



## **FINAL YEAR PROJECT REPORT**

# **TEMPERATURE AND MASK SCAN ENTRY SYSTEM FOR COVID PREVENTION**

**In fulfillment of the requirement  
For degree of  
BEE (Electrical Engineering)**

**By**

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**DECLARATION**

We hereby declare that this project report is based on our original work except for citations and quotations which have been duly acknowledged. We also declare that it has not been previously and concurrently submitted for any other degree or award at Bahria University or other institutions.

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**TEMPERATURE AND MASK SCAN  
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PREVENTION**

**ABSTRACT**

The increasing number of COVID-19 tests offers additional information about the epidemic's spread, perhaps allowing it to be managed and more infections avoided. Wearing a face mask to reduce droplet transmission in the air, keeping adequate physical space between individuals, and avoiding direct contact can all assist to prevent this outbreak. As a result, the focus of this research is on developing a Face Mask and Temperature Detection model utilizing a vision system. The author's goal in this thesis is to create a model that can detect faces wearing masks and assess their temperature. If the temperature is higher than normal, the door will not open, and if they don't have a mask, the door will not open as well.

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