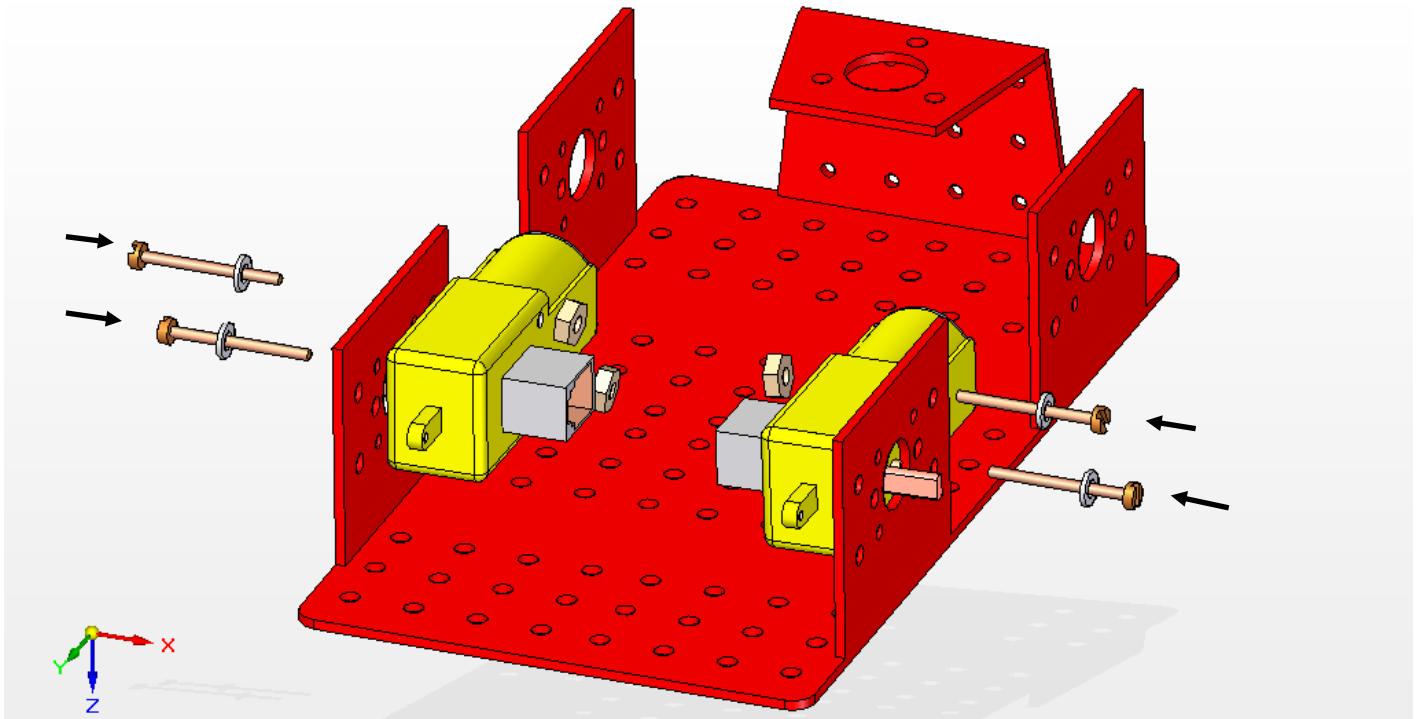# LINE FOLLOWER

   Line follower is an autonomous robot which follows either black line in white Background or white line in black area. Robot must be able to detect particular line and keep following it.
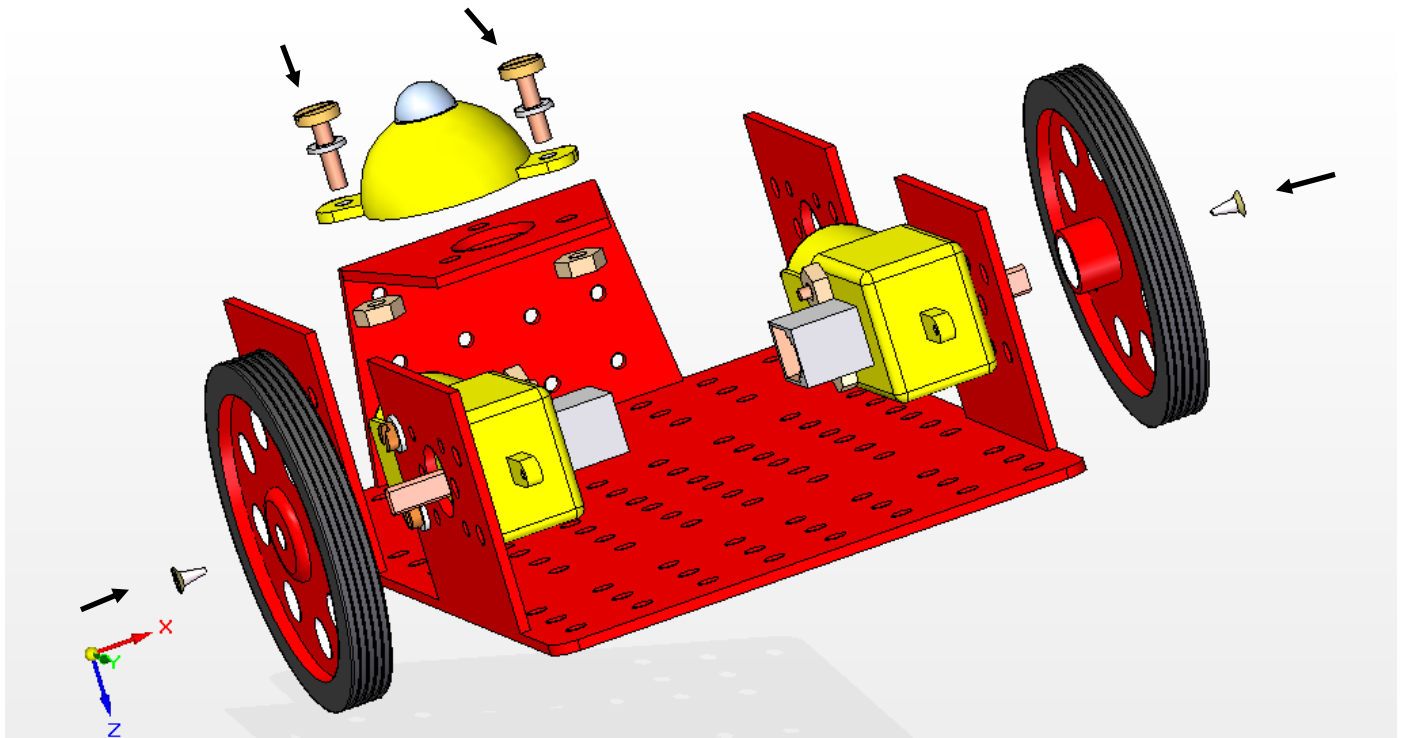
