

Report on Technical Seminar for S.E, T.E & B.E conducted on
“Launching Android Application, Robotic Process Automation, Continuous Integration and
Continuous Development”

EVENT:

The Department of Computer Engineering has conducted an online technical seminar on “Launching Android Application, Robotic Process Automation, Continuous Integration and Continuous Development” for second, third, and final year students respectively on 9th & 10th March 2022.

EVENT DETAILS:

Event	Class	Date & Time
Launching Android Application	SE	10 th March 2022 (2:30 PM to 4:30 PM)
Robotic Process Automation	TE	9 th March 2022 (2:30 PM to 4:30 PM)
Continuous Integration and Continuous Development	BE	9 th March 2022 (2:30 PM to 4:30 PM)

PARTICIPANTS: Students of Second, Third and Final Year Engineering

OBJECTIVES:

- To organize and facilitate learning and development.
- To explore new research from a range of academic disciplines that provides solutions to real-life problems.
- To explore how Robotic Process Automation assists us in online websites/applications.
- To understand the importance of android application in current technology or in industry-based applications.
- To understand about Continuous Integration and Continuous Development in the current scenario.

FACULTY INVOLVED:

1. Mrs. Lydia Suganya – Process In-charge
2. Mrs. Foram Shah, Ms. Niki Modi, Mrs. Poonam Joshi - Coordinators
3. All Class In-charges

DETAILS OF EXTERNAL RESOURCE PERSON:

Sr. No.	Name of the Speaker	Company in which the speaker in Working	Designation of the Speaker	Topic on which Seminar to be Delivered	Class	Date/ Day	Timing
1.	Mr. Satyam Vishwakarma	Jio Infocomm, Mumbai	Deputy Lead-Mobile Application Development	Launching Android Application	S.E COMP (A & B & C)	10 th March 2022 (Thursday)	2:30 PM-4:30 PM

2.	Dr. Priyanka Bagde	Pinstorm Technologies Pvt Ltd	Developer	Robotic Process Automation	T.E COMP (A&B&C)	9 th March 2022 (Wednesday)	2:30 PM-4:30 PM
3.	Mr. Kaustaubh Shete	Alumni	AWS Ambassador-Maharashtra Zone	Continuous Integration and Continuous Development	B.E. COMP (A&B)	9 th March 2022 (Wednesday)	2:30 PM-4:30 PM

ATTENDEES:

All the students of Second Year of Engineering, Third Year of Engineering and Final Year of Engineering have attended the Programme.

ATTENDANCE OF CLASS IN PERCENTAGE:

ANNEXURE 1:

Second Year of Engineering (A): 80.28%

Second Year of Engineering (B): 82.61%

Second Year of Engineering (C): 84.29%

Third Year of Engineering (A): 77.46%

Third Year of Engineering (B): 76.06%

Third Year of Engineering (C): 78.87%

Final Year of Engineering (A): 15.79%

Final Year of Engineering (B): 47.44%

EVENT DETAILS:

The following topics were covered in the technical seminar.

➤ Basics of Launching Android Application

1. How do I open an app from an Android app?
2. What are the features of Android architecture?
3. List the languages used to build Android
4. What is main difference between class, file and activity in Android?

➤ Robotic Process Automation

1. What is RPA?
2. How RPA is used in different fields and its working
3. Discussion of different RPA applications
4. Demonstration of a mini project

➤ Continuous Integration and Continuous Development

1. What is Docker?
2. What is meant by Continuous Integration?
3. What is the need for DevOps?
4. How is DevOps different from Agile/SDLC?

FEEDBACK:

The effectiveness of the learning is also checked through student feedback.

