

Workshop on Environment setup for python and C++

Time and Venue

Date: 30/11/21

Time: 04:00 pm – 06:00 pm

Venue: CompScE '94 Hall

Batch: 2 (Second Years)

Session: 1

Speakers & Organizers

1. Livin Nector (Speaker)
2. Santhana Mikhail Antony (Speaker)
3. Ragupathi (Organizer)
4. Mohamed Faiyaz (Organizer)
5. Ananth (Executive Organizer)
6. Navaneetha Kannan (Executive Organizer)

Aim

To motivate the student on setting up their own developments environments in their systems and to know about basic workflow in running a sample program in both python and c++.

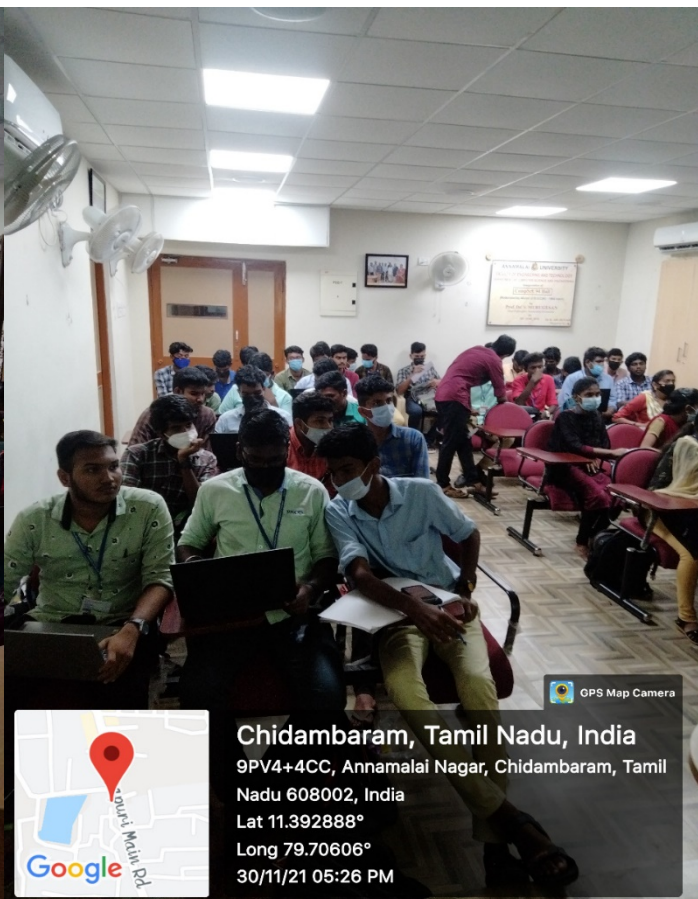
Topics covered during the Session

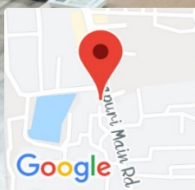
1. Installing Visual Studio code
2. Getting familiar with VScode – Inbuilt - Explorer, Command Palette, Settings, Extensions, Inbuilt Terminal.
3. Installing MinGw using Msys2 in Windows for c++
4. Environment variables and PATH environment variable
5. Adding a location to PATH environment variable
6. C++ Integration with VScode.
7. Installing Python (Normal Python installation)
8. Integrating python with VScode
9. I/O redirection in python

During the Workshop

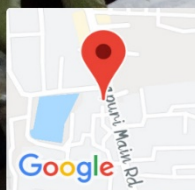
On the course of the workshop the installation steps and setup procedure were shown with the projector. The attendees were made to try out the same in their own systems at the time of the event. The problems in installation and setting up that raised due to different system configurations were discussed and rectified. Environment variables and PATH environment variable in windows were discussed. The procedure of adding a location to the PATH environment variable was demonstrated and the attendees were made to add a path in the PATH environment variable. The basic functionalities in VScode were explored. The attendees were made familiar with using VScode. The programming language extensions for the python and c++ were discussed. The concept of I/O redirection was discussed and implemented using a python program.

