

REFERENCES

- AboAbdo, S., Aldhoiena, A., & Al-Amrib, H. (2019). Implementing enterprise resource planning (ERP) system in a large construction company in KSA. *Procedia Computer Science*, 164, 463-470.
doi: 10.1016/j.procs.2019.12.207
- Ahmad, M., & Pinedo Cuenca, R. (2013). Critical success factors for ERP implementation in SMEs. *Robotics and Computer-Integrated Manufacturing*, 29(3), 104-111.
doi: 10.1016/j.rcim.2012.04.019
- Alcivar, I., & Abad, A. (2016). Design and evaluation of a gamified system for ERP training. *Computers In Human Behavior*, 58, 109-118.
doi:10.1016/j.chb.2015.12.018
- Al Marri, K. (2014). ERP implementation in the project-based organizations of the construction industry. *The Business & Management Review*, 4(4), 13.
- Amid, A., Moalagh, M., & Zare Ravasan, A. (2012). Identification and classification of ERP critical failure factors in Iranian industries. *Information Systems*, 37(3), 227-237. doi: 10.1016/j.is.2011.10.010
- Amoako-Gyampah, K. (2007). Perceived usefulness, user involvement, and behavioral intention: An empirical study of ERP implementation. *Computers in Human Behaviour*, 23(3), 1232-1248.
doi: 10.1016/j.chb.2004.12.002
- Apuke, O. (2017). Quantitative research methods: A synopsis approach. *Kuwait Chapter of Arabian Journal of Business and Management Review*, 6(11), 40-47. doi: 10.12816/0040336

- Bhattacharjee, A. (2001). Understanding information systems continuance: An expectation-confirmation model. *MIS Quarterly*, 25(3), 351.
doi: 10.2307/3250921
- Blaikie, N. (2003). Analyzing quantitative data: *From description to explanation Ed. 1*. SAGE Publications.
- Bouchlaghem, D., Kimmance, A., & Anumba, C. (2004). Integrating product and process information in the construction sector. *Industrial Management & Data Systems*, 104(3), 218-233.
doi: 10.1108/02635570410525771
- Braglia, M., & Frosolini, M. (2014). An integrated approach to implement Project management information Systems within the extended enterprise. *International Journal of Project Management*, 32(1), 18-29.
doi: 10.1016/j.ijproman.2012.12.003
- Chan, E., & Mills, A. (2011). Implementation of enterprise resource planning (ERP) software in a major construction contracting organization in Hong Kong. *International Journal of Managing Projects in Business*, 4(1), 168-178.
doi: 10.1108/17538371111096971
- Chang, M., Cheung, W., Cheng, C., & Yeung, J. (2008). Understanding ERP system adoption from the user's perspective. *International Journal of Production Economics*, 113(2), 928-942.
doi: 10.1016/j.ijpe.2007.08.011
- Chawinga, W., & Zinn, S. (2020). Research data management at an African medical university: Implications for academic librarianship. *The Journal of Academic Librarianship*, 46(4), 102161.
doi: 10.1016/j.acalib.2020.102161

Chung, B., Skibniewski, M., & Kwak, Y. (2009). Developing ERP systems success model for the construction industry. *Journal of Construction Engineering and Management*, 135(3), 207-216.

doi: 10.1061/(asce)0733-9364(2009)135:3(207)

Chung, B., Skibniewski, M., Lucas, H., & Kwak, Y. (2008). Analyzing enterprise resource planning system implementation success factors in the engineering–construction industry. *Journal of Computing in Civil Engineering*, 22(6), 373-382.

doi: 10.1061/(asce)0887-3801(2008)22:6(373)

Creswell, J. W. (2014). *Research design: Qualitative, quantitative and mixed methods approaches* (4th ed.). Thousand Oaks, CA: Sage.

Data collection - Wikipedia. (2021). Retrieved 28 April 2021, from https://en.wikipedia.org/wiki/Data_collection

Demi, S., & Haddara, M. (2018). Do cloud ERP systems retire? An ERP lifecycle perspective. *Procedia Computer Science*, 138, 587-594.

doi:10.1016/j.procs.2018.10.079

Elonen, S., & Artto, K. (2003). Problems in managing internal development projects in multi-project environments. *International Journal of Project Management*, 21(6), 395-402.

doi: 10.1016/s0263-7863(02)00097-2

Elragal, A., & Haddara, M. (2013). The impact of ERP partnership formation regulations on the failure of ERP implementations. *Procedia Technology*, 9, 527-535.

