

## School of Engineering

### DEPARTMENT OF MECHANICAL ENGINEERING

Date 05-05-2018

#### A Report on industrial visit “SAI DEEPA ROCK DRILLS Pvt. Ltd.”

The department of Mechanical Engineering arranged industrial expo visit for II<sup>nd</sup> year students, which was held on 04/05/2018.

Sai Deepa Rock Drill was Global leader in design, manufacture and services of DTH hammers, DTH bits, Top hammer tools, HDD, Rotatory and Exploration drilling tools with extensive range. They are the ultimate source of ROCK DRILLING Solutions. Sai Deepa develops world-class products using efficient raw materials and cutting edge manufacturing technology.

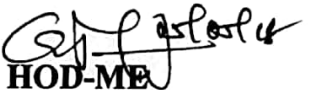
In this industry students are observed so many new technologies in manufacturing like LASER Cladding which is used to surface hardening with carbide and NI, CNC turning machines and milling machine operation with machine center and ATC.

Students are able to understand Forging; it is a manufacturing process involving the shaping of a metal through hammering, pressing, or rolling. These compressive forces are delivered with a hammer or die. Forging is often categorized according to the temperature at which it is performed—cold, warm, or hot forging

Mr. N. Chandrakanth, Mr. S. Narendhar and Mr. Vincent, along with II<sup>nd</sup> year B.Tech. Mechanical engineering students are visited the industry. The students understand the usage of latest technology like

- ✓ LASER cladding Machine
- ✓ LASER Harding Machine
- ✓ Photo Measuring instruments accuracy up to 1 micrometer
- ✓ Latest CNC control (2DOF) Gas and Plasma cutting machines.

The students returned to the college at 4.00 PM by our college buses.

  
HOD-ME

Head of the Department  
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