ANNEXURE 2:

Students' Feedback about Trainer: Launching Android Application

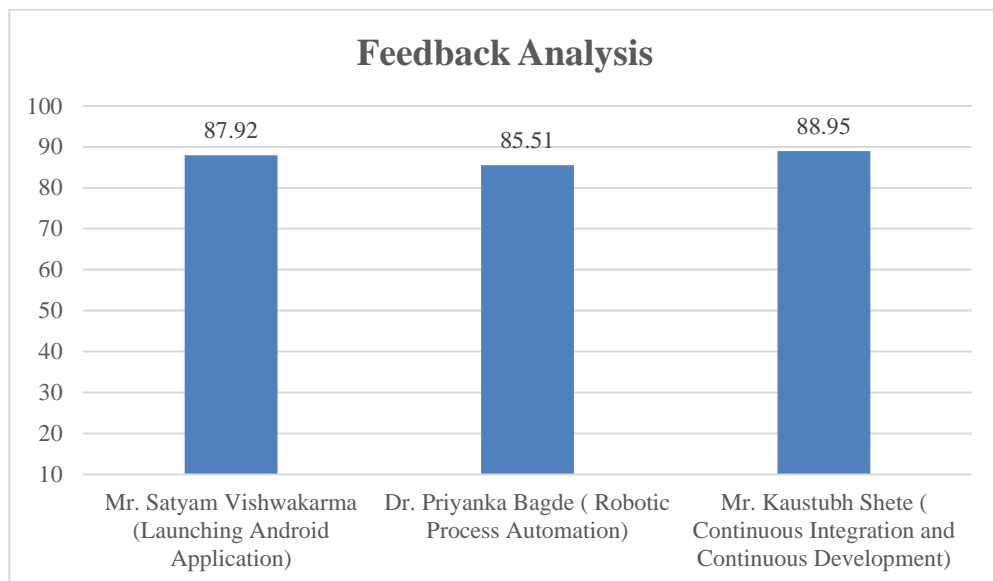
Mr. Satyam Vishwakarma: 87.92%

Students' Feedback about Trainer: Robotic Process Automation

Dr. Priyanka Bagde: 85.51%

Students' Feedback about Trainer: Continuous Integration and Continuous Development

Mr. Kaustubh Shete: 88.95%



OUTCOMES:

- The Technical Seminar has helped the students on all fronts and has achieved its purpose of making all the students understand the need of RPA, about launching android applications, and about Continuous Integration and Continuous Development.
 - The students will be able to understand the importance of android applications in current technology or in industry-based applications.
 - The students will be able to understand the need for Robotic Process automation in developing future applications.
 - The students will be able to understand Continuous Integration and Continuous Development in the current scenario and how it is incorporated in the development process.

SWOT Analysis:

No./Parameter	Strength	Weakness	Opportunity	Threat
1. Student Interest	Topics were taught to the students by quoting different applications, which helped the students to easily correlate the importance of the topic.	The sessions being online, interaction was missing.	1. Students can incorporate the knowledge gained in their projects. 2. Students can initiate research in the related topics.	Due to time limitation, detailed discussion on topics was not done as per expectation.
2. Seminar topic	Technical seminar topics were selected based on recent trends and demand in the software industry.	Due to time constraints, hands-on session was not possible.	Seminars on the advanced level of the topics covered can be arranged in future, which will give a complete knowledge to students.	1. The topic chosen should match with the students' area of interest. 2. Speaker's content delivery should match with the students' expectations

➤ **LEARNING:**

1. To understand the need for a technical Seminar in engineering to build the gap between industry and academia.
2. The departments conducting technical seminars must think for improvement in the teaching-learning process to fulfill the requirements of Industries for better placement.
3. This type of Technical Seminar helps academia to improve its quality in technical education.

➤ **SCOPE FOR IMPROVEMENT:**

1. Availability of resource persons for technical seminars should be planned beforehand.
2. Open-source software tools which are going to be used during the session can be informed beforehand to students so they can be ready with them.
3. Students can be involved in the selection of technical seminar topics.
4. Effective conduction of technical seminars should be initiated for the growth of students' knowledge.

➤ **CONCLUSION:**

The technical seminar has achieved its purpose of making all the students of S.E, T.E & B.E learn and have knowledge about Basics of android studio & its development, Robotic process Automation and Continuous Integration and Continuous Development.

Prepared by

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