Constructions:

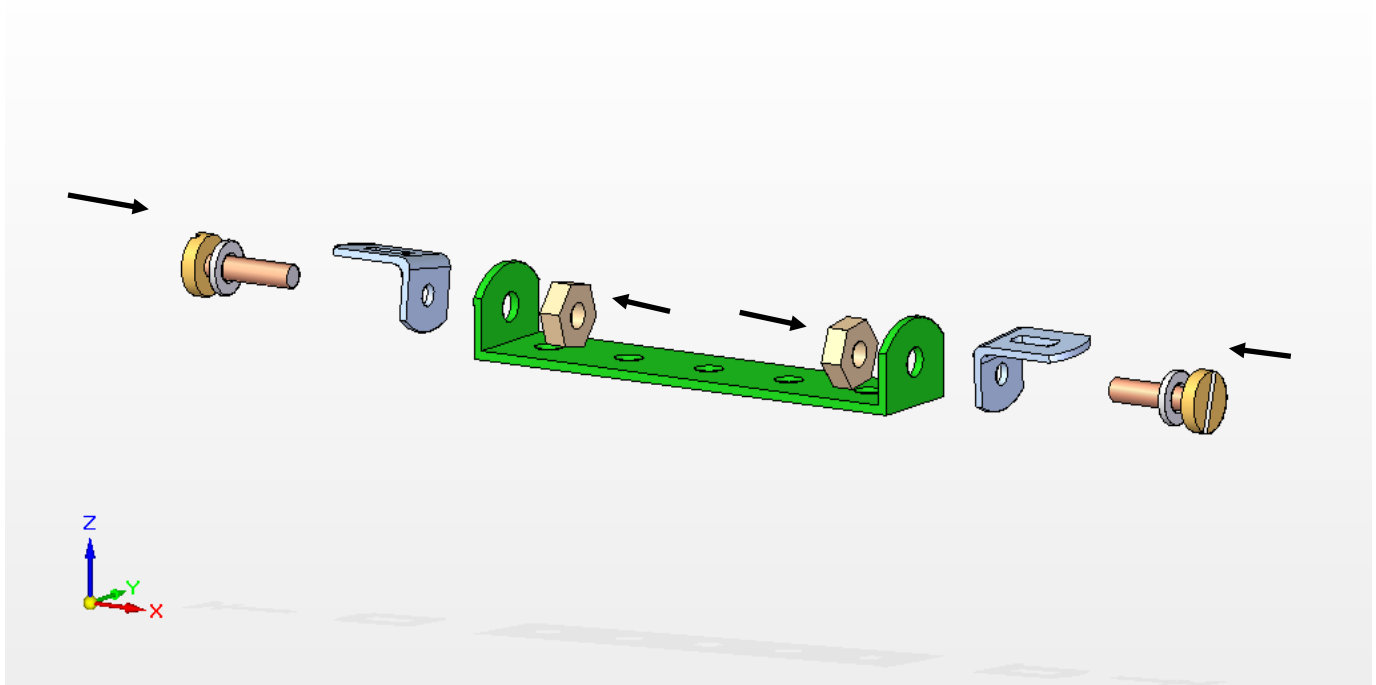**Step 1**: Connect the DC Motors to the Chassis using four M3M screws as shown in figure.

Step 2: Connect the two wheels to the DC Motor shaft using two wheel screws and connect Mono wheel to the front of the chassis using two M3S screws.
