

## DAFTAR PUSTAKA

- Deshmukh, V. V. and Ghongade, R. B. (2016) 'Measurement of dielectric properties of aqueous glucose using planar ring resonator', *International Conference on Microelectronics, Computing and Communication, MicroCom 2016*, pp. 1–5. doi: 10.1109/MicroCom.2016.7522542.
- Didik, L. A. (2020) 'Pengukuran Konstanta Dielektrik Untuk Mengetahui Konsentrasi Larutan Gula Dengan Menggunakan Metode Plat Sejajar', *Jurnal Pendidikan Fisika*, 8(2), pp. 127–132. Available at: <http://journal.uin-alauddin.ac.id/index.php/PendidikanFisika/article/view/11416/9509>.
- Didik, L. A., Safarwadi, I. and Muslimah, M. (2021) 'Pengukuran Indeks Bias Larutan untuk Mengetahui Kadar Gula dalam Tebu dengan Menggunakan Metode Difraksi Fraunhofer Celah Tunggal', *Konstan - Jurnal Fisika Dan Pendidikan Fisika*, 6(1), pp. 35–42. doi: 10.20414/konstan.v6i1.68.
- Ekasari, E. and Dhanny, D. R. (2022) 'Faktor Yang Mempengaruhi Kadar Glukosa Darah Penderita Diabetes Melitus Tipe II Usia 46-65 Tahun Di Kabupaten Wakatobi', *Journal of Nutrition College*, 11(2), pp. 154–162. doi: 10.14710/jnc.v11i2.32881.
- El Gharbi, M. *et al.* (2021) 'Determination of salinity and sugar concentration by means of a circular-ring monopole textile antenna-based sensor', *IEEE Sensors Journal*, 21(21), pp. 23751–23760. doi: 10.1109/JSEN.2021.3112777.
- Hegde, R., Ranjana, S. and Divya, C. D. (2021) 'Survey on Development of Smart Healthcare Monitoring System in IoT Environment', *Proceedings - 5th International Conference on Computing Methodologies and Communication, ICCMC 2021*, c, pp. 395–399. doi: 10.1109/ICCMC51019.2021.9418405.
- Islam, M. M., Rahaman, A. and Islam, M. R. (2020) 'Development of Smart Healthcare Monitoring System in IoT Environment', *SN Computer Science*, 1(3). doi: 10.1007/s42979-020-00195-y.
- Njokweni, S. N. and Kumar, P. (2020) 'Salt and sugar detection system using a compact microstrip patch antenna', *International Journal on Smart Sensing and Intelligent Systems*, 13(1), pp. 1–9. doi: 10.21307/IJSSIS-2020-027.
- Omer, A. E. *et al.* (2020) 'Low-cost portable microwave sensor for non-invasive monitoring of blood glucose level: novel design utilizing a four-cell CSRR hexagonal configuration', *Scientific Reports*, 10(1), pp. 1–20. doi: 10.1038/s41598-020-72114-3.
- Rahman, M. N., Islam, M. T. and Samsuzzaman, M. (2018) 'Detection of different concentrated salt and sugar solution based on dielectric properties using microstrip technology', *Microwave and Optical Technology Letters*, 60(6), pp. 1573–1577. doi: 10.1002/mop.31201.
- Samsuzzaman *et al.* (2018) 'Detection of salt and sugar contents in water on the basis of dielectric properties using microstrip antenna-based sensor', *IEEE Access*, 6(c), pp. 4118–4126. doi: 10.1109/ACCESS.2017.2787689.
- Sanjaya, H., Supriyanto, A. and Pauzi, G. A. (2017) 'Perancangan Alat Ukur Kadar Gula pada Produk Pangan Menggunakan Sensor Kapasitor Keping Sejajar

Berbasis Mikrokontroler ATMega8535’, *Jurnal Teori dan Aplikasi Fisika*, 5(1), pp. 83–89.

Taufiqurrohman Zain, A. (2020) ‘Pengujian sensor fotodetektor sebagai alat ukur kadar gula pada larutan gula’, *Jurnal TAMBORA*, 4(1), pp. 39–45. doi: 10.36761/jt.v4i1.570.

Umat, D., St, P. and Padua, A. (2022) ‘Edukasi Diabetes Melitus Dan Pemeriksaan Kadar Glukosa’, *Jurnal Pengabdian kepada Masyarakat MAPALUS*, 1(1), pp. 18–25.

Zulkarnain and Shiddiq, M. (2018) ‘Investigasi Penggunaan Metode Laser Speckle Imaging (LSI) untuk Pengukuran Kadar Gula Darah’, *Jurnal Fisika*, 8(2), pp. 60–67. doi: 10.15294/jf.v8i2.16977.

