

HOW TO COLLECT FINGERPRINTS FROM A DECEASED

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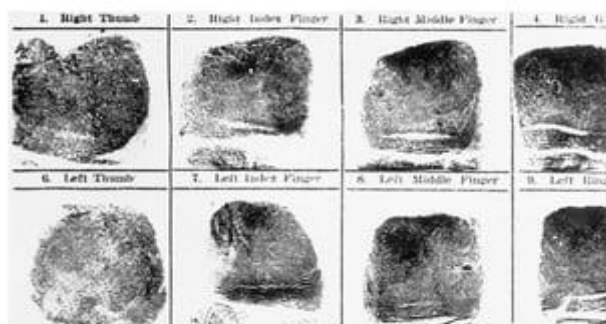
Abstract- The case where the jet body has started to decay is the most difficult to handle in such a case the pattern-bearing skin of fingertips is spilled off and placed in a solution of formaldehyde. The person who takes the fingerprints wears gloves and places skin pieces on his own fingers Thereafter the rolled fingerprinting is recorded on fingerprinting cards in some cases the tissue may be decomposed so badly that we injected opaque material barium sulfate or lead carbonate in the inner surface of fingers and then identify by X photographs.

Index Terms- formaldehyde, barium sulphate, lead carbonate.

INTRODUCTION

Fingerprint identification is the method of identification based on the different patterns of human fingers which is actually unique among each person It is the most popular way of acquiring details of any person and is the most easy and convenient way of identifying a person and advantage of fingerprint identification Method is that the fingerprints pattern remains same for all person throughout his or her life making it an infallible method of human identification.

Person finger print after Death



There are many differences between living and data hands. For instance its creepy to hold living handsome of the time and dead hands all the time most of those differences are difficult for a machine to quickly and reliably quantify the most reliable difference though is the fact that living skin pales when it is pressed against the surface the capillaries that rush blood around the surface of the body aren't able to keep themselves open under pressure and blood leaves that part of the skin although different fingertips may be different shades the color change is constant. The advantages of fingerprint detection from the deceased are death certificates, removal from subsidy benefits, deactivation from Aadhar Bank, gas-like services, electronic gadgets unlocking crime resolve help insurance claim, fraudulent many more identification based services etc. The disadvantages of the fingerprint detection from deceased include misuse security threat ,amputation crime, unethical sometimes privacy threat, fraudulent, post death operation , Many more identification based issues etc.

PROBLEM:

- Scanning
- Not easy to take fingerprint of such a person “Different religion and belief”
- Technology
- Body electricity conductance
- Body temperature due to blood circulation
- Decomposition
- Ridge valley identification
- Deformation
- Stiffness and rigidity in skin
- Time of death etc.

HOW TO COLLECT FINGERPRINT

- Fingerprint powder and tape method
- In that case when the fingers of a dead body are rigid then we use this method . In this method we apply fingerprint powder on the fingertip with the help of a camel hair brush. Lifting tape is then pressed firmly over the finger and removed and pasted it on the fingerprint card.
- If the body is in the rigor mortis state for a long time the skin of fingers becomes shrunken and wrinkled. In such cases suitable fluid (hot water melted paraffin and oils) must be injected beneath the skin to remove wrinkles and to restore the fingers to their original shape. The needle is inserted about 4-5mm below the fingertips.
- The dead body has been exposed to a hot climate for a long time The fingers become very hard and dry In that case we amputate the digits with the help of a bone spine the amputated fingers are soaked in an aqueous solution of potassium hydroxide. Each finger is immersed in a separate vessel, when finger restored their original length, removed it from solution, washed amputated fingers with distilled water and then soaked in 1% formaldehyde solution. Further the fingerprint techniques can be used for recording the prints.

FINGERPRINT COLLECTION FROM DECOMPOSED BODY:

The case where the dead body has started to decay are the most difficult to handle In such a case the pattern bearing skin of fingertips is peeled off and placed in a solution of formaldehyde The person who takes the fingerprints wear gloves and places skin pieces on his own fingers.

