

# Face Recognition Smart Attendance System Using IOT

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**Abstract:** *The Smart Attendance System leverages computer vision technology to automate student attendance marking. By capturing real-time footage of students, the system accurately records their presence in the classroom. The primary goal is to enhance efficiency and accuracy in attendance tracking while ensuring timely communication with parents. In the event of a student's absence, the system automatically sends an email alert to the parents. Teachers can conveniently upload attendance records on a weekly, daily, or subject wise basis. An interactive dashboard provides comprehensive data analytics and visualizations, offering valuable insights into attendance patterns and trends. The dashboard displays real-time and Subject wise to help understand attendance behavior effectively..*

**Keywords:** Computer Vision, Email Notification, Data Upload, Interactive Dashboard, Real time Footage, Absence Alert, Data analytics

