

DAFTAR PUSTAKA

- Akande, S. O. (2015). Dimensional Accuracy and Surface Finish Optimization of Fused Deposition Modelling Parts Using Desirability Function Analysis. *International Journal of Engineering Research & Technology (IJERT)*, 196-202
- Alafaghani, A., Qattawi, A., Alrawi, B., & Guzman, A. (2017). Experimental Optimization of Fused Deposition Modelling Processing Parameters: A Design-For-Manufacturing Approach. *Procedia Manufacturing*, 10, 791–803.
- Aris Setiawan, A., Wiro Karuniawan, B., & Arumsari, N. (2022). Optimasi Parameter 3d Printing Terhadap Keakuratan Dimensi Dan Kekasaran Permukaan Produk Menggunakan Metode Taguchi Grey Relational Analysis. *Proceedings Conference on Design Manufacture Engineering and Its Application*, 165–168.
- Bagchi, T. (1993). Taguchi Methods Explained: Practical Steps to Robust Design. *Prentice-Hall*, 209.
- Bakar, N. S. A., Alkahari, M. R., & Boejang, H. (2010). Analysis On Fused Deposition Modelling Performance. *Journal Of Zhejiang University: Science A*, 11(12), 972–977.
- Beniak, J., Križan, P., Šooš, & Matus, M. (2019). Research On Shape and Dimensional Accuracy Of Fdm Produced Parts. *Iop Conference Series: Materials Science and Engineering*, 501(1).
- Cuevas, A., Febrero, M., & Fraiman, R. (2004). An Anova Test for Functional Data. *Computational Statistics and Data Analysis*, 47(1), 111–122.
- Dey, A., & Yodo, N. (2019). A Systematic Survey of Fdm Process Parameter Optimization And Their Influence On Part Characteristics. In *Journal of Manufacturing and Materials Processing* (Vol. 3, Issue 3). Mdpi Multidisciplinary Digital Publishing Institute.
- Ermawati, & Hartati. (2014). Aplikasi Metode Taguchi Dalam Pengendalian Kualitas Produksi. *Jurnal Teknosains*, 8(2), 185–194.
- Gibson, I., Rosen, D., & Stucker, B. (2015). Additive Manufacturing Technologies: 3d Printing, Rapid Prototyping, And Direct Digital Manufacturing, Second Edition. In *Additive Manufacturing Technologies: 3d Printing, Rapid*

Prototyping, And Direct Digital Manufacturing, Second Edition. Springer New York.

- Gomathi, K., Arangamuthalvan, K. R., Deepigkashri, S., Dharnieshwaran, C. B., Dhivya, S., & Praveen, C. (2021). Design And Fabrication of Low Cost 3d Printer. *Iop Conference Series: Materials Science and Engineering*, 1055(1), 012036.
- Hartono, Moh. (2010). Quality By Design Dengan Metode Taguchi, Konsep Dan Perkembangannya. *Jurnal Teknik Industri*, 2(2), 96–108.
- Haumahu, P. W., & Wuryandari, T. (2011). Optimalisasi Produk Dengan Menggunakan Metode Perancangan Toleransi Taguchi. *Prosiding Seminar Nasional Statistika Universitas Diponegoro*.
- Hrițuc, A., Slătineanu, L., Mihalache, A., Dodun, O., Coteață, M., & Nagîț, G. (2020). Accuracy Of Polylactide Parts Made By 3d Printing. In *Macromolecular Symposia*, 389(1).
- Hui, I., Pasquier, E., Solberg, A., Agrenius, K., Håkansson, J., & Chinga-Carrasco, G. (2023). Biocomposites Containing Poly (Lactic Acid) And Chitosan For 3d Printing – Assessment Of Mechanical, Antibacterial And In Vitro Biodegradability Properties. *Journal Of the Mechanical Behavior Of Biomedical Materials*, 147, 106136.
- Kim, S., Seong, H., Her, Y., & Chun, J. (2019). A Study of The Development And Improvement Of Fashion Products Using A Fdm Type 3d Printer. *Fashion And Textiles*, 6(1).
- Liu, Y., Liu, C., Liu, W., Ma, Y., Tang, S., Liang, C., Cai, Q., & Zhang, C. (2019). Optimization Of Parameters in Laser Powder Deposition Alsi10mg Alloy Using Taguchi Method. *Optics And Laser Technology*, 111, 470–480.
- Maulidia, P. R., Budiharti, N., & Adriantantri, E. (2020). Umkm Rubber Seal Rm Products Genuine Parts Sukun Malang. 82–91.
- Mawardi, C. (2020). *Pengantar 3d Printing*. (1 st ed). Cholid
- Montgomery, D. C. (2013). *Design and analysis of experiments*.
- Muharom, & Siswadi. (2015). Desain Eksperimen Taguchi Untuk Meningkatkan Kualitas Batu Bata Berbahan Baku Tanah Liat. *Jemis*, 3(1).

