Department of Artificial Intelligence & Data Science

Student Development Program on Flutter (Mobile Application Development) (24th June to 29th June, 2024)

Event Report

Event Information	
Event Type: Value added Program	
Event Topic: Flutter (Mobile Application Development)	
Name of the Resource Person: Dr. Rizwana Shaikh, Prof. Rohini Gaikwad, Prof. Kajal Salekar and Mr. Danish Shaikh.	
Event date: 24th June to 29th June, 2024.	
Organized for: SE, TE and BE students of all branches.	
Organized by: Artificial Intelligence and Data Science Department	
No of Students attended:	
Attachments: 1. Event Description	
2. Photographs	
3. Attendance	
4. Impact Analysis	

Department of Artificial Intelligence and Data Science of SIES Graduate School of Technology, Nerul, Navi Mumbai has successfully organized and conducted one week student development program on "**Flutter (Mobile Application Development)**" for SE, TE and BE students of AIML/IOT/AIDS/CE/ECS//IT/EXTC/PPT /Mechanical branch from 24th June to 29th June, 2024.

Developing for mobile platforms can be frustrating, and Flutter is Google's solution to make mobile development better. This course will teach you the basics of Flutter, including building a UI, using animations, and creating a database app.

Flutter training course is designed to learn how to use Flutter to develop high-quality, interactive mobile applications both for iOS and Android devices. In this training course, you will learn how to how to code using Dart and build beautiful, fast, native-quality iOS and Android apps. Even if you have ZERO programming experience.

Whether you are a newbie in mobile app development, or experienced with other mobile app frameworks, you'll enjoy the high-velocity development and quality apps that Flutter enables. The course is intended for Front End Web Developer, Full Stack Web Developer, Java Developer, or anyone who want to learn Flutter app development fundamentals.

The following are some of Flutter characteristics:

- **Fast:**
  Flutter code compiles to ARM or Intel machine code as well as JavaScript, for fast performance on any device.

- **Multi-platform:**
  Reach users on every screen
  Deploy to multiple devices from a single codebase: Mobile, web, desktop and embedded devices.

- **Productive:**
  Build and iterate quickly with Hot Reload. Update code and see changes almost instantly, without losing state.

- **Flexible:**
  Control every pixel to create customized, adaptive designs that look and feel great on any screen.

- **Dart:**
  Flutter is powered by Dart, a language for fast apps on any platform.

Course Objectives:

- Syntax.
- Dart Functions (OOP).
- And Navigation implementing.
- Motion-Rich Widgets.
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Flutter And Dart Programming Language Introduction

In Dart Programming Object-Oriented Programming With

The Basics of Flutter Basics of Flutter Widgets Routing

Material Design Guidelines With Visual, Behavioral, And

Introduction To Firebase.
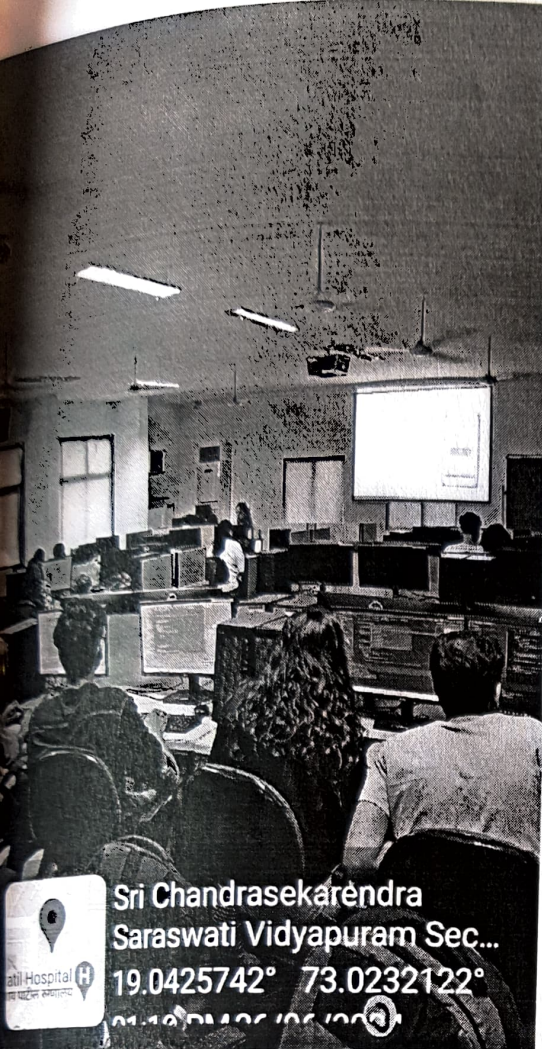Understand the concept and importance of Kotlin.

