

ABSTRACT

Gesture Controlled all terrain Robot is a robot which can be controlled by simple gestures. The user just needs to wear a gesture device which includes a sensor. The sensor will record the movement of hand in a specific direction which will result in the movement of the robot in the respective direction. All-terrain robots are supposed to handle a wider variety of terrain than ordinary robots. Whatever type of terrain you prefer (tough terrain, steep slopes, sand, mud, etc.), these robots can provide maneuverability and stability on every point of the terrain. The robot and the Gesture device are connected wirelessly. The wireless communication enables the user to interact with the robot in a more friendly way.