iCoders
(Tech Club)

Proposal

iCoders will be a tech club of **Dr. B.C. Roy Engineering College, Durgapur**. Like clubs of other colleges this club will consist members from every department who are interested in technologies and coding. This club will be the first technical club in college.

PURPOSE AND OBJECTIVES:-

1. All the good colleges in today's date have a lot of CCA or Co-Curricular Activities going on around their college in the form of clubs. And we realized our college is lacking in that area. So, some of us, the students of Second year of Dr. B. C. Roy Engineering College, Durgapur decided to come together and give it a start, and formed a club that we now call '**iCoders**'.
2. We plan to do a lot of activities within this club. We mainly want to focus on what knowledge we need to gain apart from academics that will help us in the future.
3. To increase our coding skills, we plan to do different coding competitions together that are held online (for example, Codevita, organized by TCS. A lot of people took active participation in it and we believe it gives us a bit of exposure to what kind of coding we need to be exposed to, to be prepared for the future) on a regular basis.
4. We can all be updated about all the developments that is occurring in our field of programming and do discussions about it.
5. We plan to invite our knowledgeable teachers once in a while to share their knowledge and inform us about things that we need to know about, (say, coding or the industry, how can we prepare for our job interviews on technical grounds or maybe guide the students who have different ideas about what they want to do in the future etc.) or what they might be interested to teach us during our regular classes but aren't able to due to shortage of time.
6. We can conduct workshops and seminars, or even organize competitions within our college. In this way, students will be able to explore and get to know more about programming, if that interests them. And we might be able to help the students who are interested but don't know where to start. It will also help in identifying budding talents in our college.
7. Moreover, the members of this club can represent the college in coding competitions in TechFests and other events.

This club is at a very initial stage at this point and we mean to grow over time with your support and all the teachers' guidance to make it success. So any ideas and suggestions will be highly appreciated.

Key functions of iCoders will be to have:-

Sessions:-

There will be regular sessions on technologies apart from our syllabus (Ex:- Reconfigurable Computing, Cloud Computing, Artificial Intelligence, Cryptology etc) by Members of club, Teachers, Professionals. We will give priority to Open Source Techonolgies. There will be two types of Sessions:-

A) **For Members Only**: - This type of sessions will be only for members of the club.

B) **For College**: - This type of sessions will be open to every person of the college.

Coding:-

There will be regular coding competitions for members as well as for whole college. This will help students to become good programmers. And we will also have regular practice sessions among members, online as well as offline.

Events:-

Our best members of club will represent our college in Tech Events of Other College like IITs, NITs and etc. We will also make teams and participate in some big Online Tech Events & Competitions like Microsoft Imagine Cup, Google Summer of Code and etc.

Projects:-

Our members will be involved in some Innovative Projects like creating apps for different Operating Systems, Web apps and etc. as a team work under guidance of our teachers.

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