

ARDUINO BASED VOICE CONTROLLED ROBOT

Aim:

This project aims at developing a robot that detects and recognises different faces or objects and can be controlled through voice.

Objective:

This project describes a simple and easy hardware for the implementation of face, object and speech detection and recognition. The system is programmed using python programming language for object and face recognition and for controlling the mechanism of the robot we write the program in Arduino. All these data is given to the robot such that when a person or object is identified the robot speaks the name of the person or the object and then it can be controlled by using voice commands.

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