



Robotics & A.I

Worksheet

Astra project 2020

PREPARED DATE

Jan 03 2020

EXP. DATE

Mar 01 2020

Hardware Works

Work plan	No of days Required	Starting Date	Deadline	Done
Frame of vehicle	15			
Arm Frame & Design	3			
Mine test module	1			
Coil design	1			
PCB layout & Schematics	1			
Module Testing	1			
Wiring works	2			

Module Assembling	2			
Control panel design	3			
Command module design	1			
Head portion design	2			
Chassis Covering	2			
Stall current & Load testing	1			

Software Works

Work plan	No of days Required	Starting Date	Deadline	Done
Motherboard Programming	5			
Command Module Programming	2			
Control Panel programming	3			
.Net Application programming	3			
Thingspeak integration	2			
Raspberry pi & CV	3			
Cloud Database	1			



User manual & Cheatbook	1			
Manual Override programming	3			