

**GOVERNMENT POLYTECHNIC COLLEGE
MATTANNUR-670702**

(Department of Technical Education, Kerala)



**PROJECT REPORT ON
IOT BASED TEMPERATURE MASK SCAN
ENTRY BARRIER**

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CERTIFICATE

Certified that seminar work entitled “**IOT TEMPERATURE MASK
SCAN ENTRY BARRIER**” is a bonafide work carried out by “**OUR TEAM**”
in partial fulfillment for the award of Diploma in Electronics Engineering
from Government Polytechnic College, Mattannur during the academic year
2021-2022.

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DECLARATION

I hereby declare that the report of the ***IOT BASED TEMPERATURE MASK SCAN ENTRY BARRIER*** entitled which is being submitted to the Govt. Polytechnic College, Mattannur, in partial fulfilment of the requirement for the award of ***Diploma in Electronics Engineering*** is a confide report of the work carried out by me. The material in this report has not been submitted to any institute for the award of any degree.

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ABSTRACT

Mandatory face mask rules are becoming more common in public settings around the world. There are growing scientific evidence supporting the effectiveness of face mask wearing on reducing the spread of the virus. However, we have also seen some backlash on face masks, posing danger to people who are enforcing the rules.

This motivates this work to develop a deep learning model which detects whether a person is wearing a face mask and based on that workout an alerting system. The model can be deployed at local supermarkets or school buildings to control the automatic door, which only opens to people wearing face masks.

TABLE OF CONTENTS

CHAPTER NO.	TOPICS	PAGE NO.
Chapter 1	INTRODUCTION.....	1
Chapter 2	BLOCK DIAGRAM.....	2
Chapter 2.2	COMPONENTS USED.....	4
Chapter 2.3	SOFTWARE USED	4
Chapter 3	HARDWARE DESCRIPTION.....	5
Chapter 3.1	RASPBERRY PI.....	5
Chapter 3.2	USB CAMERA.....	8
Chapter 3.3	MLX 90614.....	9
Chapter 3.4	POWER SUPPLY.....	10
Chapter 3.4.1	POWER SUPPLY BLOCK DIAGRAM.....	10
Chapter 3.4.2	REGULATED LINEAR SUPPLY.....	11
Chapter 4		
	SOFTWARE DESCRIPTION.....	13
Chapter 4.1	PYTHON IDLE.....	13
Chapter 4.2	VNC VIEWER.....	14
Chapter 5	CIRCUIT DIAGRAM.....	15
Chapter 6	IMPLEMENTARION.....	16
Chapter 7	FLOW CHART.....	17
Chapter 8	COST ESTIMATION.....	18
Chapter 9	ADVANTAGES AND DISADVANTAGES.....	19
Chapter 10	CONCLUSION AND FUTURE SCOPE.....	20
Chapter 11	PROGRAM.....	21

LIST OF FIGURES

FIGURE NO.	NAME	PAGE NO.
Figure 2.1	BLOCK DIAGRAM.....	3
Figure 3.1	RASPBERRY PI 3 MODEL B BOARD.....	5
Figure 3.1.1	RASPBERRY PI GPIO HEADERS.....	7
Figure 3.2	USB CAMERA.....	8
Figure 3.3	MLX 90614.....	9
Figure 3.4.1	POWER SUPPLY BLOCK DIAGRAM	10
Figure 3.5	FULL BRIDGE RECTIFIER CIRCUIT.....	11
Figure 3.5.1	STEP DOWN TRANSFORMER.....	11
Figure 3.5.2	BRIDGE RECTIFIER.....	12
Figure 3.5.3	77805 IC PINOUTS.....	13
Figure 4.1	PYTHON IDLE.....	14
Figure 4.2	REAL VNC VIEWER MAIN WINDOW.....	15
Figure 5.1	CIRCUIT DIAGARM.....	16