

e-Yantra Robotics Competition (eYRC-2017)

Task 3: Planter Bot

Welcome to Task-3 of Planter Bot!!

You will find “*Task3_Implementation_analysis.docx*” file within the folder containing this “*Read Me.pdf*” file.

Visit this link for additional documents required for Task 3: [Task 3 Resources](#).

This link contains a folder which contains following files and subfolders:

1. *Sample_Arena.pdf*: This file contains a sample Arena construction for positions and placing of Zone Indicator and Color Markers.
Note: The arena shown in “*Sample_Arena.pdf*” is a specific example. During the competition the placement of Zone Indicators and Color Markers will be different.
2. Plantation: This folder contains .png file of Plantation field required as background for overlay.
3. Seedlings: This folder contains .png files of Flowers required for overlay. These are named as 1.png to 18.png. Appropriate flower is to be chosen for overlay as per guidelines given in Section 2: Theme Description in Rulebook.

Submission Instructions:

- Answer the question given in document *Task3_Implementation_analysis.docx* and save the file in .pdf format as <TeamID>_Task3_Implementation_analysis.pdf in <Team_ID>_Task3 folder.
- For Question 1.b, save .jpg files in <Team_ID>_Task3 folder. Files should be named as <TeamID>_1.jpg to <TeamID>_4.jpg for four respective Arena images.
- Compress <Team_ID>_Task3 folder in .zip format. Then upload <Team_ID>_Task3.zip in the Task 3 tab of the portal.