



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

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Shaikpet, Hyderabad-500104

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

<GN-R-18> (2022 - 2023) II B.Tech II Sem Hobby Project
on "DISTANCE ALERT WALL SENSOR"

Abstract:

The distance alert-wall sensor is a technology designed to detect the proximity of objects or individuals to a specific area. These techniques include infrared and ultrasonic sensors, which emit a signal that bounces back to the sensor, allowing it to calculate the distance. The device can be used in different applications, such as security, traffic management, and automated parking systems. In security applications, the sensor can detect if someone is approaching a restricted area, such as a building entrance or a fence. The sensor operates with high accuracy and reliability, and it can send alerts in real-time, providing essential information to users. Overall, the distance alert-wall sensor is a promising technology that has the potential to improve safety and efficiency in various domains.

Tinkercad is an online platform that allows users to design and simulate 3D models.

Tinkercad has a range of electronic components that can be used to build circuits and control devices, and it also has a built-in Arduino simulator that allows users to program and test their circuits in a virtual environment.

Hardware Requirements: Intel i core i7 Processor ,64 bit OS,6GB RAM,1TB HD


Software Requirements: C++,Arduino IDE, Tinkercard

*Dept R&D: Yes / No

* If No : GNITS




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