DAFTAR PUSTAKA

- D. Bhaskar, K. Ravikiran, and S. Venkatesh, "Role of rapid prototyping in advanced manufacturing system," *Comput. Prod. Eng.*, no. June, pp. 259– 266, 2001.
- [2] N. Shahrubudin, T. C. Lee, and R. Ramlan, "An overview on 3D printing technology: Technological, materials, and applications," *Procedia Manuf.*, vol. 35, pp. 1286–1296, 2019, doi: 10.1016/j.promfg.2019.06.089.
- [3] R. Noorani, M. Lynch, P. Hodgkiss, M. Fumo, and C. Burke, "Design and Manufacturing of a 3D Printer for Teaching and Research," *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 652, no. 1, pp. 1–7, 2019, doi: 10.1088/1757-899X/652/1/012058.
- [4] J. Shah, B. Snider, T. Clarke, S. Kozutsky, M. Lacki, and A. Hosseini, "Large-scale 3D printers for additive manufacturing : design considerations and challenges," 2019.
- [5] D. Pranzo, "Extrusion-Based 3D Printing of Microfluidic Devices for Chemical and Extrusion-Based 3D Printing of Microfluidic Devices for Chemical and Biomedical Applications : A Topical Review," no. July, 2018, doi: 10.3390/mi9080374.
- [6] T. D. Ngo, A. Kashani, G. Imbalzano, K. T. Q. Nguyen, and D. Hui,
 "Additive manufacturing (3D printing): A review of materials, methods, applications and challenges," *Compos. Part B*, vol. 143, no. December 2017, pp. 172–196, 2018, doi: 10.1016/j.compositesb.2018.02.012.
- [7] F. Fina, S. Gaisford, and A. W. Basit, "Powder bed fusion: The working process, current applications and opportunities," *AAPS Adv. Pharm. Sci. Ser.*, vol. 31, pp. 81–105, 2018, doi: 10.1007/978-3-319-90755-0_5.
- [8] P. Dudek, "Agh university of science and technology, faculty of mechanical engineering and robotics, al. a. mickiewicza 30, 30-059 kraków, poland," 2013, doi: 10.2478/amm-2013-0186.
- [9] F. Baldassarre and F. Ricciardi, "The Additive Manufacturing in the Industry 4 . 0 Era : The Case of an Italian FabLab," vol. I, no. 1, pp. 105– 115, 2017.
- [10] A. Thesis, "Extrusion Based Ceramic 3D Printing Printer Development, Part Characterization, and Model-Based Systems Engineering Analysis," no. December, 2020.
- [11] R. B. Kristiawan, F. Imaduddin, D. Ariawan, Ubaidillah, and Z. Arifin, "A review on the fused deposition modeling (FDM) 3D printing: Filament processing, materials, and printing parameters," *Open Eng.*, vol. 11, no. 1, pp. 639–649, 2021, doi: 10.1515/eng-2021-0063.
- [12] S. Farah, D. G. Anderson, and R. Langer, "Physical and mechanical properties of PLA, and their functions in widespread applications A

comprehensive review," *Advanced Drug Delivery Reviews*, vol. 107. Elsevier B.V., pp. 367–392, Dec. 15, 2016, doi: 10.1016/j.addr.2016.06.012.

[13] J. Claver and A. Mar, "The Influence of Manufacturing Parameters on the Mechanical Behaviour of PLA and ABS Pieces Manufactured by FDM : A Comparative Analysis," 2018, doi: 10.3390/ma11081333.

