



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
- 🔒 CTFs and Cyber Security
- 🎨 Design (UI/UX)
- 🕸 Web Development
- ⚒ Systems Programming
- 🤖 Machine Learning
- 📱 App Development
- 🎮 Game Development

... and many more domains

Contests and Workshops

We organize workshops and contests for students.

- Bootstrap (CC Workshop)
- Binary Battles
- CruXipher

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



Summer Groups

We hold *Summer Groups* for:

- Competitive Coding
- Web Development
- UI/UX
- Flutter
- Python
- Game Development
- Machine Learning

ACM-ICPC

- Team `{():{ :|:& };;}` participated in the World Finals of ICPC
- Team `codeCruXaders` - 21st Rank at Pune/Gwalior Regionals

CTF

- 14th in India according to CTFtime leaderboard.

GSOC 2024

- Dart - a scalable language for apps on any platform
- UC OSP0 - open source initiative by the University of California

Progress

[Overview](#) [Repositories 56](#) [Projects](#)



CRUX
The Programming & Computing Club
53 followers Hyderabad [Website](#)



CRUX
The Programming & Computing Club
86 followers Hyderabad [Website](#)

Projects



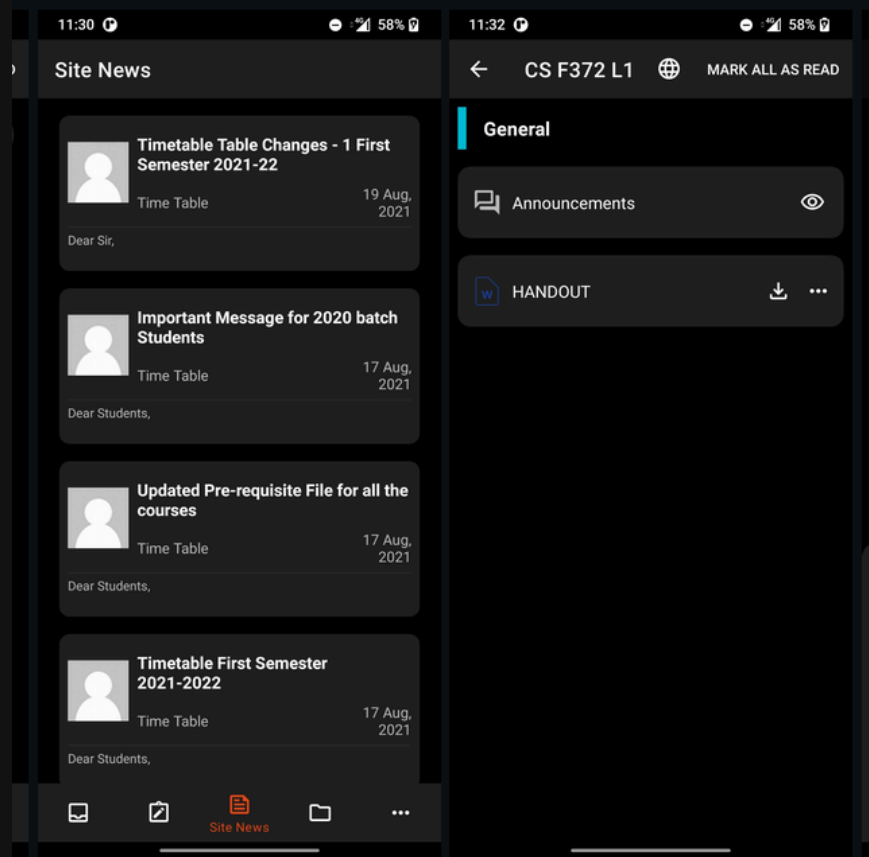
ChronoFactorem

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



Summer Groups 2024

<https://github.com/crux-bphc/dev-summer-group-2024>



Rideshare App

lorem ipsum dolor sit amet lorem
ipsum dolor sit amet lorem ipsum
dolor sit amet lorem ipsum dolor
sit



Android App

Create Trip

Enter from place

to

Enter to place

Start Limit:

26th July

End Limit:

26th July

3:01 AM

3:31 AM

Seats available 1

Enter a description

»

Slide to confirm

B

Airport
TO
Campus

26th July
10:30 AM - 12:00 PM
2 seats available

P

Airport
TO
Campus

27th July
7:30 PM - 8:00 PM
3 seats available

S

Airport
TO
Campus

28th July
11:50 AM - 12:20 PM
2 seats available

V

Airport
TO
Campus

30th July
9:30 AM - 11:00 AM
3 seats available

R

Airport
TO
Campus

30th July
6:00 PM - 7:00 PM
3 seats available

DSA TRAINING 2023

Compiled Resources on Various DSA
Topics

<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

Lex

An all in one app for all your academic needs.

Torrent Client

A Torrent Client written from scratch in pure Rust.

Lumos

A game engine written completely from scratch in C++ using OpenGL.



"work hard bro one day you got 7* coder
codechef, international grandmaster on
codeforces your cp skill beat Sundar
Pichai and you become next CEO in
google"

Karthik Prakash, Dev Secretary



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

CRUX CTF

A CTF contest is used to judge your proficiency

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

PORs

President

CC Secretary

Dev Secretary

Mudit Somani

Varun Reddy

Karthik Prakash

9717697767

7082410996

6309481575

Thank You

Hope to see you at inductions