

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 coding task on MVC Architecture was conducted on 13th January 2023. The session aimed to provide hands-on experience in implementing the Model-View-Controller (MVC) design pattern, a widely used architectural pattern in software development. The event was held in MA115 and engaged students in practical coding exercises.

2. Event Overview:

The session covered the following key aspects:

1. Introduction to MVC Architecture and its importance.
2. Explanation of the roles of Model, View, and Controller in software development.
3. Hands-on coding exercises to implement MVC in various programming languages.
4. Debugging and optimizing MVC-based applications.
5. Best practices and real-world applications of MVC.
6. Interactive Q&A session to address doubts and provide further guidance.

3. Attendance and Participants:

The event had a total of **25 students** in attendance, all of whom actively participated in coding tasks and discussions. The engagement and problem-solving approach demonstrated by students contributed to the success of the session.

4. Achievements and Outcomes:

1. **Understanding of MVC Architecture:** Students gained a solid understanding of MVC principles and its application in software development.
2. **Practical Implementation Skills:** Participants successfully implemented MVC concepts in coding tasks.
3. **Debugging and Optimization:** Students learned how to debug and optimize applications following the MVC pattern.
4. **Confidence in Using MVC:** The session boosted students' confidence in applying MVC to their projects.

5. Challenges:

1. **Time Constraints:** Covering all essential aspects of MVC within the allocated time was challenging.
2. **Diverse Skill Levels:** Some students required additional guidance, while others sought advanced challenges.

6. Feedback and Evaluation:

The session received positive feedback, with students appreciating the hands-on approach, real-world applications, and structured problem-solving exercises. Many requested more advanced sessions on design patterns and software architecture.

7. Conclusion:

The Coding Task on MVC Architecture held on 13th January 2023 successfully provided students with practical experience in implementing the MVC pattern. Despite minor challenges, the event effectively met its objectives, equipping students with valuable coding skills and reinforcing their understanding of software architecture.

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	RUSHIRAJ SINH NARENDRASINH 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

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- ☐ Neutral
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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: 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)

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- ☐ Extremely Relevant
- ☒ 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)

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

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- ☐ Dissatisfied
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- ☒ 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.