

VISIT TO ZONAL BUS DEPOT VIZIANAGARAM

On 28/09/2024 the students of mechanical and mechanical robotics. In the visit we visited different kind of sectors they are FIP section, engine section, electronic and electronics section, body building section, mechanical workshop. We visited every sector and we learnt the mechanical parts of bus which make it perfect and each and every part of engine and its mechanism.



This is the group of students including 2 staff members who visited the zonal workshop at Vizianagaram. The brief discussion of each sector is as bellow

1.FIP SECTION (Fuel Injector Pump):

In fuel injector pump section, we saw different type of fip's of different generation of vehicles and different company. we saw the assembly and disassembly of fuel injector pump after assembling the parts of fuel injector pump, they go for testing they have their calculations board they are based on type of fuel pump, company and different type of speeds too. If the pump meets the given calculation value practically then it will send to work.



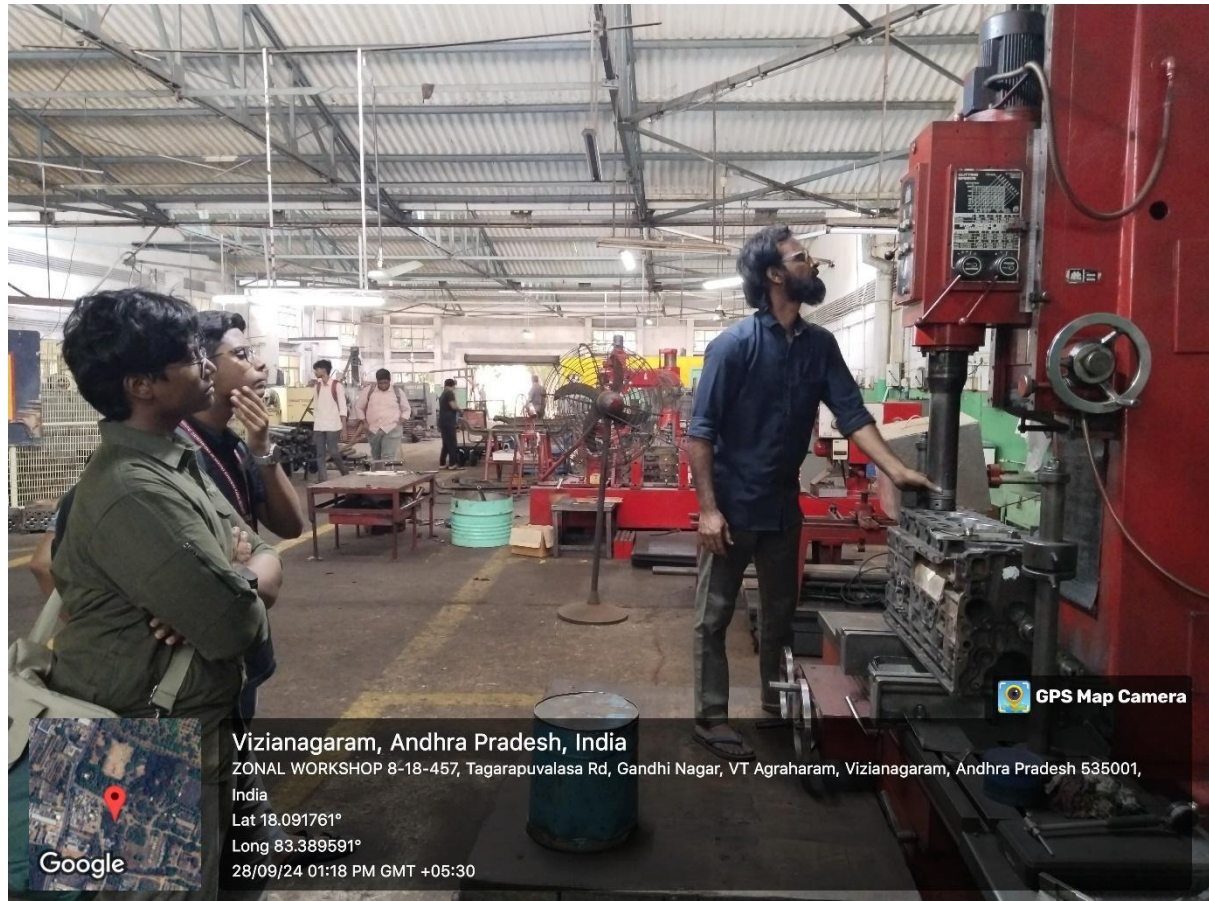
2.ENGINE SECTION

In engine section there are 6-cylinder diesel engines from BS3 to BS6. The engines are from different companies most of this section contains BS3 and BS4 vehicle engines the BS6 are the latest version of vehicles. In this section they do damage work of engines they replace parts which are damaged they check each and every part of engine if any damage is noted they are replaced by spare parts so the engine which was came to workshop was not repeated again due to their clean observation and repair.



3.ELECTRONIC AND ELECTRICAL SECTION

In this section the lights, battery, and the wiring of the bus was done any problem related to this problem is brought to this workshop is taken by this particular section. They have well trained engineers so they won't make the bus to come to workshop on this problem. If the bus came to workshop on one problem the engineers will check the overall bus wiring if there is any problem they replace with the new one and rectify the problem before it noticed by drivers



These are some of the sections which we visited. In this visit we learned about many this which help us to see the theory subject in practical way, which help us to learn and understand easily. The visit to zonal workshop at Vizianagaram gave us the knowledge how the practical life of mechanical engineer will be and how their work would be there was understood.