

Construct-O-Bot (CB)

Read Me

Please find the following folders within the folder that contains this *ReadMe.pdf* file.

- ❖ First folder is **AVRDude**

This folder contains the scripts that will help you to program the bot.

- ❖ Second folder is **Datasheets**

This folder contains all the datasheets of the hardware components.

For motor specifications, click on this [link](#).

- ❖ Third folder is **Figures**

This folder contains all the figures in .png format that is used in the testing documents.

- ❖ Fourth folder is **HEX files**

This folder contains all the .hex files that will help you to test the provided hardware.

- ❖ Fifth folder is **Testing Instructions**

This folder contains the following files:

- 1. Software Installation**

In this file, you will find the instructions to install Atmel6 Studio IDE and Tera Term.

- 2. NEX AVR USB ISP STK500V2**

In this file, as you will be using “Embedded C” for implementation, the IDE which you will be using, generates a hex file. In order to burn the hex file, you will be using instructions provided in this file

- 3. Setting project AtmelStudio6**

This will guide you to make a project in Atmel studio 6

Note: This document is made for another hardware but you can follow the similar procedure.

- 4. Assembling of Hardware**

In this file, you will have to connect the hardware in the configurations mentioned in this file before you build the Bot.

- 5. Testing Instructions**

This is the last and most important file, you will find instructions to test the hardware based on the connection done .

Best of Luck!