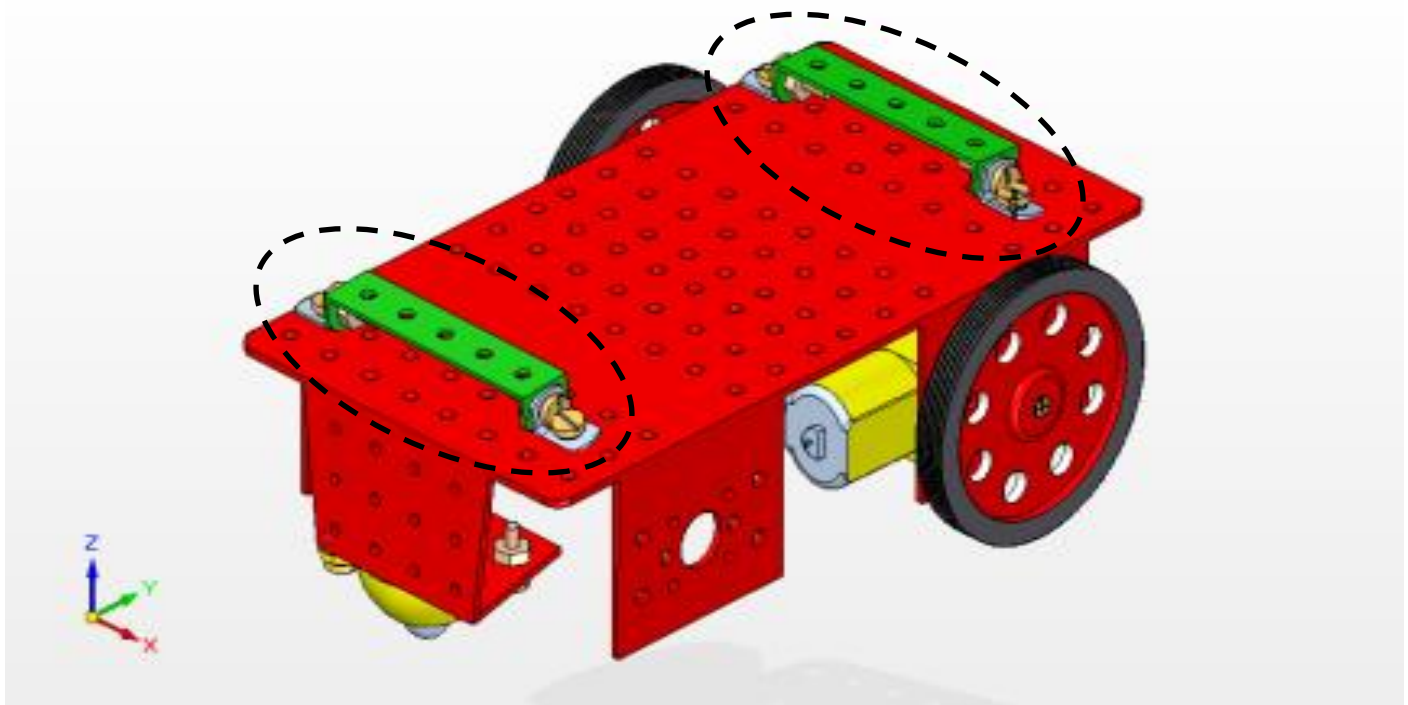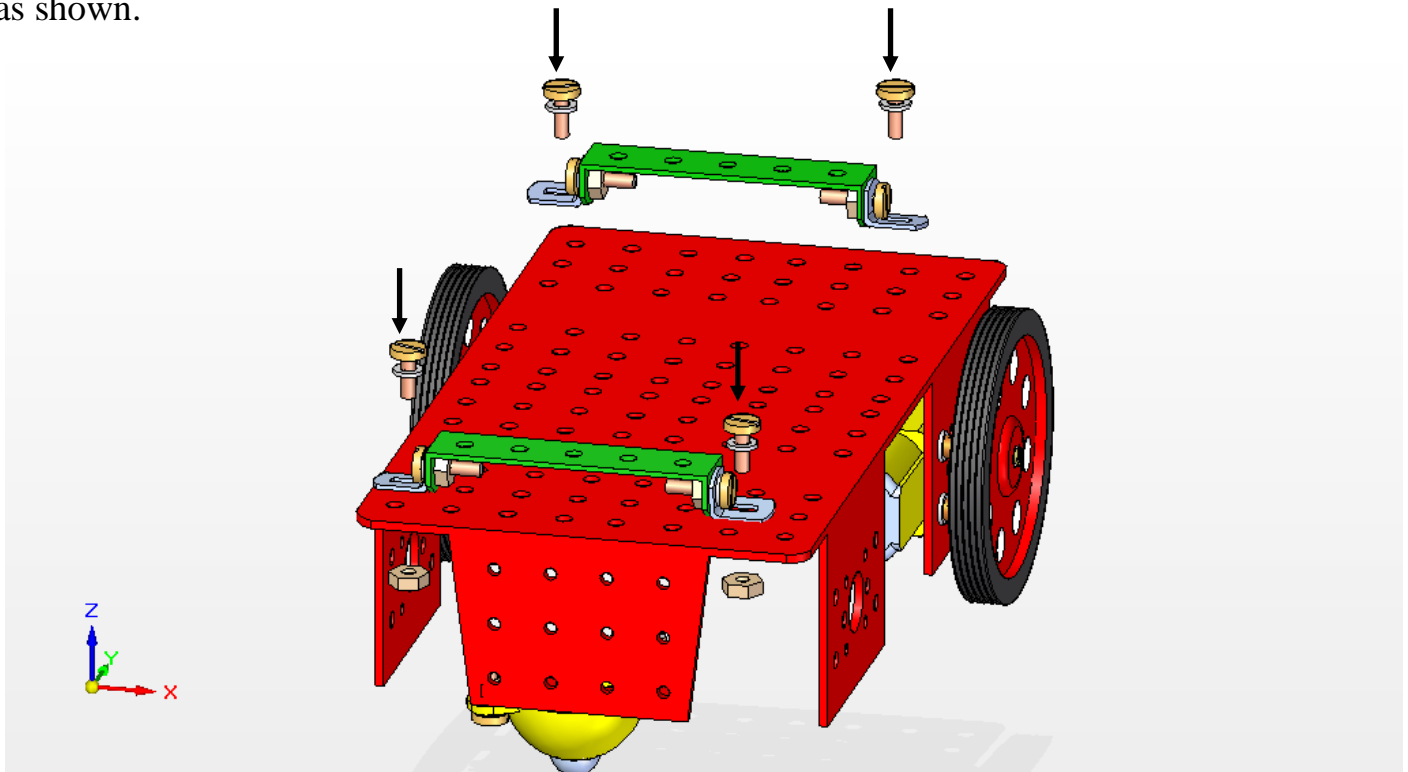

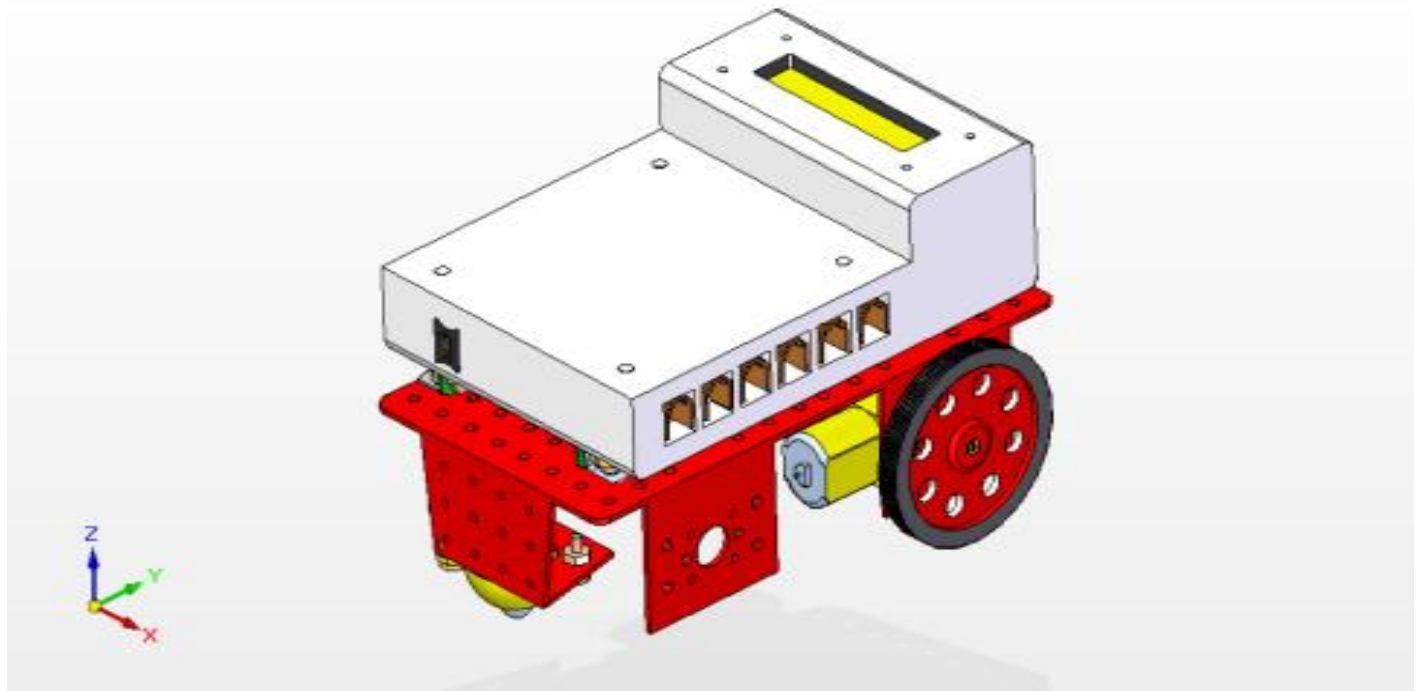