

# Algocrack

## (No Coding Just Cracking)

### Description:-

It is a unique and exciting competition where teams of two work together to solve challenging problems by showcasing their creativity, logical thinking, and mathematical reasoning. The judging criteria emphasize the variety of algorithms proposed and the perfection of their logical flow. This competition is perfect for individuals passionate about exploring innovative solutions, enhancing their problem-solving abilities, and pushing the boundaries of algorithmic design in a stimulating and collaborative environment.

### Rules and Regulations:-

Date : 29th Jan 2025

Venue : Academic Block

Team Size : 1 or 2 members

No. of rounds : 2 (qualifier - 1 hour, final - 45 mins)

Total Time : 2 hours

Requirements : pen, No electronics allowed

Coordinators : Dharmadhaashan P (6380316883), Ketha Aakash (9491787436)

### Judging criteria:-

In **Algocrack**, success comes from creativity, innovation, and precision. Teams will be judged on how many different algorithms they propose and how well their solutions work. Presenting unique and efficient approaches will earn higher scores, with a focus on creative thinking and problem-solving. Solutions should be clear, logical, and handle all cases effectively while being optimized for the best performance.

**Points will be awarded in a unique Fibonacci sequence style**, adding a mathematical twist to the scoring system. Bonus points are given for early submissions, while points are reduced for asking for help

### Qualifier (Round 1):-

The competition begins with a high-stakes Qualifier Round featuring **5 coding challenges** and **3 aptitude questions for bonus points + one ultra hard question for bonus**. Teams will be judged not only on the accuracy of their solutions but also on their creativity—how many unique approaches they can devise. Points will be awarded in a unique Fibonacci sequence style, adding a mathematical twist to the scoring system. Crack the code, embrace creativity, and climb the Fibonacci ladder to secure your place in the next round!"

### Final Round:-

The **Final Round** will push your limits further, featuring **5 challenging questions** with the same Fibonacci-based scoring system. With a time limit of **30 to 45 minutes**, only the sharpest minds will prevail. Show your ingenuity, outthink the competition, and claim victory in Algocrack!"