

DATE: 24-03-2023



Marwadi
University
Marwadi Chandarana Group

COMPETITIVE PROGRAMMING CLUB

CodeCrack Challenge 1.0

**INFORMATION AND
COMMUNICATION
TECHNOLOGY**

**FACULTY OF TECHNOLOGY
MARWADI UNIVERSITY, RAJKOT**



1. Introduction:

The CodeCrack Challenge 1.0 was an exciting and intellectually stimulating coding event aimed at testing participants' logical thinking, problem-solving abilities, and understanding of data structures. The event was structured into three competitive rounds, each designed to challenge different aspects of coding proficiency. The event took place on March 24, 2023, at MA107 from 11:00 AM to 2:00 PM.

2. Event Overview:

The event was divided into three rounds:

- **Round 1: Logical Puzzles** – Participants were given logical puzzles commonly asked in interviews. The group that solved the problem first was awarded points.
- **Round 2: Code Tracing** – A C++ code snippet was displayed, and teams had to determine the correct output and explain the logic behind it. Teams that provided the most accurate and detailed explanations earned points.
- **Round 3: Having Fun with Data Structures** – Teams were given a data structure problem (such as inserting into a stack or tree). One member wrote the algorithm on the board while the rest of the team arranged themselves to simulate the execution of the program.

The cumulative scores from all three rounds determined the winning team.

3. Attendance and Participants:

The event had a total of **25 students** in attendance. The event witnessed active participation from students with a keen interest in coding and problem-solving. Several teams competed, each consisting of multiple members collaborating to solve challenges. The event was well attended by both participants and spectators who enthusiastically engaged with the problem statements.

4. Achievements and Outcomes:

- Participants enhanced their logical thinking and problem-solving skills.
- Improved debugging and code-tracing abilities among participants.
- Strengthened teamwork and collaboration skills.

- The event successfully fostered a competitive yet friendly learning environment.
- A winning team was declared based on their cumulative performance across all rounds.

5. Challenges:

- Some participants found the code-tracing round challenging due to complex logic in the given code snippets.
- Time constraints added pressure, making it difficult for some teams to complete tasks quickly.
- Ensuring that all teams received equal opportunities to participate actively in all rounds.

6. Feedback and Evaluation:

- Participants appreciated the unique and engaging format of the event.
- The interactive data structures round was particularly well received as it made learning fun.
- Some suggestions included extending the time for code tracing and incorporating more diverse problem statements.
- Organizers received positive feedback on the event's structure and execution, with recommendations to hold similar events in the future.

7. Conclusion:

The CodeCrack Challenge 1.0 was a resounding success, providing an excellent platform for students to test and enhance their coding and analytical skills. The enthusiastic participation and positive feedback from attendees demonstrated the effectiveness of the event. Future iterations of the challenge can incorporate suggested improvements to make the experience even more enriching. Overall, the event successfully achieved its objective of promoting problem-solving and logical reasoning in a competitive yet enjoyable manner.

8. Attachment



9. Attendance:

| Enrollment No | GR No | Participant Name |
|---------------|--------|--------------------------------|
| 92100133086 | 115114 | NIVA RATHOD |
| 92100133083 | 115050 | VARUN RAVINDRABHAI UMARALIYA |
| 92100133014 | 115019 | AJAY DINESHBHAI RANK |
| 92100133071 | 114699 | VENISHA DINESHBHAI PARMAR |
| 92100133070 | 114696 | BHAKTI KISHANBHAI SUKHADIYA |
| 92100133069 | 114681 | AMEE RAMESHBHAI VAGHELA |
| 92100133068 | 114680 | VARTIKA PRATUL VACHHANI |
| 92100133067 | 114673 | DHRUVI KARTIKBHAI KOTHARI |
| 92100133066 | 114670 | ARPIT DIPAKKUMAR AGRAVAT |
| 92100133064 | 114643 | KHUSHI HARESHBHAI PANDYA |
| 92100133063 | 114639 | RUTIK KHIMJIBHAI PARMAR |
| 92100133062 | 114638 | DARSHIT KIRITBHAI PARMAR |
| 92100133061 | 114626 | NIDHI DIPAKBHAI DHINOJA |
| 92100133060 | 114621 | ARJUN JENTIBHAI KUKADIYA |
| 92100133059 | 114617 | DEVAN TUSHARBHAI BHENSDADIYA |
| 92100133058 | 114609 | DHARMI ARVINDBHAI JAVIYA |
| 92100133057 | 114606 | DARSHAN MAYANI |
| 92100133052 | 114541 | HASTI VIPULBHAI HAJIPARA |
| 92100133051 | 114514 | DHARA LALIT KORIYA |
| 92100133049 | 114502 | DEEP SURYANKANTBHAI MANANI |
| 92100133048 | 114476 | RUSHIRAJSIKH NARENDRASIKH ZALA |
| 92100133047 | 114463 | ALFRED DUKU KENNETH JOSEPH |
| 92100133045 | 114454 | JATIN ARVINDBHAI SOJITRA |
| 92100133044 | 114430 | YUVRAJ HITESHBHAI THORIYA |
| 92100133043 | 114425 | HEET RAMESHBHAI CHOTHANI |

