



## DAFTAR PUSTAKA

- Ansh Mehra, R. S. (2022). Design and analysis of an electric bike chassis. *Material Today: Proceedings*, 1510-1520.
- ANSYS. (2017). ANSYS Fluent User Guide. Pennsylvania: SAS IP.
- Audrey Ramadhina R, F. U. (2022). Regulasi Kendaraan Listrik di Indonesia Sebagai Upaya Pengurangan Emisi Gas. *Jurnal Hukum to-ra*, 201-208.
- Aziz, M. U. (2022). *Sifat Mekanik Komposit Sandwich CFRP/ABS/CFRP yang Difabrikasi Menggunakan Metode Bladder Compression Molding (BCM)*. Yogyakarta: Fakultas Teknik Universitas Gadjah Mada.
- Brookes, K. J. (2014). *PM Additive Manufacturing steals the MACH Show*. UK: Metal Powder Report.
- Campbell, F. (2010). *Structural Composite Material*. Ohio: ASM International.
- Chee Liu, T. J., & Wu, H. C. (2010). Fiber direction and stacking sequence design for bicycle frame made of carbon/epoxy composite laminate. *Material and Design*, 1971-1980.
- Dwyer, F., Shaw, A., & Tombarelli, R. (2012). *Material and Design Optimization for an Aluminium Bike Frame*. Worcester: Worcester Polytechnic Institute.
- Egbo, M. K. (2021). A Fundamental Review on Composite Material and Some Their Applications in Biomedical Engineering. *Journal of King Saud University*, 557-568.
- Fizri Nurfadlilah, A. S. (2024). Peran Sepeda Listrik Dalam Mewujudkan Mobilitas Berkelanjutan. *HUMANITIS: Jurnal Humaniora, Sosial dan Bisnis*, 136-141.
- Gross, A. C., Kyle, C. R., & Malewicki, D. J. (1983). The Aerodynamics of Human Powered Land Vehicles. *Scientific American*, 142-152.
- Hadland, T., & Lessing, H. E. (2014). *Bicycle Design: an Illustrated History*. London: The MIT Press.
- Harris, B. (1999). *Engineering Composite Materials*. London: The Institute of Materials.
- Hidayah, F. N. (2023, Agustus 10). *Konsumsi BBM di Indonesia Meningkatkan pada 2022*. Diambil kembali dari GoodStats: <https://data.goodstats.id/statistic/Fitrinurhdyh/konsumsi-bbm-di-indonesia-meningkat-pada-2022-ESja8>



- Ioannis, K. (2021, February). Calculation and Design of an Electric Bicycle. Thessaloniki, Greece: International Hellenic University.
- Jaron Koppers, D. W. (2014). Refinement of the Thermal Press Curing Process for Advanced Composite. *American Society Of Mechanical Engineers (ASME)*, 136.
- Jr, O. B. (1895). *US Paten No. 552271A*.
- Junaidi, T. (2016, September 28). Proses Manufaktur Frame Sepeda Balap Dari Bahan Serat Karbon Dengan Metode Wrapped On Foam. Yogyakarta, DIY Yogyakarta, Indonesia: Universitas Gadjah Mada.
- Junus, S. (2011). *Komposit Proses, Fabrikasi, dan Aplikasi*. Jember: Jember University Press.
- Laboratorium Ergonomi dan Perancangan Sistem Kerja. (2018). *Rekap Data Antropometri Indonesia*. Diambil kembali dari Antropometri Indonesia. THE LARGEST ANTHROPOMETRY DATA IN INDONESIA: [https://antropometriindonesia.org/index.php/detail/artikel/4/10/data\\_antropometri](https://antropometriindonesia.org/index.php/detail/artikel/4/10/data_antropometri)
- Libbey, H. W. (1897). *US Paten No. 596272A*.
- Livesey, A. (2021). *Bicycle Engineering an Technology*. New York: Routledge.
- M D Banea, L. F. (2008). *Adhesively bonded joints in composite material: an overview*. Portugal.
- Manurung, R., & Simanjuntak, S. (2020). Analisa Kekuatan Bahan Komposit Yang Diperkuat Serat Bambu Menggunakan Resin Polyester Dengan Memvariasikan Susunan Serat Secara Acak Dan Lurus Memanjang. *Sprocket*, 28-35.
- Morchin, W. C., & Oman, H. (2006). *Electric Bicycles "A Guide to Design and Use"*. Hoboken: John Wiley & Sons, Inc., Hoboken, New Jersey.
- Mott, R. L., Vavrek, E. M., & Wang, J. (2018). *Machine Elements In Mechanical Design*. USA: Pearson.
- Nickels, L. (2014). 3D Printing The World's First Metal Bicycle Frame. *Metal Powder Report*, 38-40.
- Pasha, A. C. (2019, Oktober 25). *6 Desain Unik Sepeda Futuristik Masa Depan, Bisa Masuk Ransel*. Diambil kembali dari Liputan 6: <https://www.liputan6.com/hot/read/4095069/6-desain-unik-sepeda-futuristik-masa-depan-bisa-masuk-ransel?page=2>



- Piran Composite. (2023, September 26). *Composite Manufacturing Process: How are Composites* . Diambil kembali dari Piran Advanced Composite: <https://pirancomposites.com/news/composite-manufacturing-process/#how-are-composites-manufactured>
- Rarani, M. H., Sharifi, S. K., & Shokrieh, M. (2014). Effect of ply stacking sequence on buckling behavior of E-glass/epoxy laminated composites. *Computational Material Science*, 89-96.
- Santoso, J. T. (2022). *Sepeda Listrik (Perencanaan, Perakitan, dan Perbaikan)*. Semarang: Yayasan Prima Agus Teknik.
- SAS IP, P. (2017). *ANSYS*. Diambil kembali dari ANSYS Fluent User Guide.
- Schnepf, J. (1898). *US Paten No. 627066*.
- Schroeder, M. (2006). *FACT (Functional Advanced Composite Technology) Carbon*. Diambil kembali dari Specialized Bicycle Component: <http://www.velocity.nnov.ru/?id=6453>
- Scott. (2013). *The Carbon Expert*. Diambil kembali dari Production Process: <http://carbonexperts.scott-sports.com/en/index.html#.WAVYmI99600>
- Slinn, M. (2010). *Build Your Own Electric Bicycle*. New York: McGraw-Hill.
- Steffen, M. J. (1898). *US Paten No. 613752*.
- Strong, A. (2008). *Fundamentals of Composites Manufacturing, Second Edition: Materials, Methods and Applications*. Dearborn: Society of Manufacturing Engineers.
- Suyitno, D., Salim, U. A., & Mahardika, M. (2012). Rancang Bangun Frame Sepeda Urban. *Proceeding Seminar Nasional Tahunan Teknik Mesin XI (SNTTM XI) & Thermofluid IV Universitas Gadjah Mada*.
- Talbot, R. P. (1984). *Design and Building Your Own Frameset*. United States: The Manet Guild.
- Wood Jr, G. A. (1969). *US Paten No. 3431994A*.