



Programming Club Interest Groups

In an effort to better cater to the needs of the student community Programming club, SnT Council proposes to have special interest groups focused at different fields of programming from this academic year.

Structure of Interest Groups

We plan to form four interest groups based on the different categories we have identified and interests among people

1) Web Development Interest Group - It will focus on popularizing web development in the campus community, teaching web developments to students through lectures and workshops, explore new technologies in this field and hold regular meetings, online discussions and hangouts for the interested students.

This will also cater to the needs of people interested particularly in web design (MDes students)

2) Phone App and Kinect development - For the promotion of app development culture in the community and forming a dedicated community for the same. The activities of the group will include application development for iOS, Android, Windows phone and Kinect. This group will also aim at releasing some apps in the android and windows phone and apple app store.

3) Algorithms- For the students interested in algorithmic programming and participation in various coding competitions. Special focus on competitions like ACM-ICPC

4) FOSS (Free and open source software development)- For students interested in contributing to open source community in any form. Special focus on programs like Google Summer of Code.

These would be headed by senior UG/PG student mentors experienced in their respective areas.

Functioning of Interest Groups

All these interest groups will function through lectures, meetings, online discussion, hangouts, and writing blogs.

These would be headed by senior UG/PG student mentors experienced in their respective areas called **Interest Group Leader**. The groups will be under the supervision of the current coordinators and the logistical and financial needs (if any) would be handled by them.

The role of the mentor would be to take lectures, online discussions, hangouts etc. and guide the activities of these groups.

They would be selected by an open nomination followed by an interview (if required).



Though these interest groups are separate they will work towards a common goal of advancing the knowledge of programming among the campus community and cater to the special need of students interested in different areas of programming. Also, there will be a significant overlap between the activities of different groups.

Advantages of forming specialized groups

These interest groups will help in streamline the activities of the club so that equal attention is paid to all the areas. Also, this will result in increased activities in programming in the campus.

Increased participation of the students in programming. Students will have the choice to be involved more in their area of interest.

It will create a platform where dedicated group of people will come forward and contribute to improve the level of programming culture in the campus.

Needs of students with special interests like iOS app development or open source development for a special application will also be met.

