

DAFTAR PUSTAKA

- [1] ClinicalMayo, “Symptoms and causes,” no. Sleep Apnea, 2018, [Online]. Available: <https://www.mayoclinic.org/diseases-conditions/sleep-apnea/symptoms-causes/syc-20377631>
- [2] S. L. Purwowiyoto, “Obstructive Sleep Apnea dan Gagal Jantung,” *Yars. Med. J.*, vol.25, no. 3, p. 172, 2018, doi: 10.33476/jky.v 25i3.364.
- [3] S. Javaheri *et al.*, “Sleep Apnea: Types, Mechanisms, and Clinical Cardiovascular Consequences,” *J. Am. Coll. Cardiol.*, vol. 69, no. 7, pp. 841–858, 2017, doi: 10.1016/j.jacc.2016.11.069.
- [4] S. L. Purwowiyoto, *Obtructive sleep apnea dan Gagal Jantung*. 2017.
- [5] R. Bs, “Non-invasive sleep apnea detection and monitoring system,” *Int. Res. J. Eng. Technol.*, vol. 3, no. 6, pp. 1196–1202, 2016.
- [6] P. Sharma, A. Jalali, M. Majmudar, K. S. Rajput, and N. Selvaraj, “Deep-Learning based Sleep Apnea Detection using SpO₂ and Pulse Rate,” *Proc. Annu. Int. Conf. IEEE Eng. Med. Biol. Soc. EMBS*, vol. 2022-July, pp. 2611–2614, 2022, doi: 10.1109/EMBC48229.2022.9871295.
- [7] W. N. Arizky-Fst, “Sleep Apnea Monitor di

Lengkapi Dengan SPO2 Berbasis Android.”
2022.

- [8] L. Forra Wakidi, I. D. Hari Wisana, A. Miftahul Maghfiroh, and V. K. Sharma, “Apnea Monitor Using Pulse Oxymetry with Tactile Stimulation to Reduce Respiration Failure,” *J. Electron. Electromed. Eng. Med. Informatics*, vol. 3, no. 2, pp. 79–84, 2021, doi: 10.35882/jeeemi.v3i2.3.
- [9] I. F. Zahra, I. D. G. H. Wisana, P. C. Nugraha, and H. J. Hassaballah, “Design a Monitoring Device for Heart-Attack Early Detection Based on Respiration Rate and Body Temperature Parameters,” *Indones. J. Electron. Electromed. Eng. Med.informatics*, vol. 3, no. 3, pp. 114–120, 2021, doi: 10.35882/ijeeemi.v3i3.5.
- [10] S. Salmi, “Penggunaan Pemodelan Paru-Paru sebagai Upaya Meningkatkan Pemahaman Peserta Didik tentang Mekanisme Pernapasan di Kelas VIII.8 MTsN 2 Kota Bima,” *LAMBDA J. Ilm. Pendidik. MIPA dan Apl.*, vol. 2, no. 2, pp. 86–94, 2022, doi: 10.58218/lambda.v2i2.326.
- [11] D. N. Badriyyah, “Perbedaan Model Pembelajaran Confirmation Inquiry Dan Structured Inquiry Terhadap Keterampilan Proses Sains Peserta Didik Pada Materi Sistem Pernapasan Manusia,” pp. 12–31, 2019.
- [12] N. Maske and A. Gaikwad, “Monitoring of Obstructive Sleep Apnea Using Mobile,”

Int. J. Ind. Electron. Electr. Eng. ISSN, vol. 4, no. 4, pp. 71–75, 2016.

