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**Sarvajanic University
Sarvajanic College of Engineering & Technology
Masters in Computer Applications Department**



Report On Webinar of “Quality Assurance”

Objective of the Webinar

- Quality Assurance helps identify errors and flaws in the software code and design throughout the development process to prevent loss of time and money.
- With an intend to make aware our students of importance Software Quality and it's vast opportunity in industry, MCA department arranged a Webinar on “Quality Assurance” with speaker working as Quality Coach to deliver quality from last 8+ years.



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MCA DEPARTMENT



Organizes Webinar on

Quality Assurance

**Date: 12/07/2021
9:30 AM Onwards**

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CO-ORDINATOR
DR. KAUSHIKA PAL

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MS. RAJNEE VASAIKAR
QUALITY CO-ORDINATOR,
LORICA HEALTH, SYDNEY AUSTRALIA

Details of the Webinar

Date and Time:	12 th July 2021 (9:30 AM to 10:30 AM)
Venue:	Online (Google Meet)
Targeted Audience	Faculty members and Students of MCA Department
Coordinated By:	Dr. Kaushika Pal
Participants:	55
Speaker	Ms. Rajnee Vasaikar, Quality Coordinator, Lorica Heath, Sydney, Australia
Key Learning	Agile Testing Process, Testing Life Cycle, Use of Sprints, Use of Kanban, Scrum Master, Scrum Master Role, Quality Assurance as Preventive measure, Quality Assurance is Process oriented, Engineering approach and Operation approach, Jira, Testing is corrective measure and Product oriented.

Webinar in Brief:

- The Webinar started with an quick introduction of **Ms. Rajnee Vasaikar** by **Dr. Kaushika Pal**.
- Ms. Rajnee started with an introduction of traditional model of software development and moved to **test life cycle** and it's importance. She discussed importance of an **analytical** mind to design test cases. She shared with her experience that **Agile Testing process** is widely used these days which includes Sprint Task for easy achievement of task and better back tracing. She briefly explained User Story Analysis, Plan and Estimation, Test design and review, Setup of test environment, test execution, defect reporting, Regression testing and release.
- She discussed how important **Quality Assurance** is which aims to assure quality product and is process oriented to prevent product from failing, where as testing is product oriented and is corrective measure.
- She discussed about **Scrum Master, Sprints and Kanban** and where they are used.
- She informed about **Quality Coach** role in organizations.
- Q & A session was carried out and numerous questions on Scrum Master, Sprints with example and **Agile development model** was answered to students.
- Ms. Rajnee suggested to make students work on **projects using agile**.

Some Glimpse of the Webinar:

The image shows a woman wearing a headset, likely a participant or host of the webinar. To her right is a Google Meet interface. The top slide is titled "Testing Vs Quality Assurance" and includes a diagram comparing QA and Testing. The bottom slide is titled "PDCA Cycle" and shows a circular diagram of the cycle.

Testing Vs Quality Assurance

Testing = Quality Assurance = Quality Product

	Quality Assurance	Testing
Definition	Activities designed to ensure the software complies to the requirements	The process of testing a system to find defects
Purpose	Quality control and ensuring the requirements	Quality improvement and bug fixing
Demonstration	Process oriented	Product oriented
Activity Type	Preventive	Corrective
Aim	To assure the quality	To confirm the quality

PDCA Cycle

The PDCA cycle is a four-stage process for continuous improvement:

- Plan:** Establish a baseline, identify priorities, set improvement goals and standards.
- Do:** Implement actions, plan to achieve goals.
- Check:** Monitor and measure, find and fix, document results.
- Act:** Evaluate, apply lessons learned, identify as necessary.

The image shows a Google Meet interface with a slide titled "Agile Scrum Board" displayed. The slide content is a screenshot of a Jira board. To the right of the slide is a grid of participant avatars, including Rajni Vasalkar, 57_Garima_Bhootra, Kaushika Pai, Alpa Shah, 53_Nency Bhaisha, 27_Hetal Vesuwala, Prachi Salunka, and 45 others. The bottom of the screen shows the time 10:20 AM and the title "Quality Assurance Webinar".

Agile Scrum Board

The slide displays a Jira board with columns for "To Do", "In Progress", and "Done". The board contains several tasks, including "Requesting available flights in the coming 15 months", "Register with the new version of the app", and "Establish a working center to provide real service".

Chrome File Edit View History Bookmarks Profiles Tab Window Help

Webinar on "Quality Assurance" x Meet - Quality Assurance x

meet.google.com/snj-trsk-xog

REC rajni vasalkar is presenting

Agile Testing Process

The diagram illustrates the Agile Testing Process as a continuous cycle. It starts with 'Test Design & Review' (The team collaborates on test cases, ensuring they align with requirements and user stories). This leads to 'Plan & Estimate' (The team estimates the effort required for testing and integrates it into the sprint planning). Next is 'Test Execution' (The team executes test cases, reporting defects and updating test results). This is followed by 'Defect Reporting' (The team reports defects, ensuring they are tracked and resolved). The cycle then moves to 'Test Case Review' (The team reviews test cases, ensuring they are up-to-date and relevant). Finally, the process concludes with 'Test Case Review' (The team reviews test cases, ensuring they are up-to-date and relevant). The cycle is supported by 'Sprint Backlog' and 'Sprint Tasks'.

