Hello everyone,

We are going to show you the installation of XCTU which we’ll use to control the bot when we control it by keyboard. Also we’ll demonstrate the installation of AVR Bootloader which is basically used to burn the desired hex file into the bot. So, first we select the exe file corresponding to 3 from the e-yantra folder.Go to e yantra folder FIREBIRD 5/ATMEGA 2560 ROBOT/Software n drivers/AVR Bootloader/AVR Bootloader GUI. Run setup.exe. Click on next.Select everyone.Click on next.Once again click on next to start the installation.

Similarly,install XCTU.

As you can see XCTU and AVR Bootloader both are installed.

Now,to setup and configure our code download the zip file from moodle.

Unzip the file to desktop.

Open the unzipped folder and click readme.docx to get a brief idea of the project.

After reading the document, proceed further and open source.

Click on “embedded C” and there you will find the “wireless.hex” file which is to be burnt using AVR Bootloader installed previously.

Go to source and then click on “Matlab” folder and copy the script files there to the current Matlab path of of your Matlab Software.