

**A REPORT ON INDUSTRIAL VISIT**

**TO**

**SIBAR AUTOPARTS LIMITED**

**On**

**21/07/2022**

for the

STUDENTS OF (II B.TECH, II SEMESTER,

A SECTION, MECHANICAL ENGINEERING)



**DEPARTMENT OF MECHANICAL ENGINEERING**

**SREE VIDYANIKETHAN ENGINEERING COLLEGE  
(AUTONOMOUS)**

Sree Sainath Nagar, Tirupati-517102, A.P.

An industrial visit to SIBAR AUTOPARTS LIMITED, Renigunta, Tirupati was arranged on 21.07.2022. There were a total of 59 students and 2 Staff members for the Industrial visit. The students started their journey at 9:00 am from the West gate of college campus. Before the start of the bus, the students were given instructions with respect to travel, safety and other issues. The students reached SIBAR AUTOPARTS LIMITED, Renigunta, Tirupati by 09:45 am.

We have observed lot of machines in the industry. Those machines are hot casting machines. With these machines the workers of SIBAR AUTOPARTS LIMITED manufactures different sizes(70 mm,120 mm,150 mm) Square and Round aluminium cylinders & tubes.



The industry people showed us the step by step manufacturing process. Also the functioning and operation of hot casting machines which are used to make Cylindrical shape and tubes for autoparts. The industry member of SIBAR AUTOPARTS LIMITED clearly explained about the functioning of furnace using sand. The Engineers of that factory explained about how they are getting raw

materials from various sources.

We have also observed the finishing operation using various machines. After preparing the casting products they are going to export that products through transport services.

### Impact of INDUSTRIAL VISIT

- The industry exposure helps a lot in personality development of the students. They are also exposed to industry culture and learnt how to communicate with their industry mentors, and also how to perform tasks assigned within the given time frame in an industrial setting.
- Some students get their final year major project ideas from their explanation in industrial visit and they continue to be in touch with their industry mentor.
- Student feedback is collected at the end of industrial visit.



**Dr. R. SATYA MEHER**  
Professor & Head  
Dept. of Mechanical Engineering  
Sree Vidyanikethan Engineering College  
TIRUPATI-517 102.