

DAFTAR PUSTAKA

- Adhim, Ario, R. (2024) *LCD (Liquid Crystal Display) – Robot Indonesia, Sari Teknologi - Robotik*. Available at: <https://sariteknologi.com/lcd-liquid-crystal-display-robot-indonesia/>.
- Ahmad, Y. A. *et al.* (2021) ‘On the Evaluation of DHT22 Temperature Sensor for IoT Application’, *2021 8th International Conference on Computer and Communication Engineering (ICCCE)*. IEEE, pp. 131–134.
- Akbar, I. and Kadarina Maya, T. (2024) ‘Sistem Kontrol Robot Manipulator 5 Axis sebagai Pemindah Barang berbasis Internet of Things’, *Jurnal Teknologi Elektro*, 15(02), p. 140. doi: 10.22441/jte.2024.v15i2.010.
- Albab, U., Darpono, R. and Revikansyah, F. M. (2023) ‘RANCANG BANGUN SISTEM INFORMASI GEMPA MENGGUNAKAN RASPBERRY PI BERBASIS WEB’, *Jurnal Ilmiah Sains Teknologi Dan Informasi*, 1(1), pp. 2–10.
- Alhari, M. I. *et al.* (2024) *FullBook Inovasi Smart Farming 5.0 dalam Rekayasa IoT dan Big Data*. Medan: Yayasan Kita Menulis.
- Amrullah, M. I., Winarno, T. and Azhar, G. A. (2024) ‘Sistem Kontrol Mobile robot Enam Roda Omni Wheels dengan Metode Position-Based Proportional’, *Jurnal Elkolind* , 11(3), pp. 640–650.
- Baballe, M. . A. *et al.* (2022) ‘A Look at the Different Types of Servo Motors and Their Applications’, *Sarcouncil Journal of Engineering and Computer Sciences*, 1(2), pp. 4–9. Available at: https://www.researchgate.net/publication/360463807_A_Look_at_the_Different_Types_of_Servo_Motors_and_Their_Applications.
- Bhanu, S. *et al.* (2024) ‘Network Latency in Teleoperation of Connected and and Mitigation Strategies’, pp. 1–37.
- Desai, P., Sheth, A. and Anantharam, P. (2015) ‘Semantic Gateway as a Service Architecture for IoT Interoperability,” 2015 IEEE International Conference on Mobile Services’, in *IEEE International Conference on Mobile Services*. New Yor: IEEE, pp. 313–319.
- Ernawati *et al.* (2021) *STANDAR MINIMAL GREENHOUSE*. Jakarta Selatan: Direktorat Sayuran dan Tanaman Obat Direktorat Jenderal Hortikultura Kementerian Pertanian.
- Fadhila, I., Siradjuddin, I. and Putri, R. I. (2022) ‘Trajectory Tracking Robot Omnidirectional 4 Roda Dengan Visualisasi Rviz’, *Jurnal Elkolind*, 9(2), pp. 90–97. doi: 10.33795/elkolind.v9i2/302.
- Fitrotirrahman, D. (2023) *Joystick – Sejarah, Fungsi dan Jenisnya!*, *PEEMZ CHANNEL*. Available at: <https://pemmzchannel.com/2023/07/14/joystick->

sejarah-fungsi-dan-jenisnya/.

- Harjono, D. (2023) ‘Sistem *Monitoring* Baterai Lithium Polymer (Lipo) Secara Nirkabel Pada Mobil Listrik PonECar’, *ELITJOURNAL Electrotechnics And Information Technology*, 4(2), pp. 1–10.
- Haryati, S. *et al.* (2023) *Pedoman Budi daya Stroberi dalam Greenhouse*. Jakarta Selatan: Pertanian Press.
- Hendra, R., Yadie, E. and Arbain, A. (2021) ‘Analisis Konsusi Daya Mobil Listrik Dengan Penggerak Motor Brushed DC’, *PoliGrid*. Center for Research and Community Service at the State Polytechnic of Samarinda, 2(1), p. 24. doi: 10.46964/poligrd.v2i1.721.
- Hidayat, M. T. (2022) ‘Pengaruh Modifikasi Pompa dan Impeller Terhadap Unjuk Kerja Pompa Shimizu PS-128 BIT’, *Pengaruh Modifikasi Pompa dan Impeller Terhadap Unjuk Kerja Pompa Shimizu PS-128 BIT*, 13(1), pp. 740–747.
- Indriyanto, S., Titan Syifa, F. and Aditya Permana, H. (2020) ‘Sistem *Monitoring* Suhu Air pada Kolam Benih Ikan Koi Berbasis Internet of Things The *Monitoring* System for Water *Temperature* at Koi Fishponds Based on Internet of Things’, *TELKA*, 6(1), pp. 10–19.
- Jabbar, A. A. and Yasdar (2022) ‘SISTEM KENDALI *GRIPPER* ADAPTIF PADA ROBOT TRANSPORTER’, *JURNAL MOSFET*, 2(2), pp. 2775–5274. Available at: <http://jurnal.umpar.ac.id/indeks/jmosfet>.
- Kristiadhya, J. and Gundo, A. J. (2022) ‘Perancangan Aplikasi Presensi Siswa Berbasis *Website* di SMK Negeri 1 Tenganan Menggunakan *Webcam* dan GPS Guna Mengurangi Risiko Penularan Virus COVID-19’, *Jurnal Ilmiah Wahana Pendidikan*, 8(12), pp. 414–427.
- Kruzic, S., Music, J. and Stancic, I. (2017) ‘Influence of human-computer interface elements on performance of teleoperated *mobile robot*’, in *40th International Convention on Information and Communication Technology, Electronics and Microelectronics, MIPRO 2017 - Proceedings*. Institute of Electrical and Electronics Engineers Inc., pp. 1015–1020. doi: 10.23919/MIPRO.2017.7973573.
- Kurose, J. F. and Ross, K. W. (2012) *Computer Networking: A Top-Down Approach*. 6th edn. New Jersey: Pearson Education, Inc.
- Muliadi, Imran, A. and Rasul, M. (2020) ‘PENGEMBANGAN TEMPAT SAMPAH PINTAR MENGGUNAKAN ESP32’, *Jurnal MEDIA ELEKTRIK*, 17(2), pp. 2721–9100.
- Nugroho, A. S., Rahayu, A. T. and Rubiandana, N. A. (2022) ‘STUDI EKSPERIMENTAL DIAMETER *NOZZLE* TERHADAP KUALITAS API KOMPOR BERBAHAN BAKAR LIMBAH CAIR’, *JUSTEK : JURNAL SAINS DAN TEKNOLOGI*, 5(1), pp. 22–31.

