

A

Report on

MEDICAL SANITIZATION WITH 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

KATCHALLA NOOKARAJU (20815A0430)

Under the guidance of

Mr K V S Ganesh Mtech

Assistant Professor



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

TAMARAM, MAKAVARAPALEM, NARSIPATNAM-531113

2021-2022

AVANTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

Tamaram, makavarapalem, narsipatnam road, Visakhapatnam dist-531113

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MINI PROJECT

(MEDICAL SANITIZATION WITH ROBOT)


BY

NAME: KATCHALLA NOOKARAJU

REG NO:20815A0430


INTERNAL COORDINATORS


EXTERNAL EXAMINER


HOD, ECE
HEAD OF THE DEPARTMENT
DEPARTMENT OF ECE
Avanthi Institute of Engg.&Tech.
Makavarapalem, Visakhapatnam Dist-531 113

MEDICAL SANITIZATION WITH 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.