

DAFTAR PUSTAKA

- Ardiansyah, R. (2021) PENGARUH KEKUATAN TARIK FILAMEN ACID (PLA) TERHADAP ORIENTASI SUDUT PENCETAKAN VERTIKAL SEBESAR 90°.
- D20 Committee (2013) Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials. ASTM International. Available at: <https://doi.org/10.1520/D0790-10>.
- D20 Committee (2014) Test Method for Tensile Properties of Plastics. ASTM International. Available at: <https://doi.org/10.1520/D0638-14>.
- Davis, R. and John, P. (2018) ‘Application of Taguchi-Based Design of Experiments for Industrial Chemical Processes’, in V. Silva (ed.) Statistical Approaches With Emphasis on Design of Experiments Applied to Chemical Processes. InTech. Available at: <https://doi.org/10.5772/intechopen.69501>.
- Durga Prasada Rao, V., Rajiv, P. and Navya Geethika, V. (2019) ‘Effect of fused deposition modelling (FDM) process parameters on tensile strength of carbon fibre PLA’, Materials Today: Proceedings, 18, pp. 2012–2018. Available at: <https://doi.org/10.1016/j.matpr.2019.06.009>.
- Flashforge, 2023 (2023) ‘Flashforge’. Available at: www.flashforge3dp.com.
- 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. Edited by L. Slătineanu et al., 112, p. 04017. Available at: <https://doi.org/10.1051/matecconf/201711204017>.
- Halimah, P. and Ekawati, Y. (2020) ‘Penerapan Metode Taguchi untuk Meningkatkan Kualitas Bata Ringan pada UD. XY Malang’, JIEMS (Journal of Industrial Engineering and Management Systems), 13(1). Available at: <https://doi.org/10.30813/jiems.v13i1.1694>.
- Hikmat, M., Rostam, S. and Ahmed, Y.M. (2021) ‘Investigation of tensile property-based Taguchi method of PLA parts fabricated by FDM 3D printing technology’, Results in Engineering, 11, p.100264. Available at: <https://doi.org/10.1016/j.rineng.2021.100264>.

- Ho, C.M.B., Ng, S.H. and Yoon, Y.-J. (2015) ‘A review on 3D printed bioimplants’, International Journal of Precision Engineering and Manufacturing, 16(5), pp. 1035–1046. Available at: <https://doi.org/10.1007/s12541-015-0134-x>.
- Kamaruddin, S., Khan, Z.A. and Foong, S.H. (2010) ‘Application of Taguchi Method in the Optimization of Injection Moulding Parameters for Manufacturing Products from Plastic Blend’, International Journal of Engineering and Technology, 2(6), pp.574580. Available at: <https://doi.org/10.7763/IJET.2010.V2.184>.
- Kristiawan, R.B. et al. (2021) ‘A review on the fused deposition modeling (FDM) 3D printing: Filament processing, materials, and printing parameters’, Open Engineering, 11(1), pp. 639–649. Available at: <https://doi.org/10.1515/eng-2021-0063>.
- Kumar, M.A., Khan, M. and Mishra, S. (2020) ‘Effect of machine parameters on strength and hardness of FDM printed carbon fiber reinforced PETG thermoplastics’.
- Lee, D. and Wu, G.-Y. (2020) ‘Parameters Affecting the Mechanical Properties of Three-Dimensional (3D) Printed Carbon Fiber-Reinforced Polylactide Composites’, Polymers, 12(11), p. 2456. Available at: <https://doi.org/10.3390/polym12112456>.
- Mayasari, A. I., Wuryandari, T., & Hoyyi, A. (2014). Optimalisasi Proses Produksi Yang Melibatkan Beberapa Faktor Dengan Level Yang Berbeda Menggunakan Metode Taguchi. Jurnal Gaussian, 3(3), 303-312.
- Montgomery, D. C. (2017). Montgomery: Design and analysis of experiments. In John wiley & sons.
- Naharrudin, Sam, A. and Nugraha, C. (2015) ‘KEKUATAN TARIK DAN BENDING SAMBUNGAN LAS PADA MATERIAL BAJA SM 490 DENGAN METODE PENGELASAN SMAW DAN SAW’.
- Nurul Amri, A.A. and Sumbodo, W. (2018) ‘Perancangan 3D Printer Tipe Core XY Berbasis Fused Deposition Modeling (FDM) Menggunakan Software Autodesk Inventor 2015’, Jurnal Dinamika Vokasional Teknik Mesin, 3(2), pp. 110–115. Available at: <https://doi.org/10.21831/dinamika.v3i2.21407>.

