

DAFTAR PUSTAKA

- 4859-Article Text-16619-1-10-20241117. (n.d.).
- Abdurrasyid, Indrianto, Susanti, M. N. I., & Purwanto, Y. S. (2021). Detection of water quality in crayfish ponds with IoT. *Bulletin of Electrical Engineering and Informatics*, 10(2), 886–897. <https://doi.org/10.11591/eei.v10i2.1968>
- Abriando, A., & Djawa Tao, S. (2025). RANCANG BANGUN ALAT PEMILAH SAMPAH BERBASIS IOT. *Jurnal Informatika Teknologi Dan Sains*, 7(3), 1483–1491.
- Adebimpe, S. (2025). *Propeller Aerodynamic Design and Optimization*. <https://doi.org/10.35248/2168-9792.25.14.375>
- Alvianingsih, G., Wahyu, T., Putri, O., & Maharani, P. (n.d.). Perancangan Sistem Monitoring Pada Pemilah Sampah Otomatis Berbasis Internet Of Things Menggunakan Aplikasi Blynk. In *Prosiding Seminar Nasional Energi* (Vol. 26). Kelistrikan.
- Andini, F. P., Andriani, T., Ariyanto, N., & Topan, P. A. (n.d.). RANCANG BANGUN KANDANG AYAM PEDAGING CERDAS OTOMATIS BERBASIS MIKROKONTROLER ESP32 DAN APLIKASI BLYNK IOT. *Jurnal Informatika Teknologi Dan Sains*.
- Arby, S. (2024). Automatic waste sorting and trash bin capacity monitoring system using solar panels based on Internet of Things (IoT). *Journal of Industrial Automation and Electrical Engineering*, 01(02), 41–48.
- Autsou, S., Kudelina, K., Vaimann, T., Rassõlkin, A., & Kallaste, A. (2024). Principles and Methods of Servomotor Control: Comparative Analysis and Applications. In *Applied Sciences (Switzerland)* (Vol. 14, Number 6). Multidisciplinary Digital Publishing Institute (MDPI). <https://doi.org/10.3390/app14062579>
- Bahaa, A., Abdelaziz, A., Sayed, A., Elfangary, L., & Fahmy, H. (2021). Monitoring real time security attacks for iot systems using devsecops: A systematic literature review. In *Information (Switzerland)* (Vol. 12, Number 4). MDPI AG. <https://doi.org/10.3390/info12040154>
- Buana Surabaya, A., & Nur Rifky, A. (n.d.). *Iot-Based Smart Trash Monitoring Using Blynk Application*. 03(2), 2021.
- Čoko, D., Stančić, I., Rodić, L. D., & Čošić, D. (2022). TheraProx: Capacitive Proximity Sensing. *Electronics (Switzerland)*, 11(3). <https://doi.org/10.3390/electronics11030393>

