

DAFTAR PUSTAKA

- [1] T. Hadyanto and M. F. Amrullah, "Sistem Monitoring Suhu dan Kelembaban pada Kandang Anak Ayam Broiler Berbasis Internet of Things," *J. Teknol. dan Sist. Tertanam*, vol. 3, no. 2, 2022, doi: 10.33365/jtst.v3i2.2179.
- [2] V. Hardino, I. Sulistiyowati, and S. Syahririni, "Prototype Kandang Pintar Untuk Anak Ayam Dengan Monitoring Pengendalian Amonia Dan Pembersihan Kotoran Otomatis," *JEECOM J. Electr. Eng. Comput.*, vol. 5, no. 1, pp. 78–85, 2023, doi: 10.33650/jeecom.v5i1.5887.
- [3] P. Rahardjo, A. W. Wibowo, T. Pramuji, A. Mahda, and K. A. Winagih, "Rancang Bangun Sistem Monitoring Dan Controlling Kandang Ayam Berbasis Internet Of Things Menggunakan Aplikasi Android," *Orbith Maj. Ilm. Pengemb. Rekayasa dan Sos.*, vol. 19, no. 2, pp. 144–153, 2023.
- [4] A. A. Masriwilaga, T. A. J. M. Al-hadi, A. Subagja, and S. Septiana, "Monitoring System for Broiler Chicken Farms Based on Internet of Things (IoT)," *Telekontran J. Ilm. Telekomun. Kendali dan Elektron. Terap.*, vol. 7, no. 1, pp. 1–13, 2019, doi: 10.34010/telekontran.v7i1.1641.
- [5] F. Fitriasari, M. S. Zuhrie, P. W. Rusimamto, and N. Kholis, "Perancangan Sistem Monitoring dan Controlling Kandang Ayam Berbasis Internet of Things," *Indones. J. Eng. Technol.*, vol. 3, no. 1, pp. 17–27, 2020, doi: 10.26740/inajet.v3n1.p17-27.
- [6] G. Turesna, A. Andriana, S. Abdul Rahman, and M. R. N. Syarip, "Perancangan dan Pembuatan Sistem Monitoring Suhu Ayam, Suhu dan Kelembaban Kandang untuk Meningkatkan Produktifitas Ayam Broiler," *J. TIARSIE*, vol. 17, no. 1, p. 33, 2020, doi: 10.32816/tiarsie.v17i1.67.
- [7] Y. I. Mukti, F. Rahmadayanti, and D. T. U. Diti, "A Smart Monitoring Berbasis Internet of Things (IoT) Suhu dan Kelembaban pada Kandang Ayam Broiler," *J. Comput. Sci. Informatics Eng.*, vol. 5, no. 1, pp. 77–84, 2021, doi: 10.29303/jcosine.v5i1.399.
- [8] J. Husein and O. B. Kharisma, "Internet of Things (IOT) Development for The Chicken Coop Temperature and Humidity Monitoring System Based on Fuzzy,"

Indones. J. Artif. Intell. Data Min., vol. 3, no. 1, p. 9, 2020, doi: 10.24014/ijaidm.v3i1.9294.

[9] J. W. Deaton, S. L. Branton, J. D. Simmons, and B. D. Lott, "The effect of brooding temperature on broiler performance.," *Poult. Sci.*, vol. 75, no. 10, pp. 1217–1220, 1996, doi: 10.3382/ps.0751217.

[10] A. H. Fattah, R. Faridah, A. H. N. Amalia, and K. Khaeruddin, "Pengaruh Pengaturan Suhu dan Kelembaban di Kandang Closed House Terhadap Performa Broiler," *Musamus J. Livest. Sci.*, vol. 6, no. 1, pp. 12–20, 2023, doi: 10.35724/mjls.v6i1.5305.

[11] M. Yohanna and D. T. N. L. Toruan, "Rancang Bangun Sistem Pemberian Pakan dan Minum Ayam Secara Otomatis," *JUTISI - J. Tek. Inform. dan Sist. Inf.*, vol. 4, no. 2, pp. 305–314, 2018.

[12] V. M. Cvjetkovic and M. Matijevic, "Overview of architectures with arduino boards as building blocks for data acquisition and control systems," *Int. J. Online Eng.*, vol. 12, no. 7, pp. 10–17, 2016, doi: 10.3991/ijoe.v12i07.5818.

[13] D. Hercog, T. Lerher, M. Truntič, and O. Težak, "Design and Implementation of ESP32-Based IoT Devices," *Sensors*, vol. 23, no. 15, 2023, doi: 10.3390/s23156739.

