

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 `codeCruXaders` 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 OSPO** - open source initiative by the University of California

Progress

 Overview  Repositories 56  Projects



CRUX
The Programming & Computing Cl
53 followers  Hyderabad 



CRUX
The Programming & Computing Club
86 followers  Hyderabad 

Projects

ChronoFactorem

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



Welcome to

ChronoFactorem ^β

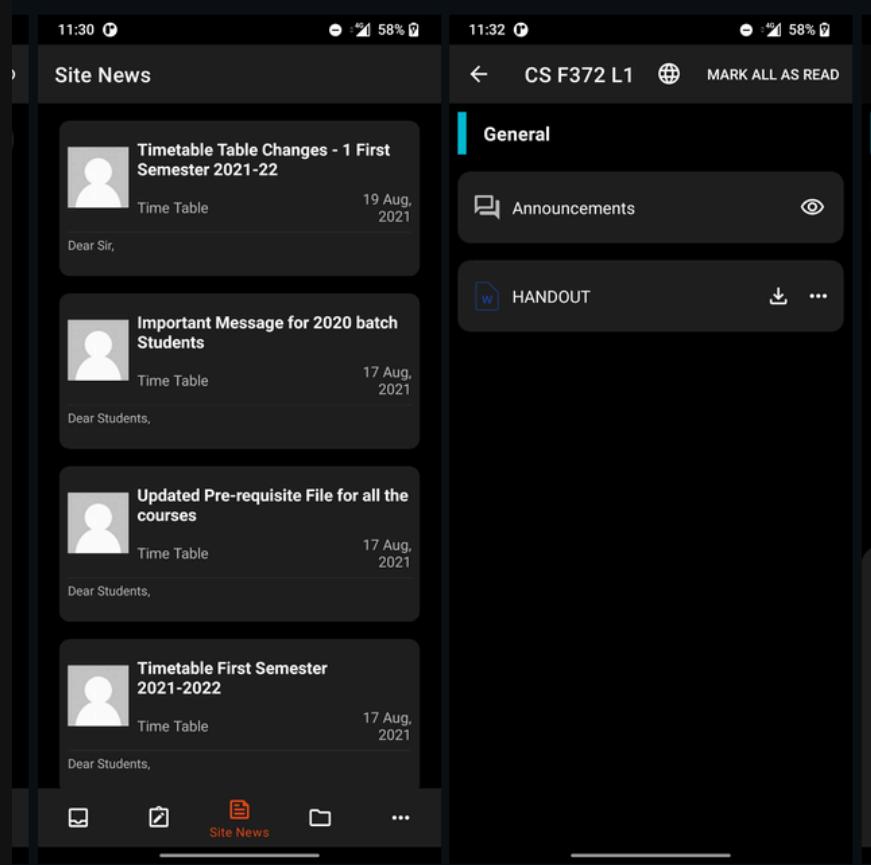
@ [Login with Google](#)

About ChronoFactorem ^β

Powered by CRUX: The Programming and Computing Club of BITS Hyderabad

Summer Groups 2024

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



Rideshare App

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Android App

The image displays two side-by-side screenshots of a mobile application for ride sharing. The left screenshot shows the 'Create Trip' screen, which includes fields for 'Enter from place' and 'to', a date range selector ('Start Limit: 26th July' to 'End Limit: 26th July'), a time range selector ('3:01 AM' to '3:31 AM'), a seat selection dropdown ('Seats available 1'), and a text input field for 'Enter a description'. A button at the bottom right says 'Slide to confirm'. The right screenshot shows a list of scheduled trips, each represented by a purple circle with a letter (B, P, S, V, R) and a small icon, followed by the trip details: 'Airport TO Campus' and the date and time. The trips are listed for '26th July', '27th July', '28th July', '30th July', and '30th July'. Each entry also indicates the number of seats available (2 or 3). The bottom navigation bar features icons for home, messages, a plus sign, and profile.

Date	From	To	Time	Seats Available
26th July	Airport	Campus	10:30 AM - 12:00 PM	2 seats available
27th July	Airport	Campus	7:30 PM - 8:00 PM	3 seats available
28th July	Airport	Campus	11:50 AM - 12:20 PM	2 seats available
30th July	Airport	Campus	9:30 AM - 11:00 AM	3 seats available
30th July	Airport	Campus	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>



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!

P0Rs

President

Mudit Somanı

CC Secretary

Varun Reddy

Dev Secretary

Karthik Prakash

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Thank You

Hope to see you at inductions