

# SMART ATTENDANCE SYSTEM THROUGH

**A.I**

A project report submitted in partial fulfillment of the requirements  
for the award of the Degree of

## BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE & ENGINEERING

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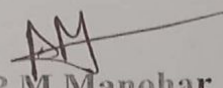


**CERTIFICATE**

This is to certify that the Project Report entitled "Smart Attendance System through A.I" being submitted by K.SANDEEPKUMAR(16811A0542), M.PAVANI(16811A0547), K.VARMA(16811A0537), M.BHAGYA LAKSHMI(16811A0546), in partial fulfilment of the requirements for the degree of B.Tech (C.S.E) in Department of Computer Science & Engineering, at AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY affiliated by Jawaharlal Nehru Technological University Kakinada, is a record of bonafide work carried out by them under my guidance and supervision.

The results embodied in this thesis have not been submitted to any university or institute for the award or any degree of diploma.

  
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# ABSTRACT

Attendance Monitoring System is essential in all organizations for checking the performance of students and it is not an easy task to check each and every student is present or not. In all organization, attendance is taken manually by calling their register numbers or names and noted in attendance registers issued by the department heads as proof and in some organizations the students wants to sign in these sheets which are stored for future references. This technique is repetitive, complex work and leads to errors as few students regularly sign for their absent students or telling proxy attendance of the absent students. This method additionally makes it more complex to track all the student's attendance and difficult to monitoring the individual student attendance in a big classroom atmosphere. In this article, we use are using the technique of utilization face detection and recognition framework to contunisuly recognize students going to class or not and marking their attendance by comparing their faces with database to match and marking attendance. This facial biometric framework takes a picture of a person using a camera and contrasts that image and compares the image with the image with is stored at the time of enrolment and if it matches marks the attendance and monitors the student performance contunisuly. We may use the concept of artificial intelligence concept to monitor student attendance like capturing the motion pictures of the student when present in class to analyze the student data how much time the student presents in class.