

Team Id & Team Name**Project Name**

1. How much percentage of work has been completed so far? What is your demonstration plan for 25th May?

Work Progress :

We were going to just balance our robot first. And after doing that we will make the robot to move forward and backward. About 80% work for first step (balancing the bot) has been completed (excluding calibration). Work on coding level is completed. Work on mechanical level has been completed. Work on electrical level has also been almost completed. Just the assembling of electrical components to the robot is remained.

Demonstration plan :

We will present how we made the robot till that time. If calibration part completes till 25th may successfully we will try to present working model of the only balancing bot.

2. According to your Plan of Action, what work was planned to be completed till 18th May?

We had planned to complete the work on the three levels (mech, elec, coding) for making the robot just to balance itself . We have almost completed it .We would require one more day to complete it fully including assembling of electrical components.

3. What work has been actually completed?

We had planned to complete the work on the three levels (mech, elec, coding) for making the robot just to balance itself . We have almost completed it .We would require one more day to complete the remaining some electrical work and assembling of electrical components. After that we will start calibrating the robot.

4. What purchases were made till 18th May?

Sharp Sensors GP2D120,
Arduino board,
Li ion battery,
Motors 60 rpm 12 V,
L293D, IC 7805,7809,
two wheels,

and other necessary stuff for making the robot.

5. What problems did you face with respect to project work in this week? Did you find a solution to them or are they still pending? What was the solution to these problems?

We were having problem of soldering the PCB. But now we have solved it with the help of our mentor.

6. Contribution made by each team member in this week?

A- coding and circuit testing
B- electrical circuit and sensor testing
C- circuit making and printing on PCB
D- coding familiarising with arduino

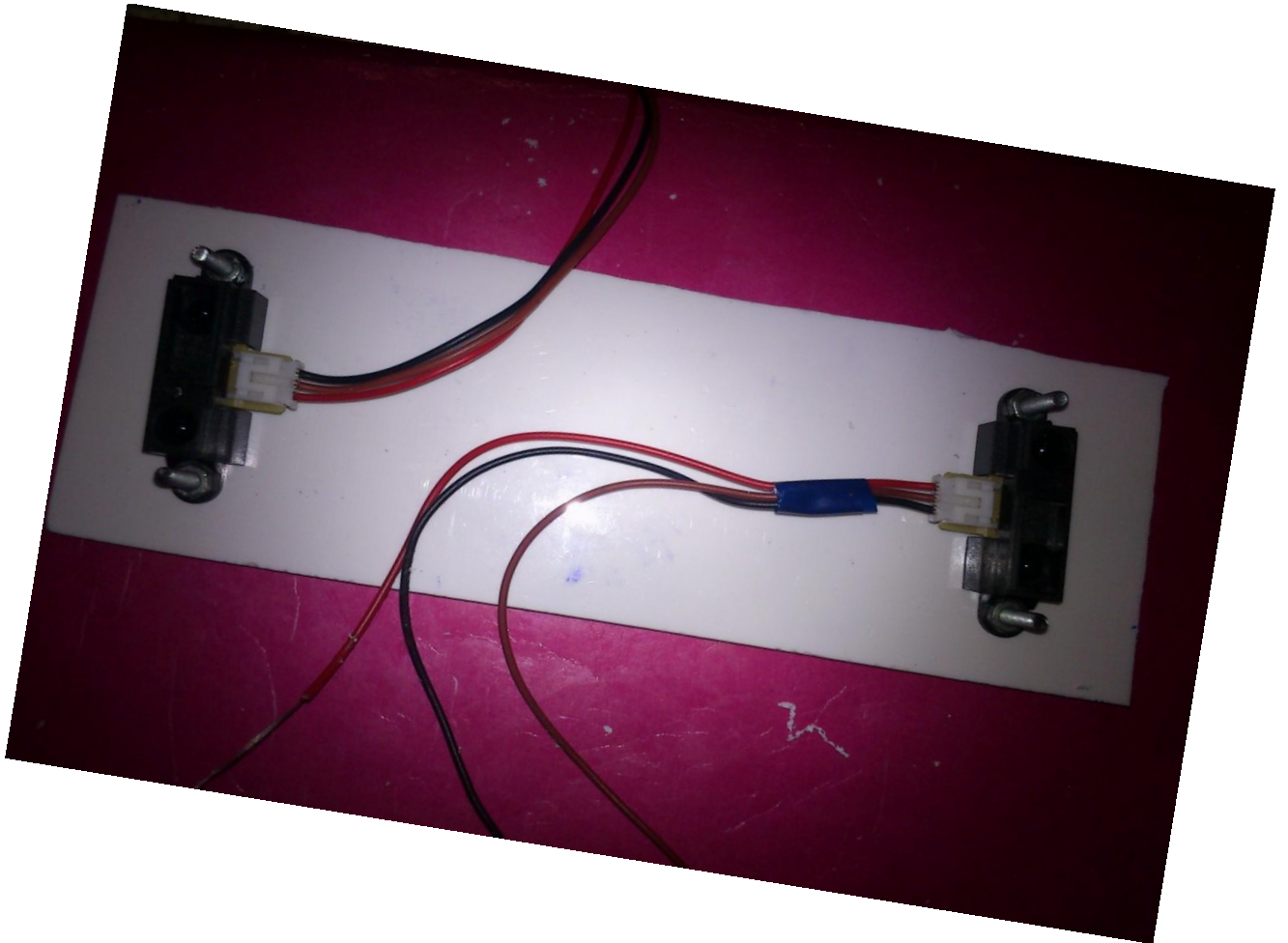
7. What was discussed in the meetings with your mentor this week?

