

FACE RECOGNITION BASED ATTENDANCE SYSTEM

ABSTRACT

Biometric identification is a technique that measures an individual's physical or behavioural characteristics for identification purposes. In the past, passwords were the only method available to identify individuals. Passwords became obsolete due to obtaining password information and hacking into accounts. Biometrics emerged as a replacement for passwords that provide greater security that is not easy to hack into compared to passwords. Many biometrics are used for attendance; one widely used, secure, and easy method is the face recognition attendance system. In our world, Biometric face recognition is used everywhere. It is an advanced, automated, and sensible identification system that can identify a person by facial features. It uses a digital camera to capture the image of the face, a computer for processing and analysis, and an output device for displaying the identification result. It is straightforward to identify any person from different facial images. The face recognition system is a high-speed and reliable technology. This biometric is very safe because it can identify people without any mistakes. Face recognition is considered the first step toward building biometric access control-based application scenarios, where biometric features are extracted from the individuals. This system is used in many government offices, firms, banks, and other places.

Internal Guide

Ms J. Kavitha
Assistant Professor

Team - 9

R. Teja Sri (19WH1A1237)
P. Mrunalini (19WH1A1206)
P. Tejaswini (19WH1A1211)
G. Raajitha (19WH1A1210)