

DAFTAR PUSTAKA

- [1] Khijja Hamami, Mohamad Muhsim, Diky Siswanto, "Prototipe Sistem Monitoring Biaya Penggunaan Listrik Pada Rumah Kos Berbasis Iot," *Journal of Application and Science on Electrical Engineering* , vol. 1, pp. 100-110, 2020.
- [2] Hario Pinandhito Muhamad, Erwin Susanto, Agung Surya Wibowo, "Perancangan Alat Sistem Monitoring Energi Listrik Kos-Kosan Berbasis *Internet of Things* (Iot)," *e-Proceeding of Engineering* , vol. 8, p. 4377, 2021.
- [3] Akhmad Hashfi Fauzan Burhan, "Sistem Monitoring Listrik Cerdas Prabayar Berbasis Web," *Universitas Islam Indonesia*, pp. 20-36, 2021.
- [4] Imam Syafi'i Hudan, "Prototipe Sistem Monitoring Biaya Penggunaan Listrik Pada Rumah Kos Berbasis IoT," *Journal of Application and Science on Electrical Engineering*, vol. 1, pp. 100-110, 2020.
- [5] Raviki Dwi Alfian, "Rancang Bangun Alat Monitoring pemakaian Tarif Listrik Dan Kontrol Daya Listrik Pada Rumah Kos Berbasis *Internet of Things*," *Jurnal Teknik Elektro*, vol. 10, pp. 661-670, 2021.
- [6] Haykal Fachrul, " Rancang Bangun Sistem Pemantauan dan Forecasting Konsumsi Energi Listrik Menggunakan *Internet of Things* dan Algoritma Seasonal Time Series," *Jurnal Teknik ITS*, vol. 11, pp. A103-A109, 2022.
- [7] Muhammad Nur, "Rancang Bangun Sistem Monitoring Energi Listrik Menggunakan IoT," *Jurnal Teknologi Informasi*, vol. 6, pp. 150-160, 2023.
- [8] Siti Aisyah Putri, "Desain Desain Dan Implementasi Sistem Monitoring Pemakaian Daya Listrik Pada Rumah Kos Menggunakan Nodemcu Dan Firebase," *Jurnal Informatika Terapan*, vol. 7, pp. 200-210, 2024.
- [9] Muhammad Saleh dan Mita Haryanti, "Sistem Kontrol Dan Monitoring Distribusi Listrik Rumah Kos Berbasis IoT," *Jurnal Teknol. Elektro*, vol. 8, pp. 87-94, 2024.
- [10] Teerawat Tantidham, "Energy Consumption Collection Design for Smart Building," *Int. Conf. Embed. Syst. Intell. Technol. Int. Conf. Inf. Commun. Technol. Embed. Syst. ICESIT*, vol. 4, no. 10.1109/ICESIT-ICICTES.2018.8442052, pp. 1-6, 2020.

