

DAFTAR PUSTAKA

- Agra, A.A. *et al.* (2021) 'Automated procedure for coke microstructural characterization in imagej software aiming industrial application', *Fuel*, 304(June). Available at: <https://doi.org/10.1016/j.fuel.2021.121374>.
- Akhoundi, B. dan Behraves, A.H. (2019) 'Effect of Filling Pattern on the Tensile and Flexural Mechanical Properties of FDM 3D Printed Products', *Experimental Mechanics*, 59(6), pp. 883–897. Available at: <https://doi.org/10.1007/s11340-018-00467-y>.
- Ali, M.M., Nugroho, A. dan Syakur, A. (2017) 'Pembuatan Dan Analisis Pengaruh Kondisi Permukaan Terhadap Unjuk Kerja Isolator Polimer 20 Kv Tipe Sirip Tak Seragam Dengan Variasi Tegangan Uji', *Transient Jurnal Ilmiah Teknik Elektro*, 6(3), p. 396. Available at: <https://doi.org/10.14710/transient.6.3.396-403>.
- Aliheidari, N. *et al.* (2017) 'The impact of nozzle and bed temperatures on the fracture resistance of FDM printed materials', *Behavior and Mechanics of Multifunctional Materials and Composites 2017*, 10165, p. 1016512. Available at: <https://doi.org/10.1117/12.2260105>.
- Andika, R. (2024) 'Kombinasi Grey Relational Analysis (GRA) dan ROC Dalam Penentuan Promosi Jabatan Supervisor', *CHAIN: Journal of Computer Technology, Computer Engineering and Informatics*, 2(1), pp. 37–44.
- Arioli, M., Puiggalí, J. dan Franco, L. (2024) 'Nylons with Applications in Energy Generators, 3D Printing and Biomedicine', *Molecules*, 29(11). Available at: <https://doi.org/10.3390/molecules29112443>.
- Bikas, H., Stavropoulos, P. dan Chrysosolouris, G. (2016) 'Additive manufacturing methods and modeling approaches: A critical review', *International Journal of Advanced Manufacturing Technology*, 83(1–4), pp. 389–405. Available at: <https://doi.org/10.1007/s00170-015-7576-2>.
- Buckner, C.A. *et al.* (2016) 'We are IntechOpen , the world ' s leading publisher of Open Access books Built by scientists , for scientists TOP 1 %', *Intech*, 11(tourism), p. 13. Available at: <https://www.intechopen.com/books/advanced-biometric-technologies/liveness-detection-in-biometrics>.
- Chen, F. *et al.* (2021) 'How do the printing parameters of fused filament fabrication and structural voids influence the degradation of biodegradable devices?', *Acta Biomaterialia*, 136, pp. 254–265. Available at: <https://doi.org/10.1016/j.actbio.2021.09.020>.
- Ebiefung, A.A. (2019) 'The Vertical Generalized Complementarity Problem: Mixed Lubrication and Choice of Technology Models*', *IORMS Journal of Mathematics and Statistics (IORMS-JMS)*, 1(1), pp. 45–53. Available at: www.iormsjournals.org.
- Farayibi, P.K. dan Omiyale, B.O. (2020) 'Mechanical Behaviour of Polylactic Acid Parts Fabricated via Material Extrusion Process: A Taguchi-Grey Relational Analysis Approach', *International Journal of Engineering Research in Africa*, 46, pp. 32–44. Available at: <https://doi.org/10.4028/www.scientific.net/jera.46.32>.
- Fasya, F. *et al.* (2015) 'Melt loss dan porositas pada aluminium hasil daur ulang 1', 3(1), pp.

44–50.

