

DAFTAR PUSTAKA

- [1] S. Arulvallal and U. Snekhala, “Sleep apnea detection using smart watch and data analysis using neural networks,” *Int. J. Sci. Technol. Res.*, vol. 9, no. 1, pp. 904–907, 2020.
- [2] R. Brugolas, J. M. Valero-Sarmiento, and A. Brna, “Wearable SpO₂ and Sleep Posture Monitoring System for Obstructive Sleep Apnea Patients,” 2015.
- [3] S. Arulvallal, U. Snekhala, and T. Rajalakshmi, “Design and development of wearable device for continuous monitoring of sleep apnea disorder,” in Proceedings of Sthe 2019 IEEE International Conference on Communication and Signal Processing, ICCSP 2019, 2019, pp. 50–53, doi: 10.1109/ICCSP.2019.8697961.
- [4] N. Bolden, “Obstructive Sleep Apnea (OSA),” *Anesth. Oral Board Rev. Knocking Out Boards*,

pp. 63–64, 2009, doi:
10.1017/CBO9780511657559.026.

- [5] A. M. Taha, A. Hadi Saleh, and A. M. Ahmed, “Long range wireless communication by using arduino and HC-12 Wireless Serial ModuleSleep” vol. 7, pp. 106–108, 2018,
- [6] N. Shankar and K. Sankar, “Measurement of Respiratory Rate Using Peizoelectric sensor,” *Int. J. Sci. Res. Rev.*, vol. 7, no. 1, pp. 184–188, 2018.
- [7] Y. Y. Lin, H. T. Wu, C. A. Hsu, P. C. Huang, Y. H. Huang, and Y. L. Lo, “Sleep Apnea Detection Based on Thoracic and Abdominal Movement Signals of Wearable Piezoelectric Bands,” *IEEE J. Biomed. Heal. Informatics*, vol. 21, no. 6, pp. 1533–1545, 2017, doi: 10.1109/JBHI.2016.2636778.
- [8] C. Rotariu, C. Cristea, D. Arotaritei, R. G. Bozomitu, and A. Pasarica, “Continuous respiratory monitoring device for detection of sleep apnea episodes,” in *2016 IEEE 22nd International Symposium for Design and Technology in Electronic Packaging, SIITME*

2016, 2016, pp. 106–109, doi:
10.1109/SIITME.2016.7777255.

- [9] L. Leicht, P. Vetter, S. Leonhardt, and D. Teichmann, “The PhysioBelt: A safety belt integrated sensor system for heart activity and respiration,” in *2017 IEEE International Conference on Vehicular Electronics and Safety, ICVES 2017*, 2017, pp. 191–195, doi:
10.1109/ICVES.2017.7991924.
- [10] I. Mahbub, H. Wang, S. K. Islam, S. A. Pullano, and A. S. Fiorillo, “A low power wireless breathing monitoring system using piezoelectric transducer,” *2016 IEEE Int. Symp. Med. Meas. Appl. MeMeA 2016 - Proc.*, no. June 2018, 2016, doi: 10.1109/MeMeA.2016.7533756.
- [11] A. Ardiyanto, E. Yulianto, and D. Titisari, “Sabuk Respiration Rate Dengan Sensor Piezoelektrik,” 2018.
- [12] I. D. Made Wirayuda, I. D. Gede Hari Wisana, and P. Cahya Nugraha, “Apnea Monitor based on Bluetooth with Android Interface,” *Indones. J.*

Electron. Electromed. Eng. Med. informatics, vol. 1, no. 2, pp. 50–56, 2020, doi: 10.35882/ijeeemi.v1i2.1.

- [13] M. F. Nurillah, B. G. Irianto, I. D. Gede, and H. Wisana, “Internet of Things based Apnea Monitor Development with Notifications on Android,” vol. 2, no. 1, pp. 13–20, 2020.
- [14] S. Kenneth S, “Respiration - Biology Encyclopedia - cells, body, function, human, process, system, different, blood,” © 2017 Advameg, Inc., 2017..
- [15] E. Purjiyanta, *Mekanisme Pernapasan dada dan Perut _ Artikelsiana*. Jakarta: Erlangga, 2006.
- [16] C. R. Taylor, C. Lillis, P. LeMone, and P. Lynn, *Fundamental of nursing*. 2015.
- [17] Wikipedia, “Pernapasan,” 25 September 2018, 2018..
- [18] 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.

- [19] ClinicalMayo, “Sleep apnea - Symptoms and causes - Mayo Clinic,” *July 25, 2018*. .
- [20] L. A. Samiadi, “Penyakit Sleep Apnea_ Obat, Gejala, dll,” *14 Desember 2016*, 2016. .
- [21] “Risk Factors for Sleep Apnea,” 2016.. .
- [22] R. Garoo, “Sleep Apnea In Babies - Causes, Symptoms And Treatment,” *10 April 2018*, 2018.
- .
- [23] Kementerian Kesehatan, “Keputusan Menteri Kesehatan Republik Indonesia Nomor 118/MENKES/SK/IV/2014,” pp. 33–34, 2014.
- [24] World Health Organization, “Core Medical Equipment - Information,” *Core Med. Equipments-Information*, vol. 11.03, no. http://www.who.int/medical_devices/en/index.html, pp. 36, 37, 2011.
- [25] M. M. Co, “Piezoelectric Ceramics Sensors (PIEZOTITE) Product Specifications.” .
- [26] S.Solasubbu, “Wireless Oral Feeding Monitor for Premature Infants with Flex Sensor

Sfor Respiration Adhiyamaan College of Engineering , Hosur , India,” vol. 3, no. 01, pp. 792–794, 2015.

- [27] H.J.Hassaballah and R. A. Fayadh, “Implementasi of wireless sensor network for medical application,” *IOP Conf. Ser. Mater. Eng.*, vol. 745, no. 1, 2020, doi: 10.1088/1757-89X/745/1/012089.
- [28] “BAB II TINJAUAN PUSTAKA LCD TFT,” pp. 4–29, 2012.