DAFTAR PUSTAKA

[1] P. Akhir, C. Irawan, P. Studi, D. T. Listrik, And S. Vokasi, "Peran Scada Dalam Pemulihan Gangguan Jaringan Distribusi Listrik 20kv Di Pt Pln Up2d Peran Scada Dalam Pemulihan Gangguan Jaringan Distribusi Listrik 20kv Di Pt Pln Up2d," 2025.

[2] M. R. Islam, M. Rahman, T. Sarkar, M. Islam, And M. Asadullah, "Development Of A *Real-Time* Battery *Monitoring* Solution With Iot Technology For Improved Safety And Performance In Electric Machines," Int. J. Res. Innov. Soc. Sci., Vol. 8, No. 3s, Pp. 1012–1024, 2024, Doi: 10.47772/Ijriss.2024.803069s.

[3] S. Expo *Et Al.*, "*Self-Healing* By Remote Terminal Unit Of Scada," *2025 25th Conf. Electr. Power Supply Ind.*, No. November, Pp. 665–668, 2025, Doi: 10.1109/Cepsi66359.2025.11403520.

[4] A. Lekidis, A. Georgakis, C. Dalamagkas, And E. I. Papageorgiou, "Predictive Maintenance Framework For Fault Detection In Remote Terminal Units," Forecasting, Vol. 6, No. 2, Pp. 239–265, 2024, Doi: 10.3390/Forecast6020014.

[5] Resa Falentino And Rizki Priya Pratama, "Rancang Bangun *Monitoring* Kondisi Baterai Dan Lokasi Kendaraan Listrik Berbasis Mikrokontroler Esp32," *Mars J. Tek. Mesin, Ind. Elektro Dan Ilmu Komput.*, Vol. 3, No. 3, Pp. 340–351, 2025, Doi: 10.61132/Mars.V3i3.916.

[6] E. Gomez-Huaylla, L. Mejía-Cruz, And E. Paiva-Peredo, "Management And *Monitoring* Of Lithium-Ion Battery Recharge With Esp32," *Int. J. Power Electron. Drive Syst.*, Vol. 15, No. 3, Pp. 1677–1686, 2024, Doi: 10.11591/Ijpeds.V15.I3.Pp1677-1686.

[7] M. N. Nizam, Haris Yuana, And Zunita Wulansari, "Mikrokontroler Esp 32 Sebagai Alat *Monitoring* Pintu Berbasis Web," *Jati (Jurnal Mhs. Tek. Inform.*, Vol. 6, No. 2, Pp. 767–772, 2022, Doi: 10.36040/Jati.V6i2.5713.

[8] Selvi Puspitasari, Akhlis Munazilin, And Farihin Lazim, "Rancang Bangun Smart Home Berbasis Mikrokontroller Esp 32 Dan *Blynk*," *J. Ilmu Komput.*, Vol. 4, No. 2, Pp. 122–136, 2024, [Online]. Available:

Https://Journal.Umgo.Ac.Id/Index.Php/Juik/Index

[9] Masramdhani Saputra, “6. Perancangan Dan Implementasi Half Bridge Dc – Dc Converter Dengan,” Vol. 10, No. 1, Pp. 1–6, 2022.

[10] B. Oktavia, S. Terapan Teknik Elektro, And J. Teknik Elektro -Politeknik Negeri Sriwijaya, “Perancangan Sistem Kerja Penerangan Jalan Umum Menggunakan Tenaga Solar Cell Berbasis Internet Of Things,” *Politek. Negeri Sriwij.*, Vol. 17, No. Iii, Pp. 50–57, 2024.

[11] S. Automatisés, R. Mehalaine, M. Djezzar, D. Nessah, Z. Saiad, And A. Saidi, “Journal Europé En Des Systèmes Automatisés,” Vol. 57, No. 6, Pp. 1713–1720, 2024.

[12] R. Swarnkar, H. Ramachandran, S. H. M. Ali, And R. Jabbar, “A Systematic Literature Review Of State Of Health And State Of Charge Estimation Methods For Batteries Used In Electric Vehicle Applications,” World Electr. Veh. J., Vol. 14, No. 9, Art. 247, 2023, Doi: 10.3390/Wevj14090247.

[13] T. M. B. Marques Et Al., “An Overview Of Methods And Technologies For Estimating Battery State Of Charge In Electric Vehicles,” Energies, Vol. 16, No. 13, Art. 5050, 2023, Doi: 10.3390/En16135050.

[14] E. Sutanto, P. E. Astawa, F. Fahmi, M. I. Hamid, M. Yazid, W. Shalannanda, And M. Aziz, “Lithium-Ion Battery State-Of-Charge Estimation From The Voltage Discharge Profile Using Gradient Vector And Support Vector Machine,” Energies, Vol. 16, No. 3, Art. 1083, 2023, Doi: 10.3390/En16031083.

[15] L. Chen, J. Tang, X. Bian, S. Zhan, X. Lu, And Y. Chang, “Condition Assessment Of Distribution Automation Remote Terminal Units Based On Double-Layer Improved Cloud Model,” Energy Rep., Vol. 8, Pp. 408–425, 2022, Doi: 10.1016/J.Egyr.2022.09.103.

[16] M. Martí-Florences, A. Cecilia, And R. Costa-Castelló, “Modelling And Estimation In Lithium-Ion Batteries: A Literature Review,” Energies, Vol. 16, No. 19, Art. 6846, 2023, Doi: 10.3390/En16196846.

[17] A. C. Ibe, U. Hycent, J. O. Hyginus, P. O. Ezuluike, P. Ezeonwelu, And C. U. Eya,

"Design And Construction Of A Smart Battery Charger," Discover Electronics, Vol. 3, Art. 30, 2026, Doi: 10.1007/S44291-026-00180-4.

[18] A. W. Hasanah, M. A. Azqolani, H. Husada, And T. J. Pramono, "*Monitoring* Battery And Load Control Of Solar Power Plants Using Internet Of Things (Iot) Technology," Journal Of Electrical Systems, Vol. 20, No. 10s, Pp. 1775–1783, 2024

[19] T. Koerniawan Et Al., "Performance Analysis Of The 110 Vdc Battery System In The Dc System Of The 150 Kv Soppeng Substation," Best: Journal Of Applied Electrical, Science And Technology, Vol. 8, No. 1, Pp. 41–53, 2026, Doi: 10.36456/Ct2z2e83.

[20] Nayusrizal, T. Koerniawan, And A. W. Hasanah, "Pengaruh Efektivitas Panel Surya 20 Wp Terhadap Polutan Dengan *Monitoring* Iot," Journal Of Authentic Research, Vol. 4, Special Issue, Pp. 1081–1102, 2025, Doi: 10.36312/Jar.V4ispecialissue.3474.

[21] T. Darmana, R. P. Putra, M. T. B. Sitorus, A. Multi, And Ariman, "Metode Deteksi Fasa Pada Saluran Listrik Tegangan Rendah Dengan Esp32 Dan Komunikasi Lora," Journal Of Industrial Engineering & Management Research, Vol. 3, No. 1, Pp. 158–165, 2022, Doi: 10.7777/Jiemar.V3i1.285.

[22] B. Prayitno, A. Muhammad, R. I. Putra, E. Putra, And P. Palupiningsih, "Rancang Bangun Sistem *Monitoring* Dan Controlling Penggunaan Daya Peralatan Listrik Rumah Tangga Menggunakan Iot," Petir, Vol. 15, No. 1, Pp. 57–62, 2022, Doi: 10.33322/Petir.V15i1.1383.