

DAFTAR PUSTAKA

- [1] Fitriyanti, A. D., “Berolahraga Sepeda Menggunakan Global Positioning System (Gps) Berbasis Android,” Jurnal Teknologi Informasi, 1(1), 49–56, 2014.
- [2] Sermaraj M, “Design and Fabrication of Pedal Operator Reciprocating Water Pump,” IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)e-ISSN: 2278-1684, p-ISSN: 2320-334X PP 64-83, 2006.
- [3] M. Kholid Ridwan, S. Gandes Pinasti, and F. Ramadhan, “Sinergi Antara Konservasi Energi dan Pembinaan Anak Yatim di Masa Pandemi,” Universitas Gadjah Mada, Yogyakarta, 2019. Accessed: Aug. 02, 2022. [Online]. Available: ft.ugm.ac.id
- [4] Akinwonmi A., Adzimah S., Oppong F, “*Pedal Powered Centrifugal Pump* Purified Water Supply Device,” Innovative Systems Design and Engineering ISSN 2222-1727 (Paper), ISSN 2222-2871 (Online). Vol 3, No. 11.
- [5] Modi V., McDade S., Lallement. D., Saghir, J, “Energy Services for the Millenium Development Goals,” 2005. Krendel, E. S, “Man and Animal-Generated Power in Power Miscellany”, pps 9.2099.210, 1963.
- [6] Sreejith K., Manu S., Martin O.J., Mintu L., Noble P. K., Sonal P. Thomas, “Experimental Investigation Of *Pedal Powered Centrifugal Pump*,” Vol.4, Issue 8 (August 2022), Pp 56-60 Issn (e): 2278-4721, Issn (p):2319-6483, www.researchinventy.com.
- [7] Mogaji P. B, “Development Of An Improved Pedal Powered Water Pump,” International Journal Of Scientific & Engineering Research, Volume 7, Issue 2, 2016.
- [8] Remy U., Onyewuchi O., and Eshiet G, “Design and Fabrication of a Dual Power Water Pump,” Innovative systems design and engineering, 2014, Vol.5, No.6, pp. 7-23.
- [9] Sagar V, Jayesh M, Amradeep L, Rahul B, “Pedal Operated Water Pump,” International Journal on Theoretical and Applied Research in Mechanical Engineering (IJTARME), Volume -6, Issue-1-2, 2017, pp. 175-178.
- [10] R. Praveen Kumar, G. Navaneetha Krishnan, V. Venkadesh and N. Premkumar, “Dual Side Water Pumping System using Scotch Yoke Mechanism,” Indian Journal of Science and Technology, Vol 8(36), DOI: 10.17485/ijst/2015/v8i36/87556, December 2022.
- [11] I. M. Serazul., H. M. Zakaria., K. M. Abdul, “Design and Development of Pedal Pump for Low Lift Irrigation,” JARD, 5(1&2)116-126, 2007.
- [12] D. Gordon Wilson, “Understanding Pedal Power,” 51 vols., Accessed: Aug. 12, 2023. [Online]. Available: pr-info@vita.org
- [13] Dixon, S L - Fluid Mechanics, “Thermodynamics of Turbomachinery,” 4th edition, Butterworth-Heinemann, Oxford, 1998.

- [14] Nuclear Power, S. V, “Main Parts of a Centrifugal Pump,” (accessed July 12, 2022), <http://nuclear-power.com/nuclear-power/reactor-physics/reactor-operation/shutdown-margin-sdm/>
- [15] Max, “What is *Head* of a Pump? A Complete Guide,” *Linguib*, Dec. 13, 2020. <https://www.linguip.com/blog/what-is-head-of-a-pump/> (accessed Aug. 26, 2022).
- [16] R. L Mott, E. M Vavrek, and J. Wang, “Machine Elements in Mechanical Design,” 6th ed. Pearson.
- [17] Ejiko, S. O., Aluko, F. I., & Oladimeji, E. A. “Development of a robotic pick-up material handling arm,” *International Journal of Precious Engineering Research and Applications*, 3(1), 21-36, 2018.
- [18] Khurmi, R. S., & Gupta, J. K, *Theory of machines*,” 14th ed., New Delhi, India: S. Chand & Co. Ltd, 2005.
- [19] Sularso, S. Kiyokatsu, “Dasar Perencanaan Dan Pemilihan Elemen Mesin,” Jakarta: PT Pradnya Paramita, 1991:1.
- [20] A. Baldwin McKay, “Design of a Portable Bicycle Powered Irrigation Pump for Small-Scale African Farmers,” Master’s Thesis, University of California, Davis, 2018.
- [21] Alan Spybey, “*Flow rates of all Pumps* 121017.” Kickstart.
- [22] Friendship Systems, *Water Pump Design: “Geometry for a Shrouded Impeller,”* CAESES, (accessed August 15, 2022).
- [23] Geometry Geeks, “Specialized S-Works Tarmac S15 2018,” *GeometryGeek.Bike*, 2018. <https://geometrygeeks.bike/bike/specialized-s-works-tarmac-s15-2018/> (accessed Dec. 22, 2022).
- [24] G. Tarrant, “Blocklayer.com.” Blue Dragon Children’s Foundation, Sep. 19, 2022. Accessed: Dec. 02, 2022. [Online]. Available: <https://www.blocklayer.com/chain-sprocket>
- [25] Sularso, MSME., “Dasar Perencanaan dan Pemilihan Elemen Mesin,” Jakarta : PT. Pradnya Paramita, 1997.
- [26] Robert, L. Mott, “Machine Elements in Mechanical Design, Fourth Edition. University of Dayton.
- [27] P. Fraenkel, “Section 3 Review of Pumps and Water Lifting Techniques,” in *Water lifting devices*, Rome: Food and Agriculture Organization of the United Nations, 1986, pp. 35–140.
- [28] E. H. A. (World H. O. Hofkes, “Manual pumping of water for community water supply and small-scale irrigation,” presented at the FAO/DANIDA Workshop on Water Lifting Devices in Asia and the Near East, Bangkok (Thailand), 1981.
- [29] Margaret Gentile, Chris Grossman, Charles Louison, Jim Otten, Jessica Rabl, and Chris Rivest, “Bicycle Powered Water Pump,” presented at the PurpleB, MIT, 2005.
- [30] John The Techy, *Pedal powered water pump*. 2007. [Online]. Available: <https://www.youtube.com/watch?v=BtObp4IIIaw>. [Accessed: 28-Dec-2022].
- [31] Alex Gowans, “Personal Communication,” [Accessed: 29-Dec-2022].

- [32] Jonathan Leary, “Design of a Novel Product Using Waste Material,” M.Eng. Mechanical Engineering, University of Sheffield, 2008.
- [33] “Rainmaker,” Project41. [Online]. Available: <http://p41.org/rainmaker>. [Accessed: 30-Dec-2022].