Bansilal Ramnath Agarwal Charitable Trust's

Vishwakarma Institute of Technology
(An Autonomous Institute affiliated to Savitribai Phule Pune University)
PUNE-411037

THE ROBOTICS FORUM

Vishwakarma Institute of Technology

The Robotics Forum

TRF LEVEL 2
WORKSHOP 2023

ELECTRONICS DOMAIN

Guide for the software installation:

(P.S: Pressing the Ctrl key and hovering over the links will direct you to the link opening in the browser.)

In case of doubts regarding any software installation, contact your mentors beforehand.

Also, wherever you are creating accounts, please make sure that you are noting down the mail-ids (please use the college email-id) used usernames, passwords.

Please do not change the path for the software installation unless really necessary.

1. Arduino IDE:

Size: 112 (Windows)

https://www.arduino.cc/en/software

The link will direct you to the following

page: Downloads

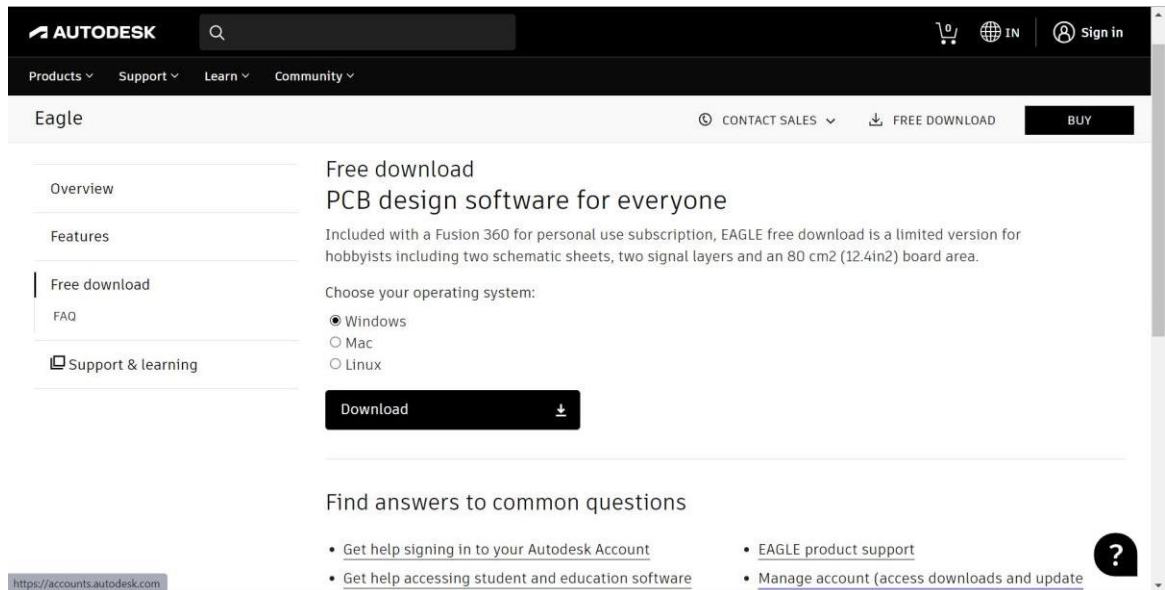Download the software as per your system requirement.

After downloading the setup file, run it for the installation.

2. **Autodesk Eagle:**

Size: 125 MB (Windows) || 146 MB (MAC) ||164 MB (Linux)

https://www.autodesk.com/products/eagle/free-download?us_oa=dotcom-us&us_si=b30b3295-5119-44e8-bc9a-57f632baa362&us_st=Eagle
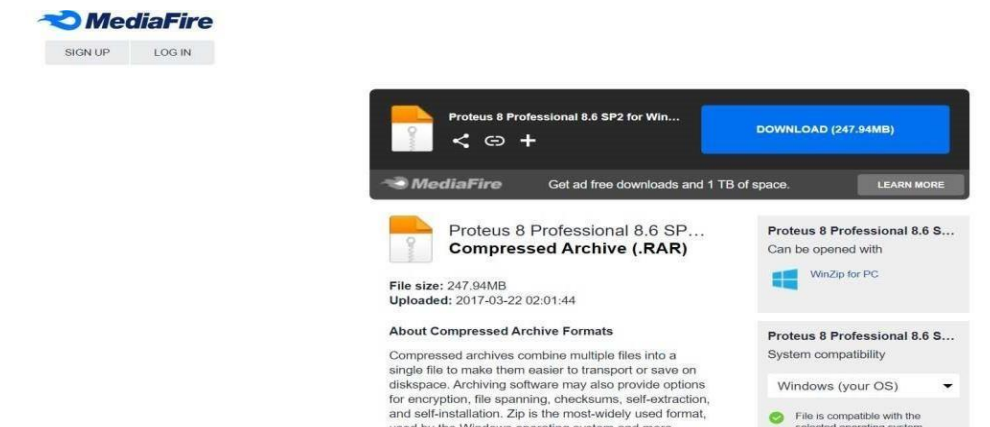The link will direct you to the following page.

