



CRUX

THE PROGRAMMING AND COMPUTING CLUB



About Us

We cover all things programming and computing

We are a community of people who ❤️ programming

<https://crux-bphc.com>

We Cover All Things Programming

- 🧐 Competitive Programming
- 🎨 Design
- 🕸 Web Development
- ⚒ Systems Programming
- 🤖 Machine Learning
- 📱 App Development
- 🎮 Game Development
- 🔒 CTFs and Cyber Security

... and many more domains

Contests and Workshops

We organize workshops and contests for students.

- CodeDrift
- Binary Battles
- CruXipher
- Introduction to Machine Learning

Keep an eye out for us in the upcoming ATMoS tech fest!

Summer Groups

We hold *Summer Groups* for:

- Competitive Coding
- Web Development
- Android Development
- Flutter
- Python
- Game Development
- Machine Learning



Achievements

ACM-ICPC

- Qualified for the World Finals of ICPC
- Team `Kuch_bhi`` - 21st Rank at Pune/Gwalior Regionals

GSOC 2023

- BookBrainz - an open source bibliography database
- GNU - open-source operating system and software ecosystem



Progress



CRUx

The Programming & Computing Club

17 followers Hyderabad http

Overview

Repositories 32

Projects

Overview

Repositories 56

Projects



CRUx

The Programming & Computing Club

53 followers Hyderabad http

Projects



ChronoFactorem

Helped 2.2k users make 3.2k timetables in two days. Hopefully helped you during and after registration.



CMS App

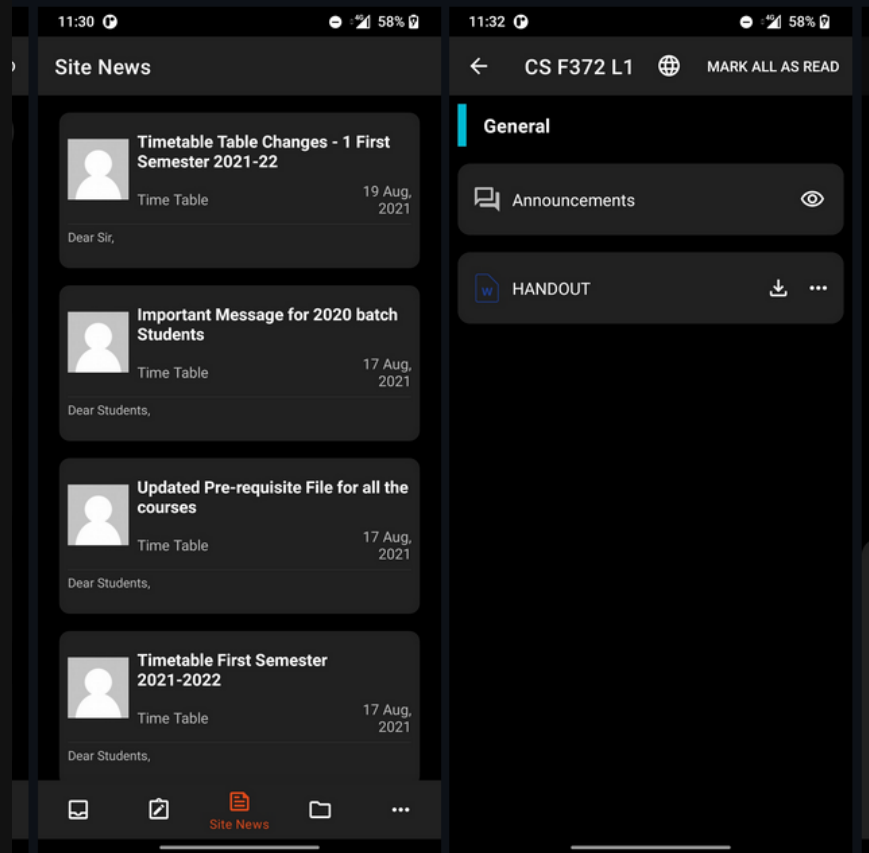
Your snake friends might not notify you for surprise quizzes, but this app will.



Android App



iOS App



DSA TRAINING 2023

Compiled Resources on Various DSA
Topics

[https://github.com/crux-bphc/DSA-
Training-2023](https://github.com/crux-bphc/DSA-Training-2023)



Chronoscript

The beating heart of
chronofactorem with features such
as free days, prof preferences,
recommendations, etc.

[https://github.com/crux-
bphc/chronoscript](https://github.com/crux-bphc/chronoscript)



In Progress

Stuff we are working on

Rideshare

A cab sharing app with BITSians

https://github.com/crux-bphc/rideshare_flutter

Snap Sorter

Machine learning based face ID and clustering to retrieve your photos from
campus events

<https://github.com/crux-bphc/snap-sorter>

How do I join CRUX?

CRUX holds inductions every semester to recruit new members.

CRUX CC

A Competitive Programming contest is held to induct new members

CRUX DEV

You submit a link of your work and candidates are interviewed in a 3-step process

Skills Required?

- A love for programming
- Effort

We are one of the only clubs that give you feedback on your work so that you can perform better next time.

Is it too late to start?

We will hold Workshops year-round to help acquaint people with programming. We induct people from any year!

PORs

President

Ansh Goyal

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CC Secretary

Rahul Jha

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Dev Secretary

Soumitra Shewale

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Thank You

Hope to see you at inductions

