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Criminal Identification System using Face Recognition

G. M. Dahane[1], Abhijit A. Jadhav[2], Rushikesh J. Kolapkar[3], Vishal V. Nikam[4], Abhishek B. Landge[5]
Assistant Professor, Department of Information Technology[1]
UG Scholar, Department of Information Technology[2,3,4,5]
Dr. Vithalrao Vikhe Patil College of Engineering, Pune, Maharashtra, India
Savitribai Phule Pune University, Pune, Maharashtra, India

Abstract: *In practice, fingerprint identification is used to identify criminals in Malaysia. However, this method of identification is limited because most criminals are becoming more adept at avoiding leaving their thumbprint on the scene. Cameras, particularly CCTV cameras, have been put in numerous public and private spaces to provide surveillance operations since the emergence of security technology. CCTV footage can be used to identify suspects on the spot. The law, however, enforces thumbprint identification due to restricted software designed to automatically detect the similarities between photos in the tape and recorded photos of criminals. An automatic facial recognition system for criminal databases was proposed in this study using the well-known Java programming language.This technology will be able to automatically detect and recognize faces. If there is no thumbprint on the scene, this will aid law enforcement in detecting or recognizing the suspect.*

Keywords: Criminal Identification, Face Recognition

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