



DEPARTMENT OF APEX INSTITUTE OF TECHNOLOGY

PROJECT PROPOSAL

1. Project Title: Facial Recognition Attendance Using LBPH Algorithm

2. Project Scope: - (Max 500 words)

The "Attendance Management System" is a piece of software designed to track a student's attendance in college on a daily basis. The staff members in charge of the topics will be responsible for keeping track of the students' attendance. Each member of staff will be given a unique username and password based on the subject they are responsible for. This is where the accurate report based on student attendance is prepared. This approach will also assist in determining a student's attendance eligibility criteria. On a weekly and monthly basis, a report on the student's attendance is generated.

3. Requirements: -

➤ Hardware Requirements

1. PC with Window 10 or above
2. 8GB RAM and SSD with i3 processor
3. Python Version 3.7 or above

➤ Software Requirements

1. Python installed
2. tkinter library
3. LBPH Algorithm

4. Objective: -

The " Facial Recognition Attendance Using LBPH Algorithm " is a software designed to track a student's attendance in college on a daily basis. The staff members in charge of the topics will be responsible for keeping track of the students' attendance. Each member of staff will be given a unique username and password based on the subject they are responsible for. This is where the accurate report based on student attendance is prepared. This approach will also assist in determining a student's attendance eligibility criteria. On a weekly and monthly basis, a report on the student's attendance is generated.

STUDENTS DETAILS

Name	UID	Signature
GAJULA AJAY	20BCS6140	
P. VINAY KUMAR	20BCS4467	
J. VEERANNA SWAMY	20BCS4500	
MUKKA SANTOSH NARASIMHA	20BCS4417	

APPROVAL AND AUTHORITY TO PROCEED

We approve the project as described above, and authorize the team to proceed.

Name	Title	Signature (With Date)