

DATE: 28-09-2024



Marwadi
University
Marwadi Chandarana Group

COMPETITIVE PROGRAMMING CLUB

GIT & GITHUB

INFORMATION AND COMMUNICATION TECHNOLOGY

**FACULTY OF TECHNOLOGY
MARWADI UNIVERSITY, RAJKOT**



1. Introduction:

The event on **September 28th, 2024**, held in **MA115**, was open to students from all streams and introduced them to **Git and GitHub**. It provided practical insights and hands-on experience with version control and collaborative development.

2. Event Overview:

1. A presentation was presented which gave a brief about Introduction to Git and GitHub.
2. Installation and setup (git installation in local machine).
3. Taught basics of git (commands, branches, merges, conflict resolution).
4. Taught github usage and application (repositories, pull requests, issues).
5. Taught repository and it's usage (structure, commit history, best practices).
6. Solved doubts.

3. PO Mapping and Justification:

- **PO5 (Modern Tool Usage)**

Justification: Participants learn to use Git and GitHub, which are essential tools for version control, collaboration, and software development, enhancing their technical proficiency with modern development environments.

- **PO6 (The Engineer and Society)**

Justification: GitHub fosters open-source contributions and teamwork, enabling engineers to collaborate on global projects that address societal and technological challenges.

- **PO8 (Ethics)**

Justification: Using Git and GitHub promotes ethical coding practices, including proper attribution, maintaining transparency in software development, and adhering to licensing agreements.

- **PO11 (Project Management and Finance)**

Justification: GitHub provides project management features such as issue tracking, pull requests, and CI/CD pipelines, helping engineers efficiently manage software projects and resources.

- **PO12 (Life-long Learning)**

Justification: GitHub exposes participants to open-source contributions, continuous integration workflows, and collaborative coding, fostering a culture of lifelong learning and professional growth.

4. PSO Mapping and Justification:

- **Mapped with PSO2**

Justification: Git and GitHub are widely used in cloud computing, DevOps, security, AI, and big data. Understanding these tools enables graduates to efficiently contribute as developers and analysts in these domains.

5. Attendance and Participants:

The event had a total of **35 students** in attendance, all of whom were participants. These participants consisted exclusively of open to all students. The enthusiastic engagement and active participation of these students contributed to the success of the event.

GrNO	Enrollment number	Name
126658	92400133034	Vineesha Deepakbhai Madnani
127171	92400133048	Bhavarth Vinodbhai Bhambhani
132253	92400133055	Ruhaan Pathan
128660	92400133086	Shashidhar Y R
128171	92400133073	Devarsh Bhatt
130930	92400133158	Dhwani Desai
122940	92400133130	Mohit Parmar
131574	92400133169	Rishi Sampat
130870	92400133154	Akshat shah
129602	92400133108	Krish Sondagar
129601	92400133109	Prince h vaghasiya
131119	92400133161	Diva Parekh
127463	92400133058	Aum Dave
127392	92400133054	Godalka Dharmik
129825	92400133115	DHAVAL CHAVDA
131716	92400133156	Kalaria Diya Rajesh
125714	92400133020	Saloni Ramavat
132074	92400133120	Ira bhogayata
126700	92400133037	Heer Mehta
128779	92400133089	Darshit Kacha
119459	92200133025	Umang Hirani
131913	92410133036	Poojan Mori
119437	92200133023	Fenil Vadher
120815	92301733016	Ashutosh Kumar Singh
123095	92301733067	Manav Dharmesh Mandalia
122640	92301733051	Tanvi Batukbhai Kakadiya
121063	92301733025	Mihir Malikali Mithani
121725	92301733028	Disha Pareshbhai Vadoliya
121249	92301733036	Niki Majithiya
120736	92301733013	Mit Jayesh Solanki
122195	92301733038	Divy Shantilal Dedaniya

123024	92301733061	Kirti Anilbhai Shingala
120704	92301733006	Zeenat Abdulcadre Abuchir Dosso
120945	92301733024	Isha Devendrabhai Savaliya
120824	92301733017	Harsh Vishalbhai Trivedi

6. Achievements and Outcomes:

1. **Git and Github Mastery:** Participants gained a solid grasp of Git and GitHub, enabling them to initiate and manage version control for software projects efficiently.
2. **Streamlined Collaboration:** Attendees developed proficiency in using Git commands for collaboration, including creating branches, and merging changes.
3. **Seamless Git Setup:** Achieving successful Git installations and configurations on various platforms.

7. Challenges:

Internet Connectivity Challenge: The primary challenge encountered during the event was unreliable internet connectivity at the venue. This issue significantly hindered the smooth installation of Git and GitHub. Participants faced delays and disruptions while attempting to download software packages and initialize repositories, impacting the overall pace and effectiveness of the hands-on installation session. Additionally, **because the college systems were administrator-protected, certain configuration commands could not be executed**, forcing us to find alternative methods to achieve the desired setups. To mitigate the impact of these connectivity issues, the organizers adapted by providing alternative resources and emphasizing the importance of pre-event downloads, ensuring that participants still gained valuable insights and skills despite the obstacles.

8. Feedback and Evaluation:

The received feedback and evaluations of the Git and GitHub sessions are positive, with students demonstrating improved knowledge, enthusiasm for installation and coding, and appreciation for supportive instructors. A few participants noted technical issues preventing practice and expressed a desire for more time to explore the topic. Overall, the sessions are perceived as useful, interactive and interesting, with positive feedback on a well-crafted presentation and support for the speaker.

9. Conclusion:

In conclusion, the event on **September 28, 2024**, effectively introduced students to the basics of Git and GitHub. Despite minor challenges, participants gained practical experience in version control, repository management, and collaboration. The hands-on nature of the session, combined with the collaborative environment, helped students build essential technical skills while fostering a sense of teamwork. Overall, the event successfully met its objectives, preparing attendees for future projects and encouraging a community-driven approach to learning.

10. Attachments:





Club Name: Competitive ProgrammingDate: 28/9/24Event Name: Git & Github

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?

Enjoyed the session a lot. Got to learn a
lot. Overall experience was great.

Club Name: competitive programming

Date: 28/8/24

Event Name: Cont & Conclude

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?

An incredible event!!

Club Name: Competative programming club

Date: 28-9-2024

Event Name: git & git hub

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 experience was excellent as well as speakers
also good, flow of event was not well content
was informative

Club Name: Competitive Programming Date: 28-9-24
Event Name: Git and Github

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 was a well put together event. The experience
was informative, interesting and engaging. I learned a
lot during the event and the flow was well
managed. Overall it was a excellent event.

Club Name: CP Club

Date: 28-9-24

Event Name: Git and Github

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?

Nice management!

Club Name: CP club

Date: 28-09-24

Event Name: Git 2 Github

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?

I rate the event as a very
good event

Club Name: Competitive Programming

Date: 28-09-24

Event Name: Cit & Cithub

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 was a really informative event and would
expect such events in the future.

Club Name: Competitive Programming Date: 24-09-24

Event Name: git and github

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?

Good explanation with deeper
guidance and presentation