e-Yantra Robotics Competition (eYRC-2017)
Task 0 - Feeder Weeder

This task is divided into two parts:

- ◆ Flex Printing
- ◆ Robot Hardware Testing

You will find the following folders in Task 0.zip along with this Read Me file.

- **Flex Printing**
  Please find the following files in this folder:
  1. Flex Printing Instructions.pdf file
  2. Feeder_Weeder_Arena.pdf file

  Please follow the instructions given in the *Flex Printing Instructions.pdf* to get your flex sheet printed.
  Once you have printed the flex sheet, take a picture of the flex sheet and save it as **Feeder Weeder Flex.png** or **Feeder Weeder Flex.jpg.** The flex picture should be in .png or .jpg format. The whole flex sheet should be visible in the picture.

- **Robot Hardware Testing**
  Please find the following files/folders in this folder:

  1. Software and Installations folder
  2. Firebird V Robot GUI folder
  3. Firebird Hardware Test Checklist folder
  4. Hardware Testing Instructions folder
  5. Robot Hardware Testing Read Me.pdf file

In this stage of the competition, you will use the Firebird V Robotic kit you have collected from your college. It is necessary to test the working of the Hardware Components of the robot in order to ensure smooth completion of the subsequent tasks.

Follow the instructions provided in the Robot Hardware Testing Read Me file in the Robot Hardware Testing folder and complete the task as instructed. We have provided a checklist to verify the working components of the robot which can be found in the Robot Hardware Testing folder. After testing the hardware of the robot, you have to complete the checklist.

After completing this, prepare a zip file named Task0.zip which contains the following files:
- Feeder Weeder Flex.png (or .jpg) file
- Firebird_Hardware_Test_Checklist.xlsx file (updated version)

Instructions for uploading the Task0.zip file are provided in the Task 0 tab of the portal.