

DAFTAR PUSTAKA

- Abdurrohman, M.Q. et al., 2015. A Modified Gain Scheduling Controller by Considering the Sparseness Property of UAV Quadrotors. *Journal of Mechatronics, Electrical Power, and Vehicular Technology*, 6(1), p.9. Available at: <http://mevjournals.com/index.php/mev/article/view/221>.
- Ambar Tri Utomo, Ramadani Syahputra, I., 2011. Implementasi Mikrokontroler Sebagai Pengukur Suhu Delapan Ruangan. *Pengukur Suhu*, 4(Pengukur Suhu Delapan Ruangan), pp.153–159.
- Chamim, A.N.N., Ahmadi, D. & Iswanto, 2016. Atmega16 Implementation As Indicators Of Maximum Speed. *International Journal of Applied Engineering Research*, 11(15), pp.8432–8435.
- Chamim, A.N.N. & Iswanto, 2011. Implementasi Mikrokontroler Untuk Pengendalian Lampu Dengan Sms. In *Prosending Retii 6*.
- Dr. Ir. Thomas Sri Widodo, DEA, Dipl. Ing ELEKTRONIKA DASAR.
- Erna Wuryani, poltekes Yogyakarta kesehatan lingkungan 2014. Skripsi pengaruh volume ruang dan lama waktu sterilisasi sinar *ultra violet* terhadap penurunan angka kuman di ruangan isolasi bangsal mawar dan isolasi bangsal anggrek RSUD muntilan kabupaten magelang.
- Hidayat, L., Iswanto & Muhammad, H., 2015. Perancangan Robot Pemadam Api Divisi Senior Berkaki. *Jurnal Semesta Teknik*, 14(2), pp.112–116.
- Iswanto, 2008. *Design dan Implementasi Sistem Embedded Mikrokontroler ATMEGA8535 dengan Bahasa Basic*, Yogyakarta: Gava Media.
- Iswanto, I., 2008. *Antarmuka Port Pararel dan Port Serial dengan Delphi 6 Compatible Sistem Operasi Windows*, Gava Media.

- Iswanto, I., 2009. *Belajar Sendiri Mikrokontroller AT90S2313 Dengan Basic Compiler*, Andi Publisher.
- Iswanto, I. & Raharja, N.M., 2010. Sistem monitoring dan peringatan dini tanah longsor. In *Simposium Nasional RAPI IX 2010*. pp. 54–62.
- Iswanto, I., Raharja, N.M. & Subardono, A., 2009. Sistem Peringatan Dini Tanah Longsor Berbasis Atmega8535. In *Seminar Nasional Informatika 2009 (semnasIF 2009)*. pp. 53–57.
- Iswanto, I. & Setiawan, R.D., 2013. Power Saver with PIR Sensor. *Journal of Control & Instrumentation*, 4(3), pp.26–34.
- Iswanto, I., Wahyunggoro, O. & Cahyadi, A.I., 2016a. Hover Position of Quadrotor Based on PD-like Fuzzy Linear Programming. *International Journal of Electrical and Computer Engineering (IJECE)*, 6(5), pp.2251–2261.
- Iswanto, I., Wahyunggoro, O. & Cahyadi, A.I., 2016b. Quadrotor Path Planning Based On Modified Fuzzy Cell Decomposition Algorithm. *TELKOMNIKA*, 14(2), pp.655–664.
- Iswanto, I., Wahyunggoro, O. & Imam Cahyadi, A., 2016. Path Planning Based on Fuzzy Decision Trees and Potential Field. *International Journal of Electrical and Computer Engineering (IJECE)*, 6(1), p.212. Available at: <http://www.iaescore.com/journals/index.php/IJECE/article/view/98>.
- ISWANTO, JAMAL, A. & SETIADY, F., 2011. Implementasi Telepon Seluler sebagai Kendali Lampu Jarak Jauh. *Jurnal Ilmiah Semesta Teknik*, 14(1), pp.81–85.
- ISWANTO & MUHAMMAD, H., 2012. WEATHER MONITORING STATION WITH REMOTE RADIO FREQUENCY WIRELESS COMMUNICATIONS. *International Journal of Embedded Systems and Applications (IJESA)*, 2(3), pp.99–106.

Iswanto & Raharja, N.M., 2015. *Mikrokontroller: Teori dan Praktik Atmega 16 dengan Bahasa C*, Penerbit Deepublish.

Mubarok, R. et al., 2016. Motorcycle-Security using Position Searching Algorithm Based on Hybrid Fuzzy-Dijkstra. *Indonesian Journal of Electrical Engineering and Computer Science*, 3(2), pp.468–474.