- [11] Muhammad Abdul Khan dan Muhammad Hafiz, "A survey of enabling technologies and future challenges in *Internet of Things*," *Journal of King Saud University - Computer and Information Sciences*, vol. 35, pp. 1-17, 2023.
- [12] Hafiz Tayyab Rauf, Noman Khalid, "IoT-based smart homes: A review of privacy and security issues," *Journal of Network and Computer Applications*, vol. 4, p. 103, 2023.
- [13] Rachid Mouha, "*Internet of Things (IoT)*," *Journal of Data Analysis and Information Processing*, vol. 9, pp. 77-101, 2021.
- [14] Fadli Mulyana, Taufik Ardiansyah, Andi Budi Prasetya Kamal, "Implementasi Aplikasi Arduino Ide Pada Mata Kuliah Sistem Digital," *Jurnal TEKNOS*, vol. 1, pp. ISSN 2987-257X, 2023.
- [15] Michael Shiloh, "Getting Started with Arduino: The Open Source Electronics Prototyping Platform," *Maker Media*, 2022.
- [16] Deepika Sharma, "'IoT Based Smart Energy Management System using Pzem-004t Sensor & Node MCU,'" *International Journal of Engineering Research & Technology (IJERT)*, vol. 9, pp. 45-48, 2021.
- [17] Niken Sari, Sri Tri Sulistyorinia, "Pemanfaatan Nodemcu Esp8266 Berbasis Android (Blynk) Sebagai Alat Alat Mematikan Dan Menghidupkan Lampu," *Jurnal Ilmiah Teknik (JUIT)*, vol. 1, pp. 40-53, 2022.
- [18] Fadil Junaedi, Rahmat Hidayat, Muhammad Nurfa Yanti, "Rancang Bangun Smart Home Menggunakan Internet of Things Berbasis Mikrokontroler NodemcuEsp8266," *Applied Physics of Cokroaminoto Palopo (APCP)*, vol. 1, pp. 7-14, 2023.
- [19] Ahmad Dwi Haryanto, NodeMCU ESP8266-12 untuk *Internet of Things (IoT)*, Yogyakarta: ZAHIR PUBLISHING, 2020.
- [20] Nur Rohmah Rizki, Dewi Dwi Martanti, Alifia Qodri, "Sistem Pengendalian Lampu Rumah Dan Kantor Berbasis *Internet of Things* Menggunakan Mikrokontroler Nodemcu Esp8266," *Jurnal Mahasiswa Teknik Informatika (JATI)*, vol. 8, pp. 681-688, 2024.
- [21] Indah Chairunnisa Wahyuni, "Rancang Bangun AlatPantau Biaya PemakaianEnergi Listrik Menggunakan Sensor PZEM-004T dan Aplikasi Blynk," *Jurnal Fisika Unand (JFU)*, vol. 11, pp. 249-255, 2022.

- [22] Muhammad Ihsan, I Gede Putu Oka Indra Wijaya, " Integration of NodeMCU and PZEM Sensors in IoT-based Smart Lighting Design for Energy Conservation," *Engineering and Sciences - International Conference (ESIC)*, pp. 1-9, 2024.
- [23] Yani Prabowo and Taufik Widodo, "Uji Akurasi Modul KWH Meter Digital PZEM-004T Berbasis Pengendali Digital ESP32," *SKANIKA: Sistem Komputer dan Teknik Informatika*, vol. 6, pp. 85-96, 2023.
- [24] Muhammad Rizal Alfariski and Muhammad Dwi Akbar, "Automatic Transfer Switch (ATS)Using Arduino Uno, IoT-Based Relay and Monitoring," *JTECS : Jurnal Sistem Telekomunikasi Elektronika Sistem Kontrol Power Sistem & Komputer*, vol. 2, pp. 2-8, 2022.
- [25] Jumana A. Hassan, Bilal H. Jasim, "Design and implementation of *Internet of Things*-based electrical monitoring system," *Bulletin of Electrical Engineering and Informatics* , vol. 10, pp. 3052-3063, 2021.
- [26] Imanuel P. Sirait, Andreas Yulianto, "Perancangan Sistem Kontrol Otomatis Menggunakan Modul Relay 12 Volt Pada Boiler Setrika Uap Dari Tabung Freon," *Journal of Multidisciplinary Research and Innovation(JMRI)*, vol. 2, pp. 101-106, 2024.
- [27] Muhammad Syafiq Abraar Siregar, Arif Setyawan, "Pengembangan Sistem Parkir Pintar Berbasis IoT Menggunakan ESP32, Sensor Ultrasonik HC-SR04, dan OLED Display," *e-Proceeding of Engineering*, vol. 11, p. 5553, 2024.
- [28] Yuli Wahyuni and Siti Pratiwi, "Alat Mengetahui Presentase Normalisasi Oksigen di Dalam Tubuh Manusia Berbasis Sensor dan Aplikasi Blynk," *Prosiding Seminar Implementasi Teknologi Informasi dan Komunikasi*, vol. 4, pp. 195-202, 2025.
- [29] Ferdy Dwi Tanugraha, "Tampilan Data Teks Pada Oled Menggunakan Transmisi Lora," in *Undergraduate thesis*, 2021.
- [30] Mohammad Dahlan and Bambang Cahyono Wibowo, "Monitoring the Amount of Electricity Installation Using the Android Application," *Jurnal Teknik Elektro dan Komputer*, vol. 11, pp. 77-86, 2022.
- [31] Imam Syukhron, Rinaldi Rizki Saputra, "Penggunaan Aplikasi BlynkUntuk Monitoring dan Kontrol Jarak Jauh pada Sistem Kompos Pintar Berbasis IoT," *ELECTRICIAN –Jurnal Rekayasa dan Teknologi Elektro*, vol. 15, pp. 2-11, 2021.