doi:10.1016/j.protcy.2013.12.059

- Etikan, I., Musa, S. A., & Alkassim, R. S. (2016). Comparison of convenience sampling and purposive sampling. *American journal of theoretical and applied statistics*, 5(1), 1-4.
doi: 10.11648/j.ajtas.20160501.11
- Ferneley, E., & Sobreperéz, P. (2006). Resist, comply or workaround? An examination of different facets of user engagement with information systems. *European Journal of Information Systems*, 15(4), 345-356.
doi: 10.1057/palgrave.ejis.3000629
- Haddara, M., & Moen, H. (2017). User resistance in ERP implementations: A literature review. *Procedia Computer Science*, 121, 859-865.
doi:10.1016/j.procs.2017.11.111
- Hewavitharana, F., & Perera, A. (2019). Gap analysis between ERP procedures and construction procedures. *MATEC Web of Conferences*, 266, 03011.
doi: 10.1051/mateconf/201926603011
- Hewavitharana, T., Nanayakkara, S., Perera, A., & Perera, J. (2019). Impact of enterprise resource planning (ERP) systems to the construction industry. *International Journal of Research in Electronics and Computer Engineering*, 7, 887-893.
- Holton, E. F., & Burnett, M. F. (2005). The basics of quantitative research. Research in organizations: *Foundations and methods of inquiry*, 29-44.
- Huang, S. M., Chang, I. C., Li, S. H. & Lin, M. T. (2004). Assessing risk in ERP projects: Identify and prioritize the factors. *Industrial Management & Data Systems*, 104 (8), 681-688.

- Jacobs, F., & Bendoly, E. (2003). Enterprise resource planning: Developments and directions for operations management research. *European Journal of Operational Research*, 146(2), 233-240.
doi: 10.1016/s0377-2217(02)00546-5
- Jayawickrama, U., & Yapa, S. (2013). Factors affecting ERP implementations: Client and consultant perspectives. *Journal of Enterprise Resource Planning Studies*, 1-12. doi: 10.5171/2013.227873
- Kanchana, V., & Ranjini S, S. (2018). Investigation and study of vital factors in selection, implementation, and satisfaction of ERP in small and medium scale industries. *International Journal of Electrical and Computer Engineering (IJECE)*, 8(2), 1150. doi:10.11591/ijece.v8i2.pp1150-1155
- Kimmance, A., Anumba, C., Bouchlaghem, D., & Baldwin, A. (2004). The application of information modeling methodologies: The HIPPPY approach to integrated project modeling. *International Journal of Computer Applications in Technology*, 20(1/2/3), 62. doi: 10.1504/ijcat.2004.003836
- Kiriwandeniya, I., Ruwan, V., Samarasinghe, S., Samarakoon, S., Kahandawarachchi, C., & Thelijjagoda, S. (2013). Post-implementation framework for ERP systems with special reference to Sri Lanka. *8Th International Conference on Computer Science & Education*.
doi: 10.1109/iccse.2013.6553963
- Kothari, C. R. (2004). *Research methodology methods and techniques (Second ed.)*. New Delhi: New Age International (PVT) Ltd.
- Kumara, A., Gunawardana, K., & Halwatura, R. (2013). An empirical study of the impact of user training and attitude towards ERP implementation in selected companies in Sri Lanka. *SSRN Electronic Journal*.
doi: 10.2139/ssrn.2932638

- Lee, S., & Yu, J. (2012). Success model of project management information system in construction. *Automation in Construction*, 25, 82-93.
doi: 10.1016/j.autcon.2012.04.015
- Matende, S., & Ogao, P. (2013). Enterprise resource planning (ERP) system implementation: A case for user participation. *Procedia Technology*, 9, 518-526.
doi: 10.1016/j.protcy.2013.12.058
- Melnikovas, A. (2018). Towards an explicit research methodology: Adapting research onion model for futures studies. *Journal of Futures Studies*, 23(2), 29-44.
- Mutthusamy, M., (2007). Analysis of the decision-making process for the adoption of enterprise resource planning systems in Sri Lankan business environment, *Second International Conference on Industrial and Information Systems*, pp. 27-33.
- Nah, F. F.- H., Lau, J. L.- S. & Kuang, J. (2001). "Critical factors for successful implementation of enterprise systems," *Business Process Management Journal*, 7 (3), 285-296.
- Parthasarathy, S., & Sharma, S. (2016). Efficiency analysis of ERP packages, *A customization perspective. Computers in industry*, 82, 19-27.
doi:10.1016/j.compind.2016.05.004
- Peffer, K., Tuunanen, T., Rothenberger, M. A., & Chatterjee, S. (2007). A design science research methodology for information systems research. *Journal of management information systems*, 24(3), 45-77.
- Pellerin, R., Perrier, N., Guillot, X., & Léger, P. (2013). Project management software utilization and project performance. *Procedia Technology*, 9, 857-866.
doi:10.1016/j.protcy.2013.12.095