- Munprom, R., & Limtasiri, S. (2019). Optimization Of Stereolithographic 3d Printing Parameters Using Taguchi Method for Improvement In Mechanical Properties. In *Materials Today: Proceedings* (Vol. 17).
- Nancharaiah, T., Ranga Raju, D., & Ramachandra Raju, V. (2010). An experimental investigation on surface quality and dimensional accuracy of FDM components. *International Journal on Emerging Technologies*, 2, 106–111.
- Pamasaria, H. A., Saputra, T. H., Utama, A. S., & Budiyanoro, C. (2020). Optimasi Keakuratan Dimensi Produk Cetak 3d Printing Berbahan Plastik Pp Daur Ulang Dengan Menggunakan Metode Taguchi. *Jmpm (Jurnal Material Dan Proses Manufaktur)*, 4(1).
- Pasricha, A., & Greeninger, R. (2018). Exploration Of 3d Printing to Create Zero-Waste Sustainable Fashion Notions and Jewelry. *Fashion And Textiles*, 5(1).
- Prakoso, I., Sibarani, A. A., & Robbi, W. (2022). Rancang Bangun Prototipe Alat Parallette untuk Olahraga Kalistenik dengan Material Filament PLA (Polylactic Acid) Menggunakan 3DPrinter. *Jurnal Rekayasa Sistem & Industri (JRSI)*, 9(02), 71.
- Pristiansyah, & Herianto. (2018). Pengaruh Parameter 3d Printing Terhadap Transparansi Produk Yang Dihasilkan. *Seminar Nasional Inovasi Teknologi*.
- Riza, E. I., Budiyanoro, C., Nugroho, A. W., Iqbal Riza, E., Budiyanoro, C., & Widyo Nugroho, A. (2020). Peningkatan Kekuatan Lentur Produk 3d Printing Material Petg Dengan Optimasi Parameter Proses Menggunakan Metode Taguchi. *Jurnal Media Mesin: Majalah Teknik Mesin*, Vol.20, (No.2), 66-75.
- Ronald E. Walpole, Raymond H. Myers, Sharon L. Myers, & Keying E. (2012). Probability And Statistics for Engineers And Scientists (9th Edition) By Ronald E. Walpole, Raymond H. Myers, Sharon L. Myers, Keying E. Ye (Z-Lib.Org).
- Rusianto, T., Huda, S., Hary Wibowo, Dan, Kalisahak No, J., & Balapan Yogyakarta, K. (2019). A Riview: Jenis Dan Pencetakan 3d (3d Printing) Untuk Pembuatan Prototipe. *Jurnal Teknologi, Volume 12*(Nomor 1), 14–21.
- Serohi, A. (2021). Impact of 3-D Printing Technology in Manufacturing Supply Lines to Improve Resilience During Black Swan Events. *Int. J Sup. Chain. Mgt*, 10(3).

- Setyanto, Nasir Widha dan Rio Prasetyo Lukodono. 2017. Teori dan Aplikasi Desain Eksperimen Taguchi. Malang: UB Press
- Shahrubudin, N., Lee, T. C., & Ramlan, R. (2019). An Overview On 3d Printing Technology: Technological, Materials, And Applications. *Procedia Manufacturing*, 35, 1286–1296.
- Sood, A. K., Ohdar, R. K., & Mahapatra, S. S. (2009). Improving Dimensional Accuracy Of Fused Deposition Modelling Processed Part Using Grey Taguchi Method. *Materials And Design*, 30(10), 4243–4252.
- Sumalatha, M., Malleswara Rao, J. N., & Supraja Reddy, B. (2021). Optimization Of Process Parameters In 3d Printing-Fused Deposition Modeling Using Taguchi Method. *Iop Conference Series: Materials Science And Engineering*, 1112(1), 012009.
- Telaumbanua, A., Siregar, K., & Sinaga, T. S. (2013). Analisis Pengendalian Kualitas Dengan Pendekatan Metode Taguchi Pada Pt Asahan Crumb Rubber. In *Jurnal Teknik Industri Ft Usu* (Vol. 3, Issue 5).
- Tontowi, Ramdani, Erdizon, & Baroroh. (2017). Optimization Of 3d-Printer Process Parameters for Improving Quality of Polylactic Acid Printed Part. *International Journal of Engineering and Technology*, 9(2), 589–600.
- Wahjudi, D., Shu San, G., & Pramono, Y. (2001). Optimasi Proses Injeksi Dengan Metode Taguchi. In *Fakultas Teknologi Industri* (Vol. 3, Issue 1).
- Widiatmoko, J. A. (2023). 3d Printing Untuk Usaha Mikro Dalam Perspektif 5m. *Mustek Anim*, 12(1), 1–14.
- Wu, J. (2018). Study on optimization of 3D printing parameters. *IOP Conference Series: Materials Science and Engineering*, 392(6).