



# Vivekanand Education Society's Institute of Technology

(An Autonomous Institute Affiliated to University of Mumbai, Approved by AICTE & Recognized by Govt. of Maharashtra)

## Department Of Computer Engineering Industrial Visit (2025-26 )

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
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| Name of Department               | Department Of Computer Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Date of IV                       | 27th September,2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Name and address of Industry     | <b>Drone Expo &amp; Conference 2025</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Class Visited                    | Third Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Number of students visited       | <b>150 Students- CMPN <a href="#">Attendance Link</a></b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Number of staff visited          | 04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Profile of Industry (in short)   | R&D and Innovation ,Design thinking and critical thinking                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Objective of Visit               | <ol style="list-style-type: none"> <li><b>Drone Expo held at NESCO, Goregaon – Bombay Exhibition Centre, Mumbai.</b> The event showcased cutting-edge drone technologies, including <b>Thermal Drones, Army Drones, Underwater Drones, Lightweight Drones, and Drone Parachutes.</b></li> <li>The exhibition highlights the <b>technologies used, their importance, and practical applications</b> in diverse sectors such as defense, surveillance, agriculture, industrial inspection, logistics, and disaster management.</li> <li>The expo illustrated how drones are becoming an essential part of modern technological ecosystems, combining <b>aerospace engineering, artificial intelligence, robotics, and safety mechanisms</b> to meet global needs.</li> </ol> |
| Outcome of Visit                 | <ol style="list-style-type: none"> <li>Students are able to gain Practical Knowledge.</li> <li>Students are exposed to a real working environment.</li> <li>The gap between theoretical learning and practical exposure is bridged by industrial visits.</li> <li>Students get a platform to enhance their interpersonal skills.</li> <li>Students get to see the best practices opted by different companies for similar work.</li> </ol>                                                                                                                                                                                                                                                                                                                                 |
| IV report : <a href="#">here</a> | Brochure: <a href="#">here</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |



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| Name of Department             | Department Of Computer Engineering                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Date of IV                     | 14 August 2025                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Name and address of Industry   | <b>Automation Expo 2025 Industrial Visit<br/>Innovation Through Ideas</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Class Visited                  | Second Year                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Number of students visited     | <b>180 Students- CMPN</b> <a href="#">Attendance Link</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Number of staff visited        | 05                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Profile of Industry (in short) | Automation Expo 2025, held at the Bombay Exhibition Centre in Mumbai, was a premier event showcasing the latest technologies in industrial automation, IoT, AI, and robotics. During the visit, stalls such as PI Incorporation, Zoho IoT, Atreyo, Frinks AI, Advantech, Robro, Hikrobot, and others presented live demonstrations and product insights, ranging from SCADA simulations and IoT gateways to AI-powered inspection systems and smart robotics.                                                                                                                                                                                       |
| Objective of Visit             | <ol style="list-style-type: none"> <li>1. The objective of attending the expo was to explore practical applications of automation technologies and understand how industries are adopting AI, IoT, and robotics for efficiency and innovation. Through direct interaction with exhibitors, the program aimed to connect academic knowledge with real-world industrial practices, while also identifying opportunities for future workshops and collaborations.</li> <li>2. Expose students to cutting-edge automation, AI, IoT, and robotics for real-world industrial insight.</li> </ol>                                                          |
| Outcome of Visit               | <ol style="list-style-type: none"> <li>1. Students gained a clear understanding of how satellite communication functions, from signal transmission to reception, and the role of satellites in global connectivity</li> <li>2. Students were able to relate classroom knowledge of communication systems and networking to real-world satellite communication, enhancing their practical understanding of these technologies.</li> <li>3. Students became familiar with key infrastructure components such as antennas, receivers, and transmitters, helping them understand how these systems operate within a satellite earth station.</li> </ol> |



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|                                  | 4. Students acquired insights into the technologies employed for long-distance communication, improving their knowledge of how satellite links support telecommunication networks. |
| IV report : <a href="#">here</a> | Brochure: <a href="#">here</a>                                                                                                                                                     |