Event name/Industrial visit:- HMT MACHINE TOOLS LIMITED
Venue:- Jeedimetla
Date:- 22-02-2018
No of attendees :- 42 (2 faculty +40 students)

Summary:-
About HMT.

HMT Founded in 1953, with state-of-art technology as its key strength acquired from world leaders in machine tools, offers a wide array of high technology machine tools solutions to cater every manufacturing requirement. HMT's wide marketing network & six manufacturing units spread across the country meets the highest customer expectations.

Visit details:-
The visit emphasize with all heavy work shop machinery, patter making and heavy metal casting. The team had visited four shops.

- Press divition
- Pattern making
- Casting
- R&D
Press division:-

Here in this work shop we have saw various types of work shop machines like planner machine, radial drilling machine, milling / boring machine, lathe machines, radial drilling machine, etc.

Pattern making:-

In this we had learnt about the heavy pattern making with the help of thermocol pattern. Different types of allowances like machine allowance and bed pattern construction, grinding of pattern and alignment of pattern.
Casting:-

In this shop we saw the casting process and also how the metal is converted into molten liquid with the help of Addi current which uses 3 phase current supply with 660 volts.
R&D:-

In this R&D department it consists of all the basic and primary utility machines like drilling machine, grinding machine, mini lathe machine, milling machine, CNC machine both lathe and milling …etc.
PHOTO TAKEN AT HMT MACHINE TOOLS

(machine photo taken from Internet)