

DAFTAR PUSTAKA

- [1] P. Jepson and R. J. Ladle, "Governing bird-keeping in Java and Bali : evidence from a household survey," *Fauna & Flora International*, vol. 43, no. 3, pp. 364-374, 2009.
- [2] A. Khumaidi, "Rancang Bangun Prototype Alat Otomatis Untuk Pemberi Pakan Dan Mandi Burung Kicau Menggunakan Mikrokontroller Arduino," *JIFOR*, vol. 1, no. 1, p. 1, 2017.
- [3] S. Kamalia, B. Masy'ud and J. B. Hernowo, "Pola Reproduksi dan Faktor Penentu Produktivitas Murai Batu (*Copsychus malabaricus*) di Bowo Bird Farm Bogor," *Undergraduated Theses*, 2021.
- [4] Santos and L. A. M. Dos, "Perancangan dan Pembuatan Sangkar Burung Otomatis Dengan Memandikan Memberi Pakan dan Minum Burung yang Dilengkapi Dengan Terapi Suara Berbasis Arduino," *Skripsi*, Januari 2020.
- [5] N. D. Setiawan, "Perancangan Sistem Monitoring Dan Otomasi Pemberian Pakan Burung Lovebird Menggunakan Arduino Dan Android Berbasis IoT (Internet of Things)," *Teknologi Informasi dan Komunikasi*, vol. 10, no. 1, Juli 2019.
- [6] A. R. Wibowo, "Rancang Bangun Sangkar Burung Pintar Berbasis Arduino Uno," in *Skripsi. Tidak Diterbitkan*, Institut Bisnis dan Informatika STIKOM: Jawa Timur, 2019.
- [7] Y. I. Nurhakim, *Sukses Budidaya Burung Kicau Lovebird & Murai Batu*, Ilmu Cemerlang Group, 2018.
- [8] S. Akdiatmojo, in *Panduan Menangkarkan Murai Batu*, Jakarta, AgroMedia Pustaka, 2017, pp. 2-4.
- [9] E. Mustaqim, T. Kurtini and R. Riyanti, "Karakteristik Sifat Kualitatif Induk Murai Batu (*Copsychus malabaricus*) Siap Produksi," *Peternakan Terpadu*, vol. 4, no. 3, pp. 204-210, 2016.
- [10] A. D. Saputro, K. Nova and T. Kurtini, "Perilaku Burung Murai Batu (*Copsychus Malabaricus*) Siap Produksi," *Jurnal Ilmiah Peternakan Terpadu*, vol. 4, no. 3, pp. 188-194, 2016.

- [11] Prayoga, "Ukuran Kandang Ternak Murai Batu Yang Ideal : Sederhana dan Minimalis," birdsny, [Online]. Available: <https://www.birdsny.com/ukuran-kandang-ternak-murai-batu/>. [Accessed 15 Juli 2023].
- [12] S. Susanto and e. al, "Pengaruh Penggunaan Keramba Terhadap Pertumbuhan dan Kesehatan Burung Murai Batu," *Peternakan Modern*, vol. 5, no. 2, pp. 123-132, 2019.
- [13] Suryobroto, "Behavioural Response of White-Rumped Shama (*Copsychus Malabaricus*) to Bathing Facilities in Captivity," *Experimental Zoology India*, vol. 20, no. 1, pp. 155-159, 2017.
- [14] NN, *Guidelines for Drinking Water Quality Vol.1*, Belgium: World Health Organization, 1998.
- [15] T. Darmana, M. N. Qosim, S. Hidayat and Ariman, "Sistem Deteksi Kejernihan Air Dengan Menggunakan LoRa," *Prosiding Seminar Nasional Energi, Kelistrikan, Teknik dan Informatika*, vol. 3, 2022.
- [16] M. R. Anshori, "4 Jenis Keramba Mandi Burung Yang Banyak Digunakan," Beritakbb, 23 Maret 2023. [Online]. Available: <https://beritakbb.pikiran-rakyat.com/gaya-hidup/pr-966462904/4-jenis-keramba-mandi-burung-yang-banyak-digunakan-seperti-apa-saja-simak-di-sini-beserta-manfaatnya?page=2>. [Accessed 15 Juli 2023].
- [17] F. Adani and S. Salsabil, "Internet of Things : Sejarah Teknologi dan Penerapannya," *Isu Teknologi*, vol. 14, no. 2, pp. 92-99, 2019.
- [18] R. Setiawan, "Memahami Apa Itu Internet of Things," Dicoding, 8 September 2021. [Online]. Available: <https://www.dicoding.com/blog/apa-itu-internet-of-things/>. [Accessed 9 April 2023].
- [19] A. Junaidi, "Internet of Things, Sejarah, Teknologi dan Penerapannya : Review," *Elektronik Universitas Widyatama*, vol. 1, no. 3, pp. 62-66, 2015.
- [20] Puspasari, F. Fahrurrozi, I. Satya, T. P. Setyawan, G. Fauzan, M. R. Al, Admoko and E. M. Dwi, "Sensor Ultrasonik HCSR04 Berbasis Arduino Uno Untuk Sistem Monitoring Ketinggian," *Fisika dan Aplikasinya*, vol. 15, no. 2, pp. 37-39, 2019.

