

## DAFTAR PUSTAKA

- A.M. T. Syed, P. K. Elias, B. Amit, B. Susmita, O. Lisa, & C. Charitidis, 2017. "Additive manufacturing: scientific and technological challenges, market uptake and opportunities," *Materials today*, Vol. 1, pp. 1-16.
- Afoakwa, E. O. 2016. *Chocolate science and technology*. John Wiley & Sons.
- Ahn, Sunha, Malik, Sharad. 2014. Automated firmware testing using firmware-hardware interaction patterns. *In 2014 International Conference on Hardware/Software Codesign and System Synthesis (CODES+ISSS)*. IEEE
- D.J. Horst, C.A. Duvoisin, & R.A. Viera, "Additive manufacturing at Industry 4.0: a review," *International Journal of Engineering and Technical Research*, Vol. 8, No.8, pp. 1-8, 2018.
- D. P. Rocha, Renata B.A. Albuquerque, Guilherme P. Oliveira, Rafael M. Cardoso, Felipe S. Semaan, Rafael M. Dornellas, Eduardo M. Richter, Rodrigo Alejandro Abarza Muñoz, 2023. "Sensing Materials: Electrochemical Sensors Enabled by 3D Printing," *Encyclopedia of Sensors and Biosensors (First Edition)*, Elsevier, Pages 73-88, ISBN 9780128225493,
- Nugroho, Daniel. 2022. Rancang Bangun Alat Pemanas Induksi Pada Mesin 3D Printer Cokelat (*Undergraduate thesis*, Universitas Gadjah Mada)
- H. J. Van, "Additive manufacturing of shape memory alloy," *Shape memory and superelasticity*, Vol. 4, No. 2, pp. 309-312, 2018.
- Hobbs, Cheryl A., Saigo, Kazuhiko, Koyanagi Mihoko, and Hayashi, Shim-mo. 2017. Magnesium stearate, a widely-used food additive, exhibits a lack of in vitro and in vivo genotoxic potential. *Toxicol Rep*. doi: 10.1016/j.toxrep.2017.10.003. PMID: 29090120; PMCID: PMC5655391.
- Isyanti, Mirna, 2015, "Penggunaan Berbagai Cocoa Butter Substitute (CBS) Hasil Hidrogenasi dalam Pembuatan Cokelat Batangan", Balai Besar Industri Agro.
- Jia, Fu, et al., 2016, "Investigating the feasibility of supply chain-centric business models in 3D chocolate printing: A simulation study", *Technological Forecasting and Social Change* 102: 202-213.



- L. E. Murr, "Frontiers of 3D Printing/Additive Manufacturing: from Human Organs to Aircraft Fabrication," *Journal of Materials Sciences and Technology*, Vol. 3, No. 10, pp. 987-995, 20
- L. Jian-Yuan, A. Jia, & K. C. Chee, 2017. "Fundamentals and applications of 3D printing for novel materials," *Applied materials today*, Vol 7, pp. 120-133
- L. Ze-Xian, T.C. Yen, M. R. Ray, D. Mattia, I.S. Metcalfe, & D. A. Patterson, 2016. "Perspective on 3D printing of separation membranes and comparison to related unconventional fabrication techniques," *Journal of Membrane Science*, Vol 523, No.1, pp. 596-613.
- Liu, Z., Zhang, M., Bhandari, B., & Wang, Y. 2017. 3D printing: Printing precision and application in food sector. *Trends in Food Science & Technology*, 69, 83-94.
- Loughborough University. *The 7 Category of Additive Manufacturing*. Diakses pada 26 Februari 2023 dari <https://www.lboro.ac.uk/research/amrg/about/the7categoriesofadditivemanufacturing/>
- M. A. Caminero, J. M. Chacon, I. Garcia-Moreno, & G. P. Rodriguez, 2018. "Impact damage resistance of 3D printed continuous fibre reinforced thermoplastic composites using fused deposition modelling," *Composite Part B: Engineering*, Vol. 148, pp. 93-103.
- Mantihal, S., Prakash, S., Godoi, F. C., & Bhandari, B. (2019). Effect of additives on thermal, rheological and tribological properties of 3D printed dark chocolate. *Food Research International*, 119, 161-169.
- Marlin, 2023. "Marlin Firmware", Diakses pada 26 Februari 2023 dari <https://marlinfw.org>
- Musthofa, Muhammad. 2021. Pengaruh Variasi Temperatur Pada Dimensi Hasil Cetak Benda Menggunakan Mesin 3D printer Cokelat. (*Undergraduate thesis*, Universitas Gadjah Mada).
- Nasrullah. 2012. Perancangan Alat Peleleh Cokelat Batangan Untuk Industri Rumah Tangga. *Jurnal Teknik Mesin Politeknik Negeri Padang*. ISSN 1829-8958.



- R. A. Bilodeau, Dr. M. C. Yuen, Prof. R. Kramer-Bottiglio. 2019. Addressable, Stretchable Heating Silicone Sheets. WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim
- Rashid, A.A, W. Ahmed, M.Y Khalid, M. Koç, 2021. "Vat photopolymerization of polymers and polymer composites: Processes and applications, Additive Manufacturing", Volume 47, 2021, 102279, ISSN 2214-8604
- Rando, Pietro, Ramaioli, Marco. 2021. Food 3D printing: Effect of heat transfer on print stability of chocolate. Journal of Food Engineering, Vol. 294, 110415.
- S.L. Sing, C.F. Tey, J.H.K. Tan, S. Huang, Wai Yee Yeong, 2020. "2 - 3D printing of metals in rapid prototyping of biomaterials: Techniques in additive manufacturing," In Woodhead Publishing Series in Biomaterials, Rapid Prototyping of Biomaterials (Second Edition), Woodhead Publishing, Pages 17-40, ISBN 9780081026632
- Saptadi, Arief Hendra. "Perbandingan Akurasi Pengukuran Suhu dan Kelembaban Antara Sensor DHT11 dan DHT22", Jurnal Infotel Vol. 6 No. 2 November 2014.
- Shahrubudin, N., Lee, T. C., & Ramlan, R. An overview on 3D printing technology: Technological, materials, and applications. *Procedia Manufacturing*, 35, 1286-1296.
- The Columbian, 2014, "Chocolate compound may restore age-related memory loss", Diakses pada 26 Februari 2023 dari <https://www.columbian.com/news/2014/nov/03/chocolate-compound-restores-age-related-memory-los/>
- W. Haoa, Y. Liua, H. Zhouc, H. Chenb, T D. Fangb, 2018. "Preparation and characterization of 3D printed continuous carbon fiber reinforced thermosetting composite.", *Polymer Testing*, Vol. 65, pp. 29–34.
- Z. Low, Y.T. Chua, B.M. Ray, D. Mattia, I.S. Metcalfe, & D.A. Patterson, 2017. "Perspective on 3D printing of separation membranes and comparison to related unconventional fabrication techniques," *Journal of Membrane Science*, Vol. 523, No.1, pp. 596-613.