**ABSTRACT**

**Title:** Real time attendance system over iot along with monthly, yearly analytics

**Proposed Idea**:

Attendance is for keeping records of number of students present in schools, colleges or in any organization. It is very important to maintain discipline among employees in an organization and monitor students in schools, colleges and if someone drifts from required standards proper action can be taken. Complexity of this process increases even more with increase in number of students.

Biometric system/barcode/QR scanning for detecting student’s presence.

Using location for monitoring the time spent by student at various places in college or organization.

**Block Diagram:**

Enroll Fingerprint

Compare Fingerprint

Validate Fingerprint

Upload attendance into Cloud