

DAFTAR PUSTAKA

- [1] S. Kawano, T. T. Zin, and Y. Kodama, “A Study on Non-contact and Non-invasive Neonatal Jaundice Detection and Bilirubin Value Prediction,” 2018.
- [2] Institute of Electrical and Electronics Engineers Malaysia Section, International Conference on Biomedical Engineering 2 2015.03.30-31 Penang, and ICoBE 2 2015.03.30-31 Penang, *2015 2nd International Conference on Biomedical Engineering (ICoBE) 30 - 31 March 2015, Penang, Malaysia*. IEEE, 2015.
- [3] A. Chakraborty, S. Goud, V. Shetty, and B. Bhattacharyya, “Neonatal Jaundice Detection System using CNN Algorithm and Image Processing,” *Int. J. Electr. Eng. Technol.*, vol. 11, no. 3, pp. 248–264, 2020, [Online]. Available: <http://www.iaeme.com/IJEET/index.asp?248><http://www.iaeme.com/IJEET/Issues.asp?JType=IJEET&VType=11&IType=3><http://www.jifactor.com><http://www.iaeme.com/IJEET/index.asp?249><http://www.iaeme.com/IJEET/Issues.asp?JType=IJEET&VType=11&IType=3>
- [4] Institute of Electrical and Electronics Engineers and IEEE Control Systems Society. Chapter Malaysia, *Proceedings, 2017 IEEE 13th International*

Colloquium on Signal Processing & Its Application (CSPA 2017) : 10-12 March 2017: conference venue, Parkroyal Penang Resort, Batu Ferringhi Beach, 11100 Penang, Malaysia.

- [5] suresh kumar alla, J. F. Clark, and F. R. Beyette, “Signal Processing System to Extract Serum Bilirubin Concentration from Diffuse Reflectance Spectrum of Human Skin,” 2009.
- [6] IEEE Staff and IEEE Staff, *2010 32nd Annual International Conference of the IEEE Engineering in Medicine and Biology Society*. Suresh K Alla*, Adam Huddle\$ Joseph F Clark&, Fred R Beyette Jr* *Department of Electrical and Computer Engineering,& Neurology, \$ Biomedical Engineering 32nd Annual International Conference of the IEEE EMBSBuenos Aires, Argentina, August 31 - September 4, 2010.
- [7] IEEE Malaysia Section, IEEE Engineering in Medicine and Biology Society. Malaysia Chapter, and Institute of Electrical and Electronics Engineers, *IECBES 2014 : conference proceeding, 2014 IEEE International Conference on Biomedical Engineering and Sciences : 8th-10th December 2014, Miri, Malaysia.* 2014.
- [8] Institute of Electrical and Electronics Engineers, *2016 3rd International Conference on Electronic Design (ICED) : 11-12 Aug. 2016.*

- [9] G. C. Xue, M. X. Ren, L. N. Shen, and L. W. Zhang, “Parental infant jaundice colour card design successfully validated by comparing it with total serum bilirubin,” *Acta Paediatr. Int. J. Paediatr.*, vol. 105, no. 12, pp. e561–e566, Dec. 2016, doi: 10.1111/apa.13542.
- [10] A. K. Chowdhary, S. Dutta, and R. Ghosh, “Neonatal Jaundice Detection using Colour Detection Method,” *Int. Adv. Res. J. Sci. Eng. Technol. ISO*, vol. 3297, 2017, doi: 10.17148/IARJSET.2017.4733.
- [11] K. Subramanian, A. Dhawangale, and S. Mukherji, “Towards non-invasive detection of Neonatal Jaundice using a Smartphone,” Dec. 2018. doi: 10.1109/INDICON45594.2018.8987195.
- [12] B. Harrison-Smith *et al.*, “Development of a mobile phone camera-based transcutaneous bilirubinometer for low-resource settings,” *Biomed. Opt. Express*, vol. 13, no. 5, p. 2797, May 2022, doi: 10.1364/boe.449625.
- [13] M. D. van Erk, A. J. Dam-Vervloet, F. A. de Boer, M. F. Boomsma, H. van Straaten, and N. Bosschaart, “How skin anatomy influences transcutaneous bilirubin determinations: an in vitro evaluation,” *Pediatr. Res.*, vol. 86, no. 4, pp. 471–477, Oct. 2019, doi: 10.1038/s41390-019-0471-z.

- [14] N.-Y. Cheng, Y.-L. Lin, M.-C. Fang, W.-H. Lu, C.-C. Yang, and S.-H. Tseng, “Noninvasive transcutaneous bilirubin assessment of neonates with hyperbilirubinemia using a photon diffusion theory-based method,” *Biomed. Opt. Express*, vol. 10, no. 6, p. 2969, Jun. 2019, doi: 10.1364/boe.10.002969.
- [15] “Penyakit Kuning - Gejala, penyebab dan mengobati - Alodokter.” <https://www.alodokter.com/penyakit-kuning> (accessed Feb. 12, 2023).
- [16] S. B. Nayagi and T. S. Shiny Angel, “Detection and Classification of Neonatal Jaundice Using Color Card Techniques – A Study,” *Int. J. online Biomed. Eng.*, vol. 18, no. 15, pp. 178–201, 2022, doi: 10.3991/ijoe.v18i15.32053.
- [17] “Bayi Kuning: Penyebab, Gejala, dan Cara Perawatannya di Rumah.” <https://www.mitrateluarga.com/artikel/artikel-kesehatan/bayi-kuning> (accessed Feb. 12, 2023).
- [18] “Penyakit Kuning - Gejala, Penyebab, dan Pengobatan | Halodoc.” <https://www.halodoc.com/kesehatan/penyakit-kuning> (accessed Feb. 12, 2023).
- [19] “RS Pondok Indah.” <https://www.rspondokindah.co.id/id/news/kuning->

pada-bayi-baru-lahir-jaundice (accessed Feb. 12, 2023).

- [20] AMS, “Colour Light-to-Digital Converter with IR Filter,” pp. 1–40, 2016, [Online]. Available: <https://ams.com/TCS34725#tab/description>
- [21] M. D. Utami, A. A. Zahra, and S. Sudjadi, “Perancangan Dan Analisa Kinerja Sistem Akuisisi Data Sensor Tcs34725 Dan Pengendalian Pompa Motor Dc Pada Alat Pencampur Warna,” *Transient J. Ilm. Tek. Elektro*, vol. 9, no. 3, pp. 360–367, 2020, doi: 10.14710/transient.v9i3.360-367.
- [22] “Arduino Nano: Pengertian, Fungsi, Pinout, dan Harga - Aldyrazor.com.” <https://www.aldyrazor.com/2020/08/arduino-nano.html> (accessed Aug. 19, 2023).