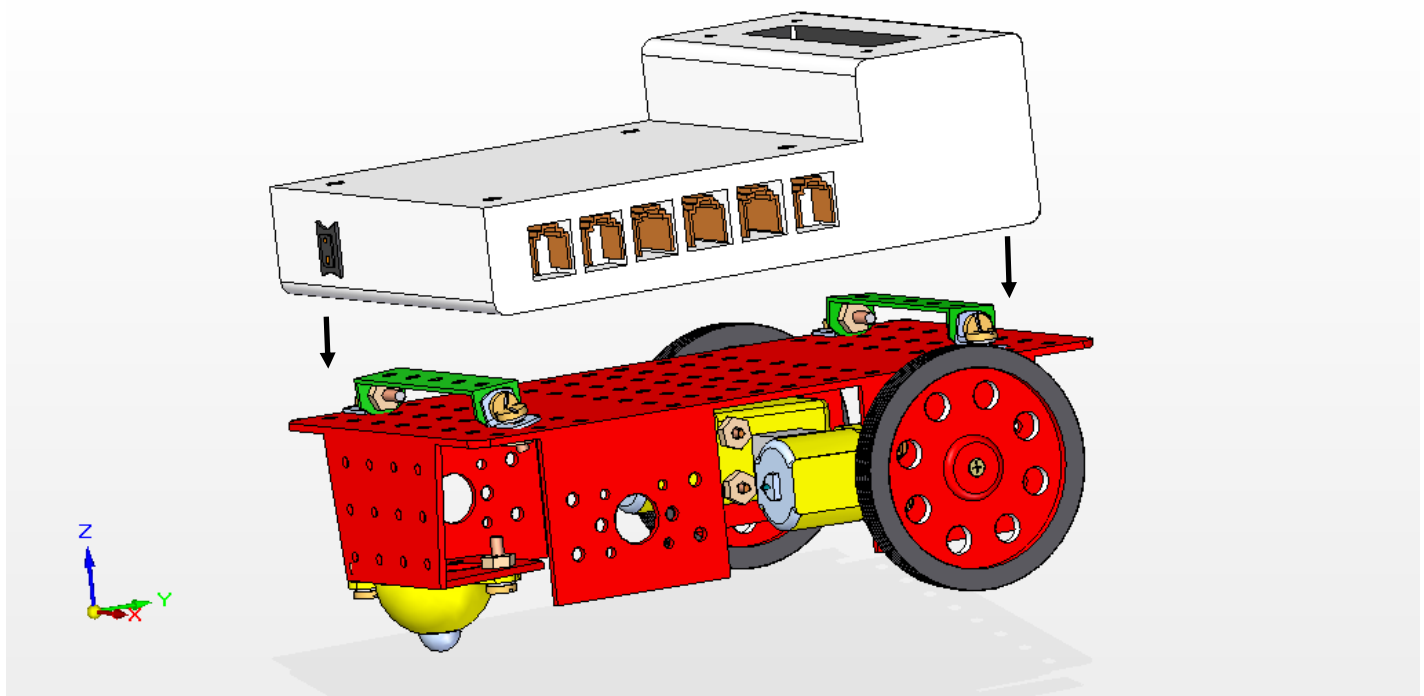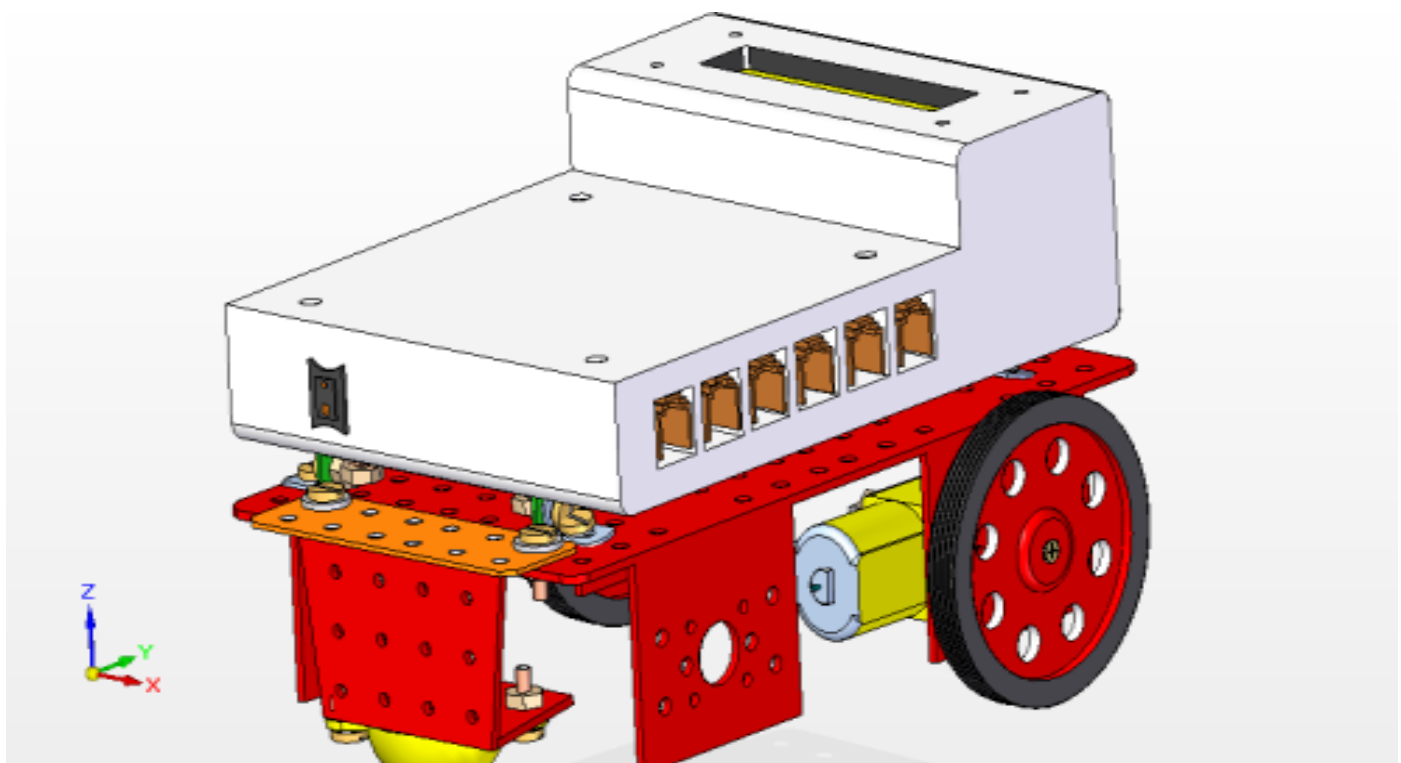