

VARIABILITY IN HUMAN HANDWRITINGS: AN INDIAN UNDERSTANDING

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ABSTRACT

Handwriting is a complex neuromuscular task that imprints the brain impulses by use of hand with a writing instrument onto a surface. Peculiar to humans, writing aids to communicate oral efforts, beliefs, and traditions among individuals in the form of graphics. Handwriting, as a behavioral trait, is frequently and extensively utilized in personal identification but identification of ethnicity solely on the basis of handwriting is a rather unexplored horizon. The former perspective is strongly associated to a biometric system and forensic handwriting identification but the latter perspective dwells into an anthropological domain. Thus in this paper anthropo-forensic approach has been proposed to assess the ethnic identity of the writers on the basis of examination of handwriting attributes.

KEYWORDS: Acquired Skill, Neuro-Muscular Task, Natural Variation, Class Characteristics, Ethnic Identity, Behavioural Biometrics

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