

## DAFTAR PUSTAKA

- [1] N. Song and Y. Banyo, "The Concentration of Leaf Chlorophyll As Water-Deficit Indicator in Plants," 2010.
- [2] E. Anggarwulan and W. Mudyantini, "Pengaruh Ketersediaan Air terhadap Pertumbuhan dan Kandungan Bahan Aktif Saponin Tanaman Ginseng Jawa ( *Talinum paniculatum* Gaertn .)," vol. 3, no. 2, pp. 47–51, 2005.
- [3] G. Irianto, "Antisipasi litbang serealiala dalam menghadapi dampak pemanasan global guna mendukung kemandirian pangan," no. Las 2008, pp. 978–979, 2009.
- [4] A. D. Siuli Roy and S. Bandyopadhyay, "Agro-sense: Precision agriculture using sensor-based wireless mesh networks," *Int. Telecommun. Union - Proc. 1st ITU-T Kaleidosc. Acad. Conf. Innov. NGN, K-INGN*, pp. 383–388, 2008.
- [5] J. Gutierrez, J. F. Villa-Medina, A. Nieto-Garibay, and M. A. Porta-Gandara, "Automated irrigation system using a wireless sensor network and GPRS module," *IEEE Trans. Instrum. Meas.*, vol. 63, no. 1, pp. 166–176, 2014.
- [6] A. Adil, V. Badarla, A. K. Plappally, R. Bhandari, and P. C. Sankhla, "Development of Affordable ICT Solutions for Water Conservation in Agriculture," 2015.
- [7] Aqeel-ur-Rehman, A. Z. Abbasi, N. Islam, and Z. A. Shaikh, "A review of wireless sensors and networks' applications in agriculture," *Comput. Stand. Interfaces*, vol. 36, no. 2, pp. 263–270, 2014.
- [8] S. Xiong, L. Wang, X. Qu, and Y. Zhan, "Application Research of WSN in Precise Agriculture Irrigation," *2009 Int. Conf. Environ. Sci. Inf. Appl. Technol.*, pp. 297–300, 2009.
- [9] J. Hu, L. Shen, Y. Yang, R. Lv, and N. Mobile, "Design and implementation of wireless sensor and actor network for precision agriculture," *2010 IEEE Int. Conf. Wirel. Commun. Netw. Inf. Secur.*, pp. 571–575, 2010.
- [10] C. Systems, "Development of WSN System for Precision Agriculture," pp. 0–4, 2015.

- [11] “Pi2ModB1GB\_-comp.jpeg (4224×2394).” [Online]. Available: [https://www.raspberrypi.org/wp-content/uploads/2015/01/Pi2ModB1GB\\_-comp.jpeg](https://www.raspberrypi.org/wp-content/uploads/2015/01/Pi2ModB1GB_-comp.jpeg). [Accessed: 26-Jan-2016].
- [12] “GPIO: Models A+, B+ and Raspberry Pi 2 - Raspberry Pi Documentation.” [Online]. Available: <https://www.raspberrypi.org/documentation/usage/gpio-plus-and-raspi2/>. [Accessed: 26-Jan-2016].
- [13] “The Pi4J Project - Pin Numbering - Raspberry Pi 2 Model B.” [Online]. Available: <http://pi4j.com/pins/model-2b-rev1.html>. [Accessed: 26-Jan-2016].
- [14] “XBee Pro 63mW RPSMA - Series 2 (ZigBee Mesh) S2B.” [Online]. Available: [http://www.tinyosshop.com/index.php?route=product/product&product\\_id=283](http://www.tinyosshop.com/index.php?route=product/product&product_id=283). [Accessed: 26-Jan-2016].
- [15] “XBee and ZigBee Basic Concepts.” [Online]. Available: [http://ftp1.digi.com/support/documentation/html/90001399/90001399\\_A/Files/XBee-concepts.html](http://ftp1.digi.com/support/documentation/html/90001399/90001399_A/Files/XBee-concepts.html). [Accessed: 26-Jan-2016].
- [16] “XCTU - Digi International.” [Online]. Available: <http://www.digi.com/products/xbee-rf-solutions/xctu-software/xctu>. [Accessed: 16-Feb-2016].
- [17] “Exploring XBees and XCTU - learn.sparkfun.com.” [Online]. Available: <https://learn.sparkfun.com/tutorials/exploring-xbees-and-xctu/starting-with-xctu>. [Accessed: 16-Feb-2016].
- [18] “Two-way Water Solenoid Valve (BTB2W-25) - China Two-way Water Solenoid Valve (BTB2W-25) Manufacturer & Exporter - Yuhuan B.T.BEST Air-Valve Co., Ltd.” [Online]. Available: [http://www.btbvalve.com/products/Pneumatic\\_Solenoid\\_Valve/BTB2W-25\\_Two\\_way\\_Water\\_Solenoid\\_Valve.htm](http://www.btbvalve.com/products/Pneumatic_Solenoid_Valve/BTB2W-25_Two_way_Water_Solenoid_Valve.htm). [Accessed: 26-Jan-2016].
- [19] “Solenoid Valve Specifications and Dimensions.” [Online]. Available: [https://www.stcvalve.com/solenoid\\_valve\\_specifications\\_and\\_dimensions\\_2S\\_2W.htm](https://www.stcvalve.com/solenoid_valve_specifications_and_dimensions_2S_2W.htm). [Accessed: 26-Jan-2016].
- [20] “HTTP Made Really Easy.” [Online]. Available: <https://www.jmarshall.com/easy/http/#postmethod>. [Accessed: 04-Feb-2016].

