

WEEK 12 MECHANICAL TEAM

TASKS COMPLETED

- Tempering process
- Design of tractor cover
- Fan mounting

TEMPERING PROCESS

The process was performed at 200 degrees Celcius. This was done to toughen the core. The part is ready for use.





DESIGN OF TRACTOR COVER

The cover material is steel plate (SS sheet G201 1% Ni-1mm). The small thickness is aimed at weight reduction and ease of shaping. The fabrication process has already been thought out.

FAN MOUNTING

The electric fan is mounted above the electric motor. The mounting has been completed. The system performance will be tested in both working and travelling modes.





TASKS TO BE COMPLETED

- Acquisition of plate material
- Acquisition of pump coupling
- Fabrication of pump mount
- Paintwork
- Preparation for SRI conference