

## **Android Application Development – Practical**

### **Practical 3 Broad Cast and Services**

#### **AIM:**

- I. Create an Android application to demonstrate the use of Broadcast listeners.
- II. Create an Android application to create and use services.

#### **Broadcast:**

Android, broadcasts are the system-wide events that occur due to changes in system state, like LOW\_BATTERY, incoming or outgoing calls, network connectivity change, device reboot, broadcast:

There are following two important steps to make BroadcastReceiver works for the system broadcasted intents –

- Creating the Broadcast Receiver.
- Registering Broadcast Receiver

#### **Android service:**

Android Service is a component that is used to perform operations on the background such as playing music, handle network transactions, interacting content providers etc. It doesn't has any UI (user interface).

There can be two forms of a service. The lifecycle of service can follow two different paths: started or bound.

#### **Programs:**

1. Create Android application to demonstrate Broadcast
2. Create Android application to demonstrate Services.