 in modern manufacturing. • Use of AI and IIoT for predictive maintenance. • Industrial communication protocols. • Smart manufacturing techniques. • Career opportunities in automation and robotics. Students also understood the increasing demand for multidisciplinary skills involving mechanical engineering, electronics, programming, artificial intelligence, and industrial networking.



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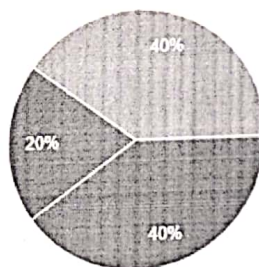
SWOT Analysis of the Event:

Strength	Weakness	Opportunity	Threats
Excellent exposure for Automation Industry, Students got to see the Robotic Equipment, Automated Material Handling systems, Job Seekers, Internship opportunities at Big companies	Due to issues for Students visit less students were able to enter and attend,	There were many Job Seekers, Internship opportunities at Big companies observed	Company locations, Salary, Internship payments etc.

Feedback Analysis: *Feedback in graphical form*

How would you rate your overall experience?

25 responses



- Excellent
- Very good
- Good
- Fair
- Poor

Geo-Tagged Photo





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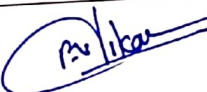
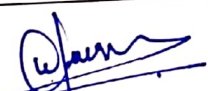
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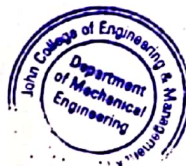
Proofs & Documents Attached (Tick mark the proofs attached) :

☒	Notice / Brochure	☒	Feedback Analysis
☒	Attendance list	☐	News letter data for Spectrum
☒	Photos	☒	Media News Details
☐	Certificate	☐	CO-PO Mapping
☐	Feedback Form	☐	Any Other

Prepared By	Checked By
Name & Dated Signature of Coordinator	Name & Dated Signature of Committee In-charge
 Mr. Parag V. Nikam, (Faculty Coordinator)	 Mr. Uday Prajapati (In-Charge IV, Mechanical Dept.)

Date of Activity: 24th July 2026
Date of Report Submission: 25th July 2026
Reason for delay if any: NA

Date: 25th July 2026




Approved By
HOD Signature