Club Name: Competitive Programming

Date: 24-03-2023

Event Name: CodeCrack Challenge 1.0

How would you rate the overall event experience?(Select one)

- ☐ Poor
- ☐ Average
- ☐ Good
- ☒ Very Good
- ☐ Excellent

How satisfied were you with the quality of the speakers/presenters?(Select one)

- ☐ Highly Satisfied
- ☒ Satisfied
- ☐ Neutral
- ☐ Dissatisfied
- ☐ Highly dissatisfied

How satisfied were you with the flow of the event?(Select one)

- ☐ Highly Satisfied
- ☐ Satisfied
- ☒ Neutral
- ☐ Dissatisfied
- ☐ Highly dissatisfied

Was the content relevant to your technical interests and knowledge level?(Select one)

- ☐ Extremely Relevant
- ☒ Slightly Relevant
- ☐ Neutral
- ☐ Slightly Relevant
- ☐ Not relevant at all

Any Other comments that you would like to mention?

It helped me develop my problem
solving skills.

Club Name: Competitive programming Date: 24-03-2023

Event Name: codecrack challenge 1.0

How would you rate the overall event experience? (Select one)

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- ☐ Very Good
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- ☐ Highly dissatisfied

Was the content relevant to your technical interests and knowledge level? (Select one)

- ☐ Extremely Relevant
- ☒ Slightly Relevant
- ☐ Neutral
- ☐ Slightly Relevant
- ☐ Not relevant at all

Any Other comments that you would like to mention?

It can be more improved, but it was
good.

Club Name: Competitive Programming Date: 24/03/23

Event Name: Codcrack Challenge 1.0

How would you rate the overall event experience? (Select one)

- ☐ Poor
- ☐ Average
- ☒ Good
- ☐ Very Good
- ☐ Excellent

How satisfied were you with the quality of the speakers/presenters? (Select one)

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- ☒ Slightly Relevant
- ☐ Neutral
- ☐ Slightly Relevant
- ☐ Not relevant at all

Any Other comments that you would like to mention?

Good communication and engaging
events.

Club Name: competitive programming Date: 24/03/23

Event Name: CODE CRACK CHALLENGE 1.0

How would you rate the overall event experience?(Select one)

- ☐ Poor
- ☐ Average
- ☐ Good
- ☐ Very Good
- ☒ Excellent

How satisfied were you with the quality of the speakers/presenters?(Select one)

- ☒ Highly Satisfied
- ☐ Satisfied
- ☐ Neutral
- ☐ Dissatisfied
- ☐ Highly dissatisfied

How satisfied were you with the flow of the event?(Select one)

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- ☒ Satisfied
- ☐ Neutral
- ☐ Dissatisfied
- ☐ Highly dissatisfied

Was the content relevant to your technical interests and knowledge level?(Select one)

- ☒ Extremely Relevant
- ☐ Slightly Relevant
- ☐ Neutral
- ☐ Slightly Relevant
- ☐ Not relevant at all

Any Other comments that you would like to mention?

Club Name: Competitive prog. club Date: 24/03/23

Event Name: Code Crack Challenge 2.0

How would you rate the overall event experience?(Select one)

- ☐ Poor
- ☐ Average
- ☒ Good
- ☐ Very Good
- ☐ Excellent

How satisfied were you with the quality of the speakers/presenters?(Select one)

- ☐ Highly Satisfied
- ☒ Satisfied
- ☐ Neutral
- ☐ Dissatisfied
- ☐ Highly dissatisfied

How satisfied were you with the flow of the event?(Select one)

- ☐ Highly Satisfied
- ☒ Satisfied
- ☐ Neutral
- ☐ Dissatisfied
- ☐ Highly dissatisfied

Was the content relevant to your technical interests and knowledge level?(Select one)

- ☒ Extremely Relevant
- ☐ Slightly Relevant
- ☐ Neutral
- ☐ Slightly Relevant
- ☐ Not relevant at all

Any Other comments that you would like to mention?

Overall event was fun, & the speaker
delivered the event well.

Club Name: Competitive Programming Date: 24/3

Event Name: Codecrack Challenge 1.0

How would you rate the overall event experience? (Select one)

- ☐ Poor
- ☐ Average
- ☐ Good
- ☒ Very Good
- ☐ Excellent

How satisfied were you with the quality of the speakers/presenters? (Select one)

- ☐ Highly Satisfied
- ☒ Satisfied
- ☐ Neutral
- ☐ Dissatisfied
- ☐ Highly dissatisfied

How satisfied were you with the flow of the event? (Select one)

- ☐ Highly Satisfied
- ☐ Satisfied
- ☒ Neutral
- ☐ Dissatisfied
- ☐ Highly dissatisfied

Was the content relevant to your technical interests and knowledge level? (Select one)

- ☐ Extremely Relevant
- ☒ Slightly Relevant
- ☐ Neutral
- ☐ Slightly Relevant
- ☐ Not relevant at all

Any Other comments that you would like to mention?

The event was amazing & interesting.