

DAFTAR PUSTAKA

- [1] M. Mukhlis and A. Bakhtiar, "Obstructive Sleep Apneu (OSA), Obesitas Hypoventilation Syndrome (OHS) dan Gagal Napas," *J. Respirasi*, vol. 1, no. 3, p. 94, 2019, doi: 10.20473/jr.v1-i.3.2015.94-102.
- [2] S. L. Purwowyoto, "Obstructive Sleep Apnea dan Gagal Jantung," *Yars. Med. J.*, vol. 25, no. 3, p. 172, 2018, doi: 10.33476/jky.v25i3.364.
- [3] C. C. Consequences, "Sleep Apnea," vol. 69, no. 7, 2017, doi: 10.1016/j.jacc.2016.11.069.
- [4] N. Bolden, "Obstructive Sleep Apnea (OSA)," *Anesth. Oral Board Rev. Knocking Out Boards*, pp. 63–64, 2009, doi: 10.1017/CBO9780511657559.026.
- [5] U. Erdenebayar, J. U. Park, P. Jeong, and K. J. Lee, "Obstructive sleep apnea screening using a piezo-electric sensor," *J. Korean Med. Sci.*, vol. 32, no. 6, pp. 893–899, 2017, doi: 10.3346/jkms.2017.32.6.893.
- [6] R. Bs, "Non-invasive sleep apnea detection and monitoring system," pp. 1196–1202, 2016.
- [7] World Health Organization, "Core Medical Equipment - Information," *Core Med. Equipments-Information*, vol. 11.03, no. 1, pp. 36, 37, 2011. http://www.who.int/medical_devices/en/index.htm
- [8] E. Purjiyanta, *Mekanisme Pernapasan dada dan Perut _ Artikelsiana*. Jakarta: Erlangga, 2006.

- [9] G. J. Fernandez, “Sistem Pernafasan,” *Histol. Dasar*, no. 1102005203, pp. 335–355, 2017.
- [10] C. Massaroni, A. Nicolò, D. Lo Presti, M. Sacchetti, S. Silvestri, and E. Schena, “Contact-based methods for measuring respiratory rate,” *Sensors (Switzerland)*, vol. 19, no. 4, pp. 1–47, 2019, doi: 10.3390/s19040908.
- [11] N. A. Anidityas, N. R. Utami, P. Widiyaningrum, and I. Artikel, “Penggunaan Alat Peraga Sistem Pernapasan Manusia Pada Kualitas Belajar Siswa Smp Kelas Viii,” *USEJ - Unnes Sci. Educ. J.*, vol. 1, no. 2, 2012, doi: 10.15294/usej.v1i2.865.
- [12] G. F. Lopez, I. Yamada, V. Problem, and W. Physiological, “Development of a Wearable Acoustic Respiration Sensor Using Piezoelectric Film,” no. June 2012, pp. 2–5, 2014.
- [13] K. M. Rizki, R. Maulana, and W. Kurniawan, “Implementasi Sensor Piezoelectric Sebagai Prototype Alat Musik Piano Berbasis Arduino UNO,” vol. 2, no. 11, 2018.
- [14] Dipti Patil, V. M. Wadhai, S. Gujar, K. Surana, P. Devkate, and S. Waghmare, “APNEA Detection on Smart Phone,” *Int. J. Comput. Appl.*, vol. 59, no. 7, pp. 15–19, 2012.
- [15] R. G. Manjunatha, N. Ranjith, Y. V Meghashree, K. Rajanna, and D. R. Mahapatra, “IDENTIFICATION OF DIFFERENT RESPIRATORY RATE BY A PIEZO POLYMER BASED NASAL SENSOR,” pp. 1–4, 2013.

- [16] A. Ardiyanto, E. Yulianto, and D. Titisari, "Sabuk Respiration Rate Dengan Sensor Piezoelektrik," 2018.
- [17] 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.
- [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] N. Shankar and K. Sankar, "Measurement of Respiratory Rate Using Peizoelectric sensor," vol. 7, no. 1, pp. 184–188, 2018.
- [20] M. Mehta, "ESP 8266 : A BREAKTHROUGH IN WIRELESS SENSOR NETWORKS AND," vol. 6, no. 8, pp. 7–11, 2015.
- [21] 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.
- [22] S. Kenneth S, "Respiration - Biology Encyclopedia - cells, body, function, human, process, system, different, blood," © 2017 Advameg, Inc., 2017. .
- [23] C. R. Taylor, C. Lillis, P. LeMone, and P. Lynn,

Fundamental of nursing. 2015.

- [24] Wikipedia, “Pernapasan,” 25 September 2018, 2018. .
- [25] ClinicalMayo, “Sleep apnea - Symptoms and causes - Mayo Clinic,” July 25, 2018, 2018. .
- [26] L. A. Samiadi, “Penyakit Sleep Apnea_ Obat, Gejala, dll,” 14 Desember 2016, 2016. .
- [27] “Risk Factors for Sleep Apnea,” 2016. .
- [28] R. Garoo, “Sleep Apnea In Babies - Causes, Symptoms And Treatment,” 10 April 2018, 2018. .
- [29] Kementerian Kesehatan, “Keputusan Menteri Kesehatan Republik Indonesia Nomor 118/MENKES/SK/IV/2014,” pp. 33–34, 2014.
- [30] M. M. Co, “Piezoelectric Ceramics Sensors (PIEZOTITE) Product Specifications.” .
- [31] S.Solasubbu, “Wireless Oral Feeding Monitor for Premature Infants with Flex Sensor for Respiration Adhiyamaan College of Engineering , Hosur , India,” vol. 3, no. 01, pp. 792–794, 2015.
- [32] Elektronika and Dasar, “Low Pass Filter (LPF) RC,” 2018. .
- [33] Trinanda, “ATmega328 ~ Inovasi dan Kreatifitas Seputar Teknologi,” 2014. .
- [34] M. M. Kamal, N. A. Z. M. Noar, and A. M. Sabri, “Development of detection and flood monitoring via blynk apps,” *Indones. J. Electr. Eng. Comput.*

Sci., vol. 10, no. 1, pp. 361–370, 2018, doi:
10.11591/ijeecs.v10.i1.pp361-370.

[35] M. I. Mahali, “Praktik_ESP8266_Blynk.” 2017.

[36] Rahmawati, “Android.” p. 6, 2015.