Participants: rajni vasalkar, 57_Garima_Bhootha, Alpa Shah, 93_Shivani_Meghanathi, 49 others, You.

Click here to set emojis

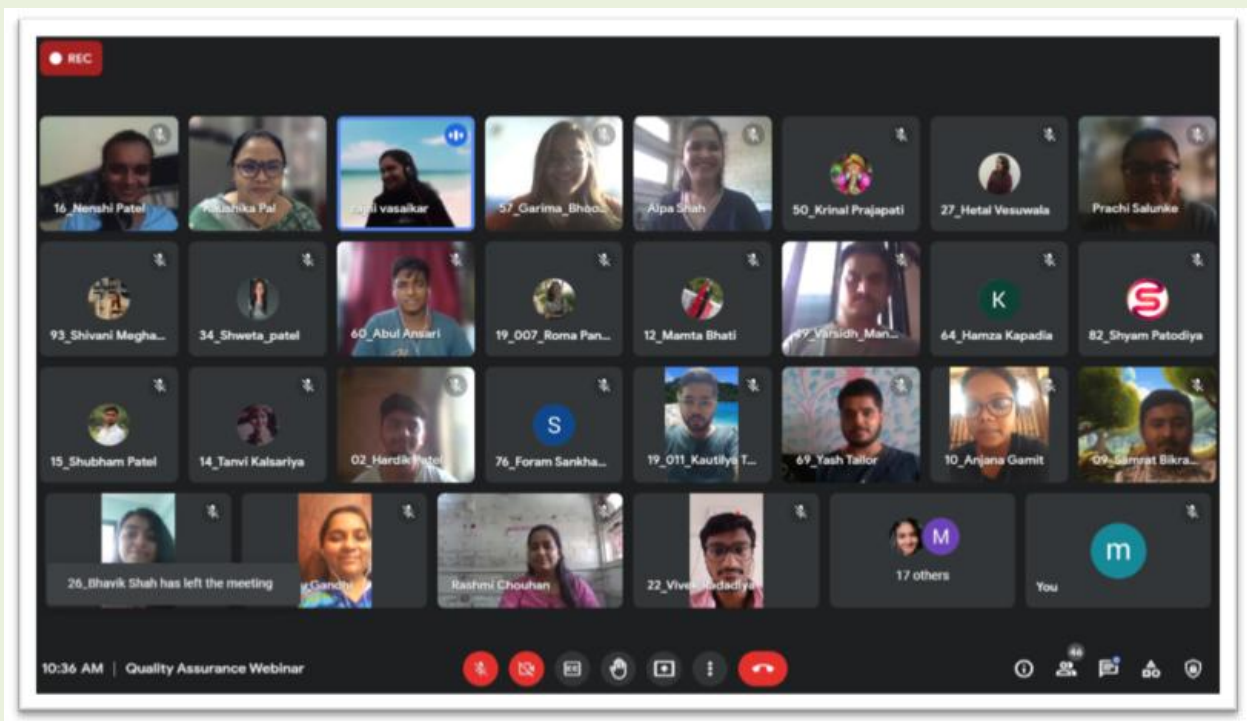
REC rajni vasalkar is presenting

STLC (Software Testing Life Cycle)

The diagram illustrates the Software Testing Life Cycle (STLC) as a circular process. It starts with 'Requirement Analysis' (The team analyzes requirements to identify testable elements). This leads to 'Test Planning' (The team plans the testing strategy, including test cases and test environments). Next is 'Test case development' (The team develops test cases based on requirements and test planning). This is followed by 'Test Environment setup' (The team sets up the test environment, ensuring it matches the production environment). Finally, the process concludes with 'Test Execution' (The team executes test cases, reporting defects and updating test results). The cycle is supported by 'Test Environment setup' and 'Test case development'.

Participants: rajni vasalkar, 51 others, You.

Click here to set emojis



Feedback of the Webinar:

Comments if any

15 responses

It was an informative seminar

Good knowledge

it was very wonderful session.

i want to know more about company and requirement for QA in foreign country as an employee.

Nothing

nice webinar

good session but if more time batter understanding.

