



DAFTAR PUSTAKA

- 10 Perkembangan terkini dalam industri konstruksi di Indonesia: Transformasi dan Inovasi diperoleh dari situs internet : <https://proxsisgroup.com/en/insights/10-perkembangan-terkini-dalam-industri-konstruksi-di-indonesia-transformasi-dan-inovasi>.
- Ahadian, E. R. (2017) : Studi manajemen persediaan just in time pada proyek konstruksi gedung KPP Menteng. *Jurnal Penelitian TECHNO*, 6(1). e-ISSN-2580-7129, print-ISSN-1978-610X. 27-36.
- Akanbi, O. A., Oyedolapo, O., dan Steven, G. J. (2019) : Lean principles in construction dalam Tam, V. Y. dan Le, K. N. (2019) : *Sustainable construction technologies – life-cycle assessment*. Elsevier Inc. Paperback ISBN: 978-0-12-811749-1, eBook ISBN: 9780128117507. 317 – 348.
- Al-Aomar, R. (2012) : A lean construction framework with Six Sigma rating. *International Journal of Lean Six Sigma*, 3(4). ISSN: 2040-4166. 299 – 314.
- Al-Hussain, A. dan Al-Ahmed, H. (2022) : Role of lean principles and 5S programs in increasing maintenance productivity. *International Petroleum Technology Conference*. Saudi Arabia. ISBN: 978-1-61399-833-5. 1-15.
- Alwi, S., Hampson, K., dan Mohamed, S. (2002) : Waste in the Indonesian construction projects. *Proceedings of the 1st International Conferences of CIB WI07 – Creating a Sustainable Construction Industry in Developing Countries*, South Africa. ISBN: 0-7988-5544-4. 305-315.
- Amin, I., Adil, M., Rehman, S. U., dan Ahmad, I. (2017) : Simulation of truck-shovel operation using Simio. *International Journal Economic Environment Geology*, 8(4). ISSN: 2223-957X. 55 – 58.
- Anand, K. S., Prasanna, K., Priya, M. G. S., dan Simon, S. M. (2020) : An industrial study of Just In Time (JIT) management in precast construction projects. *1st International Conference on Mathematical and Applications*, 2277(1). AIP Publishing. ISSN: 240011. 1-7.
- Arditi, D., dan Mochtar, K. (2000) : Trends in productivity improvement in the us construction industry. *Construction Management and Economics*, 18(1). ISSN: 1466-433X. 15 – 27.
- Badan Pusat Statistik. (2023) : *Indikator konstruksi, Triwulan I-2023*, 17(3). Badan Pusat Statistik. ISSN: 1979-8024. 19.
- Ballard, G., dan Howell, G. (1994) : Implementing lean construction: Stabilizing work flow. *Proceedings of the 2nd Annual Conference of the International Group for Lean Construction*. Rotterdam. 1-10.
- Ballard, G. dan Howell, G. (1995) : Toward construction JIT dalam Alarcón, L. (1997) : *Lean Construction*. Rotterdam, Netherlands. CRC Press. Print ISBN: 9789054106487, eBook ISBN: 9780429078156. 304-314.
- Ballard, G. dan Howell, G. (1998) : What kind of production is construction?. *6th Annual Conference of the International Group for Lean Construction*. Brazil.



Tugas Akhir

Simulasi Penerapan Prinsip *Lean* dan *Just-In-Time* Pada Proyek Konstruksi Menggunakan Simio *Simulation Software*
(Studi Kasus: Gedung Fakultas Kedokteran Universitas Katolik Soegijapranata)

