



Department of Mechanical Engineering

Industrial Visit Report

Name of Industry: Hitachi Astemo India Private Limited

Course Specific Subject: Automobile Engineering (7ME05)

Date: 08/02/2026

Total Number of students: 37

Total Number of faculty: 04

An industrial visit was arranged by T&P and the Mechanical Engineering Department for the students on the 8th of February. During the visit, students learned about the Hitachi Automotive systems that function as the automotive business and the name change from Hitachi Astemo Ltd. to "Astemo Ltd." It was established in January 2021 in a merger among Honda Group suppliers Keihin, Showa, and Nissin Kogyo.

There students learn about the manufacturing processes of automobile parts such as brake systems, suspension components, machining operations, assembly lines, quality inspection methods, and modern automation practices used in automobile engineering. 1) Powertrain systems such as the motor and inverter for EV and the battery control unit 2) Fuel systems such as high-pressure fuel pumps 3) Intake/exhaust systems such as air flow sensors, intake pressure control valves, and intake manifolds 4) Engine components and subsystems such as cooling channel pistons and valve timing control systems 5) Chassis systems 6) Steering systems.

For this visit 1) Prof: S S Thakur 2) Prof: V. M Gawali, 3) Prof : D. B Vaitkar and 4) Prof : D. Shrekar was present



Name of Industry: Innova Rubbers pvt.ltd, Nashik

Course Specific Subject: Manufacturing Technology (3ME201PC)

Date: 09/02/2026

Total Number of students: 37

Total Number of faculty: 04

An industrial visit was arranged by T&P and the Mechanical Engineering Department for the students on the 9th of February. During the visit, students learned about Innova Rubbers Pvt Ltd. The company was established in the mid-1990s (operations since 1994) and serves automotive OEMs and allied industries.

Innova Rubbers Pvt. Ltd. is a manufacturer of rubber-molded and rubber-to-metal-bonded automotive and industrial components, specializing in NVH (noise, vibration, and harshness) solutions such as engine mounts, body mounts, bushes, vibration dampers, strut mounts, exhaust hangers, etc.



Name of Industry: KSB Pumps Private Limited

Course Specific Subject: Fluid Mechanics (4ME210PC)

Date: 09/02/2026

Total Number of students: 37

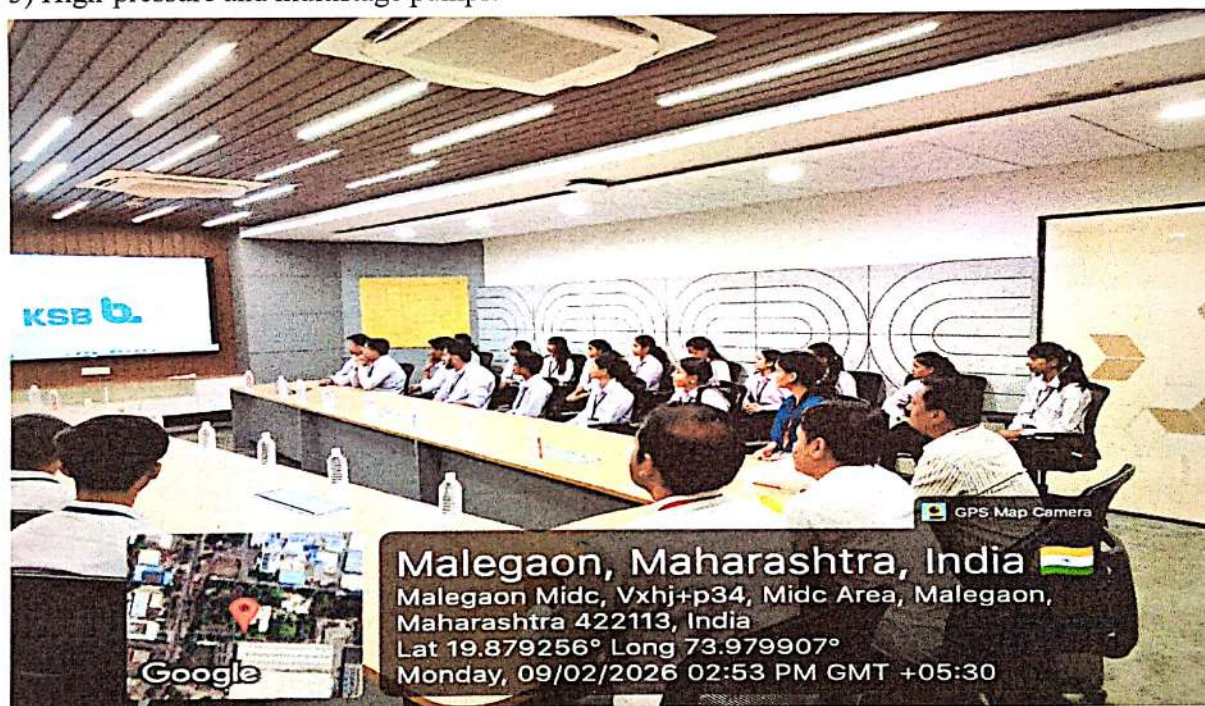
Total Number of faculty: 04

An industrial visit was arranged by T&P and the Mechanical Engineering Department for the students on the 9th of February. During the visit, students learned about KSB Pumps Ltd. This company was established in 1960. The company is a major manufacturer of industrial pumps and valves.

1) Centrifugal pumps (for water supply, irrigation, and building services)

2) Industrial Pumps (for Chemicals, Petrochemicals, and Heavy Industries)

3) High-pressure and multistage pumps.



Prof S S. Thakur

Visit In charge

Dr. R.B. Ingle

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