

## REFERENCES

### Books :

- [1] Agus Kurniawan. Arduino Uno: A Hands-on Guide for Beginner, Depok, 2015
- [2] Boxall, John. 2013. Arduino Workshop. No Starch Press Inc. San Fransisco.
- [3] Fraden, Jacob. 2004. Handbook of modern sensors : physics, designs, and applications. Springer-Verlag Inc. New York.
- [4] John G. Webster, Halit Eren. Measurement, Instrumentation, and Sensors Handbook, Second Edition: Spatial, Mechanical, Thermal, and Radiation Measurement, CRC Press, 2016
- [5] Kimmo, Tero Karvinen. Make: Arduino Bots and Gadgets, O'Reilly Media, Inc, Sebastopol, 2011
- [6] Muhammad, Syahwil. 2013. *Panduan Mudah Simulasi dan Praktik Mikrokontroler Arduino*. ANDI. Yogyakarta.
- [7] Pitowarno, Endra. 2006. *Desain Kontrol dan Kecerdasan Buatan*. ANDI. Yogyakarta.
- [8] Steve Senty. Motor Control Fundamentals, Cengage Learnig, Delmar, 2013.
- [9] Sugiyono. 2012. *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Bandung: Alfabeta.

**Journals :**

[10] Firmansyah. 2008. *Palang Pintu Kereta Otomatis Dengan Indikator Suara Sebagai Peringatan Dini Berbasis Mikrokontroler AT89S51*. Jurnal Teknologi dan Rekayasa.

[11] Nataliana, Decy. 2011. *Perancangan Prototype Deteksi Kecepatan Kendaraan Menggunakan RFID Berbasis Mikrokontroller Atmega 8535*. Jurnal Informatika.

[12] Saputra, H. A. 2008. *Rancang Bangun Pengendalian Palang Pintu Kereta Api Berbasis PLC*. Tugas Akhir. Universitas Negeri Semarang.

[13] Sitepu, R. 2008. *Prototype Pintu Lintasan Kereta Api Otomatis*. Jurnal Widya Teknik

[14] Sunyoto, Andi. 2013 STMIK AMIKOM. Yogyakarta.

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**Websites :**

<http://jateng.tribunnews.com/2016/06/29/waspadalah-429-perlintasan-kereta-api-di-jateng-tidak-dijaga-petugas>

<http://steveslockandsafe.com/venice-locksmith-home-security-technicians-notebook/>

<http://www.glolab.com/pirparts/infrared.html>

<http://elektronika-dasar.web.id/lcd-liquid-cristal-display/>

<https://learn.adafruit.com/pir-passive-infrared-proximity-motion-sensor/how-pirs-work>

