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### **RESEARCH ARTICLE**

# Attendance Monitoring Using Face Recognition

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*Abstract—Students attendance in the classroom is very important task and if taken manually wastes a lot of time. There are many automatic methods available for this purpose i.e. biometric attendance. All these methods also waste time because students have to make a queue to touch their thumb on the scanning device. This work describes the efficient algorithm that automatically marks the attendance without human intervention. This attendance is recorded by using a camera attached in the classroom that is continuously capturing images of students, detect the faces in images and compare the detected faces with the database and mark the attendance.*

*Keywords— Attendance; detection; feature extraction; image conversion; recognition*

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