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MARATHWADA MITRA MANDAL'S
INSTITUTE OF TECHNOLOGY
Lohgaon, Pune-411047

Ref. No.: MMIT/AI&DS/2022-23/34

Date: 19/05/2023

"Excellence in the field of AI & DS"

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE

NOTICE

All the students of SE AI & DS are hereby informed that we have arranged Industry Expert Lecture on "**Emerging Trends in Software Testing**" by Mr. Rameshwar Indoriya, Senior Software engineer at Publicis Sapient, Pune on 20th May, 2023 (Saturday).

The details about Session:

Date: 20-05-2023 (Saturday)

Mode of Conduction: Online (Google Meet)

Time: 1.30 PM – 3.30 PM

ATTENDANCE IS MANDATORY.

Coordinator
Ms. R. A. Agrawal



HOD
Mr. S. A. Agrawal



"Techno-Social Excellence"
Marathwada Mitramandal's
INSTITUTE OF TECHNOLOGY(MMIT)
Lohgaon, Pune-47

"Excellence in the field of AI & DS"
Department of Artificial Intelligence & Data Science
(Academic Year 2022-23)

Expert Lecture

On

Emerging Trends in Software Testing

Held on
20th May 2023

Coordinator
Ms. R. A. Agrawal



HOD
Mr. S.A. Agrawal

Lecture Details

Subject: Emerging Trends in Software Testing

Attendee: Students (SE AI & DS and SE Computer students)

Organized By: Department of Artificial Intelligence and Data Science, MMIT, Lohgaon-411 047

Date: 20th May 2023

Mode of conduction: Online (Google Meet)

Resource Person:

Name: Mr. Rameshwar Indoriya

Experience: 07 Years

Designation: Sr. Software Engineer

Company: Publicis Sapient, Pune

Objective of Expert Lecture

The objective of this expert lecture is to introduce the students about the basics and emerging trends in Software Testing.

Introduction:

Software testing is a crucial process in the software development lifecycle that ensures the quality, reliability, and performance of a software application. It involves evaluating a system or component by executing it with the intent of finding defects or verifying that it meets specified requirements.

The primary goal of software testing is to identify and report any discrepancies between the expected and actual behavior of the software. By doing so, software testing helps in enhancing the overall quality of the product, reducing the risk of failures, and increasing user satisfaction.

Software testing encompasses various activities and techniques that are performed to validate and verify the software. It involves designing test cases, executing them, analyzing the results, and reporting any issues or bugs found during the testing process. These activities can be performed manually or with the help of automated testing tools and frameworks.

Session by Mr. Rameshwar Indoriya

He explained the basics as well as advanced tools of software testing used currently by software companies.



Following topics are covered in the seminar

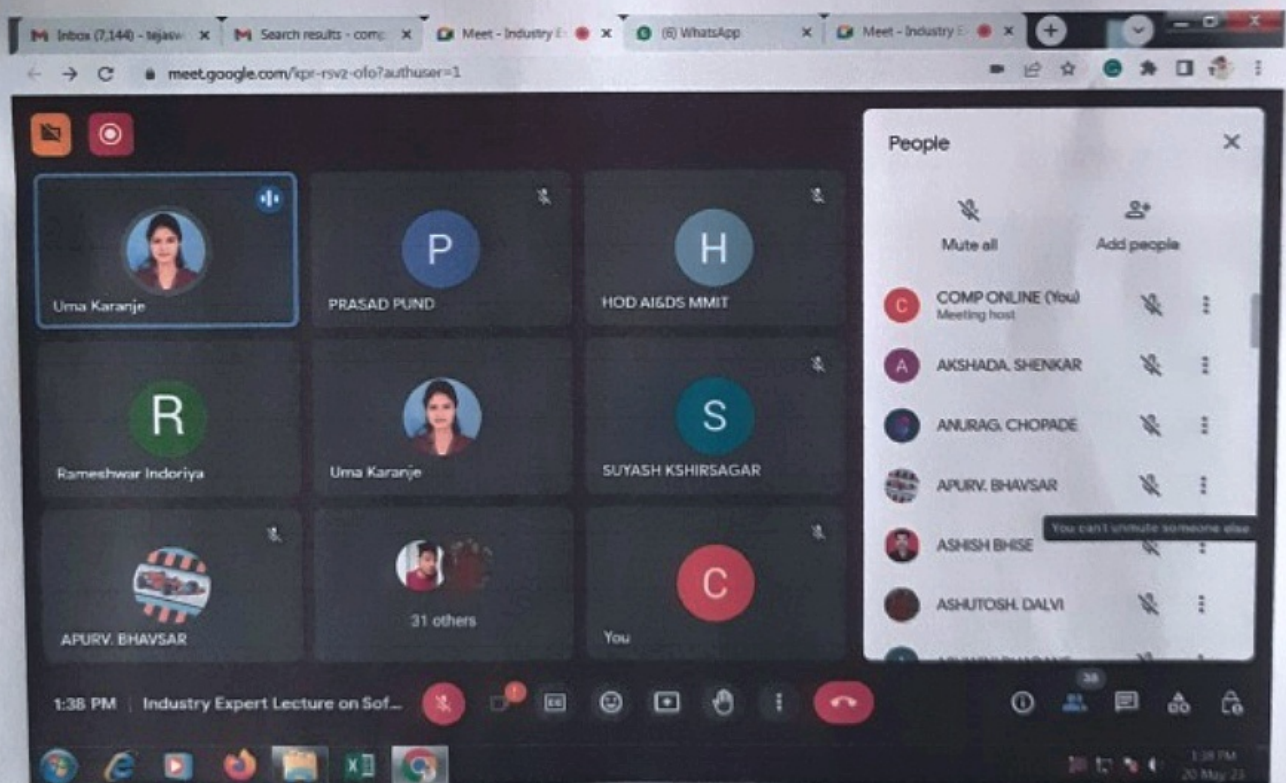
- Basics of Software Testing
- Types of software testing
- Tools of software testing
- Practical demo on testing

