

DAFTAR PUSTAKA

- Araújo, C.A.O. de *et al.* (2022) “Use of Ansys Workbench Computational Tool Applied to Teaching in Engineering Course,” *International Journal of Geoscience, Engineering and Technology*, 5(1), pp. 11–15.
- Bhawe, A.K. *et al.* (2022) “Static structural analysis of the effect of change in femoral head sizes used in Total Hip Arthroplasty using finite element method,” *Cogent Engineering*, 9(1).
- Chunkawan, Y.B. and Subramaniyam, R.S. (2017) “Static Structural Analysis Of Crane Hook,” pp. 2265–2274.
- Dika, J.W., Suwito, A. and Sunardi, S. (2022) “T r a n s m i s i,” 18.
- Dipu, M.N.H., Apu, M.H. and Chowdhury, P.P. (2024) “Identification of the effective crane *hook*’s cross-section by incorporating finite element method and programming language,” *Heliyon*, 10(9),
- DUMITRIU, D., IONESCU, M. and RUGINA, C. (2023) “Hook crane shape design improvement for reducing the maximum stress,” *Romanian Journal of Technical Sciences - Applied Mechanics*, 68(1), pp. 21–44.
- Harahap, A. (2020) “Simulasi Pembebanan Pada Shackle Menggunakan Perangkat Lunak Ansys APDL 15.0,” *Journal of Mechanical Engineering Manufactures Materials and Energy*, 4(1), pp. 74–84.
- Isworo, H. and Ansyah, P.R. (2018) “Buku Ajar Metode Elemen Hingga,” p. 68.
- Krishnaveni, M.N. V, Reddy, M.A. and Rajaroy, M. (2015) “Static Analysis of Crane Hook with T-Section Using Ansys,” 25(1), pp. 53–58.
- Lihardo Nicholasta, K., Kurdi, O. and Satrijo, D. (2023) “Analisa Tegangan Pada Bejana Tekan Berskala Industri Menggunakan Metode Elemen Hingga,” *Jurnal Teknik Mesin S-I*, 11(2), pp. 123–124.

- Manee-ngam, A. and Fournier, J. (2017) "ScienceDirect ScienceDirect *Hook Design Loading by The Optimization Method Hook Loading by The Method With Weighted Factors Rating Method The Design on Optimization With Weighted Factors Rating Method Assessing the feasibility of using the heat temperature function district heat demand forecast,*" *Energy Procedia*, 138, pp. 337–342.
- Sunil, B. *et al.* (2017) "Numerical Simulation of Dry Reciprocating Wear Loss Characteristics of Al 6061 Alloy," *International Journal of Engineering and Advanced Technology*, 6(4), pp. 241–246.
- Susastro, S. *et al.* (2021) "Optimasi Desain Paddock Stand Sebagai Sistem Statis Dengan Menggunakan Finite Element Method," *JRST (Jurnal Riset Sains dan Teknologi)*, 5(1), p. 9.
- Yadav, A.K., Sidar, P. and Biswas, B. (2023) "Parametric Finite Element Analysis of Crane *Hook* Using ANSYS," 10(6), pp. 676–681.
- Yongkimandalan, N. (2020) "Komparasi dua model kait AL 6061 T6 dengan eksperimental fotoelastisitas dua dimensi tembus cahaya.," *Jurnal Teknik Mesin*, 9(1), p. 33.
- Zelege, Z. (2023) "Design and Failure Stress Analysis of Crane *Hook* by Using Mesh Sensitivity Analysis Approach on Finite Element Method."
- Mylsamy, S. (2023) "Fatigue failure prediction through factor of safety and stress concentration in a malfunctioned AISI 4140 automotive crankshaft," 10, pp. 1–15.
- Sunil, B. *et al.* (2017) "Numerical Simulation of Dry Reciprocating Wear Loss Characteristics of Al 6061 Alloy," *International Journal of Engineering and Advanced Technology*, 6(4), pp. 241–246.
- Hružík, L., *et al.* (2024). *Modern Design of Carrier for Overhead Conveyor. Applied Sciences*, 14(12), 5352.
- Characteristics of Al 6061 Alloy," *International Journal of Engineering and Advanced Technology*, 6(4), pp. 241–246.

Budynas, R. G., & Nisbett, J. K. (2020). *Shigley's Mechanical Engineering Design* (11th ed.). McGraw-Hill Education.

ANSYS, Inc. (2026). *ANSYS Mechanical User's Guide (Release 2026 R1)*. ANSYS, Inc.

Bendsøe, M. P., & Sigmund, O. (2003). *Topology optimization: Theory, Methods, and Applications*. Springer