VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM

A

PROJECT REPORT

ON

"IDENTIFICATION OF HUMANS USING GAIT"

(Sponsored by KSCST, Banglore)

Submitted in partial fulfillment for the requirement for the award of the degree Bachelor of Engineering in Computer Science and Engineering from Visvesvaraya Technological University,Belgaum, Karnataka.

Project Associates:

Mr.JAYSHANKAR	3PG08CS012
Mr.GOUSPHEER M H	3PG09CS006
Mr.PRADEEPKUMAR V A	3PG09CS022
Mr.SANJAY G M	3PG10CS405

Under the Guidance of

Prof.MALATESH.K. M.Tech,
Dept.of CS&E,PDIT HOSPET

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Bellary V.V. Sangha's

PROUDHADEVARAYA INSTITUTE OF TECHNOLOGY

T.B.DAM, HOSPET-583201

Bellary Dist, Karnataka

2012-2013

ABSTRACT

The human gait is an important biometric feature for human identification. Individuals have distinctive and special ways of walking. Our proposed methodology comes under the appearance-based approaches, different types of features (e.g., the whole silhouettes silhouette width & height values and joint angles are first extracted. In the subsequent pattern-matching stage, some approaches exploit the silhouette shape and dynamics information. By the usage of appearance based approach, we can reduce the dimensionality which in turn reduces time complexity.