

# Gesture Controlled Robotics Hand

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**Abstract:** *In this new era robotic hands are used in various areas such as military, defense, Medical Surgeries, pick and place function in industrial automation applications. Based on the gesture of human hands the robotic hand moves and performs the task and this system replicates the actions of human hand. The hand is very flexible and can be made suitable in places where the environment is not safe for humans like firework manufacturing industry, bomb diffusing etc. There are various techniques for controlling the robotic hand. This paper deals with the gesture recognition for controlling the movements of the robotic hand through wireless control using servo control, flex sensor, arduino nano, (receive and transmitter)transceiver.*

**Keywords:** Robotic

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