- [21] E. J. Morgan, "HC-SR04 Datasheet, ETC," *edukasi elektronik*, 14 November 2014. [Online]. Available: <https://www.datasheet4u.com/datasheet-pdf/ETC/HC-SR04/pdf.php?id=1380136>. [Accessed 22 Oktober 2024].
- [22] F. Fatturahman and Irawan, "Monitoring Filter Pada Tangki Air Menggunakan Sensor Turbidity Berbasis Arduino Mega 2560 Via Sms Gateway," *Komputasi*, vol. 7, no. 2, pp. 19-29, 2019.
- [23] "DIY Turbidity Meter Using Turbidity Sensor & Arduino," *how2electronics*, 22 Agustus 2022. [Online]. Available: https://how2electronics.com/diy-turbidity-meter-using-turbidity-sensor-arduino/#google_vignette. [Accessed 24 Oktober 2024].
- [24] *eprints.polsri*, [Online]. Available: <http://eprints.polsri.ac.id/4573/3/BAB%202.pdf>. [Accessed 9 April 2023].
- [25] D. Y. Aina Nurul Fitria, "Rancang Bangun Pelembab Udara Ruangan (Humidifier) berbasis Mikrokontroler," *Computer Hardwarer, Signal Processing, Embedded System and Networking*, vol. 4, no. 1, pp. 61-70, 2023.
- [26] W. G. R. T. Siswanto, "Kendali Ruang Server Menggunakan Sensor Suhu DHT 22, Gerak Pir dengan Notifikasi Email," *Prosiding Seminar Nasional SISFOTEK*, pp. 134-142, 2017.
- [27] "PIR Motion Sensor," [Online]. Available: <https://cdn-learn.adafruit.com/downloads/pdf/pir-passive-infrared-proximity-motion-sensor.pdf>. [Accessed 18 Oktober 2024].
- [28] "HC-SR01 PIR Sensor," 18 Juli 2021. [Online]. Available: <https://components101.com/sensors/hc-sr501-pir-sensor>. [Accessed 18 Oktober 2024].
- [29] M. Nizam, H. Yuana and Z. Wulansari, "Mikrokontroler ESP 32 Sebagai Alat Monitoring Pintu Berbasis Web," *Jurnal Mahasiswa Teknik Informatika*, vol. 6, no. 2, pp. 767-772, 2022.

