

**CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**  
**CHANDUBHAI S PATEL INSTITUTE OF TECHNOLOGY**  
**DEPARTMENT OF INFORMATION TECHNOLOGY**  
**ACADEMIC YEAR: 2018-19**

**List of Experiments**

**Subject: IT402.01 Wireless Communication & Mobile Computing**

<b>Exp. No</b>	<b>Name of Experiment</b>
1.	Introduction to Android and Create “Custom Message” application. That will display “Custom Message” in the middle of the screen in the Black color with the Yellow background. Reference: <a href="http://mycollegebook-pnp.com/blog/android-01-android-introduction/">http://mycollegebook-pnp.com/blog/android-01-android-introduction/</a>
2.	Create an android application to calculate sum of two numbers and gives result in Toast Message. Reference: <a href="http://mycollegebook-pnp.com/blog/android-02-sum-of-two-numbers-and-gives-result-in-toast-message/">http://mycollegebook-pnp.com/blog/android-02-sum-of-two-numbers-and-gives-result-in-toast-message/</a>
3.	Create an application that will display Toast (Message) on specific interval of time. Reference: <a href="http://mycollegebook-pnp.com/blog/android-03-toast-message-on-specific-interval-of-time/">http://mycollegebook-pnp.com/blog/android-03-toast-message-on-specific-interval-of-time/</a>
4.	Create a temperature converter Application. (Fahrenheit-Celsius) Reference: <a href="http://mycollegebook-pnp.com/blog/android-04-temperature-converter-application-fahrenheit-celsius/">http://mycollegebook-pnp.com/blog/android-04-temperature-converter-application-fahrenheit-celsius/</a>
5.	Create a login application with following features: <ul style="list-style-type: none"><li>1. Successful Login message in TextView with Green background if Username &amp; password is correct</li><li>2. Failure message in TextView with Red background if Username or password is incorrect.</li><li>3. Disable Login Button after three wrong login attempts.</li><li>4. Close application if user selects Cancel Button.</li></ul> Reference: <a href="http://mycollegebook-pnp.com/blog/android-05-login/">http://mycollegebook-pnp.com/blog/android-05-login/</a>
6.	Create an application which turns ON or OFF Torch/Flashlight of Camera. Reference: <a href="http://mycollegebook-pnp.com/blog/android-06-torchflashlight-of-camera/">http://mycollegebook-pnp.com/blog/android-06-torchflashlight-of-camera/</a>
7.	Create an application that will change color of the screen, based on selected options from the menu.

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	Reference: <a href="http://mycollegebook-pnp.com/blog/android-07-menu/">http://mycollegebook-pnp.com/blog/android-07-menu/</a>
8.	Create an application with the help of fragment. Reference: <a href="http://mycollegebook-pnp.com/blog/android-08-fragment/">http://mycollegebook-pnp.com/blog/android-08-fragment/</a>
9.	Create an application with the help of web view. Reference: <a href="http://mycollegebook-pnp.com/blog/android-09-webview/">http://mycollegebook-pnp.com/blog/android-09-webview/</a>
10.	Create an application to insert contact information in database.
11.	Introduction to I-phone & installation of x-code on MAC.
12.	Develop Login Application using XCode.
13.	Develop a project in android.