

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA -8
(Affiliated to Krishna University, Machilipatnam)
SYLLABUS

Subject: Computer Science	Semester: V/VI	
Course Title: Android Programming – Practical	Course Code: 20CSP521AP1	
No of Hours: 45	LTP: 002	Credits: 1

Objectives

- To describe the layouts and controls of android.
- To create robust mobile applications.

Course Outcomes

CO1: Explain the android platform.

CO2: Explain the features of services and able to publish android Application.

CO3: Design and implementation of various mobile applications.

List of Practicals: (30 Hrs.)

1. Demonstrate mobile technologies and devices
2. Demonstrate Android platform and applications overview
3. Working with texts, shapes, buttons and lists
4. Develop a calculator application
5. Implement an application that creates a alarm clock

Skill/Hands-on: Field work/Mini Project (15 Hrs.)

1. Develop a mobile application that uses GPS location information.

Reference Books

1. Anubhav Pradhan, Anil V Deshpande, “ Composing Mobile Apps” using Android, Wiley 2014, ISBN: 978-81-265-4660-2
2. Android Online Developers Guide 5.
<http://developer.android.com/reference/> Audacity: Developing Android
3. <https://www.udacity.com/course/developing-android-appsfundamentals--ud853-nd>
4. <http://www.appinventor.mit.edu/>

MARIS STELLA COLLEGE (AUTONOMOUS), VIJAYAWADA-8
(Affiliated to Krishna University, Machilipatnam)
Practical-Scheme of Valuation

Time: 3 Hrs.

Max. Marks: 50

Practical	Marks
Program Writing	15 M
Program Execution	15 M
Viva	10 M
Practical Record	10 M
Total	50 M