

DAFTAR PUSTAKA

- Ardiansyah, M. A., Rakhmawati, R., Suharyanto, H. E. H., & Purwanto, E. (2020). Evaluasi performa fuzzy logic controller untuk mengatur kecepatan motor DC penguatan terpisah. *Energi Dan Kelistrikan: Jurnal Ilmiah*, 12(2), 100–110. <https://doi.org/10.33322/energi.v12i2.1000>
- Daily, J., & Kulkarni, P. (2020). Secure heavy vehicle diagnostics. *Proceedings of the Ground Vehicle Systems Engineering and Technology Symposium (GVSETS)*. Proceedings of the Ground Vehicle Systems Engineering and Technology Symposium (GVSETS)
- Damayanti, L. W., & Septiyanto, A. (2024). The effect of stroke up and bore up on the performance of Honda Verza motorcycle. *Jurnal Inovasi Mesin (JIM)*, 6(1). <https://doi.org/10.15294/jim.v6i1.11178>
- Dibaei, M., Zheng, X., Jiang, K., Abbasrady, S., & Xiang, Y. (2020). Attacks and defences on intelligent connected vehicles: A survey. *Digital Communications and Networks*, 6(4), 399–421. <https://doi.org/10.1016/j.dcan.2020.04.007>
- Editorial Staff. (2020, April 9). *Galvanic isolation in EV and HEV applications*. Power Electronics News. <https://www.powerelectronicsnews.com/galvanic-isolation-in-ev-and-hev-applications/>
- Fatra, F., Mahendra, S., & Setiawan, I. (2023). View of Analisis Re-Mapping ECU Terhadap Performa Mesin Sepeda Motor Injeksi 4 Tak 150cc. *Jurnal Taman Vokasi*, 11(1), 41–49. <https://jurnal.ustjogja.ac.id/index.php/tamanvokasi/article/view/14499>
- Fauzi, M. R. (2021). Perancangan penyalaan engine sepeda motor berbasis Arduino. *Jurnal Surya Teknika*, 8(1), 265–273. <https://doi.org/10.37859/jst.v8i1.2676>
- Firdaus, S., & Artika, K. D. (2025). Design of a fatigue identification system based on driving behavior. *ELEMEN: Jurnal Teknik Mesin*, 12(2), 196–205. <https://doi.org/10.34128/je.v12i2.184>
- FTDI Chip. (2023). *D2XX Programmer's Guide Version 1.5*. https://ftdichip.com/wp-content/uploads/2023/09/D2XX_Programmers_Guide.pdf
- Gong, C.-S. A., Su, C.-H. S., Chen, Y.-H., & Guu, D.-Y. (2022). How to implement automotive fault diagnosis using artificial intelligence scheme. *Micromachines*, 13(9), 1380. <https://doi.org/10.3390/mi13091380>
- Grosky, W., & Ruas, T. (2020). Data Science for Software Engineers. In R. Pressman & B. Maxim (Eds.), *Software Engineering: A Practitioner's Approach* (9th ed., pp. 629–638). McGraw Hill.
- Holla, S., & Akhila, S. (2020). Implementation of security access service using SHA-2 algorithm. *International Journal of Computer Applications*, 175(26), 31–36.

<https://www.ijcaonline.org/archives/volume175/number26/holla-2020-ijca-920811.pdf>

