

**PROJECT REPORT ON**

**STUDENT FACE RECOGNITION BASED  
ATTENDANCE SYSTEM AND SERVICES**

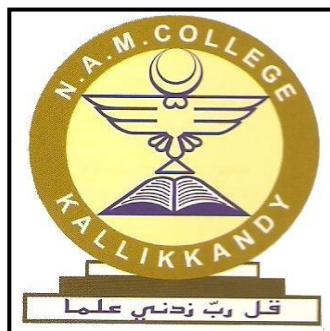
**SUBMITTED IN PARTIAL FULFILMENT OF REQUIREMENT FOR THE AWARD OF  
M.Sc. DEGREE IN COMPUTER SCIENCE OF KANNUR UNIVERSITY**



**SUBMITTED BY**

**SANJANA K K**

**REG NO: B9PSCS1207**



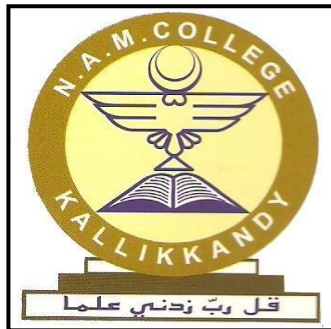
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**DEPARTMENT OF M.Sc. COMPUTER SCIENCE**

**PROJECT REPORT**

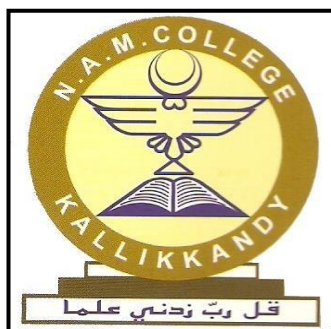
**ON**

**STUDENT FACE RECOGNITION BASED  
ATTENDANCE SYSTEM AND SERVICES**

**PRESENTED BY**

**SANJANA K K  
B9PSCS1207**

**N.A.M COLLEGE, KALLIKKANDY**  
**P.O. THUVAKKUNNU, KANNUR-670693**  
(Aided & Affiliated to Kannur University)



**CERTIFICATE**

This is to certify that this Project Report entitled “**STUDENT FACE RECOGNITION BASED ATTENDANCE SYSTEM AND SERVICES**” is and submitted in partial fulfillment of the MSc Degree in Computer Science is a result of the Bonafede work carried out by **SANJANA K K** with Reg.No: **B9PSCS1207** of N.A.M College, Kallikkandy during the academic year of **2020 -2021**.

**Internal Project Guide:**

Miss. ASHIFA .P

ASSISTANT PROFESSOR

N A M COLLEGE,KALLIKKANDY

**Head of the Department:**

Smt. SREEJA K V

ASSISTANT PROFESSOR

N A M COLLEGE,KALLIKKANDY

**External Examiner :**

- 1.
- 2.

## **DECLARATION**

I hereby declare that the project entitled “ **STUDENT FACE RECOGNITION BASED ATTENDANCE SYSTEM AND SERVICES**” submitted by **SANJANA K K** bearing enrolment number **B9PSCS1207** to **KANNUR UNIVERSITY** in partial fulfilment of the requirement for the award of the **MSc COMPUTER SCIENCE** is a record of bonafide project work carried out by me under the super vision of Miss. ASHIFA P

Place : KALLIKKANDY

Name : **SANJANA K K**

Date :

Signature :

# ACKNOWLEDGEMENT

A word of thanks.....

Before I get into the thick of things I would like to add few heartfelt words for the people who gave unending support right from the stage the idea of project was received . I express my deep sense of gratitude and sincere thanks to those who have helped me in developing this project.

My first and foremost thanks goes to our college principal **Mr. Dr. MUHAMMED KUTTY** for being constant source of encouragement during the project period . I am extremely grateful to him for providing opportunity to do my project at this college.

Next, I would like to express my deepest gratitude to Smt. **SREEJA K V** ,HOD of Computer Science Department for initiating me into this project for her valuable guidance and suggestions.

My sincere thanks to **Miss.ASHIFA P** ,my Internal Project Guide in N.A.M College, Kallikkandy, can't be expressed fully in words .I thank her from the bottom of my heart. I wish to acknowledge my deep sense of gratitude to Miss .JINCY ,Software Developer of FUTURA LABS,Calicut, my project guide for the meticulous manner in which he imparted her knowledge, support and encouragement to complete my project successfully.

I pay my regards to all our teachers and non-teaching staffs at the college or the knowledge they have imparted to me over the last two months. I am also grateful to my family members and friends for their cooperation and moral support. Above all, I owe my gratitude to God almighty for showering abundant blessings upon me. Above all it is the grace and blessing of God the almighty, which make this endeavor success.

**SANJANA K K**

# SYNOPSIS

“Students Face Recognition Based Attendance System & Services” In this project we aim to build an Attendance Management System with the help of Face detection . It Provides an automated attendance system that is practical, reliable and eliminate disturbance and time loss of traditional attendance systems , Present a system that can accurately evaluate student’s performance depending on their recorded attendance rate. Face recognition technique requires minimum human intervention. Face recognition based attendance system is a process of recognizing the students face for taking attendance by using face biometrics based on high - definition monitor video and other information technology .Face recognition technologies have been associated generally with very costly top secure applications. Today the core technologies have evolved and the cost of equipment is going down dramatically due to the integration and the increasing processing power. Certain applications of face recognition technology are now cost effective, reliable and highly accurate. Face recognition technology will take barely few seconds for the authentication process saving precious man hours