

AN OVERVIEW OF BIOMETRIC SYSTEM

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ABSTRACT

The term *biometric* comes from the Greek words *bios* (life) and *metrikos* (measure). Humans have used body characteristics such as face, voice, gait, etc. for thousands of years to recognize each other. With the proliferation of computers networks in our day to day life, the increased number of applications making use of such networks leads to a problem of identity theft [7]. A wide variety of systems requires reliable personal recognition schemes to either confirm or determine the identity of an individual.

Biometric technology is more convenient and efficient than any other protection technologies used for identity authentication. Biometric technology plays a key role in recognizing humans based on their body Characteristics. The purpose of such schemes is to make sure that the rendered services are accessed only by a legitimate user, and not by anyone else. Hence Biometrics plays a vital role in securing one's privacy using various Biometrics techniques through which fraudulence can be avoided. Biometric technology is considered one of the best protection methods of user information and data[8].

KEYWORDS: Biometric Technology, Circumvention, Fingerprint