

Thesis Title	Manual V.S. Automated Fingerprint Identification System
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ABSTRACT

The collective knowledge of criminal records throughout the country is essential to crime prevention , therefore must be centralized . Records of all criminals must be stored and the data must be able to be retrieved to obtain maximum efficiency in the shortest period of time . The fingerprint identification system is relied upon to accurately identify criminals to aid in maintaining public safety and prevent crime .

The objectives of this thesis are made in several aspects. The study has compared percentages number of "Hit" detecting the fingerprints from the Criminal Records Division and the Scientific Crime Detection Division ,of the Police Department , by manual and automated fingerprint identification system .

From this study , it is found that the automated identification system has many advantages over the manual system . The most important factors being the accuracy, processing speed , immediate identification from the scene of the crime and the most important factor is the ability to identify criminals from latent fingerprints obtained

from the scene of a crime , a process wich is very time consuming in a manual system .

Therefore , it would be appropriate to consider an automated fingerprint identification system and new technology for criminal records processing to enhance data accuracy and efficiency to support crime prevention .