

## **Problems we, the competitive programmers, face in IIT JU:**

1. **Lack of lab facilities:** Currently labs stay closed after class hours. So, we don't get the chance to practice after class hours. However, senior batches can practice at CSE lab which stays open till 2am daily. But most two junior batches don't have the mobility to go to CSE department. So, they are discouraged to problem solving.
2. **Slow internet connection:** We've Wi-Fi almost in all labs. But, if the number of users increases we get a very slow internet speed. There're not any proper switching system and each PC don't have any Ethernet connection rather we use WAN/LAN cards to use Wi-Fi.
3. **Lack of club activities:** Few years ago we created a programming club. Though it's inactive throughout the years. There's a lack of formal communication with teachers through which monthly/yearly goals could be discussed and seasonal performance of the teams can also be discussed and evaluated.
4. **Lack of onsite contests:** There's almost no contests arranged by our institute. And so there's lack of motivation students get from our honorable teachers.
5. **Lack of trainings/camp:** We attend eight to ten onsite contests throughout the year. And an average of two teams (six members) participate in these contests. An average of eighty to hundred thousands of taka is invested by our institute in a year. But how much is invested to train the programmers?
6. **No dedicated notice board for programmers:** We feel the need of a notice board dedicated to the competitive programmers of IIT JU.
7. **No orientation:** There's no orientation dedicated to introduce and motivate newly admitted students to be a part of the competitive programming community.
8. **No TAs:** Currently there're not any TA dedicated for competitive programming training. As a result there's lack of determination and responsibilities among the trainers.

## **Proposed solutions:**

1. A lab should stay open till a certain amount of time at night. This will encourage junior batches to do competitive programming. As a result the number of programmers will increase.
2. Proper switching system and dedicated Ethernet connection to each PCs will solve the slow internet problem.
3. To increase activity of the club monthly meeting can be arranged with a faculty representative. Monthly plans, goals and performance will be discussed there.
4. Monthly contests can be arranged by our institute to encourage problem solving among students.
5. Seasonal programming camps can be arranged by our institute for beginner and intermediate difficulties. There should be an organized routine and evaluation of performances of the contestants.
6. The names of monthly top programmers decided by our programming community can be showed on the notice board, that is dedicated to programming.
7. In the orientation of the newly admitted students, there should be a section where competitive programming is introduced and encouraged by the officials. We could invite successful figures in competitive programming who were students of IIT JU and currently in job sectors.

**Proposed by**

**The Programming Community of IIT JU**