- Darmanto, H., Asrul, H., Teknologi Informasi, P., & Manajemen Informatika dan Komputer Taruna, A. (n.d.). *Monitoring Ketinggian Air Tandon Berbasis IoT Dengan ESP32 Melalui Website* (Vol. 4, Number 2). Retrieved <https://www.static-rc.com/>
- Dewangga, P., Roso, A., Ramadhan, A., Rizky, I., Saputra, F., & Syamsuddiin, A. (n.d.). *PERANCANGAN TEMPAT SAMPAH PEMILAH OTOMATIS*.
- Dian Mahardi, R., Sunuharjo, L., Hendrawan, D., Agri Wahyuadi, R., Prakosa Adhi Nugraha, S., Electrical Engineering, D., & Tinggi Teknik Pati, S. (2024). Desain Perancangan Buck Converter Berbasis IC LM2596. In *Jurnal Sains dan Ilmu Terapan* (Vol. 7).
- Diani, M. R., Haniifah, D., & Dianty, F. R. (2024). Analisis proyeksi pertumbuhan penduduk dan volume sampah DKI Jakarta terhadap dampak yang ditimbulkan. *Journal of Waste and Sustainable Consumption*, 1(1), 27–45. <https://doi.org/10.61511/jwsc.v1i1.2024.691>
- Dimas Maulana, Diana Alia, & Akhmad Kasan Gupron. (2025). Rancang Bangun Battery Charger Menggunakan Solar Panel System Berbasis Internet of Things (IoT). *Jupiter: Publikasi Ilmu Keteknikan Industri, Teknik Elektro Dan Informatika*, 3(3), 73–92. <https://doi.org/10.61132/jupiter.v3i3.852>
- Effendi, R. (2023). Analisis Penggunaan Energi Surya Fotovoltaik Sebagai Sumber Energi Alternatif. *Jurnal Teknik Industri Terintegrasi*, 6(4), 1298–1302. <https://doi.org/10.31004/jutin.v6i4.20634>
- Elektro, J. E., Dilla, B., Widi, B., Wilyanti, S., Jaenul, A., Antono, Z. M., & Pangestu, A. (n.d.). *Implementasi Solar Charge Controller Untuk Pengisian Baterai Dengan Menggunakan Sumber Energi Hybrid Pada Sepeda Motor Listrik*. Retrieved <https://journal.uny.ac.id/index.php/jee>
- Falinda, W., Putra, H. M., & Nuzuluddin, M. (2023). Rancang Bangun Pemilah Sampah Logam, Plastik dan Organik Secara Otomatis Berbasis Internet of Things (Iot). *Jurnal PRINTER: Jurnal Pengembangan Rekayasa Informatika Dan Komputer*, 1(2), 142–153. <https://doi.org/10.29408/jprinter.v1i2.23079>
- Ferry, C., Saputra, M., & Sulisty, W. (2024). Alat Keamanan Depan Rumah Berbasis Internet of Things (IoT) Menggunakan ESP32-CAM yang Terintegrasi dengan Face Detection dan Telegram. *Jurnal Teknologi Informasi Dan Komunikasi*, 8(1), 2024. <https://doi.org/10.35870/jti>
- Indrianto, I., Susanti, M. N. I., Siregar, R. R. A., Putri, J. P., & Purwanto, Y. (2019). Smart taxi security system design with Internet of Things (IoT). *Telkomnika*

- (*Telecommunication Computing Electronics and Control*), 17(3), 1250–1255.
<https://doi.org/10.12928/TELKOMNIKA.V17I3.10167>
- Jamaaluddin, J., Anshory, I., & Dhiya Ayuni, S. (2021). Analysis of Overcurrent Safety in Miniature Circuit Breaker with Alternating Current. *Journal of Electrical Technology UMY (JET-UMY)*, 5(2).
- Khairudin, M., Asnawi, R., & Shah, A. (2020). The characteristics of tb6600 motor driver in producing optimal movement for the nema23 stepper motor on CNC machine. *Telkomnika (Telecommunication Computing Electronics and Control)*, 18(1), 343–350.
<https://doi.org/10.12928/TELKOMNIKA.v18i1.12781>
- Kurniawan, A. (2022). *Perancangan Model dan Simulasi Modul Sel Surya Paralel Menggunakan MATLAB* (Vol. 1, Number 3).
- Lianawati, Y., Mahendra, C., Sugianto, G. M., Mendrofa, S. J., Setiani, A. L., & Baraga, B. Y. (2024). Sistem Monitoring dan Controlling “Smart waste” berbasis Internet of Things menggunakan modul ESP 32. *Journal of Telecommunication Electronics and Control Engineering (JTECE)*, 6(2), 163–175. <https://doi.org/10.20895/jtece.v6i2.1400>
- Media’s, E., . S., & Rif’an, M. (2019). Internet of Things (IoT): BLYNK Framework for Smart Home. *KnE Social Sciences*, 3(12), 579. <https://doi.org/10.18502/kss.v3i12.4128>
- Merdeka Malang, U., Terusan Dieng, J., & Malang, K. (n.d.). *Jurnal Teknik Elektro: Electronic Control, Telecommunication, Computer Information and Power System Penerapan Sistem Iot Untuk Pemantauan Dan Pengendalian pH Air Limbah Tahu Nur Alif Arianto a1*, Basitha Febrinda Hidayatulail a2 Resi Dwi Jayanti Kartika Saric a3 Article History*.
- Nurrobi, M. A. (n.d.). ANALYSIS OF THE EFFECT OF POPULATION ON THE AMOUNT OF WASTE IN JAKARTA. In *Journal of Humanity Studies* (Vol. 1, Number 2). Retrieved <https://ejournal.upgrisba.ac.id/index.php/jhs/index>
- Pamudji, A. K., Chandrawati, T. B., & Dewi, S. I. S. (2025). IoT-Based Smart Bin Waste Management System with Real-Time Capacity Monitoring. *SISFORMA*, 12(1), 90–96.
<https://doi.org/10.24167/sisforma.v12i1.13753>
- Pratama Tamba, W., Yanti, F., & Tamba, D. (2025). *Jakarta Waste Management Policy and the Capacity Crisis of Bantargebang TPST: An Environmental Justice Review*. 11(1), 14–26.

