

DAFTAR PUSTAKA

- Abdillah, H., Nurtanto, M., Prasetyo, A., Puspito, J., & Ikhsanudin. (2023). Optimization of DLP 3D printing parameters on casting pattern manufacturing process. *Jurnal*, 2671. <https://doi.org/10.1063/5.0114300>
- Anggrawan, A. (2019). Analisis Deskriptif Hasil Belajar Pembelajaran Tatap Muka dan Pembelajaran Online Menurut Gaya Belajar Mahasiswa. *MATRIK : Jurnal Manajemen, Teknik Informatika Dan Rekayasa Komputer*, 18(2), 339–346. <https://doi.org/10.30812/matrik.v18i2.411>
- Bondareva, J. V., Chernodubov, D. A., Dubinin, O. N., Tikhonov, A. A., Simonov, A. P., Suetin, N. V., Tarkhov, M. A., Popov, Z. I., Kvashnin, D. G., Evlashin, S. A., & Safonov, A. A. (2023). Thermal and Electrical Properties of Additively Manufactured Polymer–Boron Nitride Composite. *Article*, 15(5), 1–14. <https://doi.org/10.3390/polym15051214>
- Budi, A., Yusron, W. Z., & Muslim, M. (2024). Akurasi Dimensi Komponen Multi-material Hasil Manufaktur Digital Light Processing (DLP) 3D Printing. *Journal of Mechanical Engineering*, 1(1), 60–66. <https://doi.org/10.47134/jme.v1i1.2191>
- Dimensi, A., & Hasil, K. M. (2024). Akurasi Dimensi Komponen Multi-material Hasil. *Journal*, 1, 60–66. <https://doi.org/https://10.47134/jme.v1i1.2191>
- Editor, S. A., & Nagar, G. (2016). Percetakan 3D : Masa Depan. *Jurnal Akademi Kedokteran Gigi*, 109–110.
- Farkas, A. Z., Galatanu, S., & Nagib, R. (2023). Pengaruh Ketebalan Lapisan Pencetakan dan Orientasi terhadap Sifat Mekanik Resin Gigi yang Dicitak 3D dengan DLP. *Artikel*.
- Farkas, A. Z., Galatanu, S., Nagib, R., Mekatronika, D., Timisoara, U. P., & Blvd, M. V. (2023). Pengaruh Ketebalan Lapisan Pencetakan dan Orientasi terhadap Sifat Mekanik Resin Gigi yang Dicitak 3D dengan DLP. *Artikel*.
- Febrian, R., Tanoto, Y. Y., Filbert, V., & Adriel, N. (2022). Optimasi Multirespon Pada Proses 3D Printing Material Pla Dengan Metode Taguchi Grey. *Jurnal Rekayasa Mesin*, 13(2), 577–588. <https://doi.org/10.21776/jrm.v13i2.1113>

- FOMU KARYA BERSAMA. (2024). PT FOMU KARYA BERSAMA.
<https://fomu.co.id/apa-itu-resin/>
- Gibson, I., Rosen, D., & Stucker, B. (2015). (BOOK) *Directed Energy Deposition Processes. In: Additive Manufacturing Technologies*. 2015.
<https://doi.org/10.1007/978-1-4939-2113-3>
- Girmay, A. (2017). Optimization of Process Parameter for. *Journal, June*, 19–22.
- Hata, K., Ikeda, H., Nagamatsu, Y., Masaki, C., Hosokawa, R., & Shimizu, H. (2021). Development of Dental Poly(methyl methacrylate)-Based Resin for Stereolithography Additive Manufacturing. *Article*, 13(24), 1–16.
<https://doi.org/10.3390/polym13244435>
- Hossain, M. I., Khan, M. S., Khan, I. K., Hossain, K. R., He, Y., & Wang, X. (2024). Technology of Additive Manufacturing: a Comprehensive Review. *Kufa Journal of Engineering*, 15(1), 108–146.
<https://doi.org/10.30572/2018/kje/150108>
- Ibrahim, A., Sa'ude, N., & Ibrahim, M. (2017). 9. Optimization of Process Parameter for Digital Light Processing (Dlp) 3D Printing. *International Journal of Mechanical And Production Engineering*, 5, 2320–2092.
<http://iraj.in>
- Kavimani, V., Gopal, P. M., Murugesan, K., & Arunkumar, K. (2025). Integrating machine learning with photopolymerization additive manufacturing: enhancing PLA mechanical properties. *Journal*, 8(5), 1–15.
<https://doi.org/10.1007/s41939-025-00829-9>
- Latif, H. A., Rosid, I. A., Dewi, G. S., & Jatiningsih, M. G. D. (2024). Optimasi Multi Parameter Mesin 3D Printer Fdm Untuk Material Thermoplastic Polyurethane Guna Menghasilkan Error Dimensi Terkecil Menggunakan Metode 2K Factorial Design. *Jurnal Ilmiah Teknik Industri*, 12(1), 41–49.
<https://doi.org/10.24912/jitiuntar.v12i1.27105>
- Luo, Z., Zhang, H., Chen, R., Li, H., Cheng, F., Zhang, L., Liu, J., Kong, T., Zhang, Y., & Wang, H. (2023). Digital light processing 3D printing for micro fluidic chips with enhanced resolution via dosing- and zoning-controlled vat photopolymerization. *Article*, 1–24. <https://doi.org/10.1038/s41378-023->