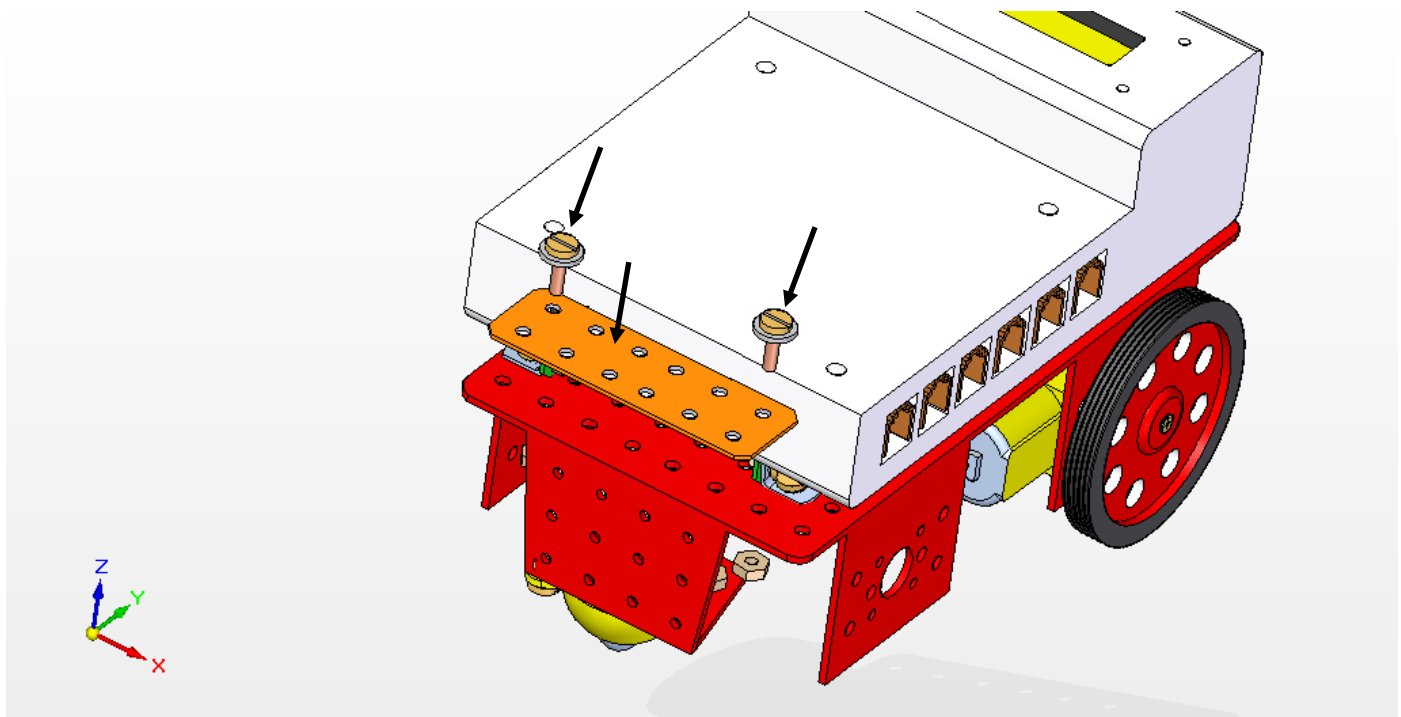**Step 3:** Connect the two UC1*1to UC5*1*1on both sides using M3S screws.