Muhammad, H. & Iswanto, 2013. EGT 10 Design and Application For Position. *International Journal of Mobile Network Communications & Telematics (IJMNCT)*, 3(3), pp.1–8.

Prof. Dr. Zuhail M.Sc.EE Ir. Zhanggischan Pirinsip Dasar ELEKTRO TEKNIK

Prasetya, D.B., Iswanto & Sadad, R.T.A., 2010. Implementasi Mikrokontroler Sebagai Pengendali Kapasitor Untuk Perbaikan Faktor Daya Otomatis pada Jaringan Listrik. *SEMESTA TEKNIKA*, 13(2), pp.181–192.

Raharja, N.M. et al., 2015. Altitude control for quadrotor with mamdani fuzzy model. In *2015 International Conference on Science in Information Technology (ICSITech)*. IEEE, pp. 309–314. Available at: <http://ieeexplore.ieee.org/lpdocs/epic03/wrapper.htm?arnumber=7407823>.

Raharja, N.M. et al., 2014. Hover position quadrotor control with fuzzy logic. In *2014 The 1st International Conference on Information Technology, Computer, and Electrical Engineering*. IEEE, pp. 89–92. Available at: <http://ieeexplore.ieee.org/lpdocs/epic03/wrapper.htm?arnumber=7065720>.

Sadad, R. an T.A. et al., 2013. Remote Measurement System Ground Shift with GSM. *International journal of Mobile Network Communications & Telematics (IJMNCT)*, 3(3), pp.65–72.

Sadad, R.T.A. & Iswanto, 2011. Peranan Teknologi Solar Cell dalam Peningkatan Daya Saing Usaha Kecil dan Menengah. *SEMESTA TEKNIKA*, 14(1), pp.58–63.

SADAD, R.T.A., ISWANTO & SADAD, J.A., 2011. Implementasi

Mikrokontroler Sebagai Pengendali Lift Empat Lantai. *JURNAL ILMIAH SEMESTA TEKNIKA*, 14(2), pp.160–165.

Sugiri, A.md., S.Pd. Elektronika Dasar dan Pheriperal Komputer.

Suripto, S. & Iswanto, 2012. DESAIN AND IMPLEMENTATION OF FM RADIO WAVES AS DISTANCE MEASURING AC VOLTAGE. *International Journal of Mobile Network Communications & Telematics (IJMNCT)*, 2(5), pp.13–24.

Tunggal, T.P., Latif, A. & Iswanto, 2016. Low-cost portable heart rate monitoring based on photoplethysmography and decision tree. In *ADVANCES OF SCIENCE AND TECHNOLOGY FOR SOCIETY: Proceedings of the 1st International Conference on Science and Technology 2015 (ICST-2015)*. p. 090004. Available at: <http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.4958522>.

Wahyudianto, A., Iswanto & Chamim, A.N.N., 2013. ALAT PENGONTROL LAMPU MENGGUNAKAN REMOTE TV UNIVERSAL. In *SEMINAR NASIONAL ke 8 Tahun 2013*. pp. 112–116.

Darmanto Trikueni (2014). Solid State Relay (SSR) <http://trikueni-desain-sistem.blogspot.co.id/2014/03/Pengertian-Solid-State-Relay.html> (Diakses pada 24 Juni 2016).

Dasar elektronika (2012). LCD (Liquid Cristal Display) <http://elektronika-dasar.web.id/lcd-liquid-cristal-display/>. (Diakses pada 11 Agustus 2016).

Hygiene and Sanitation R.S Paru Respira Jogja (2011). Desinfeksi dan Sterilisasi Rumah Sakit <http://sanitation-respirajogja.blogspot.com/2011/01/desinfeksi-dan-sterilisasi-rumah-sakit.html#ixzz3iIZyam4A> (Diakses pada 11 Agustus 2016).

- Jamaludin Akbar Muhammad (2011). Akusisi data menggunakan mikrokontroler <http://www.immersa-lab.com/pengenalan-mikrokontroler.htm> (Diakses pada 20 September 2015).
- Kho Dickson (2015). Pengertian Power Supply dan Jenis-jenisnya <http://teknikelektronika.com/pengertian-power-supply-jenis-catu-daya/>. (Diakses pada 08 Agustus 2016).
- Kho Dickson (2015). Pengertian Piezoelectric Buzzer dan Cara Kerjanya <http://teknikelektronika.com/pengertian-piezoelectric-buzzer-cara-kerja-buzzer/> (Diakses pada 11 Agustus 2016).
- Supriyanto (2015). Ballast Elektronik Untuk Lampu Fluoresent (TL) <http://blog.unnes.ac.id/antosupri/ballast-elektronik-untuk-lampu-fluorescent-tl/> . (Diakses pada 11 Agustus 2016).