

DAFTAR PUSTAKA

- Adiwilaga, A., 2014. [Online]
Tersedia di at: <https://blogs.itb.ac.id/anugraha/2014/09/10/teori-pengukuran-jarak/>
[Diakses 9 Juni 2018].
- Bandara, et al., 2016. Smart Irrigation Controlling System for Green Roofs Based on Predicted Evapotranspiration. *Institute of Electrical and Electronics Engineers*, Volume 16, pp. 5090-5095.
- Banu, N., 2017. *Purwarupa Sistem Monitoring Daya pada Solar Cell Berbasis Internet of Things Menggunakan Sensor Arus ACS712 dan Modul WI-FI ESP8266*. Tugas Akhir ed. Yogyakarta: UGM.
- Chairi, S. M. & Sivakumar, B., 2017. Development of Smart Network Using WSN and IoT for Precision Agriculture Monitoring System on Cloud. *International Research Journal of Engineering and Technology (IRJET)*, 04(05), pp. 1502-15005.
- Darmawan, S., 2007. *Persatuan Pelajar Indonesia Ibaraki*. [Online]
Tersedia di at: <http://ibaraki.ppijepang.org/51/>
[Diakses 15 Maret 2018].
- Dewangga, D. A., 2015. Pengembangan Sistem Irigasi Tetes Terkendali Berbasis Sensor Lengas Tanah. *UGM*, pp. 1-4.
- DF Robot Intern Team, 2017. *DF Robot - Drive the Future*. [Online]
Tersedia di at:
https://www.dfrobot.com/wiki/index.php/Capacitive_Soil_Moisture_Sensor_SKU:SEN0193
[Diakses 14 Maret 2018].
- Enfsolar, 2018. *Enfsolar*. [Online]
Tersedia di at: <https://www.enfsolar.com/pv/panel-datasheet/Polycrystalline/18663>
[Diakses 18 Mei 2018].
- Espressif Systems, 2018. *ESP32-WROOM-32 (ESP-WROOM-32) Datasheet*. [Online]
Tersedia di at:
https://www.espressif.com/sites/default/files/documentation/esp-wroom-32_datasheet_en.pdf
[Diakses 17 Mei 2018].

- Fahmizal, 2010. *Fahmizal Note*. [Online]
Tersedia di at: <https://fahmizaleeits.wordpress.com/2010/08/29/akses-sensor-suhu-dan-kelembaban-sht11-berbasis-mikrokontroler/>
[Diakses 11 Desember 2017].
- Fawzi, Y., 2014. *Rancang bangun Alat Monitoringlengas Tanah Menggunakan Sensor Konduktansi Berbasis Mikrokontroler Atmega32*. Yogyakarta: UGM.
- Google, 2018. *Google Apps Script*. [Online]
Tersedia di at: <https://developers.google.com/apps-script/>
[Diakses 2018 Mei 2018].
- Google, 2018. *White Stratus*. [Online]
Tersedia di at: <http://whitestratus.com/portfolio-view/ten-best-practices-for-google-apps-script/>
[Diakses 18 Mei 2018].
- Hanna Instruments, 2007. *Hanna Instruments*. [Online]
Tersedia di at:
https://hannainst.com/downloads/dl/file/id/1768/manhi_98311_98312.pdf
[Diakses 17 Mei 2018].
- Isabela, 2007. *Octiva*. [Online]
Tersedia di at: <http://www.octiva.net/projects/ppm/>
[Diakses 27 Maret 2018].
- Julianto, 2017. Smart Agriculture untuk Penuhi Kebutuhan Pangan Dunia. *Infokomputer*, pp. 82-83.
- Kementrian Pertanian Republik Indonesia, 2015. *Rencana Strategis Kementrian Pertanian Tahun 2015-2019*. Jakarta: Kementrian Pertanian Republik Indonesia.
- Kho, D., 2015. *Teknik Elektronika*. [Online]
Tersedia di at: <http://teknikelektronika.com/pengertian-baterai-jenis-jenis-baterai/>
[Diakses 28 Desember 2017].
- Kumar, A. & Chandra, A., 2016. Precision Agriculture through Internet of Things. *International Journal of Modern in Engineering and Research*, 03(02), pp. 600-605.
- Kumar, K. M., Akhi, K., Gunti, S. K. & Reddy, S. P., 2016. Implementing Smart Home Using Firebase. *International Journal of Research in Engineering and Applied Sciences*, 6(10), pp. 193-198.

