

**SSN COLLEGE OF ENGINEERING  
DEPARTMENT OF CSE  
VI SEMESTER – CSE 'B' SECTION**

**CS6611 - MOBILE APPLICATION DEVELOPMENT LABORATORY**

**ACADEMIC YEAR: 2017-2018 (Even)**

**BATCH: 2015-2019**

**Due Date: 13.3.18 & 15.3.18**

**Ex. No. 11     Alarm Clock - Android Application**

Develop an Alarm Clock Android Application.

1. Use permission for WAKE\_LOCK.
2. Have a TimePicker component followed by a ToggleButton to select time and Alarm On / Off.
3. Use the AlarmManager to set the alarm and send notification on alarm trigger.
4. Perform 3 different notifications
  - a. Show a message to user in the activity UI
  - b. Play the alarm ringtone
  - c. Send an Android notification message