



**Sri SAIRAM**  
COLLEGE OF ENGINEERING

ISO 9001:2008 Certified Institution  
Approved by AICTE, New Delhi  
Recognized by Govt. of Karnataka & Affiliated to VTU, Belagavi  
Anekal, Bengaluru

## DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

### REPORT OF FDP ON MOBILE APP DEVELOPMENT

26.06.2021

The “ **Seven-Days Faculty Development Programme on Mobile application development-18CSMP68** “ had been organized from 17 May 2021 to 25 May 2021 by the Department of Computer science and Engineering in association with Computer society of India, Mobile Apps Club and Electronics Highway Club.

Resource Persons of the programme were :

1. Mr. N. Kannan, RAK Analytics, Bengaluru
2. Mr. Suraj Rajappan, RAK Analytics, Bengaluru
3. Mr. Sreekanth Shekhar, RAK Analytics, Bengaluru

Around 150 participants have registered from various colleges of Karnataka and Tamilnadu.

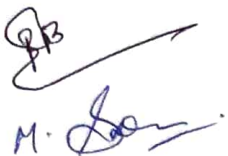
Day 1 started with inauguration @2PM. Dr. R. Arun kumar, Management representative gave the welcome address and Presidential address was given by our beloved Principal Dr. B. Shadaksharappa. Resource persons were introduced by Dr. P. Bindhu Madhavi, Head of Department , CSE.

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30/06/2021

### Topics covered :

1. Application to design a Visiting Card with company logo
2. Android application using controls like Button, TextView, EditText for designing a calculator having basic functionality like Addition, Subtraction, Multiplication, and Division
3. SIGN Up activity with Username and Password through the Validation of password
4. Application to set an image as wallpaper, which changes randomly every 30 seconds
5. An activity with two buttons START and STOP that displays the numbers from One ,until the STOP button is pressed.
6. Develop an application to create an activity with two buttons to parse the XML and JSON files
7. Create a button called "Convert Text to Speech" that converts the user input text into voice.
8. An activity like a phone dialer with CALL and SAVE buttons.
9. APP to enter Medicine Name, Date and Time of the Day as input from the user and store it in the SQLite database.
10. A content provider application with an activity called "Meeting Schedule" which takes Date, Time and Meeting Agenda as input from the user and store this information into the SQLite database
11. An application to receive an incoming SMS which is notified to the user
12. An activity having a Text box, and also Save, Open and Create buttons.
13. An application to demonstrate a basic media player that allows the user to Forward, Backward, Play and Pause an audio.
14. An application to demonstrate the use of Asynchronous tasks in android.
15. An application that makes use of the clipboard framework for copying and pasting of the text.

The programme was concluded with vote of thanks by Prof .M.Sheela Devi. All the participants were interactive and the feedback was excellent.



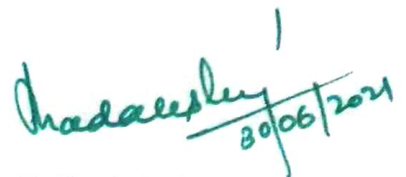
Prof. Raghavendra Rao, AP/CSE  
Prof. M. Sheela Devi, AP/CSE

Faculty Coordinators ,  
SSCE, Bangalore.



Dr. P. Bindhu Madhavi

Convenor  
HOD/CSE,  
SSCE, Bangalore.



Dr. B. Shadaksharappa,

Principal,  
SSCE, Bangalore.