



## Industrial visit to Sun Casting

**Department of Mechanical Engineering**, Sai Vidya Institute of Technology, Bangalore, organized industrial visit for **3rd semester** students on **3rd OCT 2019**. As part of academic curriculum industrial visit is mandatory, in connection to this casting industry were selected from Doddaballapur industrial area.

### About the company:

Company Name: Sun Castings

Address: #48A-1, Doddaballapura Industrial Area, Yellupura, Doddaballapura (T) Bangalore-561203, INDIA.

Sun Castings is a TS-16949 certified company for manufacturing of Aluminum and zinc die castings based in Bangalore-India. Sun Casting manufacturing facilities includes 120T, 150T and 300T cold chamber die casting machine. Melting cum holding furnace with silicon carbide crucibles. Captive power and in house post die casting facility. it deals with wide range of products in

- Aerospace Parts
- Gas Regulators
- Handles
- Process Industries
- Auto Meters Castings
- Consumer Electrical Industries
- Textile Industries
- Electronic Industries

During visit, students were advised to wear laboratory uniform, also safety instructions were delivered in Safe assembly area. After a brief introduction about company, the company's General Manager (operations) demonstrated every operation which has been carried out in sun castings. Students actively participated and discussed about the casting process. Overall students felt happy and gain knowledge about aluminum die casting process. After the visit students and faculty coordinators expressed sincere thanks to Managing director, manger operations and Human Resource Head for providing this opportunity.

### CO-PO-PSO

#### SUBJECT: METAL CASTING AND WELDING

CO	PO	PSO
<b>CO3:</b> Compare the Gravity, Pressure die, Centrifugal, Squeeze, slush and Continuous Metal mold castings.	<b>PO 1</b> Engineering knowledge <b>PO 5</b> Modern tool usage	<b>PSO3:</b> Select, plan, and implement the process for manufacturing mechanical elements and for assembly of mechanical sub systems and systems.

