

DAFTAR PUSTAKA

- [1] I. Syamsu Roidah Fakultas Pertanian Ida, “PEMANFAATAN LAHAN DENGAN MENGGUNAKAN SISTEM HIDROPONIK,” 2014.
- [2] A. Abu Sneineh and A. A. A. Shabaneh, “Design of a smart hydroponics monitoring system using an ESP32 microcontroller and the Internet of Things,” *MethodsX*, vol. 11, p. 102401, Dec. 2023, doi: 10.1016/j.mex.2023.102401.
- [3] E. W. Stein, “The Transformative Environmental Effects Large-Scale Indoor Farming May Have On Air, Water, and Soil,” *Air, Soil and Water Research*, vol. 14. SAGE Publications Ltd, 2021. doi: 10.1177/1178622121995819.
- [4] Y. Islamiati, T. Dewi, and Rusdianasari, “IoT Monitoring for Solar Powered Pump Applied in Hydroponic House,” *International Journal of Research in Vocational Studies (IJRVOCAS)*, vol. 2, no. 2, pp. 22–30, Aug. 2022, doi: 10.53893/ijrvocas.v2i2.102.
- [5] S. N. Sholihat *et al.*, “PENGARUH KONTROL NUTRISI PADA PERTUMBUHAN KANGKUNG DENGAN METODE HIDROPONIK NUTRIENT FILM TECHNIQUE (NFT) THE EFFECT OF NUTRIENT CONTROL ON THE GROWTH OF KANGKUNG WITH HYDROPONIC NUTRIENT FILM TECHNIQUE (NFT) METHOD.”
- [6] R. Arizona, K. Hastuti, E. Elfiano, J. Rahman, and S. Kurniadi, “Jurnal Pengabdian dan Pemberdayaan Masyarakat Indonesia Dissemination of LED grow light radiation technology to accelerate hydroponic plant growth in Sidomulyo hydroponics in Perhentian Marpoyan Village, Marpoyan Damai District, Pekanbaru City,” vol. 2, no. 1, p. 2022, doi: 10.59247/jppmi.v2i1.62.
- [7] I. Dewi Syahwir, “Desain Smart Laboratory Berbasis Internet of Thinks untuk Monitor dan Pengontrol,” *Jurnal Ilmu dan Inovasi Fisika*, vol. 7, no. 1, pp. 1–8, Feb. 2023, doi: 10.24198/jiif.v7i1.38666.
- [8] Hizkia Andrian Kristianto, Guruh Prihatmo, and Kukuh Madyaningrana, “Pupuk Organik Cair Kulit Pisang Kepok terhadap Pertumbuhan Kailan dalam Sistem Hidroponik,” *Jurnal Biologi dan Pembelajaran Biologi*, vol. .v8i1, no. p-ISSN 2527–7111, pp. 1–15, Mar. 2023.
- [9] C. Amin, S. D. Nur Perwitasari, and K. Amaru, “Study of dissolved oxygen quality response in smart watering and autopot systems due to the effect of changes in environmental temperature,” *Jurnal Agrotek Ummat*, vol. 10, no. 2, p. 175, Jun. 2023, doi: 10.31764/jau.v10i2.13347.

- [10] J. Fisika, U. Negeri Padang Jln Hamka, and K. FMIPA UNP Air Tawar Barat Padang, "Analisis Nilai Absorbansi dalam Penentuan Kadar Flavonoid untuk Berbagai Jenis Daun Tanaman Obat Neldawati, Ratnawulan dan Gusnedi," 2013.
- [11] R. Rosliani *et al.*, "BUDIDAYA TANAMAN SAYURAN DENGAN SISTEM HIDROPONIK," 2005. [Online]. Available: www.balitsa.or.id.
- [12] A. S. Rithe, A. N. Phokmare, R. G. Bhojane, and V. V Javalekar, "A Project Report On "Implementation of Cost Effective Smart Hydroponics System Monitoring & Controlling Using IOT "".
- [13] "Irigation Monitoring Control Untuk Tanaman Hidroponik Dengan Metode Nft Menggunakan Arduino Berbasis SMS Gateway," *e-Jurnal JUSITI (Jurnal Sistem Informasi dan Teknologi Informasi)*, vol. 9, pp. 77–85, Apr. 2020, doi: 10.36774/jusiti.v9i1.645.
- [14] P. Hidayatullah, M. Orisa, and A. Mahmudi, "RANCANG BANGUN SISTEM MONITORING DAN KONTROL TANAMAN HIDROPONIK BERBASIS INTERNET OF THINGS (IOT)," 2022.
- [15] D. M. Silvia and N. Paramytha, "Analisis Alat Monitoring Terhadap Perbedaan Pencahayaan Pada Tanaman Hidroponik", [Online]. Available: <http://conference.binadarma.ac.id/index.php/BDCES>
- [16] A. Susanto, M. Herjayanto, W. Budiaji, and N. Fitria, "JEPIN (Jurnal Edukasi dan Penelitian Informatika) Rancang Bangun Sistem Monitoring Kualitas Air untuk Pemeliharaan Organisme Laut".
- [17] I. B. M. L. Pradirta, I. N. Piarsa, and I. P. A. Dharmaadi, "Sistem Pendeteksi Banjir dan Badai Angin serta Monitoring Cuaca Berbasis Internet of Things," *Jurnal Teknologi Informasi dan Ilmu Komputer*, vol. 9, no. 5, 2022, doi: 10.25126/jtiik.2022955983.
- [18] J. E. Mikrado *et al.*, "DESAIN PERANGKAT KERAS SISTEM MONITORING PLTS OFF-GRID 4 kWp."
- [19] A. Sonita and R. F. Fardianitama, "Aplikasi E-Order Menggunakan Firebase dan Algoritme Knuth Morris Pratt Berbasis Android," *Pseudocode*, vol. 5, no. 2, pp. 38–45, Nov. 2018, doi: 10.33369/pseudocode.5.2.38-45.
- [20] O. F. Homzah, B. Hidayati, and R. Subekti, "Rancang Bangun Mini Microcontroller Berbasis Arduino Di Mesin Soft Ice Cream Maker," *Jurnal PETRA*, vol. 5, no. 2, 2018.
- [21] H. Suryawinata, D. Purwanti, and S. Sunardiyo, "Sistem Monitoring Pada Panel Surya Menggunakan Data Logger Berbasis Atmega 328 Dan Real Time Clock DS1307," *Jurnal Teknik Elektro*, vol. 9, no. 1, 2017.