

# Game of Codes

## The competitive coding event of technovate 2.0

**Competitive programming** is a mind sport usually held over the Internet or a local network, involving participants trying to program according to provided specifications. It is recognized and supported by several multinational software and Internet companies, such as Google, and Facebook.

A programming competition generally involves the host presenting a set of logical or mathematical problems to the contestants (who can vary in number from tens to several thousands), and contestants are required to write computer programs capable of solving each problem. Judging is based mostly upon number of problems solved and time spent for writing successful solutions.

Therefore to encourage the college students to develop a problem solving ability , we at technovate 2.0 will be organising our own competitive coding event .

# Event Outline

- **Online Practice round**

An online practice round will be conducted on codechef to make the participants familiar with the coding environment of the event and to give them a glimpse of the type of questions that will be asked.

- **Final Round**

A full- fledged 3 hour long competitive coding round in which participants can participate individually or in a team of two.

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# Rules and Regulations

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- Candidates can participate **individually** or in teams of **two** in the the main event but there will be individual participation in the online round .
- Coding Platform : Codechef
- Languages supported : C/C++ , Java , Python or any other language supported by Codechef
- Registration can be done online or on the spot.
- Team Size :
  - maximum 2 members (for main round)
  - Individual participation in online and beginner's round
- Students participating in beginner's round will not be allowed to participate in the main round.
- Unfair means or plagiarism of any kind will lead to immediate disqualification
- In case of disputes the decision of the organizing committee will be final.

## **Evaluation Criteria**

- All teams will be given the same set of problems to solve.
- Each problem will have a specified point value. The more difficult the problem, the more points a correct solution will receive.
- Programs will be tested by an online judge by running them with a set of test inputs. The output for each test case will be marked as right or wrong using keys prepared before the contest.
- Winner will be decided based on the points scored .
- The exact evaluation criteria of codechef will be followed.

# Certificate Policy

- Top 2 teams/participants will be awarded the certificate of excellence , T-shirts and the announced prizes.
  - Certificate of participation will be awarded to all the participants.
  - Winner of the online round will be awarded a cash prize.
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For further details **contact :**

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