

# **ANDROID WARFIELD ROBOT**

## **ABSTRACT:**

Robotics is the branch of mechanical engineering, electrical engineering and computer science that deals with the design, construction, operation and application of robotics, as well as computer systems for their control, sensory feedback and information processing.

The aim of developing a high-tech technology serves the purpose of achieving high speed technology, advanced capacity to control the robots and to device new methods of control theory. The realization of above standards some technical improvement along with the need of high performance robot is required to create a faster, reliable, accurate and more intelligent robot which can be devised by advanced control algorithm, robot control devices and new drivers.

The design of our project encourages developing a robotic vehicle based on Bluetooth and RF technology for the remote operation of wireless camera mounted on the robot for monitoring purpose. The transmitting module consist of the push buttons that send the commands to the receiving module for controlling the movement of robot either to right, left, forward, downward. In the receiving module of the robot two motors are interfaced with the movement via L293D motor driver IC.

**Shield Technologies**

#2232, 3<sup>rd</sup> floor, 16<sup>th</sup> B cross, Yelahanka new town, Bangalore-64

Phone: 9972364704 / 08073744810

Shield Technologies