



Arduino Based Robotic Objects Lifter Controlled with Smartphone

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Abstract—Today, technology is developing in the same direction in line with rapidly increasing human needs. The work done to meet these needs makes life easier day by day. For developing a robotic vehicle, a robotic arm is designed which help in picking the objects up along with catching gripper. The aim of this robot is to handle the arm in a different direction with the help of the mobile application. To control the robot, the Arduino is used to handle the vehicle movement and the arm position. It is operated wirelessly. This robot is handy for the people who use crippled and face problem while moving things freely for objects to take them away. The Arduino based robotic objects lifter Controlled by Smartphone is also used for the scientist and for those people that work in places which are unreachable.

Keywords — arduino, robotic arm, android