**MINI PROJECT – II**

**(2018-19)**

# Android Based Attendance Application

# Group No. 09

**SYNOPSIS**



**Institute of Engineering & Technology**

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**About the Project:**

Android-based attendance application is an application available for daily student attendance in colleges and institutes. It facilitates to access the attendance information of a particular student in a particular class. The information is sorted by the operators, which will be provided by the teacher for a particular class. This system will also help in evaluating attendance eligibility criteria of a student. Everyone can access the system by providing there valid id, password, and fingerprint. They can access modules such as viewing their own profile, student's profiles, view time table, attendance of students, and notification of absence.

In this application there are two types of user one is a student and another one is the teacher. In teacher's module teacher will make a connection using hotspot and student will join this connection. Those students who join this connection, attendance of that student will mark automatically. Teacher gets a notification about those students who do not present in the class and student gets a notification about whom attendance will not mark by mistake and teacher have some time to modify the attendance of that student.

**Motivation:**

We got the motivation to make this project from college and also from already given attendance management system. This whole project was based on this concept, that application provides teachers to take attendance easily and save their operational time.

**Future Prospects:**

With the help of this project, Teacher will be able to take attendance easily, there will be no chances of **proxy** and student will be easily notified about their attendance when they absent by mistake.

**Requirements:**

Android Based Attendance Application is a FREE attendance app available for Android and other smartphones. It provides a simple and efficient way for students who want to keep track of their daily attendance in various subjects.

**Hardware:**

An Android Smartphone with Wi-Fi capabilities.

RAM: 1 GB or above

**Software:**

Android Based OS

Min. Version: Android Marshmallow 5.0.1