

ABSTRACT

The project aims in designing a Robot arm which is operated through the voice commands given by the user wirelessly and also which is capable of Picking and Placing of many objects. This system makes use of Bluetooth technology for wireless transmission. The advent of new high-speed technology and introduction of voice recognition techniques provided a realistic opportunity for new robot controls and realization of new methods of control theory. This technical improvement together with the need for high performance robots created faster, more accurate and more intelligent robots using new robots control devices, new drivers and advanced control algorithms. This project describes a new economical solution of robot control systems. The presented robot arm control system can be used for different sophisticated robotic applications.