- Bamana, F., Lehoux, N., dan Cloutier, C. (2019) : Simulation of a construction project – assessing impact of just-in-time and lean principles. *Journal of Construction Engineering and Management*, 145(5). ASCE. ISSN: 0733-9364. 1-15.
- Constructing Excellence (2004) : Lean construction. Diunduh dari situs internet : <https://constructingexcellence.org.uk/wp-content/uploads/2015/03/lean.pdf>.
- Dulaimi, M. F., dan Tanamas, C. (2001) : The principles and applications of lean construction in Singapore. *9th Annual Conference of the International Group for Lean Construction*. 1-14.
- Goldratt, E. M., dan Cox, J. (2004) : *The goal*. New York. North River Press. ISBN: 978-0-88426-274-8. 337-341.
- Haris, S., Alam, B. P., dan Wibowo, A. N. (2017) : Pengaruh produktivitas kerja terhadap keterlambatan pelaksanaan proyek konstruksi bangunan. *Jurnal TECNOSCIENZA*, 2(1). ISSN: 2541-3295. 53 – 68.
- Hatmoko, J. U. D., Nababan, A. M. T., Dhisyacitra, M., dan Kristiani, F. (2021) : Simulasi waktu tunggu dan biaya rantai pasok semen berbasis agen menggunakan software anylogic. *Jurnal Teknik Industri*, 16(3). Universitas Diponegoro. e-ISSN: 2502-1516. 199 – 209.
- Horman, M. J. (2000) : Process dynamics: Buffer management in building project operations, dalam Horman, M. J., dan Thomas, H. R. (2005) : Role of inventory buffers in construction labor performance. *Journal of Construction Engineering and Management*, 131(7). ASCE. ISSN: 0733-9364. 834-843.
- Howell, G., Laufer, A., dan Ballard, G. (1993) : Interaction between subcycles – One key to improved methods. *Journal of Construction Engineering and Management*, 119(4). ASCE. ISSN: 0733-9364. 19-36.
- How lean principles support productivity and performance diperoleh dari situs internet <https://www.easyagile.com/blog/lean-principles/>.
- Johar, W. D. (2016) : Permasalahan dalam dunia konstruksi. Diakses dari situs internet <https://willydjohar.wordpress.com/2016/02/01/permasalahan-dalam-dunia-konstruksi/>.
- Kamus Besar Bahasa Indonesia (KBBI). Diakses secara online melalui situs internet <https://kbbi.web.id/produktivitas>.
- Kamus Besar Bahasa Indonesia (KBBI). Diakses secara online melalui situs internet <https://kbbi.web.id/simulasi>.
- Koskela, L. (1992) : Application of the new production philosophy to construction. *CIFE (Center for Integrated Facility Engineering), Stanford University*. Diakses dari situs internet <https://stacks.stanford.edu/file/druid:kh328xt3298/TR072.pdf>.
- Kreasi Muda Indonesia. (2022) : Kegagalan dalam industri manufaktur & fabrikasi logam. Diakses dari situs internet <https://kreasimudaindonesia.com/ketahui-penyebab-kegagalan-dalam-industri-manufaktur-dan-fabrikasi-logam/>.
- Lean principles diakses dari situs internet <https://www.swipeguide.com/lean-principles>.



Tugas Akhir

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(Studi Kasus: Gedung Fakultas Kedokteran Universitas Katolik Soegijapranata)

- Liker, J. K. (2020) : *The Toyota Way* (versi terjemahan bahasa indonesia): 14 prinsip manajemen dari perusahaan manufaktur terhebat di dunia. Jakarta, Erlangga. ISBN: 979-781-377-0. 34 – 35.
- Mahyuddin, Ritnawati, Rachim, F., Mursalim, E., Pandarangga, A. P., Ulfyati, Y., Sidiq, R., dan Rosytha, A. (2023) : *Manajemen proyek konstruksi*. Yayasan Kita Menulis. ISBN: 978-623-342-931-3. 2.
- Megawati, L. A. dan Lirawati. (2020) : Analisis faktor keterlambatan proyek konstruksi bangunan gedung. *Jurnal Teknik*, 21(2). e-ISSN: 2774-5023. 27 – 34.
- Oktaviani, C. Z., dan Maulina F. (2011) : Metode Just In Time (JIT) dalam pengelolaan persediaan pada pelaksanaan proyek konstruksi. *Inersia: Jurnal Teknik Sipil*, 2(2). 27 – 35. Diunduh dari situs internet <https://doi.org/10.33369/ijts.2.2.27-35>.
- Organisation for Economic Co-operation and Development (OECD). (2001) : Measuring productivity: Measurement of aggregate and industry-Level Productivity Growth. OECD. 11. Diakses dari situs internet https://read.oecd-ilibrary.org/industry-and-services/measuring-productivity-oecd-manual_9789264194519-en#page4.
- Park, M., dan Peña-Mora, F. (2004) : Reliability buffering for construction projects. *Journal of Construction Engineering and Management*, 130(5), ASCE. ISSN: 0733-9364. 626-637.
- Pengertian & Proses Fabrikasi diperoleh dari situs internet: <https://www.wasakatomo.com/berita-media-fabrikasi.html>.
- Peraturan Presiden Republik Indonesia Nomor 16 Tahun 2018 : Pengadaan barang / jasa pemerintah. 6. Diakses dari situs internet <https://www.kemhan.go.id/pothan/wp-content/uploads/2018/12/Perpres-No-16-Tahun-2018.pdf>.
- Picchi, F., dan Granja, A. (2004) : Construction site: using lean principles to seek broader implementations. *Proceedings of International Group of Lean Construction. 12th Conference Group for Lean Construction Annual Meeting, Copenhagen, Denmark*. 1-12.
- PUPR. (2022) : *Konstruksi Indonesia 2021, Era Baru Konstruksi Berkarya Menuju Indonesia Maju*. Kementerian Pekerjaan Umum Dan Perumahan Rakyat. ISBN: 9-786239-893408. 16-25.
- Rani, H. A. (2016) : *Manajemen proyek konstruksi*. Deepublish. 4-10. Diakses dari situs internet https://www.researchgate.net/publication/316081639_Manajemen_Proyek_Konstruksi_pada_06_April_2024.
- Reyes, R. P. D. L., Sundo, M. B., dan Madlangbayan, M. S. (2020) : Pedestrian simulation of Metro Rail Transit (MRT) line 7 station 1-North Avenue Station, Quezon City, Philippines. *International Journal Of Geotechnique, Construction Material and Environment (GEOMATE)*, 18(66). e-ISSN: 2186-2990. 156 – 162.
- Santosh, V., dan Apte, M. R. (2014) : Productivity in building construction. *IOSR Journal of Mechanical and Civil Engineering (IOSR-JMCE)*, 10(5). e-ISSN: 2278-1684. 64-71.



