

**Department of Computer Science and Engineering**

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**Name of Guide:**

**Title of Mini Project: Face identification (Comparison between two images)**

1. INTRODUCTION

Face Identification project is to find out the persons easily without searching with their personal information. The project detects the persons with their facial expressions.  The administrator can log in into the project and upload the suspected image to the server and find out the exact matching’s from the database. This project is intended to identify a person using the images previously taken. The identification will be done according the previous images of different persons.

1. LITERATURE SURVEY

Existing work:

The development of face identification has been past from the year to years. There are three major research groups, which propose three different approaches to the face recognition problem. The largest group has dealt with facial characteristics. The second group performs human face identification based on feature vectors extracted from profile silhouettes. The third group uses feature vectors extracted from a frontal view of the face. But there are few drawbacks, the need of extra manual effort, it used to take much time to find the result, not very much accurate, danger of losing the files in some cases, need good knowledge in drawing.

Proposed work:

To overcome the drawbacks that were in the existing system we develop a system where the program keeps track of the record number of each slice during the construction of identifiable human face and calculate maximum number of slices of the similar record number. There is addition, clipping, construction and updating of the face. Comparing the image with the faces that are there in our database.

Advantages:

1. Very fast and accurate.
2. No need of any extra manual effort.
3. No fear of data loss.
4. Just need a little knowledge to operate the system.
5. Doesn’t require any extra hardware device.
6. At last very easy to find the records.
7. OUTLINE OF PROPOSED WORK

Algorithm

Architecture

Outline

1. LIST OF MODULES
2. REQUIREMENTS
3. Hardware Requirements:

Processor : Pentium IV

Clock Speed : 2.86GHZ Processor

Hard disk : 2GB

RAM : 256MB

1. Software Requirements:

Operating System : Windows

Database Server : Oracle 9i

Programming Language : Java

Frame Work : Swing

1. REFERENCES

Date:

Place:

Mr.N.D.Karande Mr.K.M.Aldar Dr.B.C.Melinmath

Guide Coordinator H.O.D. CSE.