- Garzon-Hernandez, S. *et al.* (2020) ‘Design of FDM 3D printed polymers: An experimental-modelling methodology for the prediction of mechanical properties’, *Materials and Design*, 188, p. 108414. Available at: <https://doi.org/10.1016/j.matdes.2019.108414>.
- Gaussian, J. (2014) ‘merupakan suatu eksperimen yang terdiri dari k buah faktor dengan dua level. Sedangkan desain eksperimen faktorial 3’, 3, pp. 303–312.
- Gong, H. *et al.* (2025) ‘Influence of Filament Moisture on 3D Printing Nylon †’, *Technologies*, 13(8), pp. 1–12. Available at: <https://doi.org/10.3390/technologies13080376>.
- Grabowik, C. *et al.* (2017) ‘Tensile tests of specimens made of selected group of the filament materials manufactured with FDM method’, *MATEC Web of Conferences*, 112, pp. 1–6. Available at: <https://doi.org/10.1051/mateconf/201711204017>.
- Gultom, E. dan Kaelani, Y. (2017) ‘Studi Eksperimen Dan Analisa Laju Keausan Material Alternatif Pada Sepatu Rem Lokomotif’, *Jurnal Teknik Its*, 5(2). Available at: <https://doi.org/10.12962/j23373539.v5i2.20765>.
- Hasdiansah, H. dan Sugiyarto, S. (2021a) ‘Pengaruh Setting Parameter pada Slicing Software terhadap Surface Roughness Objek 3D Printing menggunakan Metode Taguchi’, *Jurnal Rekayasa Mesin*, 16(3), p. 319. Available at: <https://doi.org/10.32497/jrm.v16i3.2519>.
- Hasdiansah, H. dan Sugiyarto, S. (2021b) ‘Pengaruh Setting Parameter Pada Slicing Software Terhadap Surface Roughness Objek 3D Printing Menggunakan Metode Taguchi’, *Jurnal Rekayasa Mesin*, 16(3), p. 319. Available at: <https://doi.org/10.32497/jrm.v16i3.2519>.
- Stachowiak, G.W. dan Batchelor, A.W. (2014) ‘Introduction’, in *Engineering Tribology*. Elsevier, pp. 1–10. doi: 10.1016/b978-0-12-397047-3.00001-1.
- Jiang, S. *et al.* (2024) ‘Tribological evaluation of thermoplastic polyurethane-based bearing materials under water lubrication : Effect of load , sliding speed , and temperature’, 12(8), pp. 1801–1815.
- Karad, A.S. *et al.* (2023) ‘Experimental study of effect of infill density on tensile and flexural strength of 3D printed parts’, *Journal of Engineering and Applied Science*, 70(1), pp. 1–17. Available at: <https://doi.org/10.1186/s44147-023-00273-x>.
- Kumar, C.H.K. *et al.* (2023) ‘A Review on the Material Selection for the Construction of Journal Bearing for Better Power Transmission and Wear Reduction’, *International Journal of Research Publication and Reviews*, 4(3). Available at: <https://doi.org/10.55248/gengpi.2023.4.32563>.
- Lubis, F. *et al.* (2021) ‘Analisa Kekuatan Bearing Pada Prototype Belt Conveyor’, *Jurnal MESIL (Mesin Elektro Sipil)*, 2(2), pp. 51–57. Available at: <https://doi.org/10.53695/jm.v2i2.584>.
- Lubis, F.H. *et al.* (2021) ‘Analisa Kekuatan Bearing Pada Prototype Belt Conveyor’, *Jurnal Mesil (Mesin Elektro Sipil)*, 2(2), pp. 51–57. Available at: <https://doi.org/10.53695/jm.v2i2.584>.
- Maidin, S. *et al.* (2022) ‘Application of Taguchi Method To Optimize Fused Deposition

