

Report on INDUSTRIAL VISIT

“VST Tillers and Tractors LTD-Malur”

Department of Mechanical Engineering, MVJ College of Engineering, organized an industrial visit to Vst Tillers Tractors LTD-Malur. Mr. Sharath S, Senior Engineer, was the point of contact from Industry for the Industrial Visit.

Overall 35 students of 8th semester along with Faculty coordinator Prof. Shivakumar H D and Prof. Vinoth kumar G reached the company premises at 1:30 p.m. All the company safety protocols were submitted at the company reception and students marched with discipline and in queue into the company’s lounge along with the visitor ID cards provided by the company authorities.

The students along with the faculty member were received by **Mr. Sharath S**, Senior Engineer and were briefed about the day’s agenda.

The students and faculty member then assembled at the Conference Hall and Do’s and Don’ts in the company premises were briefed to the students followed by the introduction of the company by **Mr. Sharath S**.

Mr. Vikram Singh –Security head briefed about the safety protocols and all safety tools were issued to the students before visiting the company facilities.

The industrial visit started at 2:30 pm. The students and faculty member were taken to **Engine Assembly Shop**. The students were briefed about all the tools and equipment’s in the shop was explained by the department Senior engineer **Mr. Sharath S**, .

This was followed by the visit to **Transmission Assembly division**. The engineer **Mr. Narayan Bhat** explained about the Power transmission in Machines at the division.

At 3:30 p.m. the students and faculty members were taken to **Roll of area and Dispatch area**. The students were briefed about all the tools and equipment's in the department and the process of testing was explained by the Senior Executive Engineer **Mr. Praveen**.

The departmental heads gathered back at Conference Hall for Question and Answer session, followed by feedback. The students were expressed their gratitude. The Industrial visit provided a great insight into the technical and process machinery of IC engine and testing equipment's. On behalf of college Prof. Shivakumar H D conveyed our thanks to the company officials for Industrial Visit.

The Industrial Visit concluded with a Group Photo at the Company entrance gate. Finally the students and faculty members departed from the company to the college and then dispersed to their respective homes.

Outcomes of the Industrial Visit:

- The students were able to understand the design and manufacture of I C Engine components and the ability to build and integrate entire systems in the Tillers and Tractors.
- The students had an overview of the design and development center involved in several critical projects focused on the design of complicated Agricultural Equipment and systems.
- They were also exposed to the process of establishing a state-of-the-art qualification laboratory for testing components for all types of materials like hardness testing the quenching process.

- The student's interaction with the test engineers involved in Diesel engine testing, qualification testing, legacy test software conversion, build-to-print systems, and support and simulation provided an insight into the latest research avenues in the agricultural innovation.
- The Co-ordinate Measurement Machines test facilities gave in detailed overview of the information generated by computers and precision motion control .



Photograph 1: Students and Faculty Members at Entrance gate of VST Tillers and Tractors LTD-Malur.



Photograph 2: Students and Faculty Members with VST staff at Entrance gate of VST Tillers and Tractors LTD-Malur.