







move left, move right using these commands which are given from the Android mobile. Robot has a Bluetooth receiver unit that receives the commands and send it to the microcontroller circuit to control the motors. The microcontroller then transfers the signal to the motor driver IC's to operate the motors.

## References

- [1] Android Developers Guide.Android Architecture ,2013,URL:<http://.android.com/about/versions/index.html>.
- [2] Heidi Monson (1999) bluetooth technology and implementations, John Wiley & Sons.
- [3] Piyare, R. and Tazil, M. (2011) “ bluetooth based home automation system using Android phones”. IEEE 15TH International symposium on consumer electronics (ISCE), 14-17 june 2011, Singapore.
- [4] Potts, J. and Sukittanon, S. (2012) “ Exploring bluetooth on android mobile mobile devices for home security application”, proceedings of southeastcon, 15-18 March 2012, orlando, florida, USA.
- [5] HC-06 bluetooth module, [http://www.Lanwind.com/files/hc-06\\_en.pdf](http://www.Lanwind.com/files/hc-06_en.pdf).
- [6] Arduino, ios, android and technology tit bits, <http://sree.cc/google/android/using-bluetooth-in-android>.
- [7] Smart phones android operated robot, <http://www.sooxmatechnologies.com>
- [8] Bluetooth based android phone/tablet controlled robot,
- [9] <http://www.robokits.co.in>
- [10] Ritika Pahuja, Narender Kumar, Electronics & Communication Engineering, Department, BRCM College of Engineering & Technology, Bahal, India,” Android Mobile Phone Controlled Bluetooth Robot Using 8051 Microcontroller”, International Journal of Scientific Engineering and Research (IJSER), Volume 2 Issue 7, July 2014
- [11] The 8051 microcontroller & embedded systems:- By Moh.Ali Mazidi ,Janice Gillispie Mazidi & Rolino D.Mckinlay
- [12] [www.engineersgarage.com](http://www.engineersgarage.com)
- [13] [www.instructable.com](http://www.instructable.com)
- [14] [www.atmel.com](http://www.atmel.com)
- [15] [www.wikipedia.com](http://www.wikipedia.com)