Introduction to Computer Science

Course Policies

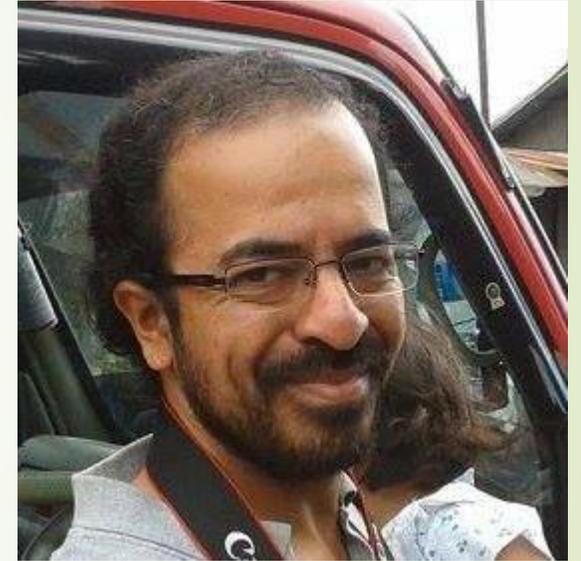Ragesh Jaiswal and Aaditeshwar Seth

Objectives of this Course

- Basic understanding of computing and computers
- Knowledge of the C programming language
  - Basic concepts like expressions, conditionals, loops, functions, arrays, structures, lists
  - Advanced concepts like files, introduction to data structures
- Designing moderately complex programs
- Basic efficiency analysis of programs
- Practical skills: Linux

Instructors

Ragesh Jaiswal

Aaditeshwar Seth

Grading Components (tentative)

Exam	Weightage
Minor	20%
Major	35%
Lab Tests x 4	30%
Lab Exercises x 13	15%

Passing Criteria

Overall: at least >= 30 out of 100

What if you miss an exam?

- You miss a lab exam or minor exam
  - If you were unwell then get a valid medical certificate before or very soon after the exam. Send it to the head TA, Anjali: CSZ198763@iitd.ac.in
  - If you faced connectivity problems then contact us during the exam and explain your situation. A protocol for communication will be given closer to the dates of the exams
  - A re-minor or face-to-face viva will take place for those who missed the minor exam. Dates will be communicated in due course
  - Depending on the number of absentees for the lab exams, we will have either have another lab test before the major exam, or we will take the best 3 out of 4 lab exams. You can miss at most 1 lab exam
  - The re-exams will be harder than the original exams!
- You miss the major exam
  - Apply for an I grade before the last date of the major exam
  - Take a re-major test when it is announced

Lab exercises

- We will have 13 weeks of lab work
  - A lab sheet with a list of tasks and assignments will be given in advance
  - Please feel free to discuss your queries/doubts with other students and TAs
  - Work in groups of up to 2 students for the lab assignment submission. Group-wise deadlines will be communicated
  - Labs are meant to be an active environment that encourage collaboration and a free flow of ideas
  - A TA mentor will be assigned to each group
  - The TAs will ensure that all the students complete as many lab tasks and assignments as possible
  - For any lab related issues, please email your TA mentor

Lab Exams

- There will be 3-4 problems in the lab exams
  - For each problem, you need to write a program
  - A dummy test case will be provided. You can test your program with this test case.
  - At the end of the test, the computer will run your program for hidden test cases
  - For each test case, there is a time limit
  - If a question is assigned k marks, and m out of n test cases run correctly, the computer will assign you a score equal to: km/n
  - At the end of the test, every student will get to see their scores

Additional Help Sessions

- Students might have a problem in:
  - Scoring well in the exams
  - Understanding English in classes and lab sessions
  - Getting familiar with computing environments
  - Issues with achieving simple tasks in the Linux operating system
  - Grasping programming language concepts
- Additional tutorial sessions will be held by the instructors where you can clarify your doubts

Communication

- All communication shall be initiated via e-mail only
- All e-mail will be sent to your valid IITD e-mail address
  - It is your responsibility to check your e-mail on a regular basis
- Scope of this document
  - It covers some of the most common issues that arise in a course
  - If a student mails the instructors or the TAs with an issue whose answer is contained in this document, then the e-mail may not be replied to.
  - If there is some issue that is not covered in this document, then please mail the head TA or an instructor

Course related Discussion

- For course related discussion, Piazza will be used in this course. It is a Q&A platform designed to encourage collaboration. A separate email will be sent with a link to enrol in the course.

- Lecture notes, lab assignments and the lab groups will be uploaded on the course website https://www.cse.iitd.ac.in/~aseth/col100-2021/col100.html.

Disciplinary Issues

- If any student is caught cheating in the exams or lab exams or lab assignments → he/she will get a **0** in that test.