

Instructions for Creating Video

Note: Please ensure that the video uploaded is of good quality and conforms to the instructions given below.

1. Setup the arena as given in the Making Arena Ready.pdf file before you start shooting the video.
2. The resolution of the video should be good enough for judging. You have to use a 5 Megapixel or higher camera to shoot the video.
3. The video should be in one of the two following formats: .avi or.mp4.
4. **The video will consist of two parts: Introduction part and Demonstration part.**
5. **Introduction part:** The video **should start with a brief introduction**. Please follow the instructions below:
 - Opening screen of the video should be a shot of “Title_slide.doc” printed on A4 sheet with the team details. Hold the sheet still for 3-5 seconds along with all the team members.
 - This should be followed by an introduction limited to a maximum of **TWO minutes**:
 - Short introduction by each team member: Each team member can say his/her name and their department in college. This should take a maximum of **30 seconds**.
 - A **30 second** introduction by the team leader highlighting any interesting aspect of the theme’s implementation.
 - A **1 minute** description by the team leader highlighting any additional components like power supply, power distribution circuit (made be team) .
6. **Demonstration part:** Demonstration part **MUST** be a **one-shot continuous video**. It should **not be edited** in any manner. Teams uploading an edited video will be **disqualified** from the competition. e-Yantra reserves the rights to disqualify any team if any foul play is suspected.
7. The video should be taken by keeping the camera such that the entire arena is visible to the viewer. Here are a few tips for shooting good quality video:
 - Camera should be kept stable while recording.
 - Light the arena such that there is no reflection into the camera.
 - Keep the background, any lighting, etc. constant during the video shooting so that it doesn't show as a discontinuity in the video.
 - There should be no interference in terms of background noise or movement while shooting the video.
8. Please follow the steps below:
 - Place the Rover and Base Station at designated places in the arena and power them up.
 - Make sure Rover and Base Station are not moving at all.
 - The camera should focus on the computer screen to capture the Wi-Fi hotspot connection and Python IDLE console output.
 - Connect to the Wi-Fi hotspot within **Two minutes** after starting the Rover and Base Station.
 - The timer starts at the point you press the Enter key to execute your Python code for processing the MAP.jpg.
 - Team leader says **“START”** -- while pressing the Enter key (should be captured by the camera).

Once both the Rover/Base Station starts moving, **entire arena should be in the camera view** without any interference until the run ends. Make sure to keep both Rover and Base Station in the view of the Camera (you may move with the camera to ensure proper view without any disruption). **Do not move very close to the Arena.**

9. In a successful run, the timer is stopped when the Rover parks at the Red Zone.
10. In case you have any problem with the Rover/Base Station during the task (e.g. it goes out of the arena or loses track) and want to reposition the Rover/Base Station, you can do so subject to the rules given in the rulebook.
11. You are allowed to capture only ONE run during the demonstration; this should be a continuous video recording. You are allowed to reposition two times during the run as mentioned in the rulebook. Any repositions (if made) should also be a part of the one shot video.
12. It is mandatory that you upload the demo video even if your task is not completed. You may record the video of best run of the robotic systems on the arena.
13. The video should end either
 - When the task is completed successfully or
 - If you exceed the allowed number of repositions or
 - The maximum time (12 minutes) given to complete the task has elapsed - as mentioned in the rulebook.
14. Uploading video/s on YouTube:
 - Upload video using the Final Configuration with the title **eYRC#NT#<Team ID>_Demonstration**
 - Upload video using the Bonus Configuration with the title **eYRC#NT#<Team ID>Bonus_Demonstration**
 - (For example: If your team ID is 25 then, save it as eYRC#NT#25_Demonstration)

Please note that while uploading the video on YouTube select the privacy setting option as **Unlisted** (Refer to Figure 2).

You need to upload the video as instructed on the portal.

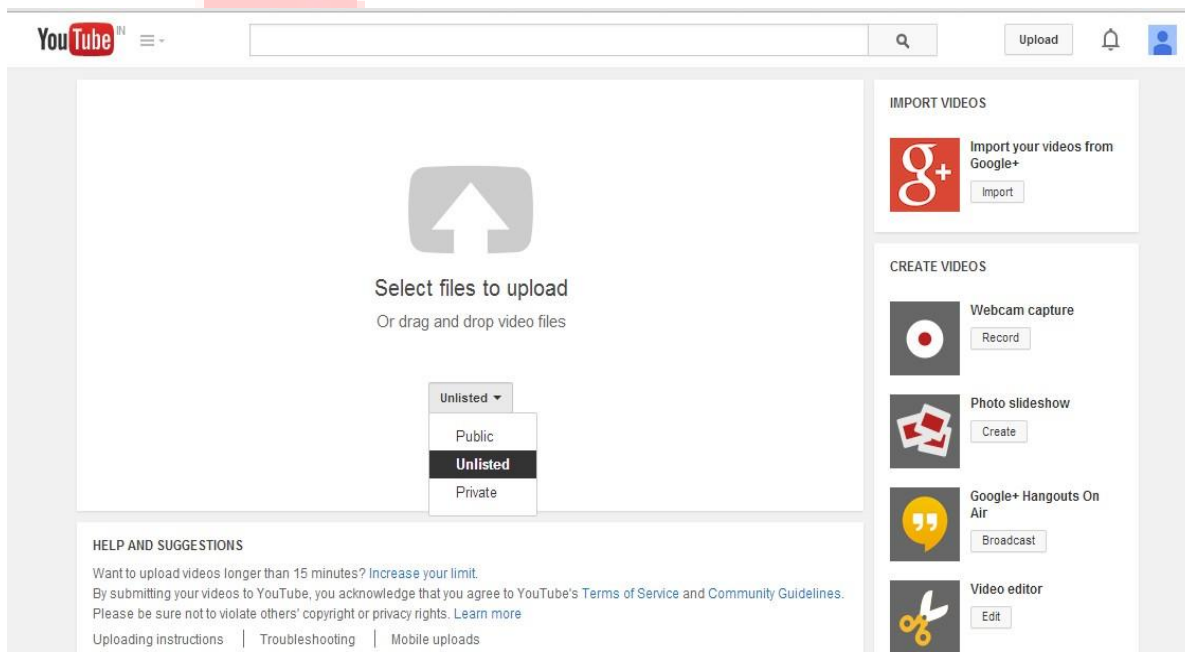


Figure 2: YouTube Upload Page

