“Dr. BABASAHEB AMBEDKAR MARATHWADA UNIVERSITY, Chatrapati Sambhajinage”

PROJECT TITLE

Submitted by

Under the guidance of
name of guide

In partial fulfillment of the award of Bachelor of Technology
(Electrical Engineering)

Department of Electrical Engineering
Maharashtra Institute of Technology,
Aurangabad (Maharashtra)
2022-2023

DECLARATION

I hereby declare that the thesis entitled, **"Your project title in Capital"** has been completed and written by me.

To best of my knowledge and belief, the work embodied in this thesis has not formed earlier the basis for the award of any Degree or similar title of this any other University or examining body.

I give an undertaking that the material included in the thesis from other sources is duly acknowledged. I have incorporated all the changes as suggested by the Pre-submission presentation Committee, if any.

Mr. First Student name
Mr. second student name
Mr. third student name
Maharashtra Institute of
Technology, Ch. Sambhajinagar

Date: DD/ MM/ YYYY
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CERTIFICATE

This is to certify that the minor project report entitled “Name of Project Report(12 TNR bold, title case)”, submitted by [name of candidate(12 TNR bold, title case)] is the bonafied work completed under my supervision and guidance in partial fulfillment for the award of Bachel or of Technology (Electrical Engineering) of Dr. Babasaheb Ambedkar Marathwada University, Aurangabad (M.S.).

Place: Aurangabad
Date: .....

Xxxx	Dr. Shilpa Kodgire	Dr. S. M. Badave
Guide Project	Co-ordinator	Head of Department

Dr. S. P. Bhosle
Director
Maharashtra Institute of Technology
Ch. Sambhajinagar (M.S.) – 431 005

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The portion of success is brewed by the efforts put in by many individuals. It is constant support provided by people who give you the initiative, who inspire you at each step of your endeavor that eventually helps you in your goal.

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NAME OF STUDENT

ROLL NO:

DIVISION:

ABSTRACT

You can write your abstract here.

KEYWORDS Report writing, overleaf

TABLE OF CONTENTS

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LIST OF FIGURES

ABBREVIATIONS

Table 1: Abbreviations

CNN	Convolutional Neural network
ReLU	Rectified Linear Unit
Ex	Example
RGB	Red Green Blue

NOTATION

English Symbols

R_E	Radius of the earth
R_u	Universal Gas Constant

CHAPTER 1

INTRODUCTION

1.1 Introduction

1.2 Need of project

Write need of project o this section [1] you need to add .bib code of paper or article in ref.bib file. and the use this "cite" command

1.3 Objective of Project

write objectives of work

- item 1
- item 2
- item 3

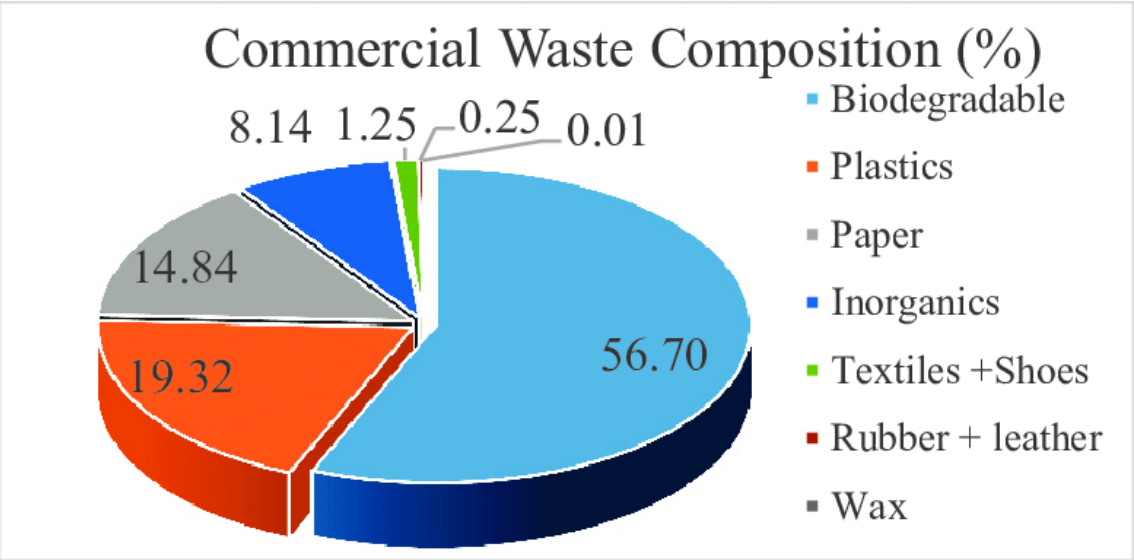

Fig. 1.1: figure title

CHAPTER 2

Literature Review

The literature available on the project idea is found to be very less. There are several subcategories that can be created while doing literature survey.

2.1 Literature Description

In this journal, Author, Kanta Tachibana. et. al discussed about the wind prediction performance by using Complex Neural Network Wind ReLU activation function. The author presented that, the wind power generation is introduced in 1990's and the power generation by wind energy is 3 million KW in 2016. The activation area figure is shown in journal. The author shows some images of prediction performance of real neural network and prediction performance of OR type complex neural network. In this journal, the author concludes regarding functions of ReLU on the complex ReLU network such that AND, OR Product and SUM. In our project, the SUM function is implemented for image processing technique [**?**].

CHAPTER 3

System Modelling

This chapter should include the theory concept of project. This should have relevance with the block diagram of project. All basic theoretical concepts should be covered in this chapter.

3.1 topic 1

Image processing is mainly based on processing the image in terms of color, texture, and size. Around 50000 images are taken into the directory to train the controller. The images were loaded to have their RGB code extracted. Later the images were classified based on the pattern of the code in a generalized way. The neural networking work on these images and justifies a decision level to identify the image category.

3.1.1 CNN

you can add subsection

Table 3.1: Table Title

Sr No	Component Details	Quantity
01	bahasd	01
02	bcshbiudfsl	01

3.2 hardware and software details including circuit diagram

YOU ARE EXPECTED TO WRITE THE REPORT BY UNDERSTANDING THE FLOW OF YOUR WORK. YOU CAN CHARGE THE NAME OF SECTIONS OR EVEN THE NAME AND SEQUENCE OF CHAPTERS BY DISCUSSING IT WITH GUIDE.

3.3 Summary of chapter

try to write summary of chapter at end of each chapter which will relate with upcoming chapter.

CHAPTER 4

simulation and Hardware implementation of System

you can add the chapter 4 introduction

4.1 Work

The system we have designed has following major parts

- Solar Panel and charging arrangement
- Hopper
- Conveyor Belt and motor arrangement
- Camera

4.1.1 Solar Panel and Charging Arrangement

Motor specifications:

Table 4.1: Specifications of Motor required for Conveyor Belt

Voltage	12V
Current drawn	10Amp
RPM	20RPM
Motor type	Warm gear
Torque	15Kg-cm Approx. 1.47N-m

table is added for your reference to use as per your requirement

4.2 Summary

CHAPTER 5

Experimental Results

5.1 section title

5.1.1 subsection title

motor

CHAPTER 6

Conclusion and Future Scope

6.1 Conclusion

Write conclusion of your work

6.2 Advantages

6.3 Discadvantages

6.4 Future Scope

write future scope of work

REFERENCES

[1] T. H. Rocky, M. Islam, and U. K. Saha, "Resource recovery potential from kitchen waste," in *2nd International Conference on Green Energy and Technology*, pp. 18–21, 2014.