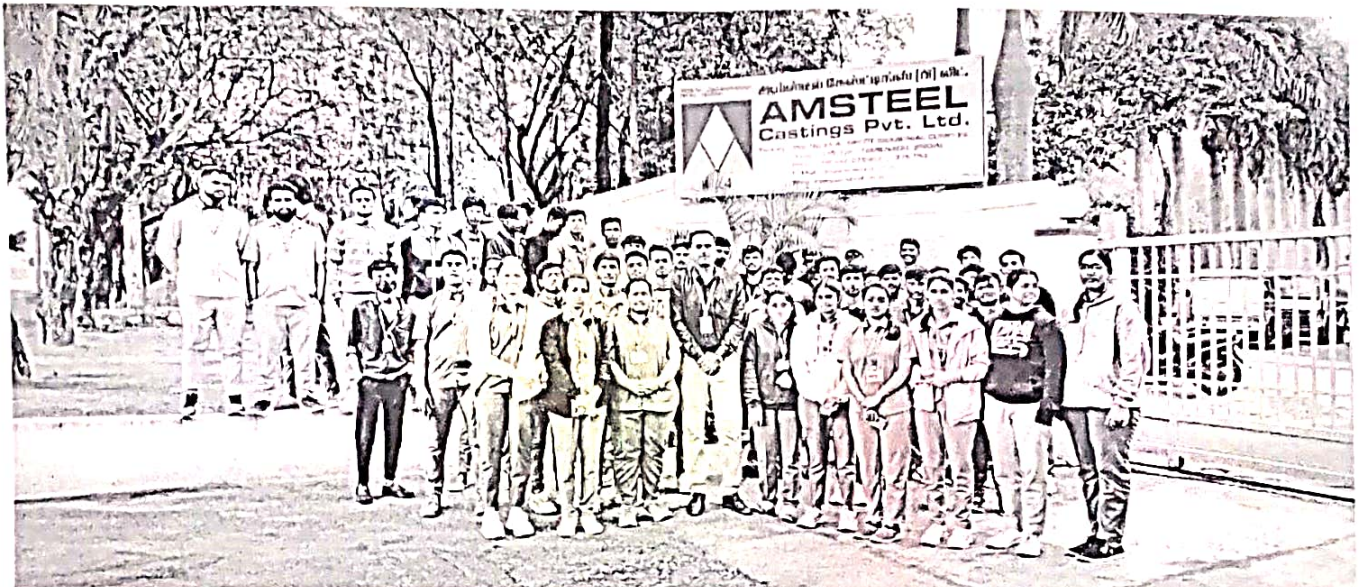
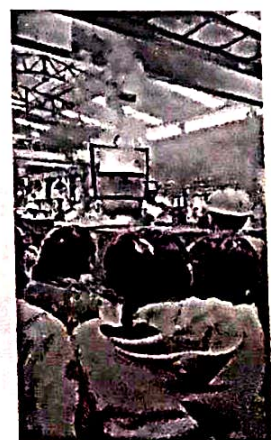




INDUSTRIAL VISIT - REPORT



The Department of Mechanical Engineering has organized an industrial visit for all of our mechanical engineering students, Mr. V Pandiyarajan AP/Mech, SSCE and Mr. Nagappa Office Assistant accompanied the students for industrial visit on 13/12/2024 by Morning 10.00Am. Around 52 students are participated in the visit. Importance of castings, moldings, machining process of various valves was discussed and information's were clearly given by AM Steels team members.





SAIRAM
COLLEGE OF ENGINEERING
Anekal, Bengaluru

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DEPARTMENT OF
MECHANICAL ENGINEERING




INDUSTRIAL VISIT 2024 - REPORT


- Amsteel is a leading global supplier of specialty steel and nickel based castings. Structured as a privately held family business with its first facility launched in 1981, the Amsteel Group is now over a 400 people strong company with 4 facilities located in Hosur, Tamil Nadu on the outskirts of Bangalore.
- Wide range of induction furnaces have the capability of producing castings ranging from a few grams up to 5 tons in single piece weight
- They supply raw and machined castings to over 20 countries around the globe in various carbon steel, alloy steel, stainless steel, duplex stainless steel and nickel based alloys. A list of our existing grade portfolio can be downloaded using the link below. This list is ever-expanding with new ASTM, DIN, IS, BS, JIS and other customer specific grades added each year.
- In addition, they also assist customers with developing new alloys in case of special requirements.
- Their moulding technology is driven by our requirements of high quality, high productivity and cost effectiveness.
- They boast an expertise in 4 types of moulding methods - sodium silicate & carbon dioxide, alkaline phenolic, shell moulding and a colloidal silica system for investment castings.
- With the ever increasing demand for fully machined castings, we house a state-of-the-art machining facility with a wide variety of high accuracy CNC turning and milling machines.
- Laboratories are amongst the few in the Country that are accredited to the ISO 17025 by the National Accreditation Board for Testing and Calibration Laboratories (NABL). Our facilities can cater to wide array of Mechanical and Chemical Testing required by American and European specifications.
- They have an assortment of gas fired and electric in-house heat treatment furnaces capable of achieving 1250°C. The furnaces are calibrated as per API 6A and NORSOK certified with automatic quenching facilities and a maximum capacity of 6 tons

I also thank our Principal Dr. B. Shadaksharappa, Chief Operating Officer Dr. R. Arunkumar and Dr. V. Balaji, Head of the Department for motivating and extending fullest support for attending this program.

V - 
14/12/24
IV - Coordinator

V - PANDEYA RAJAN AP/MECH


14/12/2024


14/12/24
Head of the Department