

SARANATHAN COLLEGE OF ENGINEERING

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai-25)

Venkateswara Nagar, Panjappur, Tiruchirappalli - 620 012, Tamil Nadu.



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CRITERION: 5.4.1

Alumni Engagement

2022 - 2023

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Chennai)
(Accredited by NAAC - A+ Grade)



Department of Computer Science and Engineering

WORKSHOP ON

"RECENT TRENDS IN TEST AUTOMATION"



Resource Person:

MR. RATHNA PRASHANTH M

Software Development Engineer in Test
at Trimble Inc, Chennai

[Date: 26.04.2023]

[Time: 10.00 AM – 04.30 PM]

Venue: JS Conference Hall

Dr.V.Punitha
Head-CSE

Dr. D. Valavan
Principal

Shri. S. Ravindran
Secretary



SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING **Report on the Workshop on Recent Trends in Test Automation** **(Date: 26.04.2024)**

The workshop on "Recent Trends in Test Automation" conducted by Mr. Rathna Prasanth M, a seasoned Software Development Engineer in Test at Trimble Inc., Chennai, provided invaluable insights into the rapidly evolving landscape of test automation. Held on April 26, 2023, the workshop aimed to equip participants with the latest tools, techniques, and methodologies essential for effective test automation in contemporary software development environments.

Topics Covered:

Session 1: Introduction to Test Automation

Session 2: Emerging Trends in Test Automation

Session 3: Hands-on Sessions on Test Automation Tools

Session 4: Best Practices and Case Studies and Q&A Session

Mr. Rathna Prasanth began the workshop with a comprehensive introduction to the fundamentals of test automation, emphasizing its significance in modern software development cycles. Participants gained insights into emerging trends shaping the test automation landscape, including the integration of artificial intelligence, machine learning, and continuous testing practices. The workshop included practical sessions where participants got hands-on experience with popular test automation tools such as Selenium, Appium, and Robot Framework. This interactive approach enabled attendees to apply theoretical concepts in real-world scenarios. Mr. Rathna Prasanth shared best practices gleaned from his extensive experience in the field, along with illuminating case studies illustrating successful test automation implementations.

A lively question and answer session allowed participants to seek clarification on various topics and engage in fruitful discussions with the facilitator. Feedback from participants was overwhelmingly positive, with many expressing appreciation for the depth of knowledge shared by Mr. Rathna Prasanth and the practical relevance of the workshop content. Attendees particularly valued the hands-on sessions, which they found instrumental in enhancing their understanding of test automation concepts.

The workshop on Recent Trends in Test Automation by Mr. Rathna Prasanth M provided a valuable platform to stay abreast of the latest developments in test automation. Through a combination of insightful presentations, hands-on exercises, and interactive discussions, participants gained valuable skills and knowledge essential for thriving in today's dynamic software testing landscape.


HOD – CSE



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Cordially invites you to the

Training on Amazon Elastic Compute Cloud (EC2)

by

Ms. Nivetha Jayachandran

Senior Consultant

Virtusa Consulting Services Pvt. Ltd.

Venue: CSE Seminar Hall

Date : 19.10.2022

Time: 9.30 am to 11.30 pm

Mr. D. Boobala Muralidharan
CO-ORDINATOR

Dr. V. Punitha
HOD – CSE



SARANATHAN COLLEGE OF ENGINEERING

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING **Report on the Training on Amazon Elastic Compute Cloud (EC2)** **(Date: 19.10.2022)**

A comprehensive training program on Amazon Web Services (AWS) cloud infrastructure was conducted for the non-teaching staff members of the IT Support Group within the Computer Science and Engineering department. The online training session held on 19.10.2022, featured Ms. Nivetha Jayachandran, Senior Consultant Virtusa Consulting Services Pvt. Ltd., as the resource person. The program focused on imparting knowledge about the complete installation, configuration, and the numerous benefits associated with EC2. The focus of the training was on the following key areas:

Participants were guided through the entire process of creating EC2 server instances, ensuring a hands-on understanding of the setup. A step-by-step walkthrough of the configuration process for various AWS services was provided, allowing participants to gain proficiency in setting up and managing cloud resources. Ms. Nivetha emphasized the advantages and features of EC2, shedding light on how it can enhance efficiency, scalability, and reliability in IT operations.

The AWS cloud infrastructure training program was instrumental in equipping the non-teaching staff members of the Computer Support Group with valuable skills and knowledge. As organizations increasingly shift towards cloud-based solutions, such training initiatives play a vital role in ensuring that IT support teams are well-prepared to handle the challenges and opportunities presented by cloud computing technologies. The department acknowledges the expertise shared by Ms. Nivetha and remains committed to fostering continuous learning in emerging technologies.

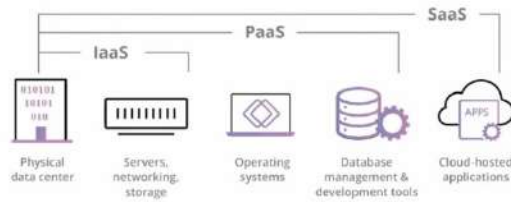
The following staff members from the Computer Support Group actively participated in the training program:

S. No.	Staff Name	Designation
1	Mr.V.ChandraMouli	System Manager
2	Mr. K. Arunkumar	Network Administrator
3	Mr. R. Anbuselvan	Programmer
4	Mr. S. Mohammed Arif	Computer Technician
5	Mr. S. Sakthivel	Programmer
6	Mr. A. David	Programmer

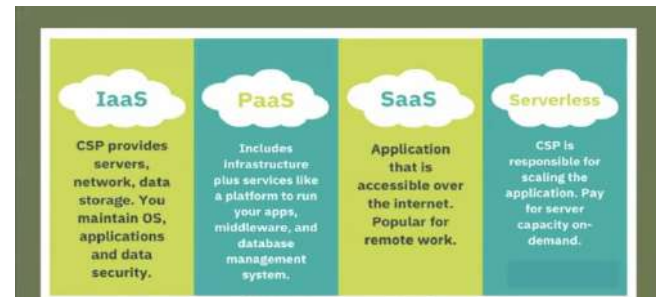

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What is Cloud ?

Service Model



Benefits of Cloud computing



Enterprises on AWS



Why use AWS ?



AWS services overview

Consider a web application which is to be hosted

