**REFERENCES** 

#### REFERENCES

- Abdat, N., Spruit, M., & Bos, M. (2010). Software as a service and the pricing strategy for vendors. *Digital Product Management, Technology and Practice*, 154–192. https://doi.org/10.4018/978-1-61692-877-3.ch010
- Adeboye, A. (2016). Perceived Use and Acceptance of Cloud Enterprise Resource Planning (ERP) Implementation in the Manufacturing Industries. *International Journal* of Strategic Information Technology and Applications, 7(3), 24–40. https://doi.org/10.4018/ijsita.2016070102
- Agostino, A., Søilen, K. S., & Gerritsen, B. (2013). Cloud solution in business intelligence for SMEs -vendor and customer perspectives. *Journal of Intelligence Studies in Business*, 3(3), 5–28. https://doi.org/10.37380/jisib.v3i3.72
- Ahn, B., & Ahn, H. (2020). Factors affecting intention to adopt cloud-based ERP from a comprehensive approach. *Sustainability (Switzerland)*, 12(16), 1–26. https://doi.org/10.3390/SU12166426
- Akrong, G. B., Shao, Y., & Owusu, E. (2022). Overcoming the Challenges of Enterprise Resource Planning (ERP): A Systematic Review Approach. *International Journal of Enterprise Information Systems (IJEIS)*, 18(1), 1-41.
- AlBar, A. M., & Hoque, M. R. (2019). Factors affecting cloud ERP adoption in Saudi Arabia: An empirical study. *Information Development*, 35(1), 150-164.
- Alhanatleh, H., & Akkaya, M. (2020). Factors affecting the cloud ERP: A case study of learning resources department at Jordanian Education Ministry. *Management & Economics Research Journal*, 2(4), 101-122.
- Alsaadi, E. M. T. A., Fayadh, S. M., & Alabaichi, A. (2020, December). A review on security challenges and approaches in the cloud computing. In *AIP Conference Proceedings* (Vol. 2290, No. 1, p. 040022). AIP Publishing LLC.
- Al-Sharafi, M. A., Arshah, R. A., Abu-Shanab, E. A., & Alajmi, Q. (2019, March). The Effect of Sustained Use of Cloud-Based Business Services on Organizations' Performance: Evidence from SMEs in Malaysia. In 2019 5th International Conference on Information Management (ICIM) (pp. 285-291). IEEE.
- Alsharari, N. M., Al-Shboul, M., & Alteneiji, S. (2020). Implementation of cloud ERP in the SME: evidence from UAE. *Journal of Small Business and Enterprise Development*.

- AL-Shboul, M. A. (2019). Towards better understanding of determinants logistical factors in SMEs for cloud ERP adoption in developing economies. *Business Process Management Journal*, 25(5), 887–907. https://doi.org/10.1108/BPMJ-01-2018-0004
- AlBar, A. M., & Hoque, M. R. (2019). Factors affecting cloud ERP adoption in Saudi Arabia: An empirical study. *Information Development*, 35(1), 150–164. https://doi.org/10.1177/0266666917735677
- Alex Peng, G. C., & Gala, C. (2014). Cloud ERP: A newdilemma to modern organisations? *Journal of Computer Information Systems*, 54(4), 22–30. https://doi.org/10.1080/08874417.2014.11645719
- Al-Ghofaili, A. A., & Al-Mashari, M. A. (2014, August). ERP system adoption traditional ERP systems vs. cloud-based ERP systems. In Fourth edition of the International Conference on the Innovative Computing Technology (INTECH 2014) (pp. 135-139). IEEE.
- Alhanatleh, H., & Akkaya, M. (2016). The Investigation of Jordanian Education Ministry Employees' Attitude toward the Using of Cloud ERP. International Journal of Communications, Network and System Sciences, 09(11), 440–450. https://doi.org/10.4236/ijcns.2016.911036
- Alhanatleh, H., & Akkaya, M. (2020). Factors Affecting the Cloud ERP: A Case Study of Learning Resources Department at Jordanian Education Ministry. *Management & Economics Research Journal*, 2(4), 101–122. https://doi.org/10.48100/merj.v2i4.128
- Almubideen, S. S., Fannas, E. J. A., Alsawalqah, H. I., Al Hassan, M., Zamzeer, M., & Alshamaileh, Y. (2020). Determinants of cloud ERP adoption in Jordan: an exploratory study. *International Journal of Business Information Systems*, 34(2), 204. https://doi.org/10.1504/ijbis.2020.10030318
- Amini, M. (2014). THE FACTORS THAT INFLUENCE ON ADOPTION OF CLOUD COMPUTING FOR CONFIDENTIAL RESTRICTED ii "January, 173.
- Anirudha, A. K., Honale, S., Dhande, P. M., & Chaudhari, P. A. (2013). A Review on Cloud-Based Intrusion Detection System for Android Smartphones. *International Journal of Advanced Research in Engineering & Technology (IJARET)*, 4(6), 238-245.
- Anthony. (2021, May 23). Understanding The Different SAP Cloud Offerings [web log]. Retrieved May 26, 2022, from https://itpfed.com/understanding-the-different-sap-cloud-offerings/.
- Antoniadis, I., Tsiakiris, T., & Tsopogloy, S. (2015). Business Intelligence During Times of Crisis: Adoption and Usage of ERP Systems by SMEs. *Procedia - Social and*