- [13] W. Bahagia and P. R. Ayu, “Sindrom Obstructive Sleep Apnea,” *Medula*, vol. 9, no. 4, pp. 705–711, 2020.
- [14] G. J. Rossini, “Obstructive Sleep Apnea And Obesity,” *S Afr J Clin Nutr*, vol. 24, no. 4, pp. 174–7, 2011.
- [15] K. Kesehatan, “Keputusan Menteri Kesehatan Republik Indonesia Nomor 188/MENKES/SK/IV/2014,” *World Heal. Organ. World Bank Group, OECD*, pp. 33–34, 2014.
- [16] S. S. K, “Respiration-Biology Encyclopedia-cells, body, function, human, process, system, different, blood,” 2017, [Online]. Available: <http://www.biologyreference.com/Re-Se/Respiration.html>
- [17] A. S. Kardono, E. Yulianto, and A. Kholiq, “Rancang Bangun Infant Incubator Berbasis Arduino dilengkapi Pemantauan Organ Vital (SpO₂ dan Bpm),” *Teknokes*, vol. 13, no. 2, pp. 107–114, 2020.
- [18] Q. Luthfiyani, E. R. Widasari, and F. Utaminigrum, “Rancang Bangun Sistem Pendeteksi Central Sleep Apnea menggunakan K-NN berbasis Arduino Bluetooth Module,” *J. Pengemb. Teknol. Inf. dan Ilmu Komput.*, vol. 6, no. 8, pp. 3678–3684, 2022, [Online]. Available:

<http://j-ptiik.ub.ac.id>

- [19] M. A. Ciptaan and R. T. S. Hariyati, “Kemajuan Teknologi Dalam Menentukan Test Diagnostic Serta Monitoring Terjadinya Sleep Apnea: Studi Literatur,” *Carolus J. Nurs.*, vol. 2, no. 1, pp. 52–62, 2020, doi: 10.37480/cjon.v2i1.11.
- [20] A. M. Faesal, I. Santoso, and A. Sofwan, “Desain Stetoskop Untuk Deteksi Detak Jantung Menggunakan Sensor Suara Dan Penghitungan Bpm (Beat Per Minute) Menggunakan Arduino,” *Transmisi*, vol. 22, no. 2, pp. 44–50, 2020, doi: 10.14710/transmisi.22.2.44-50.
- [21] N. D. S. Jarot Dian, Fujiana Diapoldo Silalahi, “Sistem Monitoring Detak Jantung Untuk Mendeteksi Tingkat Kesehatan Jantung Berbasis Internet Of Things Menggunakan Android,” *JUPITER (Jurnal Penelit. Ilmu dan Teknol. Komputer)*, vol. 13, no. 2, pp. 69–75, 2021, [Online]. Available: <https://jurnal.polsri.ac.id/index.php/jupiter/article/view/3669>
- [22] C. Zwillich, T. Devlin, D. White, N. Douglas, J. Weil, and R. Martin, “Bradycardia during sleep apnea. Characteristics and mechanism,” *J. Clin. Invest.*, vol. 69, no. 6, pp. 1286–1292, 1982, doi: 10.1172/JCI110568.
- [23] S. DeMeulenaere, “Pulse Oximetry: Uses and Limitations,” *J. Nurse Pract.*, vol. 3, no. 5, pp. 312–317, 2007, doi: 10.1016/j.nurpra.2007.02.021.

- [24] M. Muthmainnah and D. B. Tabriawan, “Prototipe Alat Ukur Detak Jantung Menggunakan Sensor MAX30102 Berbasis Internet of Things (IoT) ESP8266 dan Blynk,” *JISKA (Jurnal Inform. Sunan Kalijaga)*, vol. 7, no. 3, pp. 163–176, 2022, doi: 10.14421/jiska.2022.7.3.163-176.
- [25] R. B. S. Bayu, R. P. Astutik, and D. Irawan, “Rancang Bangun Smarthome Berbasis Qr Code Dengan Mikrokontroller Module Esp32,” *JASEE J. Appl. Sci. Electr. Eng.*, vol. 2, no. 01, pp. 47–60, 2021, doi: 10.31328/jasee.v2i01.60.
- [26] M. A. Haidar, “Rancang Bangun Sistem Monitoring Jamaah Haji Berbasis Komunikasi Radio,” *J. Jar. Telekomun.*, pp. 2–8, 2017, [Online]. Available: <https://jartel.polinema.ac.id/index.php/jartel/article/view/196%0Ahttps://jartel.polinema.ac.id/index.php/jartel/article/download/196/98>
- [27] G. Component, “LCD TFT Nextion”, [Online]. Available: <http://id.gnscomponent.com/lcd-screen/nextion-3-5-inch-tft-lcd-discovery-series-hmi.html>
- [28] Antares, “MIT APP Inventor”, [Online]. Available: <https://docs.antares.id/contoh-kode-dan-library/mit-app-inventor>