

DAFTAR PUSTAKA

- Ayeni, P. O., & Adesoba, O. C. (2025). IoT-based home control system using NodeMCU and Firebase. *Journal of Edge Computing*, 4(1), 17-34. <https://doi.org/10.55056/jec.814>
- Ayuba, A. A., Retnoningsih, E., & Kurniawan, A. (2025). Perancangan Tempat Sampah Otomatis Menggunakan Penginderaan Objek Berbasis Arduino Uno R3. *JUPITER: Journal of Computer & Information Technology*, 6(1), 26-40. <https://doi.org/10.53990/jupiter.v6i1.420>
- Darmanto, H., Lamsadi, L., & Asrul, H. (2025). Monitoring Ketinggian Air Tandon Berbasis IoT Dengan ESP32 Melalui Website. *JUSTER: Jurnal Sains dan Terapan*, 4(2), 67-73. <https://doi.org/10.57218/juster.v4i2.1507>
- Fathi, I. (2025). An IoT-based low-cost smart greenhouse monitoring system using ESP8266 and Firebase for real-time environmental control. *International Journal of Advanced Natural Sciences and Engineering Researches*, 5(5). <https://as-proceeding.com/index.php/ijanser>
- Gulati, K., Ahmad, Z., & Raj, A. (2023). Sensor Data Validation for Garbage Collection Using Machine Learning. *arXiv preprint arXiv:2304.07708*. <https://doi.org/10.48550/arXiv.2304.07708>
- Huda, F. M. T., Pratama, Y. A. R., Saputra, F. R. I., Hadiazzaka, R., & Priambodo, A. S. (2025). PENERAPAN KINEMATIKA TERBALIK PADA ROBOT LENGAN LIMA SENDI (5 DOF) DENGAN CITRA DIGITAL. *Jurnal Informatika dan Teknik Elektro Terapan*, 13(1). <https://doi.org/10.23960/jitet.v13i1.5564>
- Jaelani, L. R., Samsumar, L. D., Zaenudin, Z., & Akbar, A. (2024). RANCANG BANGUN SMART TRASH BERBASIS IOT (INTERNET OF THINGS) MENGGUNAKAN METODE PROTOTIPYNG MODEL DI DESA BERIRIJARAK. *Journal of Computer Science and*

Information Technology, 1(4), 245-257.
<https://doi.org/10.70248/jcsit.v1i4.1231>

Kadja, E. J., & Snae, M. (2025). SISTEM PEMANTAUAN TEMPAT SAMPAH PINTAR BERBASIS IOT DENGAN JARINGAN NB-IOT. *Jurnal Manajemen Informatika & Teknologi*, 5(1), 67-77.
<https://doi.org/10.51903/s79tw983>

Kadus, T., Nirmal, P., & Kulkarni, K. (2020). Smart waste management system using IOT. *International Journal of Engineering Research and*, 9(04). <http://www.ijert.org>

Kot, S., & Smolka, J. (2023). A performance analysis of a cloud database on mobile devices. *Journal of Computer Sciences Institute*, 29, 360-365.
<https://doi.org/10.35784/jcsi.3005>

AR, H. K. (2025). IMPLEMENTASI IOT PADA SISTEM MONITORING SUHU DAN KELEMBABAN MENGGUNAKAN ESP32, FIREBASE DAN KODULAR. *JATI (Jurnal Mahasiswa Teknik Informatika)*, 9(1), 1781-1787. <https://doi.org/10.36040/jati.v9i1.12874>

Laksono, B. Y., Rachmansyah, H., Ramadhani, B., & Muharom, S. (2023, April). Monitoring Kapasitas Tempat Sampah Dengan Sensor Ultrasonik Berbasis Mikrokontroller Dan Esp8266. In *Prosiding Seminar Nasional Teknik Elektro, Sistem Informasi, dan Teknik Informatika (SNESTIK)* (Vol. 1, No. 1, pp. 15-20).
<https://doi.org/10.31284/p.snestik.2023.4055>

Manik, S. L. C., Berawi, M. A., Gunawan, G., & Sari, M. (2024). Smart Waste Management System for Smart & Sustainable City of Indonesia's New State Capital: A Literature Review. In *E3S Web of Conferences* (Vol.517, p. 05021). EDP Sciences. <https://doi.org/10.1051/e3sconf/202451705021>

Nugraha, N., Supriyadi, S., & Febriyana, F. (2022). Design of waste transportation management system using fuzzy logic algorithm based on

internet of things. EAI Endorsed Transactions on Internet of Things, 8(32). <https://doi.org/10.4108/eai.2-12-2021.2320321>

Nugroho, D. S., Rosad, S., & Agustin, N. (2024). Real time smart trash bins monitoring system using fuzzy logic method in Kuripan Village. *Journal of Informatics Information System Software Engineering and Applications* (INISTA), 6(1), 70–79. <https://doi.org/10.20895/inista.v6i1.1392>

Paul, L., Mohalder, R. D., & Alam, K. M. (2024). An IoT Based Smart Waste Management System for the Municipality or City Corporations. *arXiv preprint arXiv:2411.09710*. <https://doi.org/10.48550/arXiv.2411.09710>

Pires, L. M., Figueiredo, J., Martins, R., & Martins, J. (2025). IoT-Enabled Real-Time Monitoring of Urban Garbage Levels Using Time-of-Flight Sensing Technology. *Sensors*, 25(7), 2152. <https://doi.org/10.3390/s25072152>

Ratnawati, F., & Musri, T. (2020). Prototype Sistem Monitoring Tempat Sampah di Gedung Politeknik Negeri Bengkalis Berbasis Mikrokontroler. *SATIN-Sains dan Teknologi Informasi*, 6(1), 80-88. <https://doi.org/10.33372/stn.v6i1.615>

Sosunova, I., & Porras, J. (2022). IoT-enabled smart waste management systems for smart cities: A systematic review. *Ieee Access*, 10, 73326-73363. <https://doi.org/10.1109/ACCESS.2022.3188308>

Suharjono, A., Aprianoro, R., Supriyo, B., Wardihani, E. D., Yunanto, B., Hidayat, W., Aji, A. F. (2025). A Low-Cost Nursing Robot with Telemedicine using ESP32 and Robot Operating System-based. *JOIV: International Journal on Informatics Visualization*, 9(2), 541-549. <https://doi.org/10.30630/joiv.9.2.2274>