00542-y

- Mantgomery, D. C. (2012). Design and Analysis of Experiments. In *Design and Analysis of Experiments* (Vol. 3, Issue June). <https://doi.org/10.1002/9781118147634>
- McCue. (2018). *Wohlers Report 2018: 3D Printer Industry Tops \$7 Billion*. Forbes. <https://www.forbes.com/sites/tjmccue/2018/06/04/wohlers-report-2018-3d-printer-industry-rises-21-percent-to-over-7-billion/>
- Miao, Y., Zhang, X., Si, H., Song, X., Hui, Z., Wang, M., & Han, B. (2025a). Optimization of DLP 3D printing parameters via the Taguchi method for improvement in dimensional and geometric accuracy. *Rapid Prototyping Journal, February*. <https://doi.org/10.1108/RPJ-09-2024-0400>
- Miao, Y., Zhang, X., Si, H., Song, X., Hui, Z., Wang, M., & Han, B. (2025b). Optimization of DLP 3D printing parameters via the Taguchi method for improvement in dimensional and geometric accuracy. *Rapid Prototyping Journal, September 2024*. <https://doi.org/10.1108/RPJ-09-2024-0400>
- Montgomery. (2017). Design and Analysis of Experiments, John Wiley & Sons. In *Mycolological Research* (Vol. 106, Issue 11).
- Naji, A., Kashi, J., Behroozibakhsh, J., Hajizamani, J., & Behroozibakhsh, M. (2018). Recent Advances and Future Perspectives for Reinforcement of Poly(methyl methacrylate) Denture Base Materials: A Literature Review Advances and Future Perspectives for Reinforcement of Poly(methyl methacrylate) Denture Base Materials: A Literature Review. *Journal of Dental Biomaterials*, 5(1), 490–502.
- Prabhakaran, R., Pitchipoo, P., Rajakarunakaran, S., & Venkatesh, R. (2024). Experimental investigation and optimization of process parameters on digital light processing (DLP) 3D printing process based on Taguchi-grey relational analysis. *Article*, 238(4), 1884–1893. <https://doi.org/10.1177/09544089241236267>
- Punset, M., Brizuela, A., Pérez-Pevida, E., Herrero-Climent, M., Manero, J. M., & Gil, J. (2022). Mechanical Characterization of Dental Prostheses Manufactured with PMMA–Graphene Composites. *Jurnal Materials*, 15(15).

<https://doi.org/10.3390/ma15155391>

- Putra, D. P., Yanis, R. M., Amrillah, D. S., & Basri, N. H. (2021). Optimasi Parameter Proses Produksi Desain Printer 3D Tipe DLP untuk Kekasaran Produk Nilai. *Atlantis Press*, 7, 179–183.
- ragheb, nourhan, & Ibrahim, W. (2021). Biting Force and chewing efficiency of Conventional and CAD/CAM complete dentures. A Cross-over Study. *Egyptian Dental Journal*, 67(4), 3323–3335. <https://doi.org/10.21608/edj.2021.77671.1648>
- Rahmawati, D., & Setiawan, I. (2018). Peta Perilaku Ramah Lingkungan Petani Padi Di Desa Pasawahan Kecamatan Pasawahan Kabupaten Purwakarta. *Jurnal Ilmiah Mahasiswa AGROINFO GALUH*, 4(3), 946–960.
- Ronca, A., Maiullari, F., Milan, M., Pace, V., Gloria, A., Rizzi, R., De Santis, R., & Ambrosio, L. (2017). Surface functionalization of acrylic based photocrosslinkable resin for 3D printing applications. *Bioactive Materials*, 2(3), 131–137. <https://doi.org/10.1016/j.bioactmat.2017.04.002>
- Sandi, A., Mahardika, M., Cahyono, S. I., Salim, U. A., Pratama, J., & Arifvianto, B. (2022a). Pengaruh variasi parameter cetak dan post process terhadap tingkat kekerasan spesimen hasil cetak tiga dimensi berbasis stereolithography (SLA). *Conference SENATIK STT Adisutjipto Yogyakarta*, 7, 33–46. <https://doi.org/10.28989/senatik.v7i0.454>
- Sandi, A., Mahardika, M., Cahyono, S. I., Salim, U. A., Pratama, J., & Arifvianto, B. (2022b). Pengaruh variasi parameter cetak dan post process terhadap tingkat kekerasan spesimen hasil cetak tiga dimensi berbasis stereolithography (SLA). *Jurnal*, 7, 33–46. <https://doi.org/10.28989/senatik.v7i0.454>
- Sarabia, L. A., Ortiz, M. C., & Sánchez, M. S. (2020). 1.12 - Response Surface Methodology. *Comprehensive Chemometrics: Chemical and Biochemical Data Analysis, Second Edition: Four Volume Set, 1*, 287–326. <https://doi.org/10.1016/B978-0-12-409547-2.14756-0>
- Seprianto, D., Hidayat, N., Wilza, R., Mesin, T., Sriwijaya, P. N., Program, M., Teknik, S., Produksi, M., & Sriwijaya, P. N. (2021). PENYIMPANGAN DIMENSI PROSES PRODUKSI GIGI DENGAN MENGGUNAKAN

