

SEASON-II

# BRAHMĀSTRĀ

INVOKE YOUR ULTIMATE POWER

CHAKRAVYUH

# CODATHON

Calling all coders! Get ready for an electrifying One-day coding competition RCM's Codathon! This city-wide event brings together the brightest computer science minds from across universities to compete, collaborate, and push their programming powers to the limit. This event allows individuals to Challenge themselves, sharpen their Skills to establish network and build Connections

**DATE:** 27th April 2024

**REPORTING TIME:** 9:30am-1:30pm

**VENUE:** Smart Classroom

## RULES OF THE GAME

- Electronics' gadgets like mobile, smart watch etc. are not allowed.
- Use of internet is prohibited.
- Participants must adhere to the time limits specified for each round.
- Any form of cheating or plagiarism will result in immediate disqualification.

## ENROLLMENT CRITERIA

- One team consisting of two members.
- The members must bring their own laptops.
- Members must know one of the following languages C/Java

### → Round 1: Error Detection (30 minutes)

In this round paper-based Examination.

You will be presented with 20 code snippets containing deliberate errors (syntax errors, logical errors, etc.). Identify and mark the errors within the code following a pre-defined format (e.g., highlighting, commenting).

Points will be awarded for correctly identified errors.

### → Round 2: Missing Code (30 minutes)

In this round paper-based Examination.

You will receive 5 code snippets with intentionally missing lines.

Analyze the code and write the missing line(s) to achieve the intended functionality.

Correctness and efficiency of the completed code will be evaluated for points.



## RULES OF THE GAME (CONTD.)

### → Round 3: Basic Algorithm Design (30 minutes)

You will be presented with 2 problems requiring algorithm solutions.

Focus on designing clear, concise, and efficient code for given algorithm.

Points will be awarded based on the code's correctness, efficiency (time and space complexity), and clarity.

### → Round 4: Code Optimization (30 minutes)

You will be given 2 working code snippets that can be improved for better performance.

Analyze the code and identify areas for optimization (e.g., reducing time/space complexity, improving readability).

Points will be awarded based on the effectiveness of the optimization techniques used and the clarity of your explanations.



POC

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REGISTER NOW!



**ENTRY FEES:** ₹300 Only  
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2<sup>nd</sup> Prize : ₹3000  
3<sup>rd</sup> Prize : ₹2000

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