Tugas Akhir

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(Studi Kasus: Gedung Fakultas Kedokteran Universitas Katolik Soegijapranata)

- Sarjono, H. (2001) : Model pengukuran produktivitas berdasarkan pendekatan rasio output per input. *Journal The WINNERS*, 2(2). p-ISSN: 1412-1212, e-ISSN: 2541-2388. 130-136.
- Simio Forward Thinking. Simio Academic Product. Diakses dari situs internet resmi Simio <https://www.simio.com/academics/simio-academic-simulation-products.php>.
- Simio Forward Thinking. Simio Simulation Software. Diakses dari situs internet resmi Simio <https://www.simio.com/software/simulation-software.php>.
- Simio Forward Thinking. What is Simio?. Diakses dari situs internet resmi Simio <https://www.simio.com/about-simio/what-is-simio-simulation-software.php>.
- Simio Forward Thinking. (2013) : *Simio references guide*, Version 6.97.10725.24016. Simio LLC. 5-41.
- Smith, R. D. (1998) : Simulation article, *Encyclopedia of Computer Science*. New York. Diakses dari situs internet <https://www.modelbenders.com/encyclopedia/encyclopedia.html>.
- Soliman, M. H. A. (2017) : A comprehensive of manufacturing waste: toyota production system lean principles, *Emirates Journal for Engineering Research*, 22(2). ISSN: 1022-9892. 1 – 10.
- The five principles of lean by Doanh Do diperoleh dari situs internet: <https://theleanway.net/The-Five-Principles-of-Lean>.
- Tommelein, I. D., Riley, D., dan Howell, G. A. (1998) : Parade game: Impact of work flow variability on succeeding trade performance. *6th Annual Conference of the International Group for Lean Construction*. Brazil.
- Tommelein, I. D., dan Weissenberger, M. (1999) : More just-in-time: location of buffers in structural steel supply and construction processes. *7th Annual Conference of the International Group for Lean Construction*. USA.
- Vieira, A. A. C., Dias, L., Santoa, M. Y., Pereira, G. A. B., dan Oliveira, J. (2020): Are simulation tools ready for big data? computational experiments with supply chain models developed in Simio. *International Conference on Industry 4.0 and Smart Manufacturing (ISM 2019)*. ISSN: 2351-9789. 125–131.
- Wahyuni, H. C. (2017) : *Analisa produktivitas*. UMSIDA Press, Jawa Timur. ISBN: 9789793401638. 2-11.
- Womack, J. Dan Jones, D. (2003) : *Lean thinking, banish waste and create wealth in your corporation (Revised and Update)*. Sydney, Australia. Simon & Schuster Ltd. eBook ISBN 978-1-4711-1100-6, ISBN 13: 978-0-7432-3164-0.
- Yuk, kenali apa itu Fabrikasi dalam Dunia Industri! Diperoleh dari situs internet: <https://kreasimudaindonesia.com/yuk-kenali-apa-itu-fabrikasi-dalam-dunia-industi/#:~:text=Workshop%20Fabrications%20adalah%20proses%20fabrikasi,potong%20plat%2C%20mesin%20bending%2C%20overhead>.
- Zheng, Q., Chen, S., Shen, J., Liu, Z., Fang, K., dan Xing, W. (2010) : Simulation modeling of the operation room based on Simio. *Applied Mechanics and Materials*, 37(38). ISSN: 1660-9336. 1162-1166.