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### **RESEARCH ARTICLE**

# Implementation of Multibiometric System Using Iris and Thumb Recognition

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**Abstract**— *A Multibiometric system relies on the evidence presented by multiple sources of biometric information. Most biometric systems that are presently in use, typically use a single biometric trait to establish identity (i.e., they are unibiometric systems). Multibiometric systems address the issue of non-universality (i.e., limited population coverage) encountered by unibiometric systems. There are various basic criteria for Multibiometric security system: gait recognition, voice recognition, palm recognition, face recognition, iris recognition, fingerprint recognition, vein recognition. From these two main approaches are used in this: Fingerprint and Eye Iris. These two unibiometric systems results in multibiometric system giving more security to the users.*

**Keywords** — *Multibiometric; fusion; minutiae; template; feature extraction; Hough transform.*

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Full Text: <http://www.ijcsmc.com/docs/papers/March2014/V3I3201499b26.pdf>