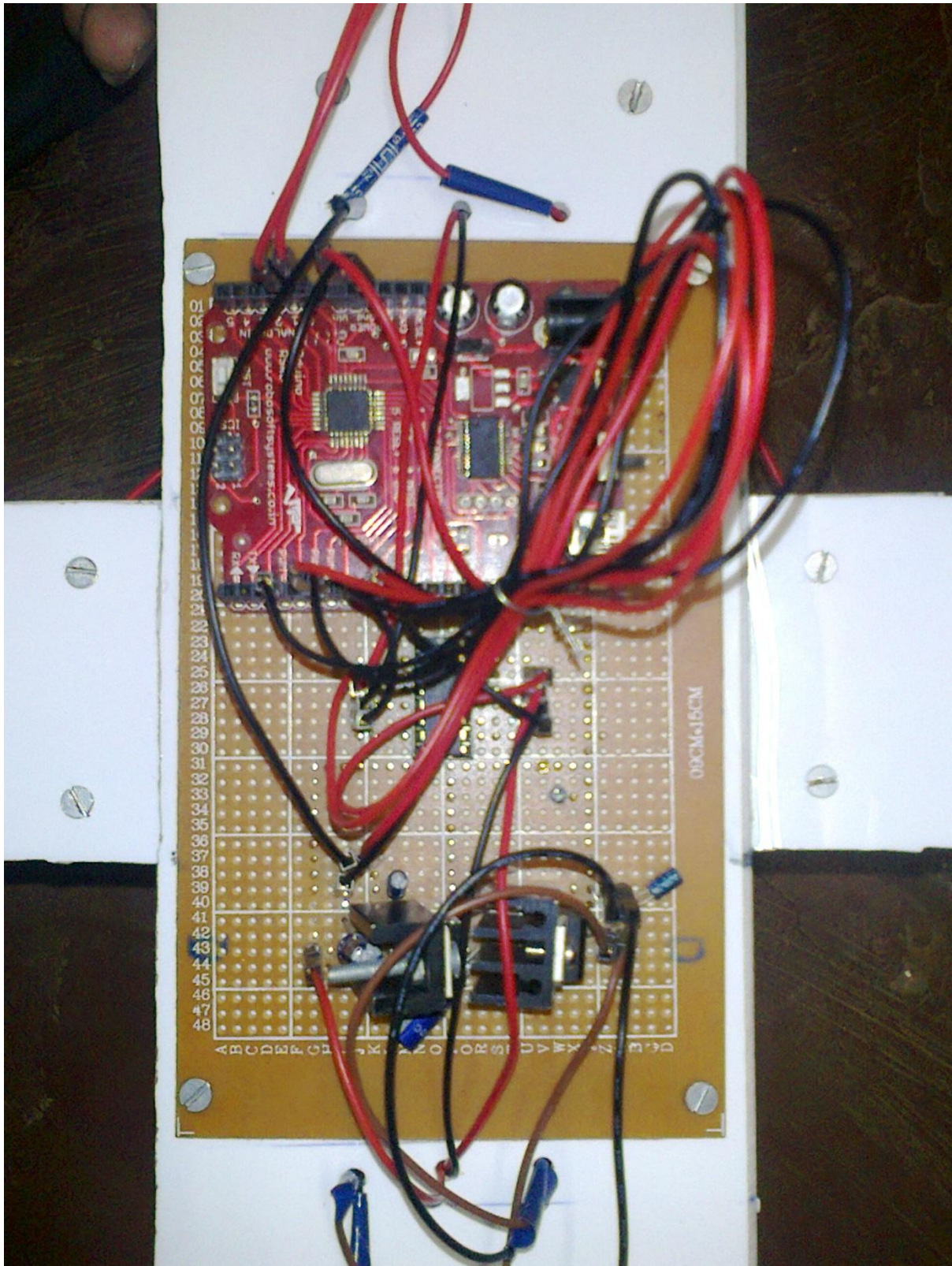
About making of PCB was discussed with the mentor . Also coding was discussed and checked by the mentor.

8. What is the work-plan for the next week?

We are going to join electrical parts to the robot and complete calibration.

9. Project Pictures (Compulsory) - Upload these pictures on the facebook group (ITSP 2012) also.





L293D Motor Driver Circuit