- [30] E. A. Yulanda and R. Kurniawan, "Perancangan Kandang Pintar Menggunakan NodeMCU ESP32 dan Platform Blynk," *Jurnal Ilmu Komputer dan Science*, vol. 3, no. 8, pp. 1968-1976, 2024.
- [31] "NodeMCU ESP32," arduotech, 26 September 2018. [Online]. Available: https://cdn-reichelt.de/documents/datenblatt/A300/SBC-NODEMCU-ESP32-DATASHEET_V1.2.pdf. [Accessed 8 November 2024].
- [32] P. W. K. Destiarini, "Robot Line Follower Berbasis Mikrokontroler Arduino Uno Atmega328," *Informatika*, vol. 5, no. 1, pp. 18-25, 2019.
- [33] eprints.umm.ac.id, [Online]. Available: <https://eprints.umm.ac.id/94458/3/BAB%20II.pdf>. [Accessed 8 Juni 2023].
- [34] A. Alfajri and M. Muskhir, "Sistem Kontrol Temperatur Metode PidHeatbeddan Ekstruderpada Printer Tiga Dimensi," *Multidisciplinary Research and Development*, vol. 5, no. 2, pp. 94-104, 2023.
- [35] N. Saputra, "Making CNC Milling Router For Wood Material," September 2019. [Online]. Available: https://www.researchgate.net/publication/335969589_Making_CNC_Milling_Router_For_Wood_Material. [Accessed 23 Juli 2024].
- [36] "Control Stepper Motor with A4988 Driver Module & Arduino," Last Minute Engineers, [Online]. Available: <https://lastminuteengineers.com/a4988-stepper>.
- [37] B. C. Wibowo and F. Nugraha, "Stepper Motor Speed Control Using Start-Stop Method Based On PLC," *Teknik Elektro dan Komputer*, vol. 10, no. 3, pp. 213-220, 2021.
- [38] P. P. Kalatiku and Y. Y. Joeffie, "Pemrograman Motor Stepper Dengan Menggunakan Bahasa Pemrograman C," *Mektek*, vol. 13, no. 1.
- [39] D. Kho, "Pengertian Motor DC dan Prinsip Kerjanya," *Teknik Elektronika*, [Online]. Available: <https://teknikelektronika.com/pengertian-motor-dc-prinsip-kerja-dc-motor/>. [Accessed 9 April 2023].
- [40] R. E. P. Chairunnisa, "Rancang Bangun Alat Pembuat Minuman Kawa Daun Otomatis Berbasis Mikrokontroler," *Computer Hardware, Signal*

Processing, Embedded System and Networking, vol. 3, no. 2, pp. 120-130, 2022.

- [41] I. Nugrahanto, "Pembuatan Water Level Sebagai Pengendali Water Pump Otomatis Berbasis Transistor," *Ilmu-Ilmu Teknik*, vol. 13, no. 1, pp. 59-70.
- [42] [Online]. Available: <https://5.imimg.com/data5/IQ/GJ/PF/SELLER-1833510/dc-mini-submersible-water-pump.pdf>. [Accessed 18 Oktober 2024].
- [43] A. Siswanto and e. al, "Meja Tulis Adjustable dengan Konsep Smart Furniture," *Widya Teknik*, vol. 19, no. 2, pp. 98-108, 2020.
- [44] "Pengertian Conveyor dan Beberapa Spesifikasinya," *dnm.co.id*, 13 Maret 2019. [Online]. Available: <https://www.dnm.co.id/pengertian-conveyor-dan-spesifikasinya-mulai-roller-conveyor/>. [Accessed 9 April 2023].
- [45] "Conveyor Belt : Prinsip Kerja dan Komponennya," *Indonetwork*, [Online]. Available: <https://blog.indonetwork.co.id/conveyor-belt-prinsip-kerja-dan-komponennya/>. [Accessed 9 April 2023].
- [46] D. Y. Dedi Hermanto, "Rancang Bangun Sistem Pembersih Kotoran Otomatis Pada Kandang Kelinci Berbasis IOT (Internet Of Things)," *Computer Hardware, Signal Processing, Embedded System and Networking*, vol. 3, no. 2, pp. 146-154, 2022.
- [47] E. P. Sitohang, D. J. Mamahit and N. S. Tulung, "Rancang Bangun Catu Daya DC Menggunakan Mikrokontroler ATmega 8535," *Teknik Elektro dan Komputer*, vol. 7, no. 2, pp. 135-142, 2018.
- [48] K. Qamar and S. Riyadi, "Efektivitas Blended Learning Menggunakan Aplikasi Telegram," *Ilmu Tarbiyah*.
- [49] H. Soeroso, A. Z. Arfianto and N. E. Mayangsari, "Penggunaan Bot Telegram Sebagai Announcement System Pada Instansi Pendidikan," in *Seminar MASTER*, Surabaya, 2017.