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

Projects

ChronoFactorem

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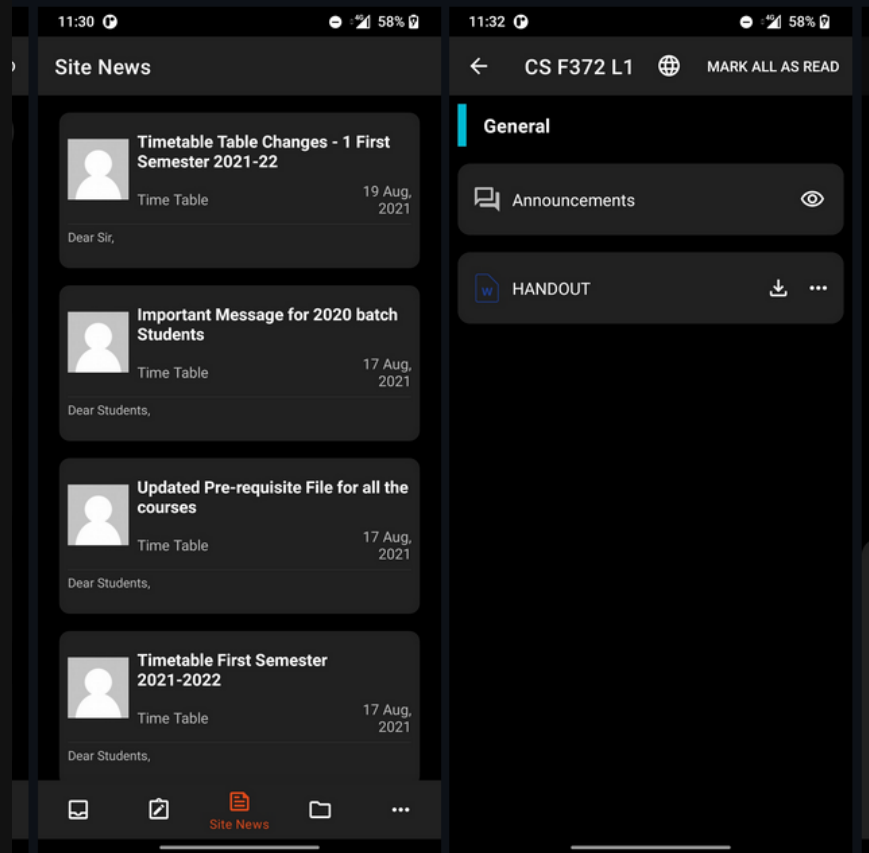
CMS App

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

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

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

Game Engine

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

"We're going to write so much software, you're going to be tired of all the software. You'll say 'please no stop it's too much software we can't take it anymore'"

Soumitra Shewale, 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

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	CC Secretary	Dev Secretary
Ansh Goyal	Rahul Jha	Soumitra Shewale
9717697767	7082410996	6309481575

Thank You

Hope to see you at inductions