

DAFTAR PUSTAKA

- [1] S. Syukri, M. Sofyan, and T. M. Asyadi, “Perencanaan Sistem Pembangkit Listrik Tenaga Surya (PLTS) Di Gedung Pasca Sarjana Universitas Iskandar Muda,” 2022, doi: 10.55616/ajeetech.v2i1.282.
- [2] M. Sahar, M. Hayati, S. Syahrizal, A. Gunawan, and A. Alfizah, “Rancang Bangun Trainer PLTS On Grid dan Off Grid Sebagai Penunjang Praktikum,” *Jurnal Teknologi Dan Sistem Informasi Bisnis*, vol. 6, no. 3, pp. 385–394, Jul. 2024, doi: 10.47233/jteksis.v6i3.1373.
- [3] P. Jacko *et al.*, “Remote IoT Education Laboratory for Microcontrollers Based on the STM32 Chips,” *Sensors*, vol. 22, no. 4, Feb. 2022, doi: 10.3390/s22041440.
- [4] H. Makhabbah and A. Imam Agung, “Rancang Bangun Sistem Monitoring Konsumsi Daya Listrik Dan Pemutus Daya Otomatis Berbasis Internet,” *Jurnal Teknik Elektro*, vol. 9, pp. 783–790, 2020.
- [5] R. Mayangsari and M. Yuhendri, “Sistem Kontrol dan Monitoring Pembangkit Listrik Tenaga Surya Berbasis Human Machine Interface dan Internet of Thing,” *JTEIN: Jurnal Teknik Elektro Indonesia*, vol. 4, no. 2, Aug. 2023, doi: 10.24036/jtein.v4i2.485.
- [6] M. Ramdan and E. Damayanti, “Sistem Monitoring Pembangkit Listrik Tenaga Surya Berbasis Internet of Things,” *INNOVATIVE: Journal Of Social Science Research*, vol. 4, 2024.
- [7] N. Soedjarwanto, V. Widiawati, N. Purwasih, and G. F. Nama, “Developing a Prototype of Solar Tracking for Solar Cell Energy Optimization with Internet of Things (IoT) Technology,” in *2021 International Conference on Converging Technology in Electrical and Information Engineering (ICCTEIE)*, 2021, pp. 31–35. doi: 10.1109/ICCTEIE54047.2021.9650635.

- [8] Z. Permana Muqorrobin, A. Nawawi, A. Aris Ardani, S. Putra Setia, and R. Rahmadian, "Off-Grid Solar System Monitoring based on ESP-32 and INA219 In Pesanggrahan Gordomulyo," *Vokasi Unesa Bulletin of Engineering, Technology and Applied Science*, pp. 26–37, Dec. 2024, doi: 10.26740/vubeta.v1i2.34859.
- [9] J. Kajian and T. Elektro, "RANCANG BANGUN PLTS ON-GRID SEBAGAI PENUNJANG KELISTRIKAN SKALA RUMAH TANGGA," vol. 9, no. 2, 2024.
- [10] O. Zebua *et al.*, "Analisis Kelayakan Ekonomi dan Self-Consumption dari PLTS On-Grid dan Hibrid Kapasitas 1328 kWp," 2024.
- [11] W. Istiana, R. P. Cahyono, and T. Komputer, "Perancangan Sistem Monitoring dan Kontrol Daya Berbasis IoT."
- [12] D. Azizi and V. Arinal, "SISTEM MONITORING DAYA LISTRIK MENGGUNAKAN INTERNET OF THING (IOT) BERBASIS MOBILE," *Jurnal Indonesia : Manajemen Informatika dan Komunikasi*, vol. 4, no. 3, pp. 1808–1813, Sep. 2023, doi: 10.35870/jimik.v4i3.409.
- [13] F. Eka Maulana and L. Nurpulaela, "KONFIGURASI MIKROKONTROLER STM32 UNTUK MEMBACA PUSH BUTTON DENGAN ARDUINO IDE PADA PROTOTIPE SMART CHARGER DI PT. PASIFIK SATELIT NUSANTARA," *Jurnal Mahasiswa Teknik Informatika*, vol. 8, no. 4, Aug. 2024.
- [14] P. Jacko *et al.*, "Remote IoT Education Laboratory for Microcontrollers Based on the STM32 Chips," *Sensors*, vol. 22, no. 4, Feb. 2022, doi: 10.3390/s22041440.
- [15] D. Fernando, "Monitoring Penggunaan Daya Listrik Satu Fasa," *MSI Transaction on Education*, Apr. 2020.

- [16] I. Gusti, P. Mastawan, E. Putra, I. Ayu, and D. Giriantari, "Monitoring Menggunakan Daya Listrik Sebagai Implementasi Internet of Things Berbasis Wireless Sensor Network," *Teknologi Elektro*, vol. 16, no. 03, 2022.
- [17] Asnal Effendi, "PERANCANGAN PENGONTROLAN PEMANAS AIR MENGGUNAKAN PLC SIEMENS S7-1200 DAN SENSOR ARUS ACS712," *Jurnal Teknik Elektro*, vol. 3, 2020, [Online]. Available: <http://www.novapdf.com/>
- [18] Dekki Widiatmoko, Rachmat Setiawibawa, Rafi Maulana Al-farizi, Mokhammad Syafaat, and Eriski Prawira, "Implementasi Sensor LDR Pada Prototipe Sistem Tracking Dual Axis Untuk Deteksi Arah Sinar Matahari Pada Sel Surya," *ASPIRASI: Publikasi Hasil Pengabdian dan Kegiatan Masyarakat*, vol. 1, no. 5, pp. 132–140, Sep. 2023, doi: 10.61132/aspirasi.v1i5.407.
- [19] A. Fauzan, "Simulasi Proteus Atap Stadion Automatic Berbasis Arduino Dengan Menggunakan Sensor Hujan Dan Sensor LDR," 2021.
- [20] M. Hablul Barri, B. Aji Pramudita, and A. Pandu Wirawan, "Sistem Penyiram Tanaman Otomatis dengan Sensor Soil Moisture Dan Sensor DHT11," *ELECTROPS Jurnal Ilmiah Teknik Elektro*, vol. 1, no. 1, p. 2022, [Online]. Available: <http://e-journals.unmul.ac.id/index.php/TE>
- [21] "STM32CubeIDE - Integrated Development Environment for STM32 - STMicroelectronics." Accessed: Mar. 18, 2025. [Online]. Available: <https://www.st.com/en/development-tools/stm32cubeide.html>
- [22] A. Babalola, A. D. Babalola, and & Ubochi, "The Performance of the STM32 Microcontroller and MAX30102 for Remote Health Monitoring Device Design," vol. 10, no. 3, 2022, doi: 10.22624/AIMS/DIGITAL/V10N1P4.