**MINI PROJECT – I**

**(2018-19)**

**Face Recognition Attendance System**

# Group No-90

**SYNOPSIS**



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**About the Project:**

**The main motto of our project is to mark the attendance of the students present inside the class.**

**The project includes the concept of image processing by using smart phones camera, which provides us to divide it into 3 modules.**

**We will use image processing techniques for recognizing a student by clicking the picture. Later on we would make our system capable of recognizing the various faces in a group photo so that it will fetch the faces and automatically upload the attendance in the backend of our database system**

**Motivation:**

**We are making this project for preventing the number of proxies and also the time consumption in attendance.**

**Future Prospects:**

**The clicking of image will be replaced by a technique, in which the faculty will wave the camera in the class resulting in the auto detection of face without clicking the image.**

**Requirements:**

1. **Hardware:**

* **Phone’s Rear Camera**
* **i3 Processor**
* **RAM 2GB**
* **GPU 2GB**

1. **Software:**

* **Anaconda**
* **Tensor Flow**
* **GitHub**
* **Notepad++**
* **Open CV**