

# **AEROSCAN**

(A wearable air quality scanner)

## **UCEST206 - Engineering Entrepreneurship and IPR**

Micro Project Report submitted in partial fulfillment for the  
degree of **B.Tech. in Computer Science and Engineering**

Submitted by

**VISHNU MOHANAN (Reg No: MUT24CS324)**

**ATHUL PRINCE (Reg No: )**

**HARIPRASAD S PAI (Reg No: )**

**JOSEPH SAJI (Reg No: )**



**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

(Affiliated to APJ Abdul Kalam Technological University)

**APRIL 2025**

# DECLARATION

We hereby declare that this submission is our own work and that, to the best of our knowledge and belief, it contains no material previously written by another person nor material that has been accepted for the award of any other degree or diploma of the university or other institute of higher learning, except where due acknowledgment has been made in the text.

**VISHNU MOHANAN (Reg No: MUT24CS324)**

**ATHUL PRINCE (Reg No: )**

**HARIPRASAD S PAI (Reg No: )**

**JOSEPH SAJI (Reg No: )**

**Place: Varikoli**

**Date: 18/04/2025**



Varikoli P.O., Puthencruz-682308

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

**CERTIFICATE**

This is to certify that the Micro Project report entitled "AEROSCAN" submitted by " VISHNU MOHANAN (Reg No: MUT24CS324) ATHUL PRINCE (Reg No: ) HARIPRASAD S PAI (Reg No: ) JOSEPH SAJI (Reg No: )" of Semester II is a bonafide account of the work done by them under our supervision during the academic year 2024-25.

This project work has been carried out in the Department of Computer Science and Engineering, Muthoot Institute of Technology and Science, under the guidance of Dr. Suja C Nair, Associate Professor, and has not been submitted elsewhere for any other purpose.

**Course Faculty**

Dr. Suja C Nair  
Associate Professor  
Dept. of CSE

# ACKNOWLEDGEMENT

We are grateful to Almighty who has blessed us with good health, commitment, and continuous interest throughout the project work.

We express our sincere thanks to our project supervisor, Dr. Suja C Nair, Associate Professor, Department of Computer Science And Engineering, Muthoot Institute of Technology and Science, and Dr. Anishin Raj M M, Associate Professor, Head of the Department, Muthoot Institute of Technology and Science, for their guidance and support, which were instrumental in all the stages of the project work.

We would like to thank Dr. Neelakantan P.C., Principal, Muthoot Institute of Technology and Science, Varikoli, for providing us all the necessary facilities.

We would also like to express our sincere gratitude to all the teaching and non-teaching staff of the Computer Science Department for providing a good environment.

In our daily work, we have been blessed with a friendly and cheerful group of fellow students. We are very much thankful to all the members of S2 CSE-A 2024-2028 batch.

Besides this, several people have knowingly and unknowingly helped us in the successful completion of this project. We express our sincere gratitude to all of them.

# ABSTRACT

Write abstract here

# Contents

# Chapter 1

## INTRODUCTION

1.1 Problem Statement

1.2 Storyboarding

# **Chapter 2**

## **PROBLEM SOLUTION CANVAS**

**2.1 Problem Canvas**

**2.2 Customer Profiling**

**2.3 Competitor Analysis**



# **Chapter 3**

## **BUSINESS PLAN PREPARATION**

# **Chapter 4**

## **PROTOTYPE DEVELOPMENT**

# Chapter 5

## CONCLUSION

# **Chapter 6**

## **REFERENCES**