

REFERENCES

- [1] M. P. Groover, *Fundamentals of Modern Manufacturing*, 4th ed. Lehigh, USA: John Wiley & Sons, Inc, 2010.
- [2] “Mesin Bubut CNC vs Mesin Bubut Konvensional,” 2014. [Online]. Available: <http://www.trendmesin.com/2014/03/mesin-bubut-cnc-kelebihan.html?m=1>. [Accessed: 11-Sep-2019].
- [3] F. Ridwan, X. Xu, F. Churn, and L. Ho, “Adaptive execution of an NC program with feed rate optimization,” *Int. J. Adv. Manuf. Technol.*, 2012.
- [4] P. S. Koradiya, A. H. Kania, H. S. Vankhede, P. A. Patel, and C. K. Desai, “Conversion of a Conventional Bench Lathe to CNC Machine,” *Int. J. Eng. Tech. Res.*, vol. 0869, no. 12, pp. 19–23, 2018.
- [5] M. Popovic, L. Tanovic, and K. F. Ehmann, “Cutting Forces Prediction : the Experimental Identification of Orthogonal Cutting Coefficients,” *FME Univ. Belgrade*, vol. 45, no. 4, pp. 459–467, 2017.
- [6] C. J. Rao, D. N. Rao, and P. Srihari, “Influence of cutting parameters on cutting force and surface finish in turning operation,” *Procedia Eng.*, vol. 64, pp. 1405–1415, 2013.
- [7] A. K. Rakhit, T. S. Sankar, and M. Osman, “The Influence of Metal Cutting Forces on The Formation of Surface Texture,” *Int. J. Mach. Tool Des Res*, vol. 16, pp. 281–292, 1976.
- [8] B. Tulasiramarao, K. Srinivas, P. R. Reddy, A. Raveendra, and B. V. R. R. Kumar, “Finding Cutting Forces While Turning Aperation on Lathe Machine at Different Depth of Cut of Different Metals,” *Int. J. Innov. Res. Sci. Eng. Technol.*, vol. 3, no. 10, pp. 16866–16872, 2014.
- [9] N. Ch, M. V Varalakshmi, and A. Raveendra, “Measurement of Cutting Forces While Turning Different Materials by Using Lathe Tool Dynamometer with Different Cutting,” *Int. J. Innov. Res. Sci. Eng. Technol.*, vol. 4, no. 7, pp. 6070–6077, 2015.
- [10] T. Y. Kim and J. Kim, “Adaptive Cutting Force Control for A Machining

- Center by Using Indirect Cutting Force Measurement,” *Int. J. Mach. Tools Manuf.*, vol. 36, no. 8, pp. 925–937, 1996.
- [11] M. Z. R. Fernandez, R. L. A. Malabanan, M. J. M. Pizon, J. M. Serrano, R. L. G. Visaya, and R. B. Caldo, “Design and Development of Fuzzy Logic Algorithm with Varying Setpoints for Fan Speed Control System Using Arduino Microcontroller,” *LPU-Laguna J. Eng. Comput. Comput. Stud.*, vol. 3, no. 1, pp. 70–84, 2015.
- [12] M. B. Ajar *et al.*, *Modul Bahan Ajar Proses Pemesinan*, no. Prodi Teknik Mesin Fakultas Teknik Universitas Udayana. Bali: Prodi Teknik Mesin Fakultas Teknik Universitas Udayana, 2017.
- [13] F. Kurniawan, “Study Tentang Cutting Force Mesin Bubut (Desain Dynamometer Sederhana) Jurusan Teknik Mesin Fakultas Teknik Universitas Muhammadiyah Surakarta,” 2008.
- [14] T. Rochim, *Teori dan Teknologi Proses Pemesinan*. Bandung: Institut Teknologi Bandung, 1993.
- [15] A. Hidayat, “Pengujian Laju Keausan Pahat Hss End Mill Dengan Mempergunakan Prototype Alat Pengontrolan Penyemprotan Cairan Pendingin Berbasis Arduino Uno,” Universitas Andalas, 2018.
- [16] R. Munir, *Pengantar Logika Fuzzy*. Bandung: Teknik Informatika STEI-ITB, 2007.
- [17] H. Sri Kusuma Dewi dan Purnomo, “Aplikasi Logika Fuzzy,” 2006.
- [18] P. T. Karya, “Aplikasi Logika Fuzzy Untuk Pendukung Keputusan,” vol. doi: 10.10, 2012.