Course Outcomes:

After This Course the students should be able to:

- Design and implement User interfaces and Layouts of mobile App.
- Design and Implement Database for mobile application
- Develop Mobile App using Android, Flutter and Kotlin
- Analyze the importance of various technologies in industry for mobile application development.

Major topics covered during the workshop are:

- o Introduction to Android
- o Introduction of Flutter
- o CREATING BEAUTIFUL UI WITH FLUTTER
- o Kotlin and Android
- o Kotlin and Android
- o Creating Production Ready App
- o Creating Production Ready App to testing and deploying

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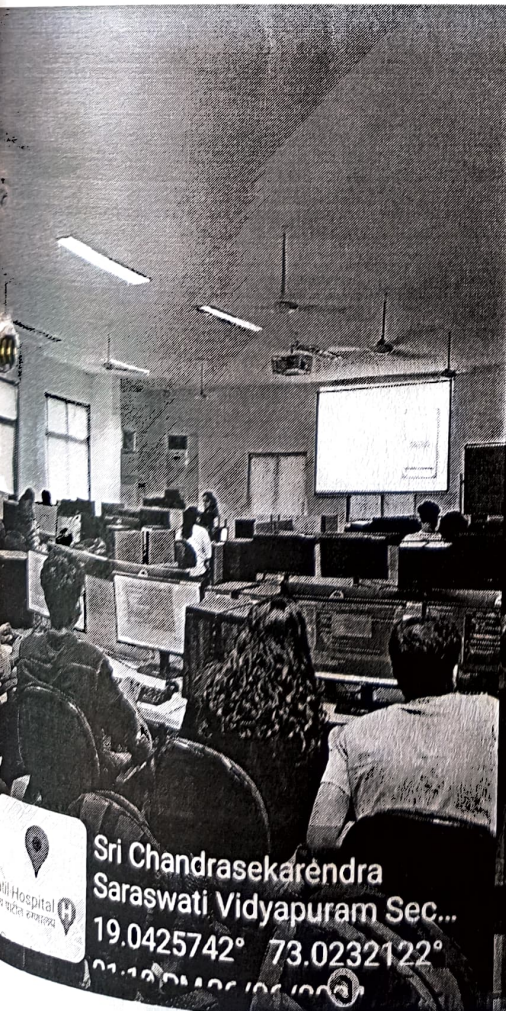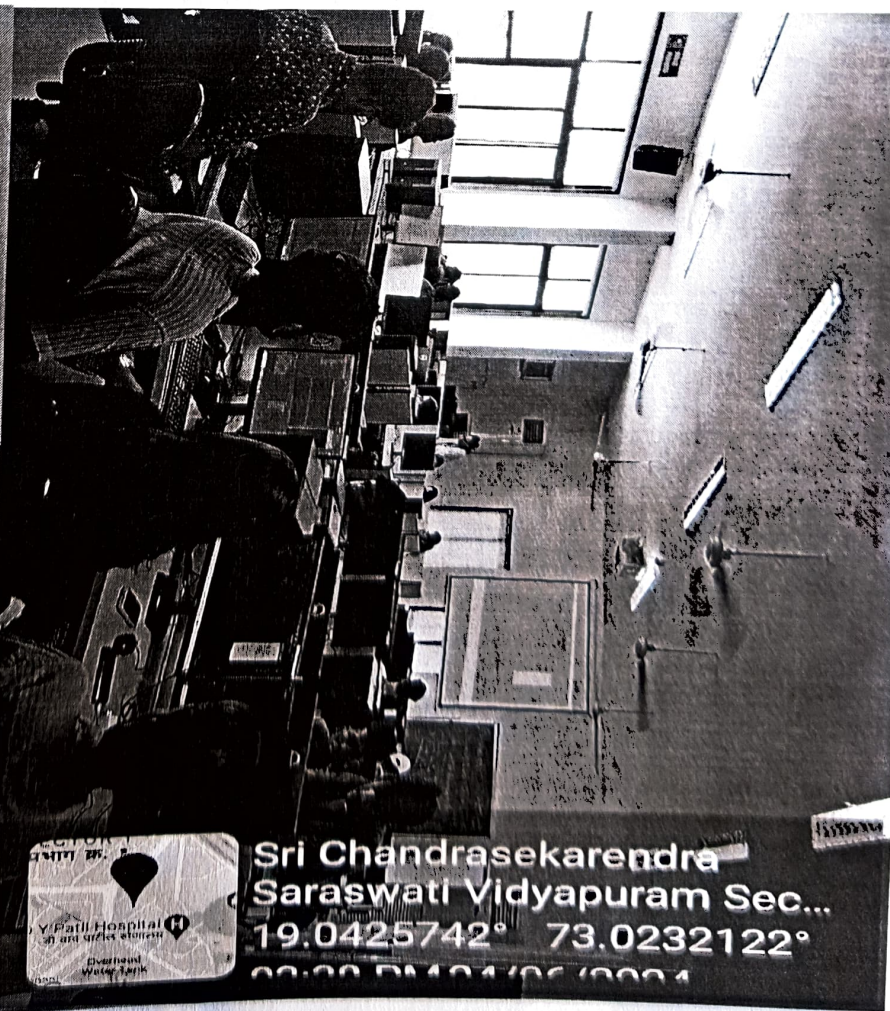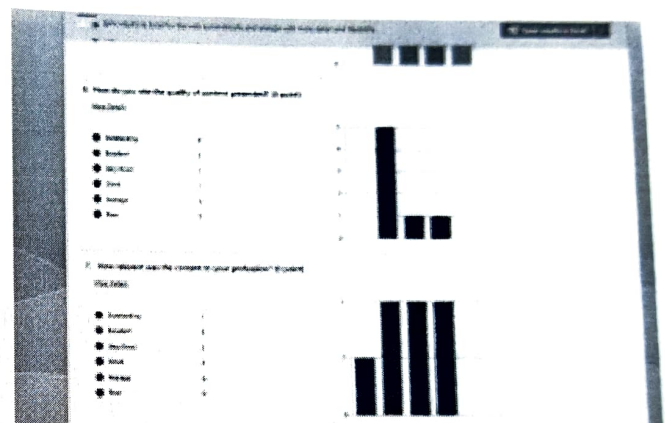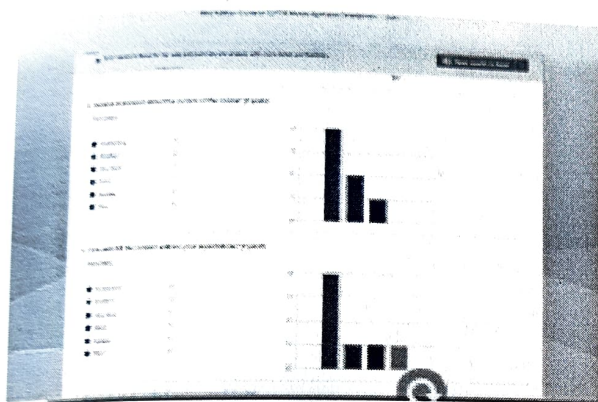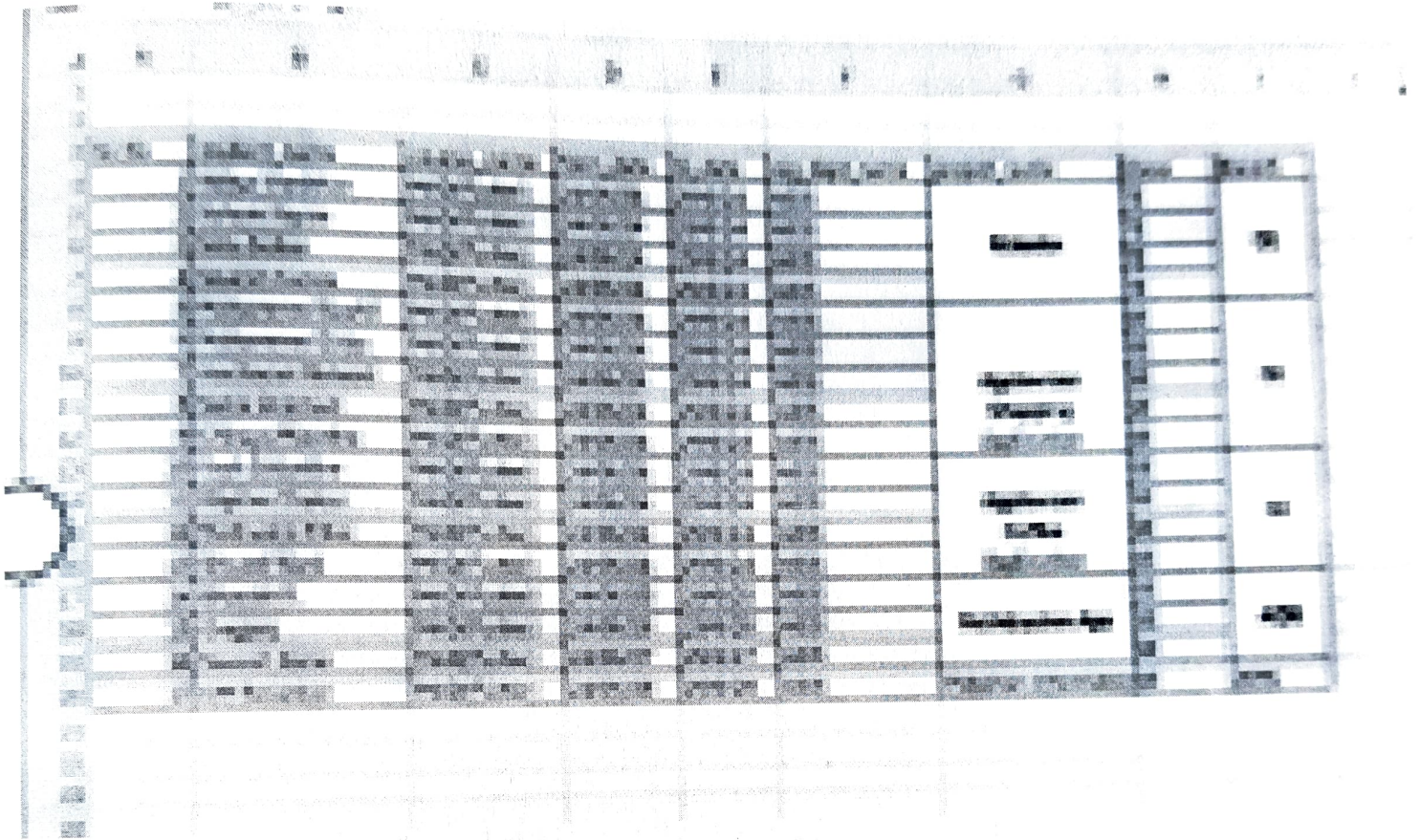## SIES GRADUATE SCHOOL OF TECHNOLOGY
Department of AI & DS Department
Attendance Sheet
Date: 25/6/24

