# Team – CodeBuster IIT Bhubaneswar

presents our Open Source Project

Developed in UtkalHacks 2.0

### **Current Scenerio**

Most of Indian engineers work in service sector.

IT companies are laying off the employees

Unemployment in Engineers.

## **Current Scenerio**

- In India, SDE don't work on cutting edge technology as compared to US, UK etc.
- Indians are under performing in almost every International coding competitions.
- Majority of Indian students are not able to clear FAANG interviews, even after having so much experience in development.

## Why this problem exists?

Lack of problem solving and analytical skills.

• In long terms, they will find it difficult to cope up with cutting edge technology.

# Any potential solution

One potential solution is Competitive Programming.

Along with improved problem solving skills, we get to work on cutting edge technology which requires in-depth knowledge of Data Structures and Algorithm.

 Everyone knows this but most of us are not doing CP seriously.



# Why students are not doing CP??

- It is easy to start but requires consistency, patience and hard work.
- Obviously, a continuous support of helping community.

# **Proposed Solution**

# **BoostYourCP**A Open Source Project

Developed in UtkalHacks 2.0

#### **Contest Reminder**

Are these mails sufficient to encourage?

Not even for those who are willing to participate.



Codeforces Round 612 Inbox





3:35

noreply@codeforces.com





Attention! The round starts on Sunday, January, 5, 2020 14:05 (UTC).



Hello, howkeye.

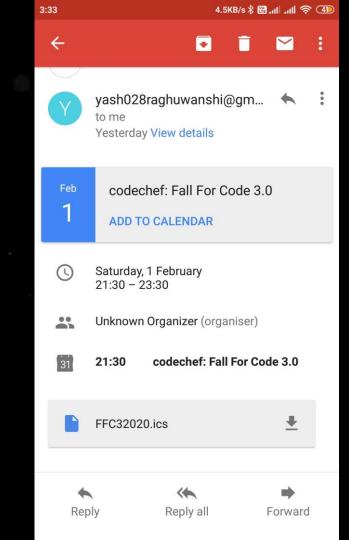
I'm glad to invite you to take part in Codeforces Round 612. Actually it will be two separate rounds "Codeforces Round #612 (Div. 1 Only)" and "Codeforces Round #612 (Div. 2 Only)". The division problemsets will share many problems, but not all of them will be the same. So, Div. 1 users should register on "Codeforces Round #612 (Div. 1 Only)" while Div. 2 users should register on "Codeforces Round #612 (Div. 2 Only)". It starts on Sunday, January, 5, 2020 14:05 (UTC). The contest duration is 2 hours. The allowed programming languages are C/C++, Pascal, Java, C#, Python, Ruby, Perl, PHP, Haskell, Scala, OCaml, Go, D. JavaScript, Rust and Kotlin.

**Register Now** →

#### **Contest Reminder**

Our new personalised contest reminders will set reminders for you.

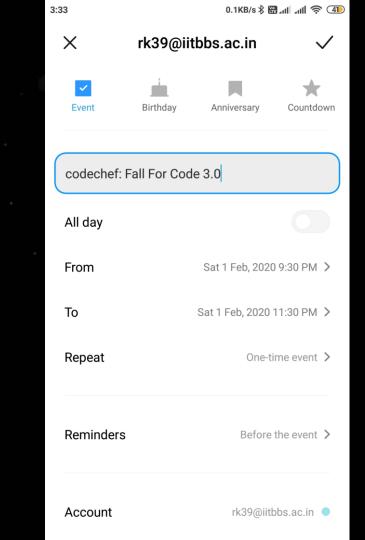
Will soon integrate with OAuth 2.0



#### **Contest Reminder**

You can easily set reminders for contests in your mobiles.

It is working with other calendar apps.



# Different Coding Platforms

Our Model

Intra-college leaderboard

Controller

Personalised Contest Reminders Place to share resources

# **Contest Reminder – How it works!!**

#### **CodeChef**

**Codeforces** 

Codechef API was not available due to some technical issues.

Used public API provided by them.

**Used Scrapping.** 

Will be extended for other platforms soon

# Intra-College Leaderboard

We will be integrating different platforms rating to compare user progress at one place.

Compare with your peers directly.

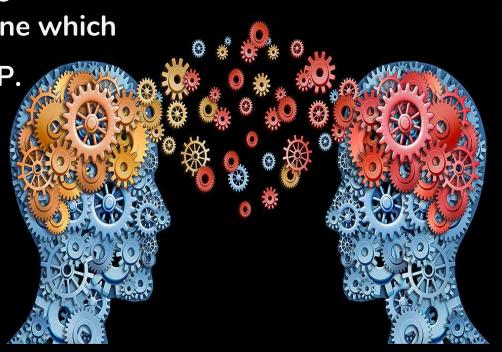


## Resource Sharing/Discussion Forums

Fellow programmers can share resources directly with everyone which

is very helpful to improve in CP.

Can share their progress, approach and share news related to it.



# **Technology Stack**

Django **Scrapping Tools** API **Cron Scheduler** iCalendar



HTML
CSS
JavaScript
Bootstrap
Crispy forms

#### **Future Works**

Badge system based on ML.

Will extend it to other coding platforms.

Will also try to host Puzzle contests.

For Geeky like us, a fully supported CLI based version will be released soon.

Peer to peer Chat support

# THANK YOU

WebApp is under testing.

Will be released soon!!

**Any Questions?**