Step 4: Repeat the Step 3 again and connect both to the top of the chassis using M3S screws as shown.
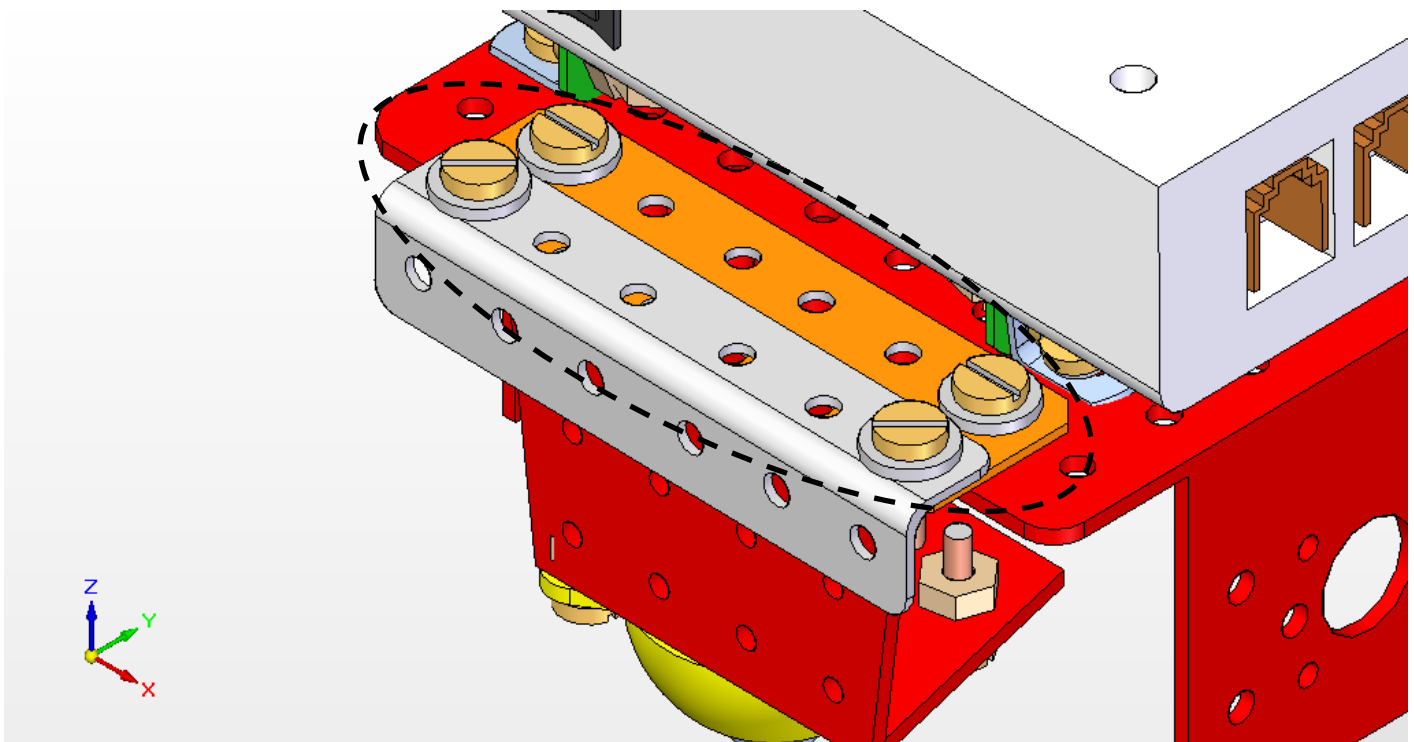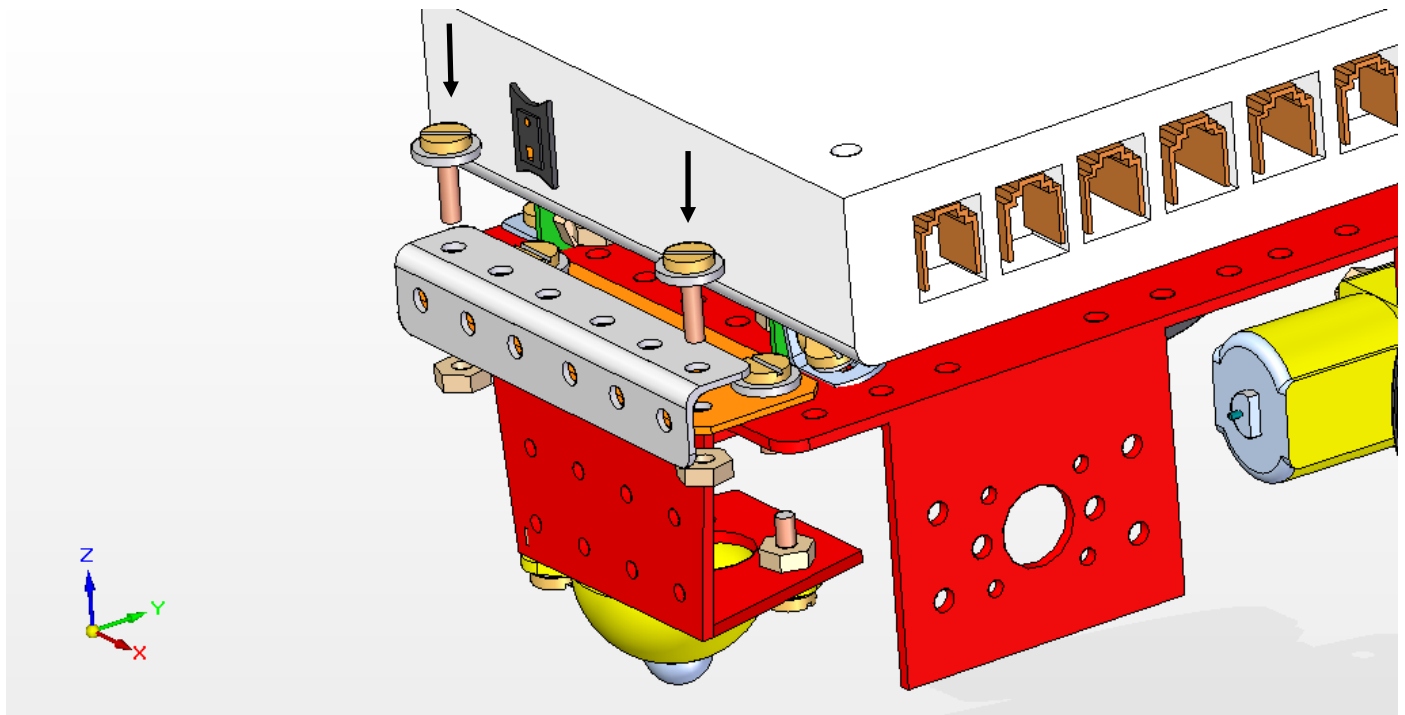
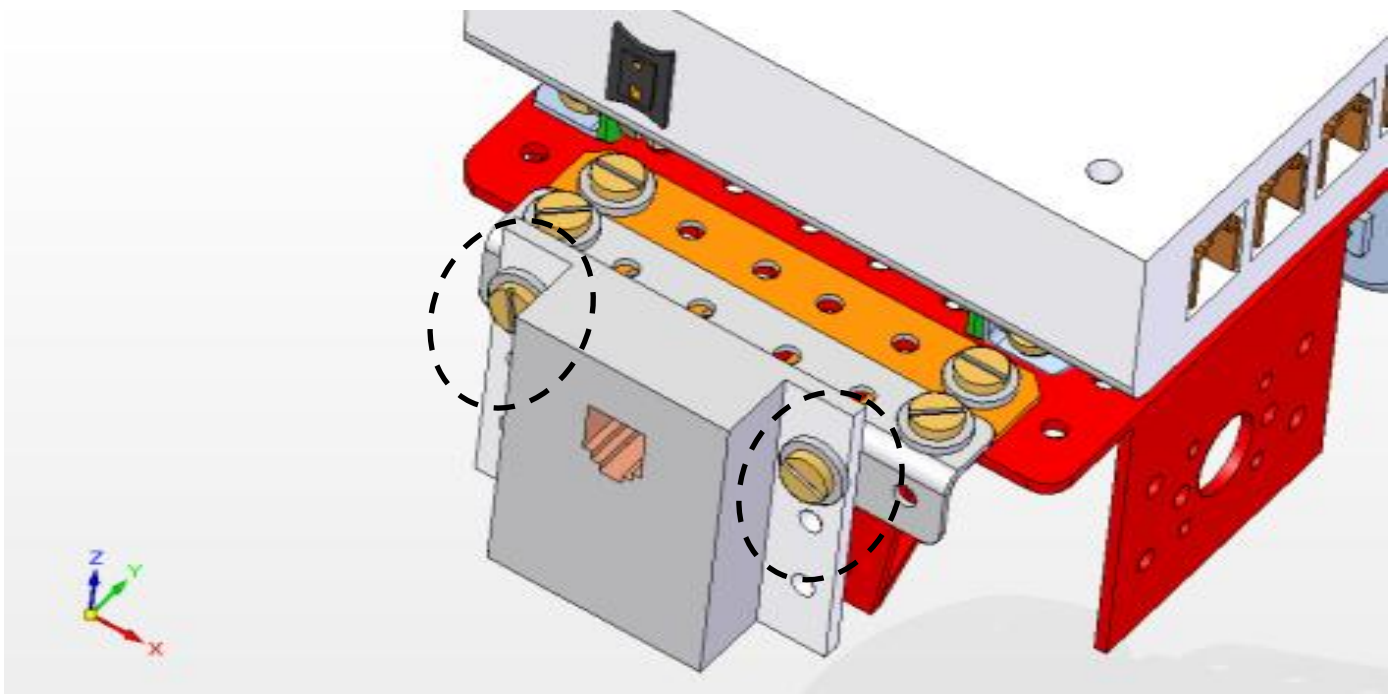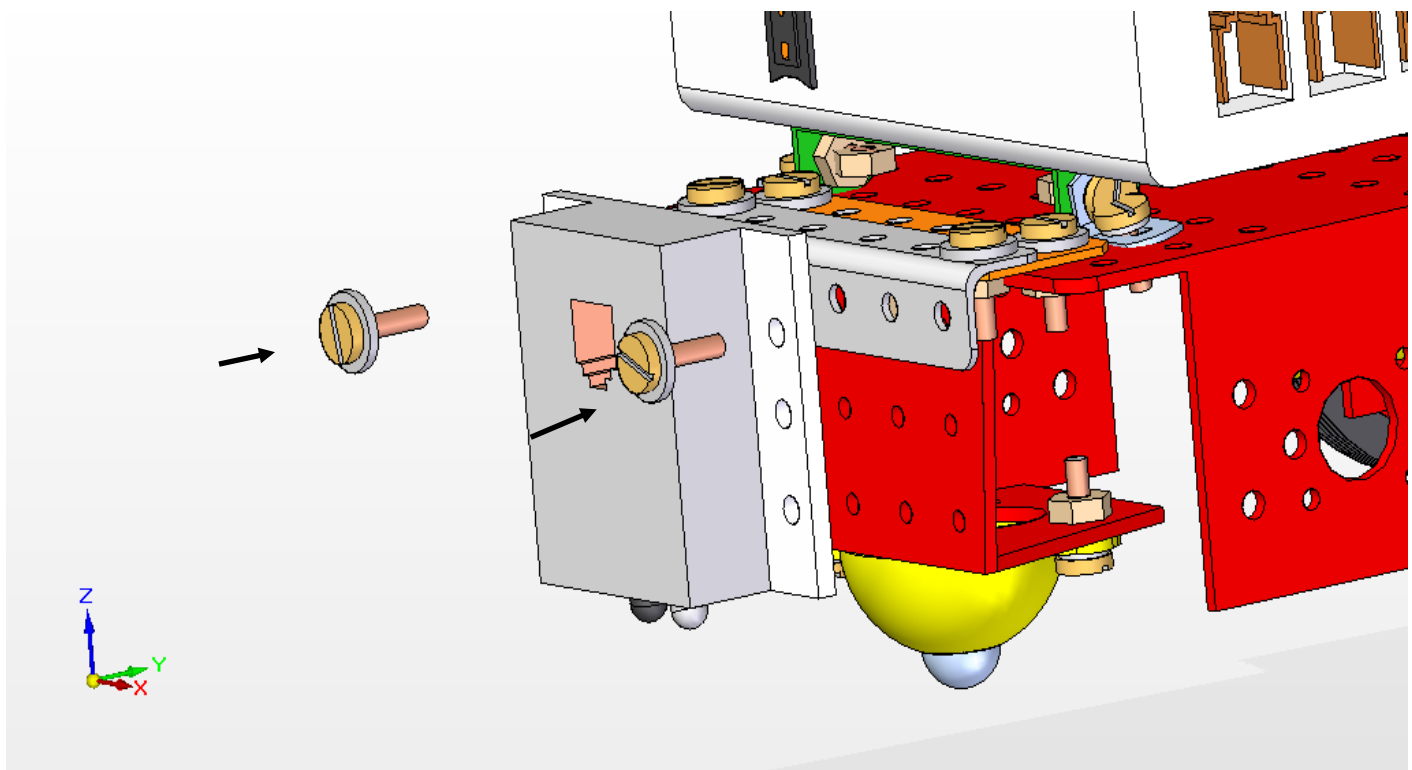**Step 