

**Sant Gadge Baba Amravati University, Amravati**

**Syllabus Prescribed for 3 Year BCA UG Programme  
Programme: Bachelor of Computer Application (BCA)**

**Semester V**

<b>Code of the Course/Subject</b>	<b>Title of the Course/Subject</b> (Laboratory/Practical/practicum/hands-on/Activity)	<b>(No. of Periods/Week)</b>
<b>5BCALAB2</b>	<b>Android Programming</b>	<b>4 periods</b>

**COs**

1. Rapid Android Application Development
2. Development of Application as per user's need by providing internet tools.
3. Development of Android Database Application.
4. Hands on Animation

**\* List of Practical/Laboratory Experiments/Activities etc.**

<b>Sr.No.</b>	<b>Name of Program/ Experiment</b>
1	Program to display "Hello World".
2	Program to create simple calculator.
3	Program to create an activity using fragment in Android
4	Program to create multiple activities within an application.
5	Program to illustrate content provider .
6	Program to demonstrate the Menu Application
7	Program to demonstrate Intent Filter
8	Program to demonstrate Broadcast Receiver.
9	Program to create an Alert Dialog Box
10	Program to show SMS in your phone
11	Program to create and use a Compound Control
12	Program to get Geo Location of a place
13	Program to animate a bitmap
14	Program for Simple Animation activity in Android
15	Program to demonstrate a Video View
16	Program for Advanced Animation Activity
17	Program to create a New Thread for Service Tasks
18	Program to crate Progress Bar using Progress Dialog
19	Program to demonstrate a Video View
20	Program to send and receive Data from Server