26th June, 2016
11:30pm-1:15pm IST

MINUTES OF MEETING

- Be ready with what you did and what you are going to do, otherwise the discussion would go tangentially and that will waste your time.
- Be ready with the questions.
- Focus on the problem at hand right now instead of doing random things.
- Make your cyber-physical architecture as extendible as possible and in a modular way. Use colours to denote the degree of completion of a particular task, like Red, Yellow, Green.
- Follow a wiki that uploads everything you are doing. Be transparent.
- **Cyber-physical arch**. : Cyber + Physical (hardware + software)Every block is an executable, it must have an input and an output and there has to be a person responsible for each block.
  Functional arch. : Defines the functionality of your robot. Whether it will run, walk, etc.
- Do not create custom message types unless you really need to, to be able to use rviz you need to create std_msgs. So use std_msgs as far as possible.
- Input and output completely defines a block.
- Walking block won't actually walk. It will walk when there will be two-three blocks running simultaneously-When you'll send signals to actuator through UART.
- Try to do independent, parallel implementation.
- Maintain different versions of your architecture.
- Use all your processing power.
- Reading stuffs should go on in the background, include all of it in your WBS. Give deliverables no matter what.
- Have a work culture for the lab.

Action Items:

Humanoid Team:

- Revise cyber-physical architecture for the bot you are going to make for 20th July.
- Include simulator, block on kinematics.
- Define the Work Breakdown Structure and release plans.
- Give Live Demo on hangouts:
  20th or 21st July: 1st Live Demo.
  27th July: 2nd Live Demo. If you are not successful, pay half the motors' price.