## **Biimodal Biometrics System Using Fusion of Iris and Fingerprint**

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**Abstract :** This paper proposes the bimodal biometrics system for identity verification iris and fingerprint, at matching score level architecture using weighted sum of score technique. The features are extracted from the pre processed images of iris and fingerprint. These features of a query image are compared with those of a database image to obtain matching scores. The individual scores generated after matching are passed to the fusion module. This module consists of three major steps i.e., normalization, generation of similarity score and fusion of weighted scores. The final score is then used to declare the person as genuine or an impostor. The system is tested on CASIA database and gives an overall accuracy of 91.04% with FAR of 2.58% and FRR of 8.34%.

Keywords : iris, fingerprint, sum rule, fusion

**Conference Title :** ICECECE 2015 : International Conference on Electrical, Computer, Electronics and Communication Engineering

**Conference Location :** Jeddah, Saudi Arabia **Conference Dates :** January 26-27, 2015