- Modeling Process Parameters for Surface Roughness', *Jurnal Teknologi*, 84(6), pp. 29–37. Available at: <https://doi.org/10.11113/jurnalteknologi.v84.18430>.
- Mohsin, I. *et al.* (2020) 'Optimization of the polishing efficiency and torque by using Taguchi method and ANOVA in robotic polishing', *Applied Sciences (Switzerland)*, 10(3). Available at: <https://doi.org/10.3390/app10030824>.
- Mourya, V., Bhore, Skylab P. dan Wandale, P.G. (2023) 'Comparative investigation on wear properties of 3D-printed textured journal bearings', *Journal of Manufacturing Processes*, 103(September), pp. 337–353. Available at: <https://doi.org/10.1016/j.jmapro.2023.08.046>.
- Mourya, V., Bhore, Skylab P dan Wandale, P.G. (2023) 'Multiobjective Optimization of Tribological Characteristics of 3D Printed Texture Surfaces for ABS and PLA Polymers', *Journal of Thermoplastic Composite Materials*, 37(2), pp. 772–799. Available at: <https://doi.org/10.1177/08927057231185710>.
- Muchammad, M. (2018) 'Analisa Pengaruh Penempatan Slip Terhadap Distribusi Tekanan, Load Support, Dan Friction Pada Journal Bearing', *Rotasi*, 20(2), p. 95. Available at: <https://doi.org/10.14710/rotasi.20.2.95-101>.
- Portoacă, Alexandra Ileana *et al.* (2023) 'Optimization of 3D Printing Parameters for Enhanced Surface Quality and Wear Resistance', *Polymers*, 15(16). Available at: <https://doi.org/10.3390/polym15163419>.
- Portoacă, Alexandra I *et al.* (2023) 'Optimization of 3D Printing Parameters for Enhanced Surface Quality and Wear Resistance', *Polymers*, 15(16), p. 3419. Available at: <https://doi.org/10.3390/polym15163419>.
- Rosyadi, M.W. *et al.* (2024) 'Optimization of Fused Deposition Modeling (FDM) Machine Process Parameters for Polylactic Acid (PLA) Surface Roughness Using the Taguchi Approach', *Journal of Mechanical Engineering, Science, and Innovation*, 4(1), pp. 35–44. Available at: <https://doi.org/10.31284/j.jmesi.2024.v4i1.5999>.
- Sander, D.E. *et al.* (2016) 'Simulation of journal bearing friction in severe mixed lubrication - Validation and effect of surface smoothing due to running-in', *Tribology International*, 96, pp. 173–183. doi: 10.1016/j.triboint.2015.12.024.
- Sandi, A. *et al.* (2022) 'Pengaruh Variasi Parameter Cetak Dan Post Process Terhadap Tingkat Kekerasan Spesimen Hasil Cetak Tiga Dimensi Berbasis Stereolithography (SLA)', *Conference Senatik STT Adisutjipto Yogyakarta*, 7. Available at: <https://doi.org/10.28989/senatik.v7i0.454>.
- Selvam, A. *et al.* (2022) 'Multi-objective optimization and prediction of surface roughness and printing time in FFF printed ABS polymer', *Scientific Reports*, 12(1), pp. 1–12. doi: 10.1038/s41598-022-20782-8.
- Shakiba, M. *et al.* (2021) 'Nylon—A Material Introduction and Overview for Biomedical Applications', *Polymers for Advanced Technologies*, 32(9), pp. 3368–3383. Available at: <https://doi.org/10.1002/pat.5372>.
- Shi, X., Adachi, A. dan Kida, K. (2019) 'Subsurface Stress Distribution and Failure of PPS Thrust Bearings Under Rolling Contact Fatigue in Water', *Key Engineering Materials*, 814, pp. 152–156. Available at: <https://doi.org/10.4028/www.scientific.net/kem.814.152>.

- Shuto, R. *et al.* (2022) 'Effect of the nozzle temperature on the microstructure and interlaminar strength in 3D printing of carbon fiber/polyphenylene sulfide composites', *Composites Part C: Open Access*, 9(November), p. 100328. Available at: <https://doi.org/10.1016/j.jcomc.2022.100328>.
- Singh, S., Ramakrishna, S. dan Singh, R. (2017) 'Material issues in additive manufacturing: A review', *Journal of Manufacturing Processes*, 25(January), pp. 185–200. Available at: <https://doi.org/10.1016/j.jmapro.2016.11.006>.
- Sun, X., Mazur, M. dan Cheng, C.T. (2023) 'A review of void reduction strategies in material extrusion-based additive manufacturing', *Additive Manufacturing*, 67(February), p. 103463. Available at: <https://doi.org/10.1016/j.addma.2023.103463>.
- Tauviquirrahman, M., Muthik, B. dan Risky, R. (2016) 'Studi Performansi Textured Bearing Dengan Pelumas Non-Newtonian Dengan Mempertimbangkan Slip Dan Kavitasi', *Rotasi*, 18(4), p. 117. Available at: <https://doi.org/10.14710/rotasi.18.4.117-123>.
- Tronvoll, S.A., Welo, T. dan Elverum, C.W. (2018) 'The effects of voids on structural properties of fused deposition modelled parts : a probabilistic approach', pp. 3607–3618.
- Wang, P., Zou, B. dan Ding, S. (2019) 'Modeling of surface roughness based on heat transfer considering diffusion among deposition filaments for FDM 3D printing heat-resistant resin', *Applied Thermal Engineering*, 161(June), p. 114064. Available at: <https://doi.org/10.1016/j.applthermaleng.2019.114064>.
- Yeong-Jae, L., Kwang-Hee, L. dan Chul-Hee, L. (2018) 'Self-lubricating and friction performance of a three-dimensional- printed journal bearing', *Journal of Tribology*, 140(5). Available at: <https://doi.org/10.1115/1.4039995>.
- Zhou, J., Wu, D. dan Guo, D. (2010) 'Optimization of the production of thiocarbonylhydrazide using the Taguchi method', (June), pp. 1402–1406. Available at: <https://doi.org/10.1002/jctb.2446>.
- Zhu, J., Xie, F. dan Dwyer-Joyce, R.S. (2020) 'PEEK composites as self-lubricating bush materials for articulating revolute pin joints', *Polymers*, 12(3), p. 665. Available at: <https://doi.org/10.3390/polym12030665>.