**ABSTRACT:**

In our given set of project, we proposed to make an automated Staff and Visitor logging Management system. Our system consists of a camera setup for calibrating video faces, it’s further abilities include pre-processing of images and extracting facial features for face recognition. The different methods within the sequence of flow of application in our project consist of:

- Database Creation,

- Face Detection,

- Data Gathering and

- Face Recognition

This paper presents the principles of the method and implementation to perform face recognition. The system will provide a format for propogating operation of real time usage of computer vision.

**INTRODUCTION:**

The concept behind our project is to provide a work frame for defining the real time usage of a computer vision named “Staff and Visitor Logging Management System”. Face Recognition, as the name suggests, is a method to identify and/or verify the identity of a person. In the former process, the preprocessed image of a person is compared with face images of known individuals from a large database, the algorithms then returns the recognized (and of course correct) identity. We are using Cascade Classifier and a recognizer that we used in our training module.

The application of our project is to apply all the conceptual theory and understanding to successfully create and provide a Logging Management System.