

SPPU AVISHKAR – 2023
Level: UG/PG/Teacher
APCOER – SHORTLISTED

Name of Department: Computer Engineering

Title of Innovative Project: Controlling Robot By Using Google Assistant , Bluetooth And Human Gesture

Sr.No	Name	Class	Mob No	Remark
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Abstract:

The "Controlling Robot Using Google Assistant, Bluetooth Module, and Human Gesture Recognition" project presents an innovative approach to interact with and control a mobile robot using voice commands via Google Assistant, Bluetooth communication, and gesture recognition technology. This project aims to enhance user experience and streamline the operation of robots in various applications, such as home automation, surveillance, and entertainment.

Android based robot has a Bluetooth receiver unit which receives the commands and give it to the microcontroller circuit to control the motors. The microcontroller then transmits the signal to the motor driver IC's to operate the motors.

Keywords:

Internet Of Thing(IOT),Google Assistant, Bluetooth Module, Human Gesture.