- Putra, H. A., & Rosano, A. (2024). Implementasi IOT Dalam Sistem Monitoring Kualitas Air Menggunakan Platform Blynk Dan Googlesheet. In *Sains Teknik Elektro* (Vol. 5, Number 1). <http://jurnal.bsi.ac.id/index.php/insantek>
- Rahman1, A. (2025). JITE (Journal of Informatics and Telecommunication Engineering) Precision and Accuracy of Ultrasonic and Infrared Laser ToF IoT Sensors. *JITE*, 8(2). <https://doi.org/10.31289/jite.v8i2.13406>
- Ramadhan, R. A., Kakke, G. R., Fajar, I. N., & Prayogi, S. (2023). Smart Trash Bin Berbasis Internet Of Things Menggunakan Suplai dari Panel Surya. *G-Tech: Jurnal Teknologi Terapan*, 7(3), 1149–1158. <https://doi.org/10.33379/gtech.v7i3.2777>
- Sheng, T. J., Islam, M. S., Misran, N., Baharuddin, M. H., Arshad, H., Islam, M. R., Chowdhury, M. E. H., Rmili, H., & Islam, M. T. (2020). An Internet of Things Based Smart Waste Management System Using LoRa and Tensorflow Deep Learning Model. *IEEE Access*, 8, 148793–148811. <https://doi.org/10.1109/ACCESS.2020.3016255>
- Siswipraptini, P. C., Aziza, R. N., Sangadji, I., Indrianto, Siregar, R. R. A., & Sondakh, G. (2021). IoT for smart home system. *Indonesian Journal of Electrical Engineering and Computer Science*, 23(2), 733–739. <https://doi.org/10.11591/ijeecs.v23.i2.pp733-739>
- Smart Farm using Internet of Things*. (n.d.). Retrieved <https://ssrn.com/abstract=3796715>
- Stepper Motor Advantages and Disadvantages Advantages*. (n.d.).
- Utami Rakhmawati, P., & Kunci, K. (2024). *Analisis Komunikasi Platform Internet of Things Aplikasi Blynk*. 9, 2024.
- Utomo, M. S., Nugrahanto, I., & Sungkono, S. (2023). Sistem Penyimpanan Energi Menggunakan Baterai Sel Sekunder Pada Photovoltaic. *Jurnal Elektronika Dan Otomasi Industri*, 10(1), 85–93. <https://doi.org/10.33795/elkolind.v10i1.2753>
- Wikurendra, E. A., Csonka, A., Nagy, I., & Nurika, G. (2024). Urbanization and Benefit of Integration Circular Economy into Waste Management in Indonesia: A Review. In *Circular Economy and Sustainability* (Vol. 4, Number 2, pp. 1219–1248). Springer Nature. <https://doi.org/10.1007/s43615-024-00346-w>
- Zahrah, Y., Yu, J., & Liu, X. (2024). How Indonesia’s Cities Are Grappling with Plastic Waste: An Integrated Approach towards Sustainable Plastic Waste Management. *Sustainability (Switzerland)*, 16(10). <https://doi.org/10.3390/su16103921>