



Git-hub Club Computer Science and Engineering Department

Summary Report

Seminar Topic: Fundamentals of QA Engineering

Event Speaker: Mr. Milind badame. He is a QAE at NTUC Enterprise LTD. He is having a more than 11 years of experience in IT industry.

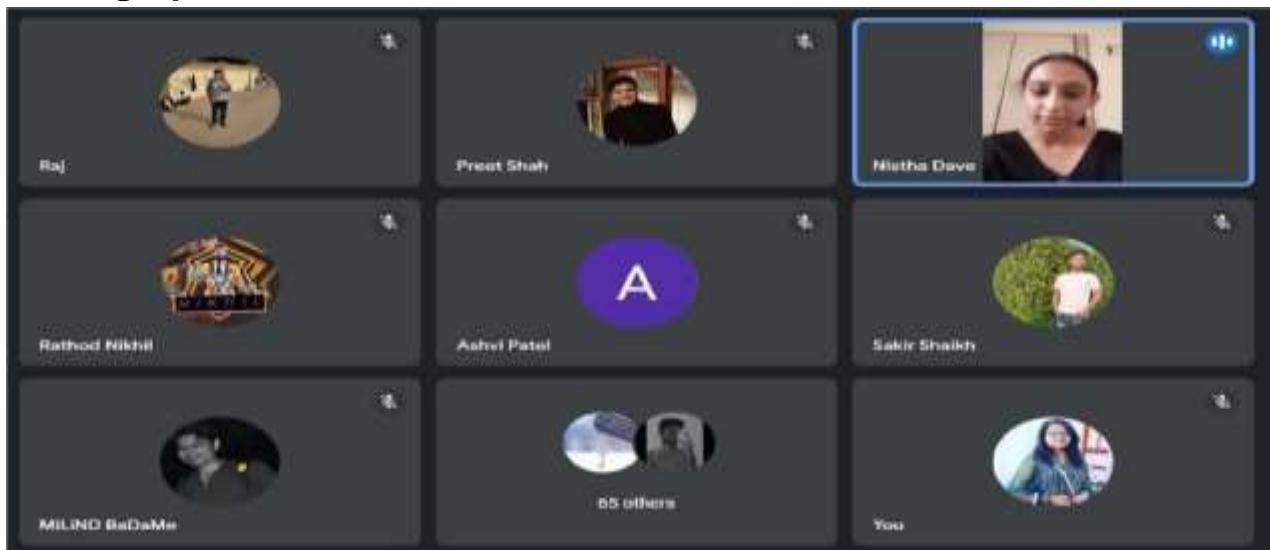
Highlight of event:

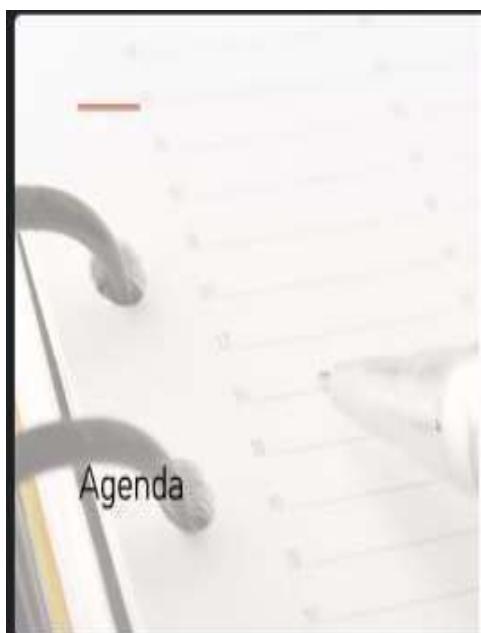
- On Date of May 28th 2023 code hives (Git-hub club) GEC Patan has organized a webinar on Fundamentals of quality assurance Engineering.
- The session was conducted online as a webinar considering the essential knowledge about how software testing is done and quality assurance of software product, what are the scope in that field. Around 65 students have taken part in the event.
- Session was started by our webinar Host Ms. Nishtha Dave, she started session by greeting good morning to all attendees in the webinar, then she give intro about speaker and handover the session to speaker.
- Mr. Milind takeover the session and started with basic introduction and give glance about his technical career.
- Then he started with where testing fits into industry. Why we need to check the quality of our software. Because as an end product we need a high quality product.
- For becoming a good QA need some skills: Enthusiasm, collaboration, understanding of domain knowledge.
- Testing work on a software testing life cycle which include various phases like: Analysis, test planning, test case development, environment setup and test execution. Discussed about types of testing: functional & non-functional.
- After he gave insight about what is the difference between manual testing and Automation. Then he talk about QA role before 10 years before and now. Nowadays in the industry automation technique is introduced.
- QA career tracks: Test Automation Engineer, QA lead, security tester, test architect, Business Analyst, Scrum master etc.
- After he discuss about Automation tools which is currently used by industry for testing: like selenium, test sigma, cypress etc.

- After completing the session he was move forward to the Q&A session. All those who have doubt they asked their doubt and our speaker entertain each one by one with a very particular answer.
- And lastly, Ms. Niki vaghela adjourned the webinar on behalf of the code hives team by offering the speakers her sincere gratitude for the speaker for sharing their valuable time and enlightening information.
- This event is successfully arranged by code hives club, expertly led by Ms. Ashvi Patel and her team. Under the wise guidance of prof. Sachin Makwana, prof. jay Patel, and with the constant help and encouragement from Head of the Department Dr. harikrishna jethva.

- **Seminar Duration: 1:50 Hours**
- **Total Students Attendees: 65**
- **Seminar Date : 28 May 2023, Sunday**
- **Seminar Time : 10:40am–12:30am**

Photographs of event:





- About me
- Where QA/Testing fits into Industry
- What I need to be a good QA
- Going in depth of Software Testing
- Expectations from a beginner by industry
- QA career tracks
- Q&A

Expectations from a beginner by industry

- Basic Programming, OOPs, Scripting languages
- Data Structure and Algorithms
- Selenium, Automation tools, APIs
- Framework Knowledge, Test Design and Execution
- DevOps - Jenkins, GIT, Cloud
- Tools and Technologies

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Milk_002 11:22
What is Monkey testing?

Milk_002 11:34
What is the difference between Verification and Validation?

You 11:33
If automation is there, what is the need of QET?

Code Hives 11:36
Can you explain your experience with different testing methodologies, such as black-box testing, white-box testing, and grey-box testing?

Raj 11:38
Can you explain me unit testing and automated testing like jest and react testing library?

Milk_002 11:40
How to design test cases?

Raj 11:42
what is the difference between Jest and React Testing Library?

