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A Project Report
ON

**Designing a Biometric Strategy (Fingerprint) Measure for Enhancing ATM
Security in Indian E-Banking System**

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ABSTRACT

Biometrics based authentication is a potential candidate to replace password-based authentication. Among all the biometrics, fingerprint based identification is one of the most mature and proven technique. At the time of transaction fingerprint image is acquired at the ATM terminal using high resolution fingerprint scanner. Security measures at banks can play a critical, contributory role in preventing attacks on customers. These measures are of paramount importance when considering vulnerabilities and causation in civil litigation. Banks must meet certain standards in order to ensure a safe and secure banking environment for their customers. This project focuses on vulnerabilities and the increasing wave of criminal activities occurring at Automated Teller Machines (ATMs) where quick cash is the prime target for criminals rather than at banks themselves. A biometric measure as a means of enhancing the security for banking system for both customers & bankers also. We also proposed nominees fingerprint identification process while actual card holder unable to do the transactions.