NA

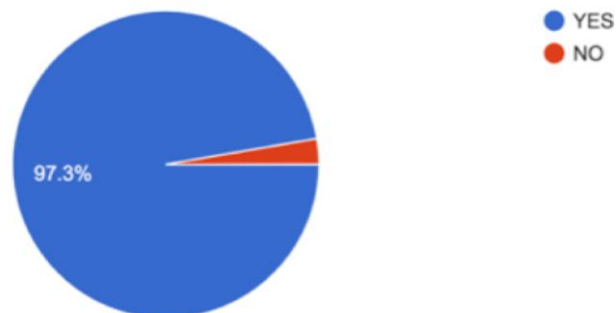
Good webiner

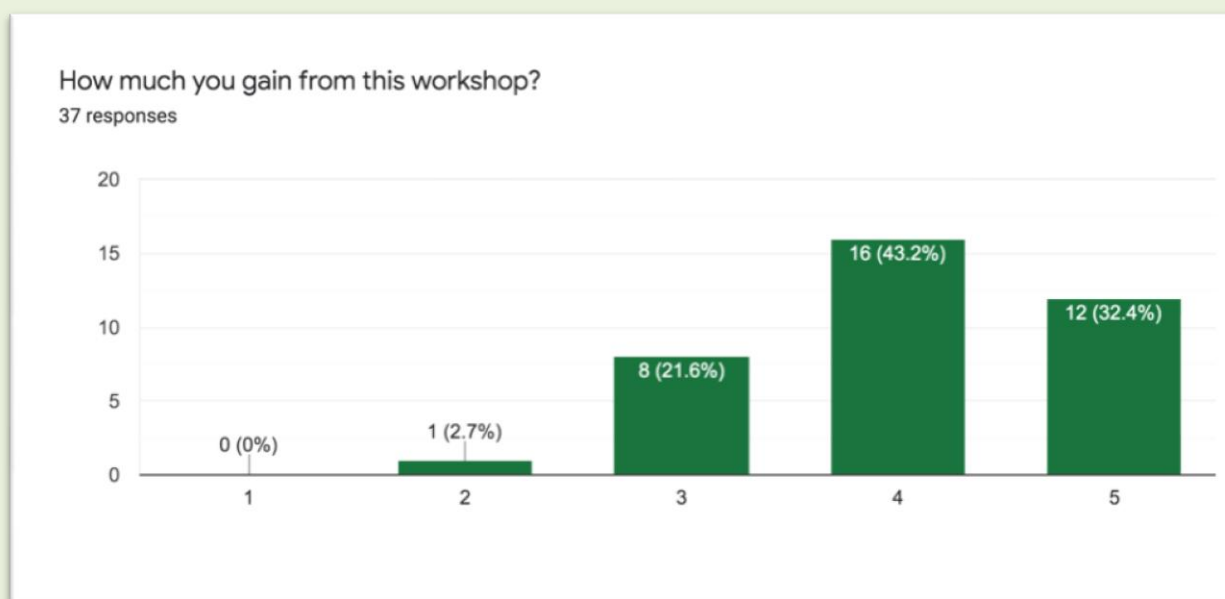
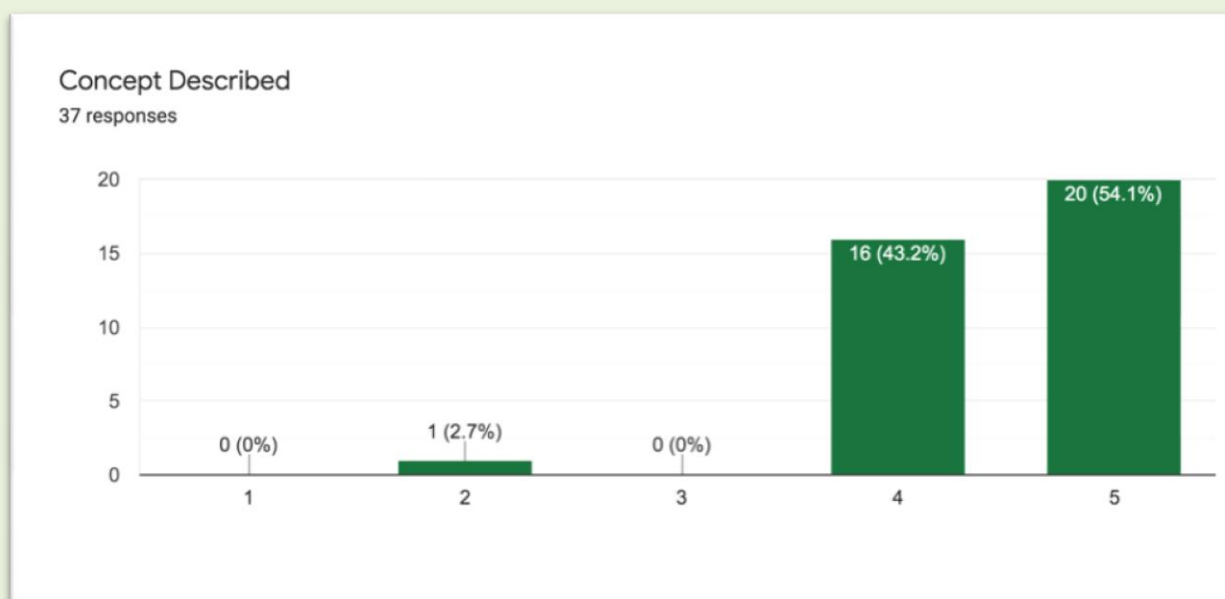
Its good webinar for the student.....

Good Session

Would you like to learn more on this subject?

37 responses





The response to the webinar and feedback by the students was good. Some comments of the participants have been presented in report. **Dr. Alpa Shah** thanked Speaker to share her knowledge and appreciated students to sincerely attend the webinar. We would like to thank **Dr. Hiren Patel**, Principal, SCET, for providing an opportunity to schedule such webinars.

Report compiled by Dr. Kaushika Pal