- Perera, H., & Costa, W. (2008). Analytic hierarchy process for selection of ERP software for manufacturing companies. *Vision: The Journal of Business Perspective*, 12(4), 1-11.
doi: 10.1177/097226290801200401
- Perera, P., Nanayakkara, S., & Perera, A. (2013). Critical evaluation on ERP applications for defense sector of Sri Lanka. *International Journal of the Computer, the Internet and Management*, 21, 4-1.
- Rajan, C., & Baral, R. (2015). Adoption of ERP system: An empirical study of factors influencing the usage of ERP and its impact on end-user. *IIMB Management Review*, 27(2), 105-117. doi: 10.1016/j.iimb.2015.04.008
- Rajakakse, J., & Seddon, P. (2005). Why ERP may not be suitable for organizations in developing countries in Asia. Retrieved from <http://www.researchgate.net>
- Raymond, L., & Bergeron, F. (2008). Project management information systems: An empirical study of their impact on project managers and project success. *International Journal of Project Management*, 26(2), 213-220.
doi: 10.1016/j.ijproman.2007.06.002
- Rezvani, A., Khosravi, P., & Dong, L. (2017). Motivating users toward continued usage of information systems: Self-determination theory perspective. *Computers in Human Behaviour*, 76, 263-275.
doi: 10.1016/j.chb.2017.07.032
- Senadheera, P. M., Wadugedara, W. P. H., Chandrasekara, C. A. K. I. S., Yasiharan, M., Suwadika, P., Sivaroshan, M., & Hennakgedara, H. G. K. T (2018). An analysis of the challenges and barriers of implementing ERP in listed companies of Colombo stock market. (Research working papers 2018, university of Sri Jayawardanepura) Retrieved from <https://mgt.sjp.ac.lk/acc/wp-content/uploads/2018/12/G15.pdf>

- Shehab, E., Sharp, M., Supramaniam, L., & Spedding, T. (2004). Enterprise resource planning. *Business Process Management Journal*, 10(4), 359-386.
doi:10.1108/14637150410548056
- Silva, N., de Silva, B., & Gunawardana, K. (2011). The impact of enterprise resource planning systems on management accounting in private companies in Sri Lanka. *SSRN Electronic Journal*.
doi: 10.2139/ssrn.1742377
- Somers, T. M. & Nelson, K. (2001). "The impact of critical success factors across the stages of enterprise resource planning implementations," *Proceedings of the 34th Hawaii International Conference on System Sciences (HICSS)*, Maui, Hawaii, 2001.
- Tonidandel, S., & LeBreton, J. (2011). Relative importance analysis: A useful supplement to regression analysis. *Journal Of Business and Psychology*, 26(1), 1-9.
doi: 10.1007/s10869-010-9204-3
- Upadhyay, P., Jahanyan, S. & Dan, P. (2011). Factors influencing ERP implementation in Indian manufacturing organizations. *Journal of Enterprise Information Management*, 24 (2), 130-145.
- Vlachopoulou, M., & Manthou, V. (2006). Enterprise resource planning (ERP) in a construction company. *International Journal of Business Information Systems*, 1(3), 339.
doi: 10.1504/ijbis.2006.008603
- Wickramasinghe, V., & Gunawardena, V. (2010). Critical elements that discriminate between successful and unsuccessful ERP implementations in Sri Lanka. *Journal of Enterprise Information Management*, 23(4), 466-485.
doi: 10.1108/17410391011061771

- Wilson, R., & Creswell, J. (1996). Research design: Qualitative and quantitative approaches. *Journal of Marketing Research*, 33(2), 252.
doi: 10.2307/3152153
- Wong, P., & Cheung, S. (2008). An analysis of the relationship between learning behaviour and performance improvement of contracting organizations. *International Journal of Project Management*, 26(2), 112-123.
doi:10.1016/j.ijproman.2007.04.004
- Wong, A., Scarbrough, H., Chau, P. Y. K. & Davison, R. (2005). Critical failure factors in ERP implementation. *Proceedings of the Ninth Pacific Asia Conference on Information Systems (PACIS), Bangkok, Thailand, 2005*.
- Wu, L., Ong, C., & Hsu, Y. (2008). Active ERP implementation management: A Real Options perspective. *Journal of Systems and Software*, 81(6), 1039-1050.
doi: 10.1016/j.jss.2007.10.004
- Wu, J., & Wang, Y. (2007). Measuring ERP success: The key-users' viewpoint of the ERP to produce a viable IS in the organization. *Computers in Human Behaviour*, 23(3), 1582-1596.
doi: 10.1016/j.chb.2005.07.005
- Wu, W. (2011). Segmenting and mining the ERP users' perceived benefits using the rough set approach. *Expert systems with applications*, 38(6), 6940-6948.
doi:10.1016/j.eswa.2010.12.030
- Yang, J., Wu, C., & Tsai, C. (2007). Selection of an ERP system for a construction firm in Taiwan: A case study. *Automation in Construction*, 16(6), 787-796. doi: 10.1016/j.autcon.2007.02.001