<p align="center">A Report on Guest Lecture titled
"Software Testing Tools & Techniques"
Organised by Department of Computer Applications
14.03.2024</p>

Report Submitted by: Dr. N. Nirmala Devi, Assistant Professor, Department of Computer Applications.

Resource Person Details: Mrs. Nithya Kalyani R., BE., MBA, Quality Assurance Director, Explorance, Chennai

Mode of Conduct: Online

Venue: Seminar Hall C

Date &Time: 14.03.2024 @ 10 AM TO 12PM

Participants: I-MCA 77 students and 7 faculty members

Report Received on 18.03.2024

Description: To gain knowledge on software testing & tools.

The session should mainly focus on:

- About Software Testing
- Types of Software Testing
- Importance of Quality Assurance Testing
- To provide good products to clients with the help of QA testing.

Key Outcomes:

- Overview of software testing
- Different types of software testing
- To know various kinds of testing tools
- How to apply software testing tools
- Create profiles in professional websites like Linked In, Naukri, etc.
- How to crack jobs in software testing field

Feedback from participants:

- Clear clarity about software testing
- Gained ideas on the testing tools
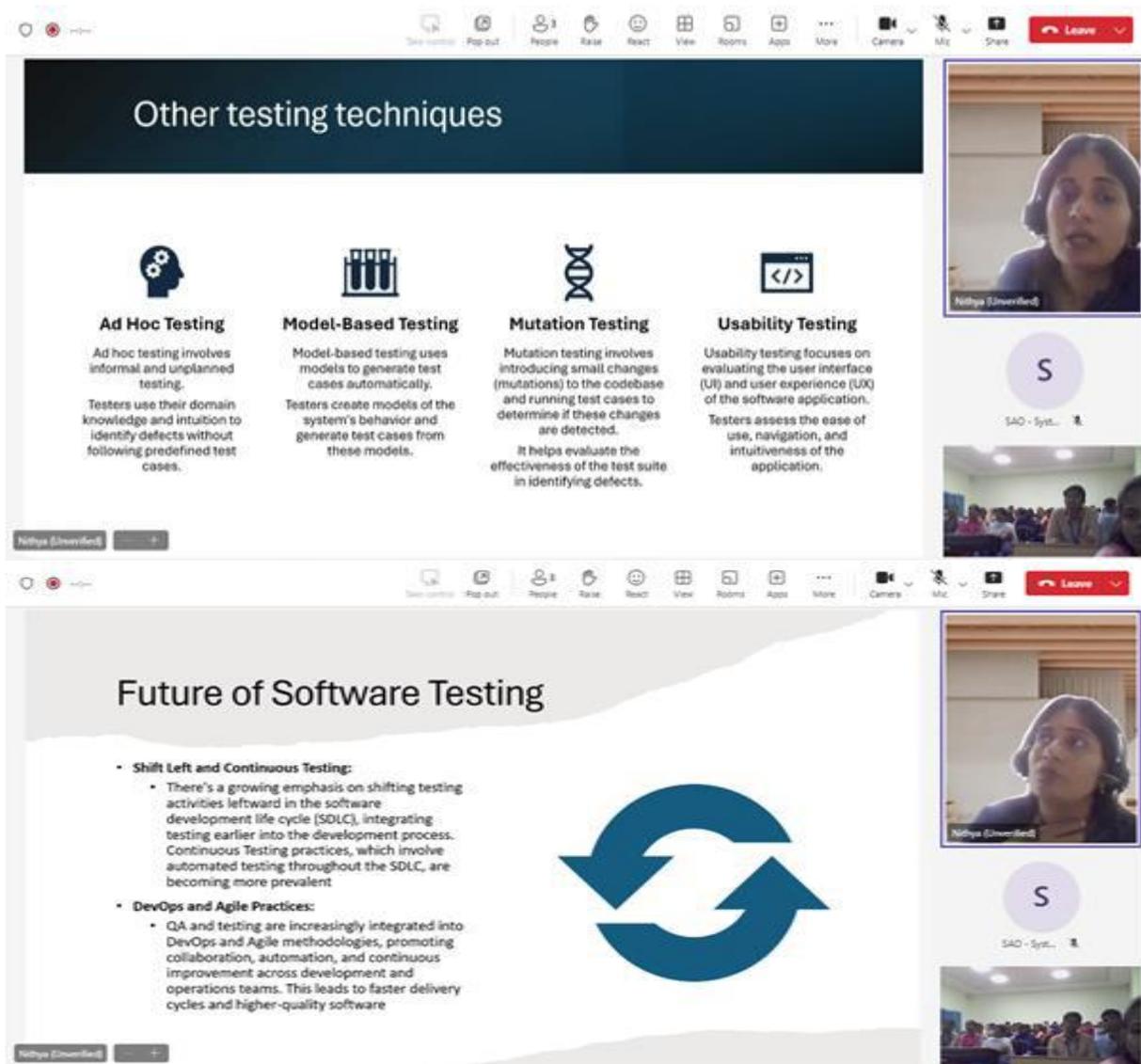- Importance of QA testing in computer applications

Welcome Address:

The guest lecture organized by the department of computer application on the topic 'Software Testing Tools & Techniques' was conducted online mode through Microsoft Teams on 14th March 2024. Ms.Ruchita R. from I st MCA extended the welcome speech and Dr. C. Sivaraj, Assistant Professor & Head i/c, Dept. of MCA, gave a brief introduction and importance of software testing tools. Dr. N. Nirmala devi, Assistant Professor, Dept. of MCA, introduced the resource person to the participants, and the session was handed over to the resource person, Mrs. Nithya Kalyani R.

Resource Person Lecture:

The content of the presentation included software testing, software development cycle (planning, development, testing, build & pack, and release the software) , importance of testing (risk mitigation, quality assurance, and cost saving), testing classification (function and non-functional testing), testing types (unit testing, component testing, smoke testing, integration testing, regression testing, system testing, and acceptance testing), phases of SDLC, STLC different types of tools, and

automation & manual testing. Also, she motivated the students to create profiles in professional websites like Linked In, Naukri, etc., which will help them by more job offers in and around the world.

Vote of thanks:

All the students effectively utilized the opportunity and interacted with the resource person in the discussion forum. The program was concluded with the vote of thanks by RaviTeja A. from Ist MCA.

The program coordinator, Dr. N. Nirmala Devi, would like to thank the Principal, Vice Principals, and the Head of the Department who have supported and encouraged for the successful completion of the program.