Sr. No	Name of Student	Dept. / Class / Roll No.	Sign
1	Om Revankar	AIML / 123A9038	SMP
2	Om Mehebe	AIML / 121A9027	
3	Naresh Honur	AIQ / 121A803*	
4	Gregory	AIDS / 121A8020	gregory
5	Bharath R	AIDS / 123A8012	Bigata
6	AIWXY	ADS / 23A8001	
7	Aseri K	AIDS / 122A805	Aseri
8	Rhythm 7	CE 123 A1095	Thakus
9	Shrushti W	CE 123 A1124	
10	Muthustan	CE 123 A1088	
11	Yash S	CE 123 A1099	
12	Sharmiya Masia	CE / 122A1083	
13	Ruchi chavan	CE / 122A1044	
14	Nina Soltai	CE / 122A1061	
15	Rucilua Lorah	CE / 122A1052	
16	Golan Kapse	CE / 122A1056	
17	Sopress KANAI	CE / 122A1078	
18	Aatya Khutikar	CE / 122 A1000	
19	Mohammed Soheil	CE / 122A1068	
20	Chirayu Marathi	CE / 123A1062	
21	Abhinav Kuti	CE / 123A1632	
22	Neha Bhernud	CE / 123 A1036	
23	Hariharan Maluad	CE / 122A1059	
24	Naga Nair	AIML / 121A1031	

SIES GRADUATE SCHOOL OF TECHNOLOGY
Department of AI & DS Department
Attendance Sheet
Date: 26/6/24

Sr. No	Name of Student	Dept. / Class / Roll No.	Sign
1	Om Revankar	AIML / 123A9038	Goode
2	Naresh Honur	AIML / 122A9027	
3	Gregory	AIDS / 121A8020	
4	Tharath R	AIDS / 123A8012	Tharatha
5	Shrushti wani	CE / 123A1124	
6	Muthushu Pillai	CE / 123A1088	
7	Rhythm Thakur	CE / 123A1095	
8	Yash salunke	CE / 123A1099	
9	Niba Suhal Soltar	CE / 122A1085	
10	Attya Khidkar	CE / 122A1000	Khidkar
11	Mohammed Soheil	CE / 122A1068	
12	Chirayu Marathi	CE / 123A1062	
13	Neha Bhernud	CE / 123A1036	
14	Hariharan Maluad	CE / 122A1059	
15	Navya Nair	AIML / 121A9031	
16	Om Mehebe	AIML / 121A9027	Amt

Feedback

Projects

Impact Analysis

Students successfully completed internship projects. They received an internship based on the skill set they acquired from this value-added course. Students learn to design a Mobile Development Application for every devices.

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