

DAFTAR PUSTAKA

1. Adree Gumilang Sukmana, et al., Effect of Wind Speed on Power output of Hellical Savonius Type Wind Turbine with 3 Blade, JIM 3 (2) 2021
2. Fatahul Arifin, RD Kusumanto, "Simulation of Diffuser for Horizontal Axis Wind Turbine using Computational Fluid Dynamic", ISSN: 04532198, Volume 63, Issue 06, June, 2021.
3. Fauzih, RM., Fatahul, A., RD, Kusumanto., (2021). "Optimization of Vertical Wind Turbine Performance in Tunnel Area of Coal Conveyor. The 7th International Conference on Electrical, Electronics and Information Engineering
4. D Rifai, K Suryopratomo, R Budiarto, Multilevel Diffuser Augmented for Horizontal Axis Wind Turbine, E3S Web of Conferences 42, 1-6 | vol: | issue : | 2018
5. Germana, A., Fatahul, A., Rusdianasari. (2021). "CFD Analysis for Combination Savonius and Darrieus Turbine with Differences in the Number of Savonius Turbine Blades". International Conference on Article Intelligence and Mechatronics System (AIMS).doi:10.1109/AIMS52415.2021.9466009
6. Gumilar, L., Arif, N.A., Quota, A. Wahyu, S., Mokhamad, S., Achmad, G. (2020). "Comparative Study: Pitch Angle Variation for Making Power Curve and Search Maximum Power of Horizontal Axis Wind Turbine". AIP Confrence Proceeding 2228, 030005 (2020). DOI:10.063.5.0000898
7. Ichsan A, Fatahul A, Yohandri B (2022) Study of The Effect Changing The Shape of Blade and Lift Angles on Horizontal Wind Turbine. (IJRVOCAS) VOL. 2, NO. 1, April 2022, PP. 33~37 Print ISSN 2777-0168| Online ISSN 2777-0141| DOI prefix: 10.53893 <https://journal.gpp.or.id/index.php/ijrvocas/index>
8. Ibrahim, Kelvin., Vivien,S., Djanali., Nur, Ikhwan. (2020). "Numerical Study of Bach-bladed Savonius Wind Turbine with Varying Blade Shape Factor". JMes The International Journal of Mechanical Engineering and Sciences. <https://iptek.its.ac.id/index.php/jmes>
9. Kamal, M., Fatahul, A., Rusdianasari. (2021). "Analysis of the Performances of The Four-Blade Darrieus Wind Turbine at the Jamk Bukit Asam Mosque Complex Tanjung Enim South Sumatera". International Journal of Research in Vocational Studies, Vol. 1(2), 45-51
10. Khan, T., Balbir, S., Mohamed, T., Kamarul, A. 2022. "Performance of a HAWT Rotor with a Modified Blade Configuration". Pertanika Journal of Science and Technology. 30(1):201-220 (2022)
11. Rizianza, Illa., Devy, S., Alfian, D. (2019). " The Effect of The Angle of Attack of Electric Power Generated on Prototype of the Horizontal Axis Wind Turbine". IOP Conf. Series: Materials Sciences and Engineering 494. Doi:10.1088/1757-899X/494/1/012048
12. Sudarma, A,F., Muhammad, K., Subekti., Indra, A. (2020). "The Effect of Blade Number on Small Horizontal Axis Wind Turbine (HAWT) Performance: An

Experimental and Numerical Study. *International Journal of Environmental Science and Development*, 11(12).

13. Tenghiri, L., Y Khalil, Abdi, A Bentamy. 2018. "Optimum design of a small wind turbine blade for maximum power production". *IOP Conf. Series: Earth and Environmental Science* 161 (2018) .doi:10.1088/1755-1315/161/1/012008
14. Wardhana, A. Taqwa, and T. Dewi, "Design of Mini Horizontal WindTurbine for Low Wind Speed Area," *J. Phys. Conf. Ser.*, vol. 1167, no. 1, 2019.
15. C. Sovanara, F. Firdaus, R. Rusdianasari, "A review on environmental impact of wind energy," in *Proceeding Forum in Research, Science, and Technology (FIRST)*, 2016
16. R. B. Yuliandi, Rusdianasari, and Dewi, T., "Comparison of blade dimension design of a vertical wind turbine applied in low wind speed," In *proceeding of E3S Web of Conference EDP Science*, Vol. 68, 2018.