IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
Volume 2, Issue 3, May 2022
Impact Factor: 6.252

Face Recognition Attendance System

Pratibha Tambewagh[1], Asmita Jagtap[2], Aryan Patil[3]
Lecturer, Department of Information Technology[1,2]
Diploma Student, Department of Information Technology[3]
Bharati Vidyapeeth Institute of Technology, Kharghar, Navi Mumbai, Maharashtra, India

Abstract: *Facial recognition is an sub-category of biometric security. It is an way of using technology for confirming and identifying and individual's identity using their face. Hence while a person is subjected to facial recognition their face becomes their signature. There are various other forms of biometric security which includes voice recognition, fingerprint scanner, heart-beat scanner etc. options are available from a pool of biometric security scans available. The main purpose of Facial recognition system is to enhance and upgrade the current workflow at many workplaces, institutional bodies and for improving the work quality and efficiency and effectiveness. In Facial Recognition technology facial geometry of an individual is extracted and stored in a face database which on use is then pumped into an recognition algorithm which then does the further processing of face recognition when in use. The survey hereby includes how facial recognition works i.e. step by step, the practical implementations of facial recognition system, operations of facial recognition systems.*

Keywords: Facial Recognition, Biometrics, Face Identification, Face Detection

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