[14] Y. A. Ahmad, T. Surya Gunawan, H. Mansor, B. A. Hamida, A. Fikri Hishamudin, and F. Arifin, "On the Evaluation of DHT22 Temperature Sensor for IoT Application," *Proc. 8th Int. Conf. Comput. Commun. Eng. ICCCE 2021*, no. June, pp. 131–134, 2021, doi: 10.1109/ICCCE50029.2021.9467147.

[15] K. Loizou and E. Koutroulis, "Water level sensing: State of the art review and performance evaluation of a low-cost measurement system," *Meas. J. Int. Meas. Confed.*, vol. 89, pp. 204–214, 2016, doi: 10.1016/j.measurement.2016.04.019.

[16] S. usha rani, S. Usha Rani, S. Rajarajeswari, J. George Jaimon, and R. Ravichandran, "Real-Time Air Quality Monitoring System Using Mq135 and Thingsboard Journal of Critical Reviews Real-Time Air Quality Monitoring System Using Mq135 and Thingsboard," vol. 7, no. December 2020, p. 2020, 2021, [Online]. Available: <https://www.researchgate.net/publication/347946855>

[17] T. Geyer, G. Papafotiou, R. Frasca, and M. Morari, "Constrained optimal control of the step-down dc-dc converter," *IEEE Trans. Power Electron.*, vol. 23, no. 5, pp.

2454–2464, 2008, doi: 10.1109/TPEL.2008.2002057.

[18] X. Ma, R. Yin, G. Yu, and Z. Zhang, “A distributed relay selection method for relay assisted Device-to-Device communication system,” *IEEE Int. Symp. Pers. Indoor Mob. Radio Commun. PIMRC*, no. September 2012, pp. 1020–1024, 2012, doi: 10.1109/PIMRC.2012.6362495.

[19] C. Ó. Mathúna, N. Wang, S. Kulkarni, and S. Roy, “Review of integrated magnetics for Power Supply on Chip (PwrSoC),” *IEEE Trans. Power Electron.*, vol. 27, no. 11, pp. 4799–4816, 2012, doi: 10.1109/TPEL.2012.2198891.

[20] M. Faridha and Ifan, “Studi Komparasi Lampu Pijar, Led, Lhe Dan Tl Yang Ada Dipasaran Terhadap Energi Yang Terpakai,” *Al Jazari J. Ilm. Tek. Mesin*, vol. 1, no. 2, pp. 24–29, 2016, [Online]. Available: <https://ojs.uniska-bjm.ac.id/index.php/JZR/article/view/548>

[21] C. Puthut Anta Jordan Amiharjo, “Perancangan Dan Pembuatan Prototipe Fitting,” 2022, [Online]. Available: <https://dspace.uui.ac.id/bitstream/handle/123456789/37826/17525088.pdf?sequence=1&isAllowed=y>

[22] H. Ren, D. Fox, P. A. Anderson, B. Wu, and S.-T. Wu, “Tunable-focus liquid lens controlled using a servo motor,” *Opt. Express*, vol. 14, no. 18, p. 8031, 2006, doi: 10.1364/oe.14.008031.

[23] M. Taghizadeh, A. Ghaffari, and F. Najafi, “Modeling and identification of a solenoid valve for PWM control applications,” *Comptes Rendus - Mec.*, vol. 337, no. 3, pp. 131–140, 2009, doi: 10.1016/j.crme.2009.03.009.

[24] B. Festus, A. F. R, and B. E. N, “Development of a Rechargeable Electric Fan,” *Int. Conf. Sci. Eng. Environ. Technol.*, vol. 1, no. 14, pp. 104–108, 2016, [Online]. Available: www.repcomseet.org

[25] U. Nasional, “Universitas Nasional 4,” pp. 4–17, 2020.

[26] C. La Rocca and A. Mantovani, “From environment to food: The case of PCB,” *Ann. Ist. Super. Sanita*, vol. 42, no. 4, pp. 410–416, 2006.

[27] S. Syamsiah, “Perancangan Flowchart dan Pseudocode Pembelajaran Mengenal Angka dengan Animasi untuk Anak PAUD Rambutan,” *STRING (Satuan Tulisan Ris. dan Inov. Teknol.*, vol. 4, no. 1, p. 86, 2019, doi: 10.30998/string.v4i1.3623.

- [28] Dw. S, Setyawam, “St Ay St Ay,” no. September, p. 2011, 2010.