Images taken at the event

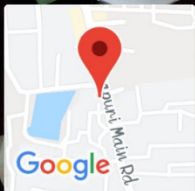
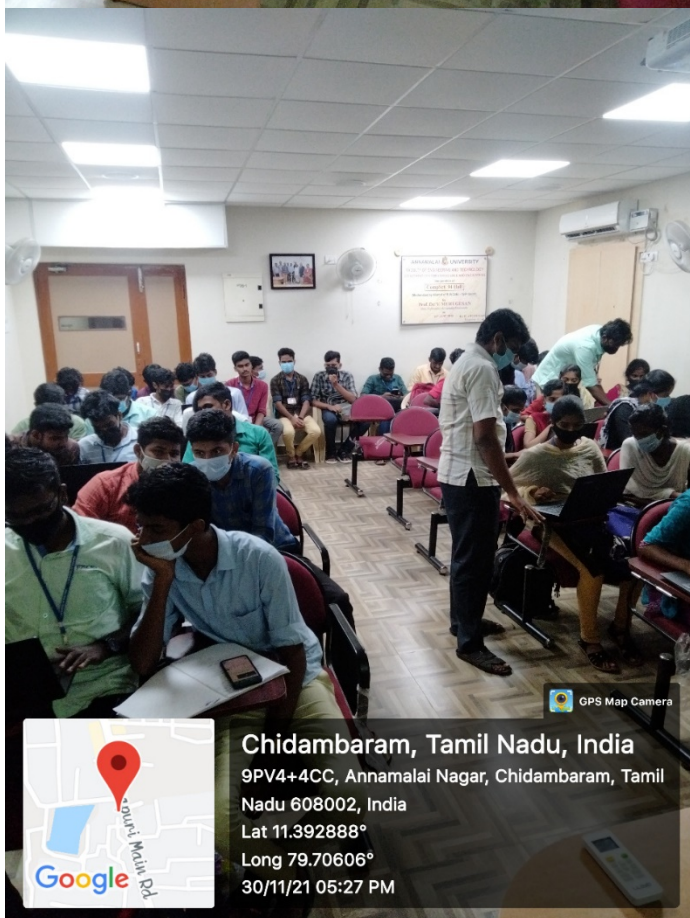




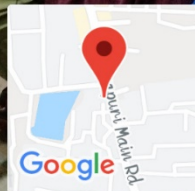
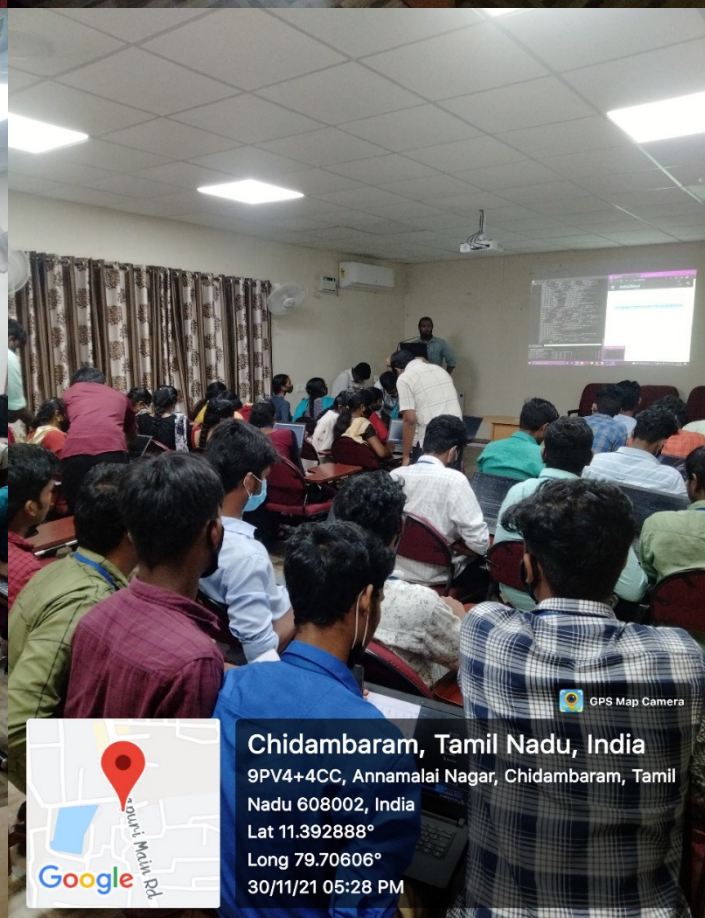
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