Phalguni Gupta

National Institute of Technical Teachers Training & Research, Kolkata

Kolkata 700 106, INDIA

Multimodal Biometrics plays a major role in the field of Individual security. In this talk we discuss a multimodal biometrics system being developed at IIT Kanpur for identity verification. The final decision is made by fusion at matching score level architecture in which feature vectors are created independently for query images and are then compared to the enrollment templates, which are stored in database. Based on the proximity of feature vector and template, each subsystem computes its own matching score. These scores are finally combined into a total score, which is passed to the decision module. Multimodal system is developed through fusion.