# MOBILE APPLICATION DEVELOPMENT LAB

## (20MCA243)

# LAB RECORD

Submitted in partial fulfilment of the requirements for the award of the degree of Master of Computer Applications of A P J Abdul Kalam Technological University, Kerala.

## Submitted by:

## SREYAS SATHEESH (SJC23MCA-2053)



# MASTER OF COMPUTER APPLICATIONS

## ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY, PALAI

### CHOONDACHERRY P.O, KOTTAYAM

### KERALA

**November 2024**

# ST. JOSEPH' S COLLEGE OF ENGINEERING AND TECHNOLOGY, PALAI
## (An ISO 9001: 2015 Certified College)

### CHOONDACHERRY P.O, KOTTAYAM, KERALA



## CERTIFICATE

This is to certify that the Mobile Application Development Lab Record (20MCA243) submitted by **Sreyas Satheesh**, student of **Third** semester **MCA** at **ST. JOSEPH'S COLLEGE OF ENGINEERING AND TECHNOLOGY, PALAI** in partial fulfilment for the award of Master of Computer Applications is a bonafide record of the lab work carried out by him under our guidance and supervision. This record in any form has not been submitted to any other University or Institute for any purpose.

**Dr. Rahul Shajan**

Associate Professor

(Head, Department of

Computer Applications)

**Ms. Jeena Maria Sebastian**

Assistant Professor,

Dept. of Computer Applications

(Faculty In-Charge)

Submitted for the End Semester Examination held on  _____

**Examiner 1:**

**Examiner 2:**

# DECLARATION

      I Sreyas Satheesh, do hereby declare that the Mobile Application Development Lab Record (20MCA243) is a record of work carried out under the guidance of Ms. Jeena Maria Sebastian, Asst. Professor, Department of Computer Applications, SJCET, Palai as per the requirement of the curriculum of Master of Computer Applications Programme of A P J Abdul Kalam Technology University, Thiruvananthapuram. Further, I also declare that this record has not been submitted, full or part thereof, in any University / Institution for the award of any Degree / Diploma.

Place : Choondacherry                       SREYAS SATHEESH

Date :                                     (SJC23MCA-2053)

# DEPARTMENT OF COMPUTER APPLICATIONS

## VISION

To emerge as a center of excellence in the field of computer education with distinct identity and quality in all areas of its activities and develop a new generation of computer professionals with proper leadership, commitment and moral values.

## MISSION

- Provide quality education in Computer Applications and bridge the gapbetween the academia and industry.

- Promoting innovation research and leadership in areas relevant to the socio economic progress of the country.

- Develop intellectual curiosity and a commitment to lifelong learning instudents, with societal and environmental concerns.

## COURSE OUTCOMES

After the completion of the course 20MCA243 Mobile Application Development Lab the student will be able to :

| CO 1 | Design and develop user interfaces for mobile apps using basic building blocks, UI components and application structure using Emulator | K3 (Apply) |
|------|------|------|
| CO 2 | Write simple programs and develop small applications using the concepts of UI design, layouts and preferences | K3 (Apply) |
| CO 3 | Develop applications with multiple activities using intents, array adapter, exceptions and options menu. | K3 (Apply) |
| CO 4 | Implement activities with dialogs, spinner, fragments and navigation drawer by applying themes | K3 (Apply) |
| CO 5 | Develop mobile applications using SQLite. | K3 (Apply) |

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