



Bansilal Ramnath Agarwal Charitable Trust's


# VISHWAKARMA INSTITUTE OF TECHNOLOGY, PUNE

(An Autonomous Institute Affiliated to Savitribai Phule Pune University)



|                                     |   |
|-------------------------------------|---|
| <b>Name of The Program</b>          | <b>Industry Visit to TechnoSoft Technology Pvt. Ltd.</b>  |
| <b>Project Title</b>                | <b>VisuCode: A Hybrid Visual-Textual Programming Environment for Multi-Language Code Generation</b> |
| <b>Date &amp; Time</b>              | <b>12/03/2026, 10:30 AM</b>   |
| <b>Mode</b>                         | <b>Offline</b>  |
| <b>Guide</b>                        | <b>Mr. Sandip Bobade</b>  |
| <b>Industry Mentor</b>              | <b>Mr. Amol Jadhav</b>  |
| <b>No. of students participated</b> | <b>4</b>  |
| <b>Group Member Names</b>           | <b>Ayush Kulkarni, Anay Bhad, Ameya Kasetwar and Atharav Kasture</b>                                |
| <b>No. of Faculty participated</b>  | <b>1</b>  |

|                            |   |
|----------------------------|---|
| <b>Report of the event</b> | <p>An industrial visit was conducted to Technosoft Industry to gain practical exposure to industrial operations and modern technologies. During the visit, we interacted with the manager and presented our project. We received valuable feedback and suggestions for improvement, particularly focusing on developing automation-based solutions using Artificial Intelligence (AI) and Machine Learning (ML).</p> <p>The experts guided us on selecting industry-relevant projects, emphasizing real-world problem-solving, scalability, and structured development approaches. The company provided an overview of its work, highlighting its role in delivering AI/ML-based solutions to improve efficiency and reduce manual intervention in industries.</p> <p>We were also introduced to current market trends and future industry needs, such as the growing demand for automation, smart systems, and advanced quality control mechanisms. The company showcased several projects, including an automatic defect detection system that uses AI/ML techniques to identify defects in industrial products, improving accuracy and reducing inspection time.</p> <p>Overall, the visit provided valuable insights into industrial practices and the practical application of AI and ML, helping us understand how to align our academic projects with industry requirements.</p> |
|----------------------------|---|

|   |   |
|---|---|
| <b>Objectives of the Program</b>        | <ul style="list-style-type: none"> <li>• To understand how industries operate in real-world scenarios</li> <li>• To gain insights into AI and ML applications in industrial environments</li> <li>• To receive expert feedback on our academic project</li> <li>• To learn about current market trends and future industry requirements</li> </ul>  |
| <b>Benefits to students and Faculty</b> | <p><b><u>For Students</u></b></p> <ul style="list-style-type: none"> <li>• <b>Practical Validation:</b> Moves beyond theory to see AI/ML (like defect detection) solve real-world problems.</li> <li>• <b>Project Refinement:</b> Receives industry-standard feedback on <b>scalability</b> and <b>structured development</b>.</li> <li>• <b>Career Readiness:</b> Identifies high-demand skills like <b>automation</b> and <b>smart systems</b> to stay competitive.</li> </ul> <p><b><u>For Faculty</u></b></p> <ul style="list-style-type: none"> <li>• <b>Curriculum Alignment:</b> Helps update teaching modules to match current <b>market trends</b> and industrial needs.</li> <li>• <b>Research Direction:</b> Focuses academic projects on high-impact, <b>automation-based solutions</b>.</li> <li>• <b>Industry Networking:</b> Builds a bridge for future internships, guest lectures, and placement opportunities.</li> </ul> |
| <b>Publicity</b>                        | NA  |
| <b>Photograph</b>                       |   |
| <b>Photograph</b>                       | <p>Event Photographs (Geo-Tag)</p> <div style="text-align: center;">  </div> <div style="background-color: black; color: white; padding: 10px; margin-top: 10px;"> <p><b>Bavdhan, Maharashtra, India</b></p> <p>Technosoft Engineering Projects Ltd. (Pune) Survey Number 52, M-Connect 8th Floor 53 &amp; 55, Bengaluru - Mumbai Hwy, near LMD chowk, Vaidehi Enclave, Bavdhan Pune, Maharashtra 411021, India</p> <p>Lat: 18.511113° Long: 73.772725°<br/>12/03/2026 10:40 AM GMT +05:30</p> </div>   |



## Bavdhan, Maharashtra, India

Technosoft Engineering Projects Ltd. (Pune) Survey Number 52,  
M-Connect 8th Floor 53 & 55, Bengaluru - Mumbai Hwy, near LMD  
chowk, Vaidehi Enclave, Bavdhan Pune, Maharashtra 411021, India  
Lat: 18.511113° Long: 73.772725°  
12/03/2026 10:40 AM GMT +05:30