Step 1:

Sign in/ Create a new account using your vit.edu mail id. **Please make sure you are noting down your usernames/IDs and password**

3. **Proteus Professional 8.6:**

Size: 254 MB (Windows)

http://www.mediafire.com/file/bwcadw9480gurc4/Proteus_8_Professional_8.6_SP2_for_Windows.rar

The link will direct you to the following page.

Clicking on the following option for download will start your software downloading process.

After downloading the setup file, run it for installation.

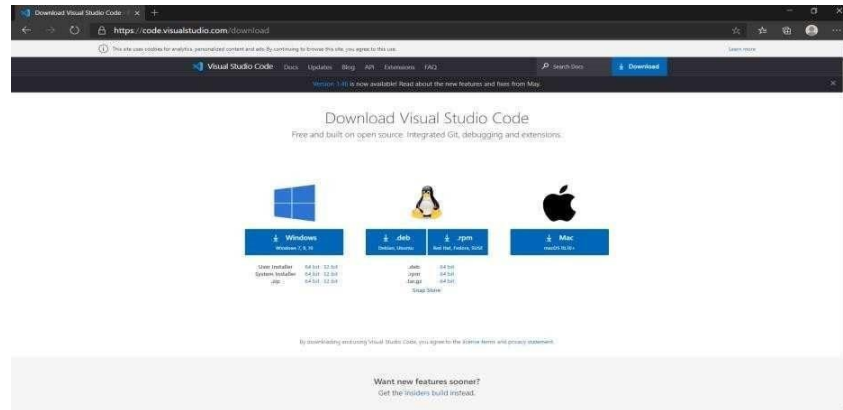Make sure you can see the following page before your session.

4. Visual Studio Code (VS Code):

Size: 58 MB (Windows) || 84 MB (MAC) || 60 MB (Ubuntu)

https://code.visualstudio.com/download

The link will direct you to the following page.

Select the appropriate version as per your system requirement.

After downloading the setup file, run it for installation.

5. Git:

Size: - 45 MB

Prerequisite: - Create an account on githib.com Download Link: - https://git-scm.com/download/win Follow the following video tutorial: - https://www.youtube.com/watch?v=2j7fD92g-gE

6. Atmel Studio:

Size: 874 MB (Windows only)

https://www.microchip.com/en-us/tools-resources/develop/microchip-studio#Downloads

The link will direct you to the following page.

Click on Downloads

We recommend you download the 'offline installer' version.

After downloading the setup file, run it for the installation.

Make sure you can see the following page before your session.
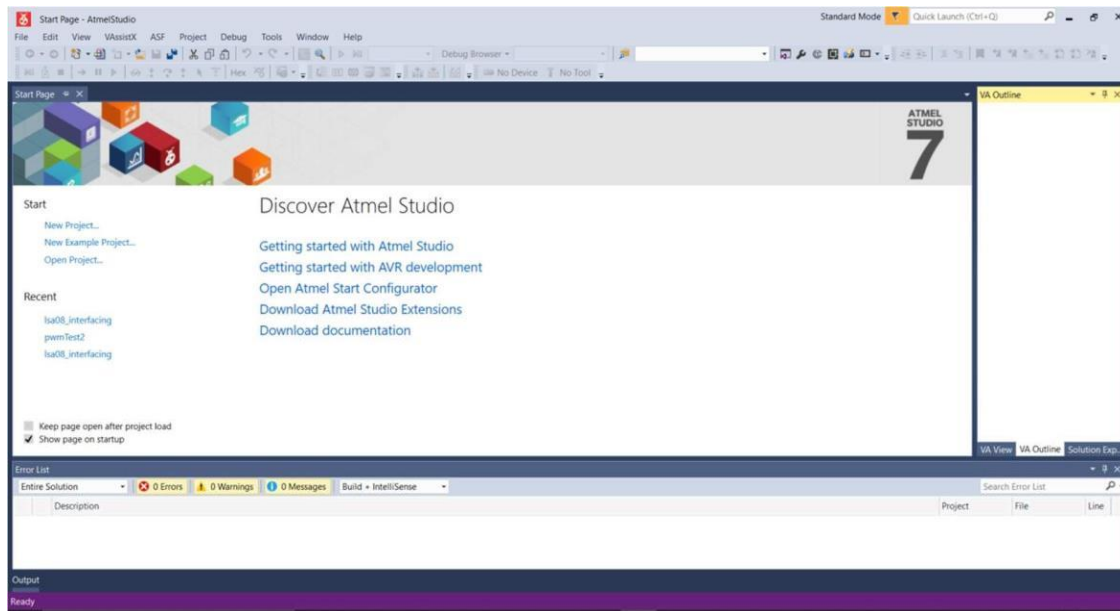
7. Dip Trace:

Size: Around 214 MB

https://diptrace.com/download/download-diptrace/

The link will Direct you to the following Page

We recommend you download the 'FREEWARE' version.

After downloading the setup file, run it for the installation.