

## SCHEME OF COURSE WORK

### Department of Computer Science and Engineering

Course Details:

COURSE TITLE	APP DEVELOPMENT LAB		
COURSE CODE	15CT11S1	L T P C	0 0 2 1
PROGRAM	B.TECH		
SPECIALIZATION	CSE		
SEMESTER	VIII		
PRE REQUISITES	Object Oriented Programming through Java		
COURSES TO WHICH IT IS A PRE REQUISITE	N/A		

Course Outcomes (COs):

<b>CO 1</b>	Implement Android Layouts and GUI components
<b>CO 2</b>	Develop application for user permission for SD card
<b>CO 3</b>	Develop an application that use database
<b>CO 4</b>	Implement application using fragmentation concept
<b>CO 5</b>	Implement Native applications using google services

### Course Outcome versus Program Outcomes

Course outcomes	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	S	S	M	M	S	M						
CO2	M	S										
CO3	S	S	M	S	S							
CO4	S	S	S	M	M							
CO5	S	S	S		S	M						

*S - Strongly correlated, M - Moderately correlated, Blank - No correlation*

Assessment Methods	Assignment / Quiz / Mid-Test
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## Teaching- Learning & Evaluation

<b>Week</b>	<b>Topic/ Contents</b>	<b>Course Outcomes</b>	<b>Teaching learning strategy</b>	<b>Assessment method &amp; schedule</b>
1	Develop an application that uses Layout Managers and event listeners.	CO1	Programming	Viva-1
2	Develop an application that uses GUI components, Font and Colors	CO1	Programming	Viva-2
3	Develop a native calculator application.	CO1	Programming	Viva-3
4	Develop an application that makes Music player	CO2	Programming	Viva-4
5	Implement an application that implements Multi threading	CO2	Programming	Viva-5
6	Develop an application that makes use of database.	CO3	Programming	Viva-6
7	Implement an application that writes data to the SD card.	CO2	Programming	Viva-7
8	Implement an application that creates an alert upon receiving a message.	CO1	Programming	Viva-8
9	Write a mobile application that creates alarm clock	CO2	Programming	Viva-9
10	Write a mobile application that use fragmentation.	CO4	Programming	Viva-10
11	Develop a native application that uses GPS location information.	CO5	Programming	Viva-11
12	Develop a native application that uses Google map services.	CO5	Programming	Viva-12