- Patel, K.S. et al. (2023) ‘Developments in 3D printing of carbon fiber reinforced polymer containing recycled plastic waste: A review’, Cleaner Materials, 9, p. 100207. Available at: <https://doi.org/10.1016/j.clema.2023.100207>.
- Pratama, W.H., -, Hasdiansah and -, Husman (2021) ‘Optimasi Parameter Proses 3D Printing Terhadap Kuat Tarik Material Filamen PLA + Menggunakan Metode Taguchi’, SPROCKET JOURNAL OF MECHANICAL ENGINEERING, 3(1), pp. 39–45. Available at: <https://doi.org/10.36655/sprocket.v3i1.568>.
- Prihadianto, B.D. et al. (2023) ‘Analisis Kekuatan Tarik dan Regangan Filamen Carbon Fiber Hasil 3D Print dengan Variasi Fill Density’, Infotekmesin, 14(2), pp. 390–396. Available at: <https://doi.org/10.35970/infotekmesin.v14i2.1936>.
- Pristiansyah, P., Hasdiansah, H. and Sugiyarto, S. (2019) ‘Optimasi Parameter Proses 3D Printing FDM Terhadap Akurasi Dimensi Menggunakan Filament Eflex’, Manutech : Jurnal Teknologi Manufaktur, 11(01), pp. 33–40. Available at: <https://doi.org/10.33504/manutech.v11i01.98>.
- Roihan, M.A.F. (2022) PENGARUH KETEBALAN CORE (3D PRINT) DENGAN BAHAN PLA (POLYATIC-ACID) TERHADAP UJI BENDING SPESIMEN KOMPOSIT SANDWICH MENGGUNAKAN METODE VACUUM INFUSION.
- Ross, P. J., 2008. Taguchi Techniques for Quality Engineering. Taiwan: McGraw-Hill Companies. Inc.
- Rusianto, T. and Huda, S. (2019) ‘A RIVIEW: JENIS DAN PENCETAKAN 3D (3D PRINTING) UNTUK PEMBUATAN PROTOTIPE’, Jurnal Teknologi, 12.
- Salindeho, R.D., Soukota, J. and Poeng, R. (2023) ‘PEMODELAN PENGUJIAN TARIK UNTUK MENGANALISIS SIFAT MEKANIK MATERIAL’.
- Sardi, V.B., Jokosisworo, S. and Yudo, H. (2018) ‘Pengaruh Normalizing dengan Variasi Waktu Penahanan Panas (Holding Time) Baja ST 46 terhadap Uji Kekerasan, Uji Tarik, dan Uji Mikrografi’.
- Sathish, T. (2018) ‘Design and Fabrication of Industrial Components Using 3D Printing’, Materials Today [Preprint].
- Setiawan, S.Y. (2019) PENGARUH TEMPERATUR TERHADAP KEKUATAN TARIK DAN TEKAN PADA PROSES EKSTRUSI DI MESIN PRINTER 3D.

- Sharma, M. et al. (2014) ‘Carbon fiber surfaces and composite interphases’, Composites Science and Technology, 102, pp. 35–50. Available at: <https://doi.org/10.1016/j.compscitech.2014.07.005>.
- Soejanto, I., 2009. Desain Eksperimen dengan Metode Taguchi. Yogyakarta: Graha Ilmu.
- Thakur, A.G. et al. (2010) ‘APPLICATION OF TAGUCHI METHOD FOR RESISTANCE SPOT WELDING OF GALVANIZED STEEL’, 5(11).
- Wibowo, H. (2018) ‘PENGARUH VARIASI ARAH SERAT PADA SUSUNAN LAMINA KOMPOSIT SERAT GLASS DENGAN MATRIK POLYESTER TERHADAP SIFAT MEKANIK HASIL PENGUJIAN *BENDING*’.