5:** Fix the Novabot on the top of the chassis as shown.

Step 6: Connect DB6 to the front part of the chassis using M3S screws as shown.
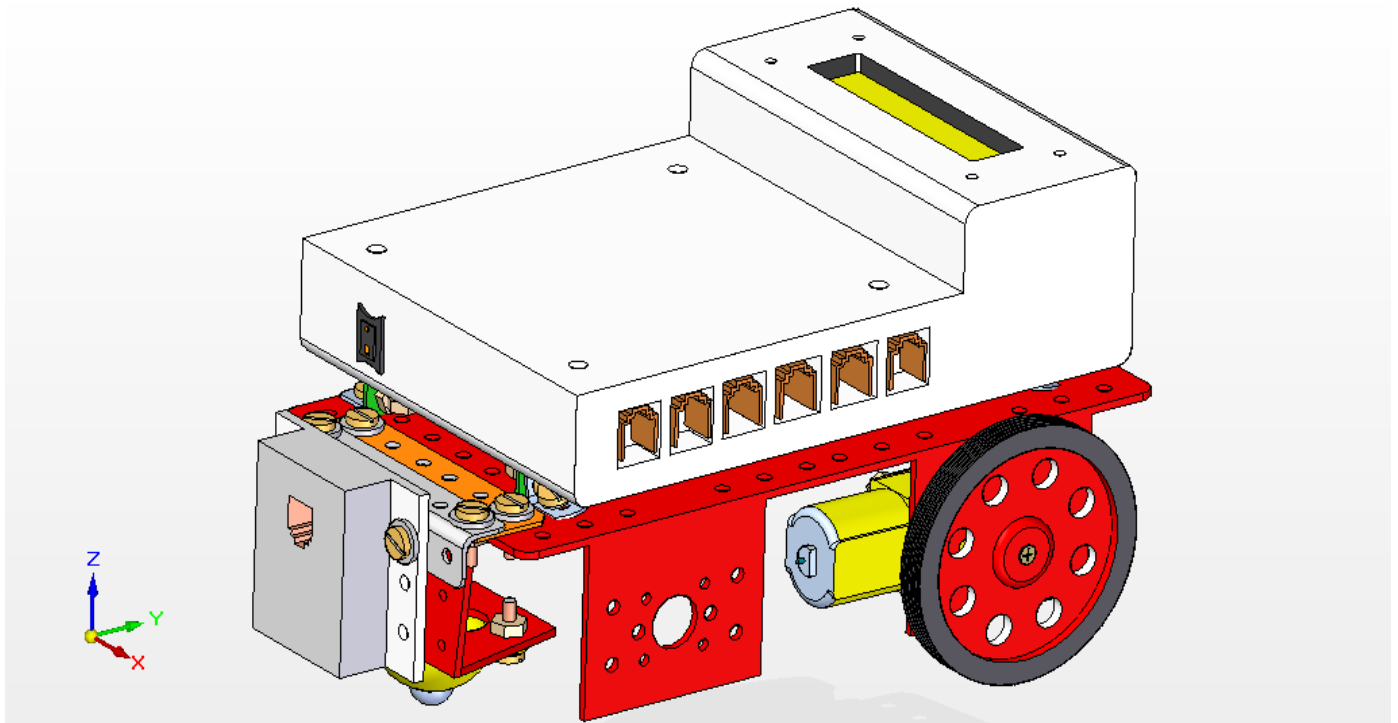
Step 7: Connect LS6 to the one side of the DB6 using M3S screws as shown.

Step 8: Connect the IR sensor to LS6 using M3S screws as shown.

Step 9: Connect the Sensor cable to any one of the 6 sensor ports as shown.

Step 10: Connect the DC Motor Cable to the ports M1 and M2 as shown.