- Opiyo, S. *et al.* (2021) 'A Review on Teleoperation of Mobile Ground Robots: Architecture and Situation Awareness', *International Journal of Control, Automation and Sysyets*, 19(3), pp. 1384–1407. doi: 10.1007/s12555-019-0999-z.
- Rizal, F. J. *et al.* (2024) *IMPLEMENTASI SMART FARMING DALAM MENDUKUNG PERTANIAN BERKELANJUTAN*.
- Rizal, M. (2013) *Implementasi Kamera OV7670 Sebagai Pendeteksi Garis Pada Robot Line Follower*. UNIVERSITAS BRAWIJAYA.
- Rohman, F. (2022) *LCD adalah Layar dengan Kristal Cair, Ini Cara Kerja dan Jenisnya*, *katadata.co.id*. Available at: <https://katadata.co.id/digital/teknologi/630d49fc37177/lcd-adalah-layar-dengan-kristal-cair-ini-cara-kerja-dan-jenisnya>.
- Rusman, O. J., Pongdatu, G. A. N. and Upa', S. (2024) 'IMPLEMENTASI MQTT PADA SISTEM KENDALI NIRKABEL ROBOT KAMERAMAN BERBASIS MIKROKONTROLER', *Cetak) Journal of Innovation Research and Knowledge*. Online, 3(8).
- Salam, F. and Alexander, O. (2023) 'Perancangan Monitoring Suhu Dengan Node MCU ESP8266, DHT 11 Dan Thingspeak Berbasis Internet Of Things', *Jurnal Ilmiah Informatika (JIF)*, 11(1), pp. 23–26.
- Santosa, Uji, A. (2025) *Apa Itu Joystick? Pengertian, Jenis, dan Fungsinya*, *Rexus*. Available at: <https://rexus.id/blogs/tips/apa-itu-joystick>.
- Santoso, S. P. and Wijayanto, F. (2022) 'RANCANG BANGUN AKSES PINTU DENGAN SENSOR SUHU DAN HANDSANITIZER OTOMATIS BERBASIS ARDUINO', *Jurnal Elektro*, 10(1), pp. 20–31.
- Shasiri, R. and Hameed, I. (2024) *Mobile robots for Digital Farming*. 1st edn. Boca Raton: Taylor dan Franchis Group.
- Sulasno, Mitsal, S. (2024) *MOTOR SERVO*. Available at: https://www.academia.edu/35509477/MOTOR_SERVO.
- Tanenbaum, A. S., Feaser, N. and Wetherrall, D. (2021) *Computer Networks*. 6th edn. London: Pearson Education, Inc.
- Triyono, B. *et al.* (2023) 'Implementasi Sistem Kendali Kecepatan Motor DC Berbasis PID Ziegler-Nichols Pada Alat Pengaduk Cairan Viskos', *Prosiding The 14th Industrial Research Workshop and National Seminar*, 14(1), pp. 586–592.
- Tzafestas, Spyros, G. (2014) *Introduction to Mobile robot Control*. 1st edn. London: Elsevier.
- Vasconez, J. P., Kantor, G. A. and Auat Cheein, F. A. (2019) 'Human–robot interaction in agriculture: A survey and current challenges', *BiosystesEngineering*. Elsevier Ltd, 179, pp. 35–48. doi:

10.1016/j.biosysteseng.2018.12.005.

- Widianto, M. H. and Juarto, B. (2023) ‘Smart Farming Using Robots in IoT to Increase Agriculture Yields: A Systematic Literature Review’, *Journal of Robotics and Control (JRC)*, 43, pp. 330–332. Available at: <https://doi.org/10.18196/jrc.v4i3.18368> (Accessed: 28 August 2024).
- Widiawan, B. *et al.* (2020) ‘Wireless Greenhouse Monitoring System Using Tricycle Mobile-Robot Based on Rasberry PI’, in *IOP Conference Series: Earth and Environmental Science*. Institute of Physics Publishing. doi: 10.1088/1755-1315/411/1/012058.
- Wiguna, Agung, R. (2020) *ANALISIS CARA KERJA SENSOR ULTRASONIC DAN MOTOR SERVO MENGGUNAKAN MIKROKONTROLER ARDUINO UNO UNTUK PENGUSIR HAMA DISAWAH*. UNIVERSITAS BANDAR LAMPUNG.
- Winardi, S. *et al.* (2020) *DESAIN MOBILE ROBOT DENGAN KENDALI SMART PHONE ANDROID*. Surabaya: Scopindo Media Pustaka.
- Wiratno, O. *et al.* (2022) *Perkembangan Tenaga Kerja dan Produktivitasnya pada Sektor Pertanian Indonesia*. Pusat Data dan Sistem Informasi Pertanian Sekretariat Jenderal – Kementerian Pertanian 2023.