- [21] “Drupadi Hosting - Knowledgebase Akses SSH Menggunakan PuTTY -.” [Online]. Available: <https://www.drupadi.com/knowledgebase/35/Akses-SSH-Menggunakan-PuTTY.html>. [Accessed: 04-Feb-2016].
- [22] “GLOBAL POSITIONING SYSTEM (GPS) OVERVIEW | toni super - Academia.edu.” [Online]. Available: [http://www.academia.edu/4915337/GLOBAL\\_POSITIONING\\_SYSTEM\\_GPS\\_OVERVIEW](http://www.academia.edu/4915337/GLOBAL_POSITIONING_SYSTEM_GPS_OVERVIEW). [Accessed: 16-Feb-2016].
- [23] “Ublox NEO-6M GPS Module w/ EEPROM - Blue + Green - Free Shipping - DealExtreme.” [Online]. Available: <http://www.dx.com/p/ublox-neo-6m-gps-module-w-eprom-blue-green-251973#.VsNOT4ITLIV>. [Accessed: 16-Feb-2016].
- [24] “Wireless Sensor Network | indrastanti ratna widiasari - Academia.edu.” [Online]. Available: [http://www.academia.edu/6606416/Wireless\\_Sensor\\_Network](http://www.academia.edu/6606416/Wireless_Sensor_Network). [Accessed: 26-Jan-2016].
- [25] “How To Identify A Relay’s Pin Configuration.” [Online]. Available: <http://www.zen22142.zen.co.uk/ronj/cpr.html>. [Accessed: 26-Jan-2016].
- [26] “2-Channel Relay module - Geeetech Wiki.” [Online]. Available: [http://www.geeetech.com/wiki/index.php/2-Channel\\_Relay\\_module](http://www.geeetech.com/wiki/index.php/2-Channel_Relay_module). [Accessed: 26-Jan-2016].
- [27] “Amazon.com : RHX New 5V 2-Channel Relay Module Shield for Arduino ARM PIC AVR DSP Electronic 10A : Automotive Relay Control Module Relays : Car Electronics.” [Online]. Available: <http://www.amazon.com/RHX-2-Channel-Module-Arduino-Electronic/dp/B00C5X7FQM>. [Accessed: 26-Jan-2016].
- [28] M. A. Shorif, “A Reconfigurable Secured Wireless Sensor Networks with Xbees and Arduino,” pp. 19 – 37, 2014.
- [29] “Jaringan Sensor Nirkabel dan Tren Aplikasinya di 2014 » Berita-iptek.” [Online]. Available: <http://berita-iptek.com/jaringan-sensor-nirkabel-dan-tren-aplikasinya-di-2014/>. [Accessed: 26-Jan-2016].