

e-Yantra Robotics Competition (eYRC-2019)

Task 0 – Survey & Rescue

Welcome to Task 0 of Survey & Rescue Theme!!!

The aim of this task is to get you started with installation of required software components. You need to install the mentioned software & libraries by running the provided instructions in the provided sequence only; and if any error occurs at any step, please do not proceed unless the error has been rectified from your end.

Note: It is recommended in this theme to use machine with Ubuntu 16.04 OS ONLY.

You will find the following folders & files along with this Read_Me.pdf file (Recommended sequence for reading)

- **1.Installation Instructions:** Please find the following files in this folder.

- [ROS Kinetic Installation.pdf](#)
- [libraries and package Installation.pdf](#)

Follow the instructions in both the files to install the required software/libraries

- **2.Tutorials:** Please find the following files in this folder.

- [Tutorials_Read_Me.pdf](#)
- [byte-of-python.pdf](#)
- [byte-of-python.epub](#)
- [Getting_familiar_with_ROS.pdf](#)
- [Introduction_to_WhyCon_markers.pdf](#)
- [Tips_and_Suggestions.pdf](#)

Go through “the Tutorials_Read_Me.pdf” thoroughly, to learn the basics of important tools and programming languages such as python or ROS(Robotic Operating System).

- **3.Task:** Please find the following files/folder in this folder.

- [Problem_Statement.pdf](#)
- [Read_me.pdf](#)
- sr_task_0 folder

Follow the instructions in the Problem_Statement.pdf file to test the software/libraries installed and complete the Task 0 successfully.