- TEKNOLOGI DLP (PENGOLAHAN CAHAYA DIGITAL) Pengerjaan penelitian. *Austenit*, 13(1), 13–17.
- Seprianto, D., Sugiantoro, R., Siproni, Yahya, & Erwin, M. (2020). The Effect of Rectangular Parallel Key Manufacturing Process Parameters Made with Stereolithography DLP 3D Printer Technology Against Impact Strength. *Journal of Physics: Conference Series*, 1500(1), 0–7. <https://doi.org/10.1088/1742-6596/1500/1/012028>
- Seprianto, D., Zamheri, A., Sani, A. A., & Mahendra, N. Y. (2021). Pengaruh Parameter Proses Terhadap Dimensi Casing Gear Dengan Produksi Menggunakan Teknologi 3D Printer Dlp (Digital Light Process). *Jurnal Poli-Teknologi*, 20(2). <https://doi.org/10.32722/pt.v20i2.3614>
- Sukiman, B., Junaidy, I., Karim, A., & Mukhlis, M. (2021). Analisis Pengaruh Internal Geometri Terhadap Properti Mekanik Material Dental Resin Menggunakan SLA 3D Printer Tipe Anycubic. *Jurnal Teknik Mesinunkhair*, 6, 34–38.
- Syaeful Arief. (2023). Minimasi Error Pada Mesin 3D Printer Dengan Parameter Mesin. *Jurnal*, 8(1), 269–282. <https://doi.org/10.36805/bi.v8i1.6022>
- Syaifudin, A., Effendi, M. K., Pramono, A. S., Kaelani, Y., Ariatedja, J. B., Harnany, D., & Yohanes, Y. (2022). Analisis Efektivitas Pelatihan Singkat 3D Modelling, 3D Scanning dan 3D Printing pada Siswa SMA. *Jurnal*, 6(5). <https://doi.org/10.12962/j26139960.v6i5.283>
- Ummah, M. S. (2019). 3D printing pada material PLA guna meningkatkan performa. *Sustainability (Switzerland)*, 11(1), 1–14. http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484_SISTEM_PEMBETUNGAN_TERPUSAT_STRATEGI_MELESTARI
- Wajdi, F., & Saad, M. S. (2023). Optimizing Surface Finish and Dimensional Accuracy in 3D Printed Free-Form Objects. *Jurnal Optimasi Sistem Industri*, 22(2), 99–113. <https://doi.org/10.25077/josi.v22.n2.p99-113.2023>
- Zafar, M. S. (2020). Prosthodontic applications of polymethyl methacrylate

(PMMA): An update. *Jurnal*, 12(10), 1–35.
<https://doi.org/10.3390/polym12102299>

Zamheri, A., Seprianto, D., Carlos, R., Indri, A., & Persada, T. (2021). The Effect of Parameter Process 3D Printer Technology Digital Light Processing to Geometric of Shaft. *Atlantis Press*, 7, 238–243.
<https://doi.org/10.2991/ahe.k.210205.043>

Zoltan, A., Galatanu, S., & Nagib, R. (2023). Pengaruh Ketebalan Lapisan Pencetakan dan Orientasi terhadap Sifat Mekanik Resin Gigi yang Dicetak 3D dengan DLP. *Artikel*.

PERPUSTAKAAN
UNIVERSITAS JENDERAL ACHMAD YANU
YOGYAKARTA