



Industrial Visit Review

Industry Visited: MicroSpectra Software tech. Pvt. Ltd, Shegaon

Date of Visit: 29-09-2025

Time: 11:00 am to 5:00 pm

About the Industrial Visit:

The industrial visit to MicroSpectra Software Tech. Pvt. Ltd., Shegaon was an informative and interactive session that provided students with valuable insights into the IT industry, software development life cycle, and testing methodologies used in real-world projects.

The session began with an introduction to the company, its vision, and the various software solutions developed by MicroSpectra. The resource persons gave an overview of how modern IT companies work on projects from requirement gathering to deployment. Students learned about the frontend and backend technologies commonly used in web and mobile application development, including HTML, CSS, JavaScript, PHP, and database management using MySQL.

A detailed discussion was held on software testing and quality assurance. The experts explained the difference between manual and automation testing, and demonstrated tools used in the testing process. The participants were also introduced to project management tools and version control systems like Git, which are essential in collaborative software development.

Furthermore, the speakers discussed the importance of teamwork, communication, and project documentation in IT projects. Students were encouraged to ask questions related to software design, client interaction, and career opportunities in the IT field. The interactive nature of the session helped participants understand the practical applications of concepts learned in academics.

Overall, the visit to MicroSpectra Software Tech. Pvt. Ltd. was a valuable learning experience that helped students understand the working environment of an IT company and the professional skills required to build a successful career in software development.

Topics Covered

- Overview of IT Company Work Culture
- Software Development Life Cycle (SDLC)
- Frontend and Backend Technologies

- Manual and Automation Testing
- Project Management Tools
- Version Control (Git & GitHub)
- Importance of Teamwork and Communication in IT

PHOTOS