- [32] Flavio Galliana, "Evaluation Of A High-Precision Digital Multimeter By The Laboratory Of Calibration Of Multifunction Electrical Instruments Of Inrim," *National Institute of Metrological Research (INRIM)*, vol. 26, pp. 283-296, 2020.
- [33] Ling Zhu, Yuan Zhang "Digital multimeter-based point-of-care immunoassay of prostate- specific antigen coupling with a flexible photosensitive pressure sensor," *ELSEVIER*, vol. 343, 2021.
- [34] Yolinavianus Paulus Kako, "Perancangan Dan Implementasi Smartadaptor Berbasis Pid Pada Laptop Untuk Manajemen Optimalisasi Daya Baterai," *Jurnal Qua Teknika*, vol. 14, pp. 24-40, 2024.
- [35] Hario Pinandhito Muhamad, Erwin Susanto, Agung Surya Wibowo, "Perancangan Alat Sistem Monitoring Energi Listrik Kos-Kosan Berbasis *Internet of Things* (Iot)," *e-Proceeding of Engineering*, vol. 8, p. 4377, 2021.
- [36] Abdul Aziz Basri, Ezwarsyah, "Analisa Pengaruh Perubahan Suhu Terhadap Tegangan Panel Surya Jenis Mono Chrystalline Kapasitas Daya 50 Wp," *Jurnal Energi Elektrik*, vol. 11, pp. 22-25, 2022.
- [37] Rizaldi Achmad Gumara, "Pengaruh Variasi Arus Listrik Pengelasan Metal Inert Gas (MIG) Terhadap Kekuatan Tarik Sambungan Las Pada Baja Karbon Astm A36," *JTM*, vol. 9, pp. 65-68, 2021.
- [38] Muhammad Ary Murti, Hafidz Budiman, Achmad Syafi'i, Nurul Sya'ban, Zaki Syahdan, "Smart Metering untuk Pengidentifikasi Jenis Beban Listrik Rumah Tangga Berbasis IoT Menggunakan PZEM-004T," *SNESTIK*, pp. 175-182, 2021.
- [39] Eko Nur Wibowo, Kurniawan Dwi Saputra, "Perancangan Sistem Monitoring Konsumsi Daya Listrik Berbasis Android," *Cyclotron*, vol. 5, no. 10.30651/cl.v5i1.8772., pp. 63-68, 2022.
- [40] Mustafa Syahri Yudha, Ade Kusnandar, "Reactive Power Compensation and Power Factor Correction in Electrical Distribution System," *International Journal of Electrical and Computer Engineering*, vol. 13, pp. 23-31, 2023.
- [41] Mohammad Ali Mazidi, "Analysis and Design of Power Triangle in AC Circuits," *International Journal of Engineering Research & Technology (IJERT)*, vol. 12, pp. 65-70, 2021.

- [42] SKrishna Kumar, "Exploring Wireshark for Network Traffic Analysis," *International Journal for Multidisciplinary Research (IJFMR)*, vol. 5, 2023.