



G. Narayanamma Institute of Technology & Science (For Women) (Autonomous)

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Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

GN-R-18 (2022 - 2023) II B.Tech II Sem Hobby Project

on

"HIDDEN CAMERA DETECTION"

Abstract

This project intends to aim maintaining the safety and security of people by developing an application with the help of which spy cameras can easily be detected. It finds its application in courts and places where cameras are not allowed. The issue of hidden cameras at public places is very paramount these days. These cameras are secretly put up in trial rooms, theatres, hotel rooms and many other places which pose a major threat to the privacy of people.

Hidden Camera Detector analyses the magnetic activity in surrounding areas and incase a resemblance to a camera is detected an alarm is raised. This application would be great help for camera restricted areas. This efficient method for camera detection can be detected even for small lenses.

The main objective of this project is to ensure safety and find hidden surveillance cameras just using your smartphones. This project is designed to detect hidden spy cameras in a room using computer vision techniques and magnetometer data.

Software Requirements: VM Ware or VirtualBox, Compatible OS, MQTT Broker: For Message Transmission, Web Interface: For users to receive alerts

Hardware Requirements: Windows, Intel core I5 processor, 8GB RAM

*Dept R&D: No

* If No : GNITS



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