

e-Yantra Robotics Competition (eYRC-2018)

Task 1.1 – Nutty Squirrel

Welcome to Task 1.1 of Nutty Squirrel!! The aim of this task is to make a line following robot in V-REP.

This task is divided into three parts:

- ❖ Tutorial
- ❖ Assignment on V-REP
- ❖ Task on V-REP

Please find the following folders within **Task 1.1** folder that contains this **Read Me** file.

- ❖ First folder is *Assignment*
 - Please find the following file in this folder:
File: Assignment Question.pdf
File: assignment_scene.ttt
 - Follow the instructions in the Assignment Question.pdf file to do the assignments on V-REP and Visual Studio IDE software.
- ❖ Second folder is *Task*
 - Please find the following files/folder in this folder:
File: Problem Statement.pdf
File: NS_Task_1.1.ttt
 - Follow the instructions in the Problem Statement.pdf file to perform the actual task on V-REP and Visual Studio IDE software.
- ❖ Third folder is *Tutorial*
 - Please find the following file in this folder
File: Modules for Robot.pdf
 - Go through this file to learn the basics components of a robot.

Submission Instructions for Task 1.1:

You must submit your code for the task given in Task folder. Your submitted folder name should be *NS#****_Task_1.1* where **** is your Team ID. For example, if the Team ID is 12, save it as, *NS#0012_Task_1.1.zip* and submit on the portal.

NS#****_Task_1.1.zip file should contain following files:

- ❖ NS_Task_1_Sandbox.cpp
- ❖ NS_Task_1_Sandbox.h

NOTE: Deadline for Task 1.1 submission is: November 14th, 2018

All the Best!