- Kamath, A. (2022). *Galvanic isolation for 48-V automotive systems*.
<https://www.ti.com/lit/ta/sszt308/sszt308.pdf>
- Mindarta, E. K., Paryono, Sumarli, Marji, & Harly, M. (2022). Penerapan diagnostic tool motor injeksi versi Android di Bengkel Sinar Mustika Motor. *Jurnal KARINOV*, 5(3). <https://doi.org/10.17977/um045v5i3p224>
- Muslim, Muh. S., & Subagio, R. T. (2025). Perancangan dan pembuatan interface komunikasi data antara ECU sepeda motor dan sistem Android. *Teknik: Jurnal Ilmu Teknik Dan Informatika*, 5(2), 86–92.
<https://doi.org/10.51903/teknik.v5i2.973>
- National Motor Freight Traffic Association. (2025). *Blind wireless seed key unlock: Vulnerability and mitigation*. <https://nmfta.org/wp-content/media/2025/01/Blind-Wireless-Seed-Key-Unlock-Whitepaper-final.pdf>
- Nguyen, N. Le, Nguyen, D. T., Le, T. P., & Nguyen, T. T. (2025). Research and development of a remote vehicle diagnostic device via mobile application. *Journal of Technical Education Science*. <https://doi.org/10.54644/jte.2025.1906>
- Ningrum, R. F., Siregar, R. R. A., & Rusjdi, D. (2020). Penerapan sistem SCADA dalam perancangan model inferensi logika fuzzy Mamdani pada pembebanan trafo gardu distribusi. *PETIR: Jurnal Pengkajian Dan Penerapan Teknik Informatika*, 13(2), 110–118. <https://doi.org/10.33322/petir.v13i2.1001>
- Pratama, F. H., Abidin, A., & Bahri, Mokh. H. (2024). Analisis performa sepeda motor sistem injeksi 110 CC menggunakan ECU standar dan ECU standar remap. *Journal of Engineering Science and Technology (JESTY)*, 2(3), 46–52.
<https://jesty.pubmedia.id/index.php/jesty/article/view/25>
- Prayitno, B., Muhammad, A., Putra, R. I., Putra, E., & Palupiningsih, P. (2021). Rancang bangun sistem monitoring dan controlling penggunaan daya peralatan listrik rumah tangga menggunakan IoT. *PETIR: Jurnal Pengkajian Dan Penerapan Teknik Informatika*, 15(1), 57–62. <https://doi.org/10.33322/petir.v15i1.1383>
- Ristantyo, L. P., Nugroho, H., & Pramudito, W. A. (2022). Sistem identifikasi tanda nomor kendaraan bermotor Indonesia berbasis artificial neural network. *KILAT: Kajian Ilmu Dan Teknologi*, 11(2), 149–157.
<https://doi.org/10.33322/kilat.v11i2.1647>
- Sari, H. M., & Wailanduw, A. G. (2022). Rancang bangun alat monitoring kerja sensor pada sepeda motor injeksi. *Jurnal Rekayasa Mesin*, 7, 40–46.
<https://ejournal.unesa.ac.id/index.php/jurnal-rekayasa-mesin/article/view/45065>
- Septiandes, A., Lapis, R., & Putra, D. S. (2020). Rancang bangun RPM-meter sepeda motor injeksi dengan sensor induksi. *AEJ: Journal of Automotive Engineering and Vocational Education*, 1(1), 39–48. <https://doi.org/10.24036/aej.v1i1.6>

- Setyadi, H. A., Supriyanta, Nurohim, G. S., Widodo, P., & Sutanto, Y. (2024). Knowledge-based intelligent system for diagnosing three-wheeled motorcycle engine faults. *JOIV: International Journal on Informatics Visualization*, 8. <https://doi.org/https://joiv.org/index.php/joiv/article/view/2487>
- Sholeh, N., Joni, K., & Ulum, M. (2020). Sistem monitoring kondisi kendaraan motor injeksi berbasis mikrokontroler. *Jurnal JEETech*, 1(1), 37–42. <https://ejournal.ft-undar.ac.id/index.php/jeetech/article/view/6>
- Sitorus, M. T. B., Kurniasih, N., & Sari, D. P. (2021). Prototype alat monitoring suhu, kelembaban dan kecepatan angin untuk smart farming menggunakan komunikasi LoRa dengan daya listrik menggunakan panel surya. *KILAT: Kajian Ilmu Dan Teknologi*, 10(2), 370–380. <https://doi.org/10.33322/kilat.v10i2.1376>
- Witaszek, K. (2020). Modeling of fuel consumption using artificial neural networks. *Diagnostyka*, 21(4), 103–113. <https://doi.org/10.29354/diag/130610>
- Yassin, A. M., Aslan, H. K., & Abdel Halim, I. T. (2023). Smart automotive diagnostic and performance analysis using blockchain technology. *Journal of Sensor and Actuator Networks*, 12(2), 32. <https://doi.org/10.3390/jsan12020032>