

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
BELGAUM-590014

PROJECT ENTITLED
**A LEARNING ALGORITHM FOR OPTIMAL FACE RECOGNITION
IN
DYNAMIC ENVIRONMENTS**

Submitted in partial fulfillment of the requirements for the award of degree of

**BACHELOR OF ENGINEERING
IN
COMPUTER SCIENCE AND ENGINEERING**

For the academic year 2010-2011

Submitted by:

Dharini S
Guru Prasad M
Kiran Tej J L
Kunal Ghosh

1MV07CS025
1MV07CS029
1MV07CS043
1MV07CS048

Project carried out at

Sir M Visvesvaraya Institute Of Technology

Bengaluru-562157

Under the Guidance of

Mr.G.Thippeswamy

Asst.Professor, Dept. of CSE,

SIR MVIT, Bengaluru

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
SIR M VISVESVARAYA INSTITUTE OF TECHNOLOGY
HUNASAMARANAHALLI, BENGALURU-562157**

Sir M Visvesvaraya Institute of Technology
KRISHNADEVERAYA NAGAR, BANGALORE-562157, KARNATAKA
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

CERTIFICATE

It is certified that the project work titled "**A Learning Algorithm for Optimal Face Recognition in Dynamic Environments**" carried out by **Dharini S (1MV07CS025)**, **Guruprasad M (1MV07CS029)**, **Kiran Tej J L (1MV07CS043)**, and **Kunal Ghosh (1MV07CS048)** in partial fulfillment of the requirements for the award of the Degree of Bachelor of Engineering in Computer Science and Engineering of the Visvesvaraya Technological University, Belgaum, during the year 2010-2011. It is certified that all corrections and suggestions indicated for internal assessment have been incorporated in the report. The project has been found to satisfy the academic requirements in respect of project work prescribed for the course of Bachelor of Engineering.

Name and signature
of Guide

G. Thippeswamy
Asst. Professor
Dept. of CSE
Sir MVIT

Name and signature
of HOD

Prof. Dilip K Sen
Head of Department
Dept. of CSE
Sir MVIT

Name and signature
of Principal

Dr. M S Indira
Principal
Sir MVIT

External Examination:

Name of the Examiners

Signature with Date

1)

2)

ACKNOWLEDGEMENT

We would like to express our gratitude to our college Sir M Visvesvaraya Institute of Technology and particularly our Department of Computer science and Engineering for helping us in this endeavour.

Our special thanks to Dr M.S Indira, Principal, Sir MVIT, for all the facilities provided.

We are also grateful to Prof. Dilip K Sen, Head of the Department, Computer Science and Engineering, Sir MVIT, for his support and encouragement that went a long way in successful completion of this project.

Our sincere thanks to our internal guide Mr G.Thippeswamy, Asst.Professor, Department of Computer science and Engineering,Sir MVIT for giving us invaluable suggestions and guidance during the course of the project and all the faculties and non-teaching staff of Department of Computer science and Engineering, Sir MVIT, for helping us directly or indirectly in completing the project.

We would like to thank our project coordinators Mr. Shreyas Suresh Rao and Mr G.Thippeswamy, Department of Computer science and Engineering, Sir MVIT for the immense support and suggestions. Lastly,we would like to thank our family and friends for their encouragement.

Dharini S	1MV07CS025
Guru Prasad M	1MV07CS029
Kiran Tej J L	1MV07CS043
Kunal Ghosh	1MV07CS048

DECLARATION

We here by declare that the entire project work embodied in this dissertation has been carried out by us and no part has been submitted for any degree or diploma of any institution previously.

Place: Bangalore

Date:

Signature of students

Dharini S
(1MV07CS025)

Guruprasad M
(1MV07CS029)

Kiran Tej J L
(1MV07CS043)

Kunal Ghosh
(1MV07CS048)