

A

Report on

HOSPITAL SANITIZATION ROBOT

A report submitted for the partial fulfillment of the requirements for Mini Project of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

Submitted by

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT

(HOSPITAL SANITIZATION ROBOT)

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# **HOSPITAL SANITIZATION ROBOT**

## **ABSTRACT**

Hospital sanitizing rooms with human efforts is not an easy task. It increases the chances of contracting infection, leading to further spread of harmful microorganisms. The UV sanitization robot uses the power of UV rays to kill germs & Bacteria. The robot can also give a live video stream of its surroundings with the help of WIFI, we can control the robot and its GUI allows us to drive the robot inside a hospital room without physically being there. All this enables us to sanitize the hospital room as per our requirements. By killing the germs, the UV light restricts their multiplication by destroying their reproductive system.