- Martínez, P. A., 2018. *Medium*. [Online]
Tersedia di at: <https://pamartinezandres.com/lessons-learnt-the-hard-way-using-firebase-realtime-database-c609b52b9afb>
[Diakses 18 Mei 2018].
- Morris, A., 2001. *Meassuriment and Instrumentation Principles*. London: Butterworth-Heinemann.
- Murti, S., 2017. *Pembuatan dan Analisis Alat Ukur Arus Tegangan DC Beserta Data Logger Berbasis Arduino pada Sistem Kontrol Turbin Angin PLTH Pandansimo*. Yogyakarta: UGM.
- NanJing Top Power ASIC Corp, 2016. *Datasheet Cafe*. [Online]
Tersedia di at: <http://www.datasheetcafe.com/tp4056-datasheet-battery-charger/>
[Diakses 2018 Mei 2018].
- Pandiangan, P., 2014. *Modul I Ketidakpastian dan Pengukuran*. Tangerang: Universitas Terbuka.
- Prayoga, D., 2017. *Aplikasi Pencatatan Transaksi Keuangan Berbasis Android di Organisasi Nasyiatul Aisyah*. Yogyakarta: UGM.
- Rafsanjani, A. R., 2016. Perancangan Jaringan Sensor Nirkabel Dengan Sink Node Bergerak Untuk Precision Agriculture. *UGM*, pp. 1-2.
- Rawashdeh, M., 2013. *Instructables*. [Online]
Tersedia di at: <http://www.instructables.com/id/BH1750-Digital-Light-Sensor/>
[Diakses 28 Mei 2018].
- Rayhan, M., 2016. *Medium*. [Online]
Tersedia di at: https://medium.com/@md_ray/berbagi-pengalaman-menggunakan-firebase-dalam-membantu-pengembangan-android-apps-42421cf15a20
[Diakses 18 Mei 2018].
- ROHM Semiconductor, 2014. *Rohm Semiconductor*. [Online]
Tersedia di at:
<http://rohmfs.rohm.com/en/products/databook/datasheet/ic/sensor/light/bh1721fvc-e.pdf>
[Diakses 28 Mei 2018].
- Sensirion, 2018. *Sensirion*. [Online]
Tersedia di at: <https://www.sensirion.com/en/environmental-sensors/humidity-sensors/digital-humidity-sensors-for-accurate->

measurements/
[Diakses 18 Mei 2018].

Shintron, 2010. *shintron*. [Online]
Tersedia di at: <http://www.shintron.com.tw/proimages/b8-1/LM8805-Rev.1.5.1.pdf>
[Diakses 18 Mei 2018].

Suakanto, S. & Agus, I. P., 2015. *Wireless Sensor Network Teori dan Praktek Berbasis Open Source*. Bandung: Informatika.

Sunrom Electronics Technologies, 2017. *Sunrom Electronics Technologies*.
[Online]
Tersedia di at: <https://www.sunrom.com/p/lithium-battery-charger-tp4056-1a>
[Diakses 22 Desember 2017].

u-Blox, 2010. *u-Blok*. [Online]
Tersedia di at: [https://www.u-blox.com/sites/default/files/products/documents/NEO-6_DataSheet_\(GPS.G6-HW-09005\).pdf](https://www.u-blox.com/sites/default/files/products/documents/NEO-6_DataSheet_(GPS.G6-HW-09005).pdf)
[Diakses 17 Mei 2018].

Yonida, A. D., 2017. *farming.id*. [Online]
Tersedia di at: <https://farming.id/faktor-faktor-yang-mempengaruhi-pertumbuhan-dan-perkembangan-tanaman/>
[Diakses 22 Desember 2017].

Yunianto, A. F., 2008. Prototipe Stasiun Klimatologi Pertanian Berbasis Komputer PC dan Mikrokontroler AVR dengan Wireless Transceiver. *UGM*, pp. 1-2.