

DAFTAR PUSTAKA

- Arun, G. V., Kishore Kumar, K., & Velmurugan, S. (2021). Structural Analysis of Chassis using AISI 4130 and AA 7068. *IOP Conference Series: Materials Science and Engineering*, 1059(1). <https://doi.org/10.1088/1757-899X/1059/1/012034>
- Barnard, R. H. (2009). *Road vehicle aerodynamic design: an introduction* (3rd ed). MechAero.
- Budynas, R. G., & Keith Nisbett, J. (2015). *Shigley's Mechanical Engineering Design 10th Edition*.
- Callister William D, & Rethwisch David G. (2020). *Fundamentals of Materials Science and Engineering an Integrated Approach* (5th ed.).
- Chun Ren, & Xiang Guo. (2022). The lightweight design for the frame structure of FSEC. *Jurnal of Physics: Conference Series*, 1–7. <https://doi.org/10.1088/1742-6596/2390/1/012041>
- Gere, J. M., & Goodno, B. J. (2013). *MECHANICS OF MATERIALS EIGHTH EDITION*.
- Gunawan, I. D., Haryanto, I., & Haryadi, G. D. (2021). ANALISIS STRUKTUR CHASSIS SEMI-MONOCOQUE BUS LISTRIK MEDIUM DENGAN METODE ELEMEN HINGGA. In *Jurnal Teknik Mesin S-1* (Vol. 9, Number 2).
- Hucho, W.-Heinrich. (1987). *Aerodynamics of Road Vehicles From Fluid Mechanics to Vehicle Engineering* (1st ed.). Butterworth-Heinemann.
- Kusuma, I., Ruliyanta, Kusumoputro, R. A. S., & Iswadi, A. (2025). Electric Vehicle Review: BEV, PHEV, HEV, or FCEV? *Jurnal Konversi Energi Dan Manufaktur*, 70–83. <https://doi.org/10.21009/jkem.10.1.8>
- Lei Yang, & Qiang Li. (2017). Loads Analysis and Optimization of FSAE Race Car Frame. *SAE Technical Paper*, 1–11. <https://doi.org/10.4271/2017-01-0423>
- Liu, Y., Liu, C., Gao, X., & Tan, J. (2025). Multiphysics Finite Element Analysis

- and Optimization of Load-Bearing Frame for Pure Electric SUVs. *Symmetry*, 17(7). <https://doi.org/10.3390/sym17071143>
- Nag, P. K., Pal, S., Kotadiya, S. M., Nag, A., & Gosai, K. (2008). Human-seat Interface Analysis of Upper and Lower Body Weight Distribution. *International Journal of Industrial Ergonomics*, 38(5–6), 539–545. <https://doi.org/10.1016/j.ergon.2007.10.024>
- Nani Mulyaningsih, Wahyuchandra, R., & Sri, H. (2023). Analisis Variasi Desain Rangka Sepeda Motor Listrik Terhadap Kekuatan Rangka dengan Ansys Workbench. *Jurnal Rekayasa Material, Manufaktur Dan Energi*, 6(1). <https://doi.org/10.30596/rmme.v6i1.12680>
- P Baskara Sethupathi, Chandradass, J., Sharma, A., Baliga, A. B., & Sharma, S. (2018). Design and Optimization of FSAE Chassis Using. *IOP Conference Series: Materials Science and Engineering*, 402. <https://doi.org/10.1088/175-899X/402/1/012184>
- Parczewski K, & H, W. (2012). Make Use of the Friction Coefficient During Braking the Vehicle. *Eksplotacja i Niezawodność – Maintenance and Reliability*, 14, 176–180.
- Saefudin, E., Anggraeni, N. D., Marsono, M., & Azhari, S. (2023). Static Analysis of Tubular Space Frame Chassis of an Electric Racing Car Made of ASTM A106 Grade B. *METAL: Jurnal Sistem Mekanik Dan Termal*, 7(1), 15–22. <https://doi.org/10.25077/metal.7.1.15-22.2023>
- Santoso, M., Nurkhoyim Kustanto, M., Prasetyo, C. A., Jatisukamto, G., Qoryah, R. D. H., Hermawan, Y., & Darsin, M. (2022). TEGANGAN PRINSIPAL PADA CHASSIS MOBIL LISTRIK PROTOTYPE. *ELEMEN Jurnal Teknik Mesin*, 24–30. <https://doi.org/10.34128/je.v9i1.189>
- Stephen Pheasant, & M. Haslegrave, C. (2006). *BODYSPACE Anthropometry, Ergonomics and the Design of Work* (3rd ed.).
- Supriyanto, Moh. Fawaid, & Soffan Nurhaji. (2023). Desain dan Analisis Besaran Befleksi Chasis Tubular Space Frame pada Prototype Mobil Listrik Formula SAE. *Jurnal Sains Dan Teknologi*, 22, 1–8.
- Thanh Tam, N., Phuoc Le, T., Thai Huynh, N., & Manh Nguyen, Q. (2023). Optimization of frame structure coach 29/34 seats in static durability state.

- Engineering Science and Technology, an International Journal*, 47.
<https://doi.org/10.1016/j.jestch.2023.101523>
- Wu, Z., Pan, W., Niu, R., & Liu, L. (2025a). Frame design and improvement of a small electric vehicle. *Mechanical Sciences*, 16(1), 263–272.
<https://doi.org/10.5194/ms-16-263-2025>
- Zamzam, O., Abdelaziz, M., Elnady, T., & El-Wahab, A. A. A. (2024). *Structural performance evaluation of an electric vehicle chassis*.
<https://doi.org/10.21203/rs.3.rs-4258581/v1>
- OONA. (2026, Juni 1). 5 Mobil Litrik Terbaik Untuk Pasar Indonesia.
<https://myoona.id/blog/mobil/5-mobil-listrik-terbaik-indonesia/>
- Danang Arradian (2024, Januari 25). Ini Perbedaan Cara Kerja Mobil Plug-in Hybrid (PHEV), Listrik (BEV), dan Hidrogen (FCEV).
<https://otomotif.sindonews.com/read/1306881/120/ini-perbedaan-cara-kerja-mobil-plug-in-hybrid-phev-listrik-bev-dan-hidrogen-fcev>
- Andrew Barnabas (2022, Juni 30). Cara Kerja Mobil Listrik, Komponen Penting Serta <https://Jenis-jenisnya.mobil123.com/berita/cara-kerja-mobil-listrik-komponen-penting-serta-jenis-jenisnya>
- Jandika (2016, Maret 24). Ciri-ciri Sasis Mobil Bekas Tabrakan.
<https://otospector.co.id/blog/ciri-sasis-mobil-bekas-tabrak>