A INTERNSHIP REPORT ON

STUDY OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING FOR TELECOMMUNICATION

submitted in partial fulfillment of the requirements

for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

MECHANICAL ENGINEERING

By

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(Approved by AICTE & Affiliated to JNTUA, Ananthapuramu)

DEPARTMENT OF MECHANICAL ENGINEERING

(2025-26)

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DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

This is to certify that the internship report "**STUDY OF INTERNET OF THING"** is a genuine work of

A JAGADEESH 23751A0375

submitted to the department of Mechanical Engineering, in partial fulfillment of the requirements for the award of the degree of Bachelor of Technology in Mechanical Engineering, during the academic year 2025-26.

Signature of the Supervisor
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Submitted for Semester End Examination held on ……

INTERNAL EXAMINER **EXTERNAL EXAMINER**

SAMPLE INTERNSHIP CERTIFICATE

CERTIFICATE OF INTERNSHIP

This is to certify that

Sara Bellum

has completed an internship from ..... to.....
During the period of her internship program with us, she had been exposed to different process and was found diligent and inquisitive. We wish her every success in her life and career.

.....
JOHN DOE
CHAIRMAN

1

CERTIFICATE
OF INTERNSHIP

This Is Presented To

Arieta Benson

For completing the 120-hour internship as the assistant business analyst.

Given this April 5, 2030.

SIGNATURE

ABSTRACT

Air cooler is one of the appliances that keeping the atmosphere cold. The basic concept of water cooling is to find a medium that can handle and transport heat more efficient than air. Water has a very good ability to retail heat, in the meantime stay in a liquid form. This project is to design and develop a low cost air cooler which can be used in housed and office.

Secondary research has been carried out to collect data regarding the present design of air cooler. Various types of air cooler available in the market have been studied. Suppliers have been contacted and thorough understanding has been done on the merits and practical problems based on the feedbacks.

Concepts of the final air cooler have been developed and design ideas have been finalized to keep the total investment cost minimum while meeting with the requirements of the desired performance. Thus air cooler with a separate fan is selected as a the final concept through TQM concept. Colours are chosen according to its application to make it aesthetically good. The working model is finally fabricated and yielded desired results.

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CHAPTER 1

INTRODUCTION ABOUT THE COMPANY

1.1 INTRODUCTION

Air cooler is one of the appliances which are used to cool the air in confined space for the comfort of the occupants.

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CHAPTER 2

PROJECT DESCRIPTION

CHAPTER 3

SUMMARY AND CONCLUSON

The entire wok of this air cooler project can be summarized as follows.

1. Collection of data about existing air coolers in the market.
2. Analysing merits and practical problems of the products
3. Selecting the optimum model for fabrication
4. Choosing the right type of material for each part
5. Finding out the cost economic source of all vendors
6. Fabrication of the mini air cooler
7. Inspection and Testing of the final assembly
8. Corrective action and sealing of leakages in the joints
9. Arriving at the final project cost
10. Demonstration of the working model.

A low cost air cooler for residential use has been made to meet the requirements of the customers. All the product design specification arrived after due considerations and final fabrication is done in a cost economic and affordable price for the consumer. The product can be utilized, which increase efficiency, comfort to profitability.

REFERENCES

APPENDIX / PHOTOS