e-Yantra Robotics Competition (eYRC-2017)

Task 0: Planter Bot

Welcome to Task-0 of Planter Bot!!

The aim of this task is to get you started with installation of required software. You need to install three software/libraries and run the provided python script to test the installation of the software/libraries.

You will find the following folders in Planter_Bot along with this Read Me file.

- **First Folder is Installation_Instructions for:**
  - Please find the *Installation_Instructions_for-Linux.pdf* and *Installation_Instructions_for-Windows.pdf* file in this folder. As the name suggest, depending on operating system installed on your machine, you can follow the installation procedure to **install** the following softwares:
    1. Python
    2. NumPy
    3. OpenCV

- **Second Folder is Test_setup:**
  - Please find the file checkversion.*py*
  - Open Terminal/Command Prompt.
  - From Terminal/Command Prompt change directory (using *cd* command) to *Test_setup*.
  - Type *python checkversion.py*
  - You should get output as shown in Figure 1.
  - Note that Python, OpenCV and NumPy installation comes OK!!
  - In case of discrepancies, make sure that you make necessary corrections.

Figure 1: Output Window after running script

- **Submission Instructions:**
  - If your checkversion.py runs with all OK!!, take the screen-shot of terminal and save it as "output.png". In Test_setup folder, a file named "output.csv" gets saved automatically.
  - Save both the files in a folder #Teamid_Task0
  - Compress the folder into zip format and upload the .zip file as per instructions on Portal Interface.

Note: Do not edit any line in "checkversion.py" or in "output.csv". The files submitted by you will be run through a test script for automatic grading. Teams making any changes will be disqualified.