The speaker introduced students about the basics of software testing. He also briefed them about the types of software testing and automated tools available for same.

Program Outcomes

- Students have understood basics of software testing
- Students have understood the types of software testing
- Students got to know about the tools available for automated software testing.

Session photos



Introduction about the speaker



Product Life Cycle

14 Concept Design → Engineering Design → Layout and Packaging → System Engineering → Power Train Engineering → Vehicle Integration → Prototyping → Testing and

Product Development Cycle

Backbone Services:
- PLM, PDM, Customization

1:45 PM | Industry Expert Lecture on So... | 20 May 22

Explanation of Product Life Cycle

S/W Development Life Cycle (SDLC)

Seven Phases of Software Development Life Cycle

Planning → Design & Prototyping → Testing → Operations & Maintenance

Requirement Analysis → Software Development → Deployment → Maintenance

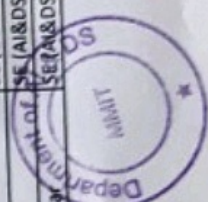
1:45 PM | Industry Expert Lecture on So... | 20 May 22

Explanation of SDLC



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23/05/20 6:39:33 PM GMT+5:30	aryan.kamble@mmit.edu.in	Aryan Kamble	SE (COMPUTER)	Excellent	Satisfactor	Excellent	Excellent	Excellent	Excellent
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Marathwada Mitramandal's
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Accredited with "A" Grade by NAAC

Survey No. 35, Vadgaon Shinde Road, Lohgaon, Pune - 411 047

Approved by AICTE, New Delhi, Recognised by DTE, M.S.Mumbai, Affiliated to Savitribai Phule Pune University

Email : principal@mmit.edu.in Website : www.mmit.edu.in

Tel No. : +91 7447786623 / +91 7447786624

DTE Institute Code : 6203

Ref. No.: MMIT/Comp/22-23/SEM-II

Date: - 19/05/2023

Submitted:

Subject: About sanctioning of remuneration for Industry Expert Lecture

Respected Sir,

The Online Industry Expert Lecture for SE students for Computer Engineering & AI & DS has been arranged on **20th May 2023**. The topic of the workshop is "**Emerging Trends in Software Testing**" under CSI students Chapter.

This is an activity of Software Engineering, as per given in SPPU SE Computer Engineering & AI & DS syllabus (SE 2019 Course).

Details of Workshop is as follows

Recourse Person: Mr. Rameshwar Indoriya, Senior Software engineer at Publicis Sapient, Pune

Experience: 7 Years

Date: 20th May 2023

Time: 1.30 pm to 3.30 pm (Saturday) (2 Hour)

Mode of conduction: Online (GOOGLE MEET)

The remuneration sanction is Rs. 1000/- per hour

So, kindly sanction total remuneration as **Rs.2000/-** (2 hours)

Thanking you.

Coordinator

Mrs. Tejaswini S.Bhoye

Ms. Rucha A. Agrawal

Mrs. Uma B. karanje

Through
HOD
Comp & AI & DS

To,

The Principal,
MMIT, Lohgaon-47

Enclosure: Syllabus Copy



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INSTITUTE OF TECHNOLOGY (MMIT)
Lohgaon, Pune-47.
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"Excellence in the field of Artificial Intelligence and Data science"
Department of Artificial Intelligence and Data Science

Ref.: - MMIT/AI & DS/2022-23/35

Date: 22/05/2023

To,

Mr. Rameshwar Indoriya,
Sr. Software Engineer,
Publicis Sapient, Pune

Respected Sir,

On behalf of AI & DS Department, MMIT, Lohgaon, Pune we would like to express our thanks for your expert session on "**Emerging Trends in Software Testing**" conducted on 20th May 2023 for our Second Year students.

We are pleased for the time and effort you took to share your thoughts and experience with our students.

Thank you.

Ms. R. A. Agrawal
Coordinator

Mr. S. A. Agrawal
HOD