Behavioral Sciences, 175, 299-307. https://doi.org/10.1016/j.sbspro.2015.01.1204

- Atwah Al-Ma'aitah, M. (2017). the Drivers of Erp Cloud Computing From an Institutional Prespective. *Journal of Theoretical and Applied Information Technology*, 15(19), 19. www.jatit.org
- Awan, M., Ullah, N., Ali, S., Abbasi, I. A., Hassan, M. S., Khattak, H., & Huang, J. (2021). An empirical investigation of the challenges of cloud-based ERP adoption in Pakistani SMEs. *Scientific Programming*, 2021. https://doi.org/10.1155/2021/5547237
- ➢ Bang Nguyen Dilip S. Mutum. (2015). 기사 (Article) 와 안내문 (Information) [. The Eletronic Library, 34(1), 1−5.
- Bharathi, S. V., & Mandal, T. (2015). Prioritising and ranking critical factors for sustainable cloud ERP adoption in SMEs. *International Journal of Automation and Logistics*, 1(3), 294. https://doi.org/10.1504/ijal.2015.071723
- Bhatia, S. S., & Gupta, V. (2014). Role of Cloud Computing for Implementation of ERP in SMEs. *International Journal of Science and Research*, 3(11), 2895–2898. https://www.ijsr.net/v3i11\_05.php
- Bindhu, hima. (2020, January 29). [web log]. Retrieved January 25, 2022, from https://www.grainmart.in/news/digital-msme-scheme-details-and-how-to-apply/.
- Biswas, B., Bhadra, S., Sanyal, M. K., & Das, S. (2018). Cloud adoption: A future road map for Indian SMEs. In *Advances in Intelligent Systems and Computing* (Vol. 695). Springer Singapore. https://doi.org/10.1007/978-981-10-7566-7\_51
- Chandra Kumar and Parthasarathy (2017), An exploratory case study on cloud ERP implementation, Int. J. Information and Communication Technology, Vol. 10, No. 2
- Chang, Y. W. (2020). What drives organizations to switch to cloud ERP systems? The impacts of enablers and inhibitors. *Journal of Enterprise Information Management*, 33(3), 600–626. https://doi.org/10.1108/JEIM-06-2019-0148
- Chang, Y. W., & Hsu, P. Y. (2019). An empirical investigation of organizations' switching intention to cloud enterprise resource planning: a cost-benefit perspective. *Information Development*, 35(2), 290–302. https://doi.org/10.1177/0266666917743287
- Chang, Y. W., Hsu, P. Y., Huang, S. H., & Chen, J. (2020). Determinants of switching intention to cloud computing in large enterprises. *Data Technologies and Applications*, 2018, 16–33. https://doi.org/10.1108/DTA-12-2018-0104
- Cheng, Y. M. (2018). What drives cloud ERP continuance? An integrated view. Journal of Enterprise Information Management, 31(5), 724–750.

https://doi.org/10.1108/JEIM-02-2018-0043

- Cheng, Y. M. (2019). A hybrid model for exploring the antecedents of cloud ERP continuance: Roles of quality determinants and task-technology fit. *International Journal of Web Information Systems*, 15(2), 215–235. https://doi.org/10.1108/IJWIS-07-2018-0056
- Cheng, Y. M. (2020a). Quality antecedents and performance outcome of cloud-based hospital information system continuance intention. *Journal of Enterprise Information Management*, 33(3), 654–683. https://doi.org/10.1108/JEIM-04-2019-0107
- Cheng, Y. M. (2020b). Understanding cloud ERP continuance intention and individual performance: a TTF-driven perspective. *Benchmarking*, 27(4), 1591–1614. https://doi.org/10.1108/BIJ-05-2019-0208
- Christiansen, V., Haddara, M., & Langseth, M. (2021). Factors Affecting Cloud ERP Adoption Decisions in Organizations. *Procedia Computer Science*, 196(2021), 255– 262. https://doi.org/10.1016/j.procs.2021.12.012
- Choy, K. L., Lee, W. B., & Lo, V. (2002). Development of a case based intelligent customer–supplier relationship management system. *Expert systems with Applications*, 23(3), 281-297.
- Cook, R. (2014, August). SaaS, PaaS and ERP. Retrieved March 2022, from www.toolbox.com.
- Daghan, G., & Akkoyunlu, B. (2016). Modeling the continuance usage intention of online learning environments. *Computers in Human Behavior*, 60, 198-211.
- Dame, D. (2006). Software as a service. Dr. Dobb's Journal, 31(10), 10. https://doi.org/10.1201/9780367259433-9
- Das, S., & Dayal, M. (2016). Exploring determinants of cloud-based enterprise resource planning (ERP) selection and adoption: A qualitative study in the Indian education sector. *Journal of Information Technology Case and Application Research*, 18(1), 11–36. https://doi.org/10.1080/15228053.2016.1160733\
- Davenport, T. H. (1998). [web log]. Retrieved March 10, 2022, from https://hbr.org/1998/07/putting-the-enterprise-into-the-enterprise-system.
- Deshmukh, P. D., Thampi, G. T., & Kalamkar, V. R. (2015). Investigation of quality benefits of ERP implementation in Indian SMEs. *Proceedia Computer Science*, 49(1), 220–228. https://doi.org/10.1016/j.procs.2015.04.247
- Ebert, N., Weber, K., & Koruna, S. (2017). Integration platform as a service. Business & Information Systems Engineering, 59(5), 375-379.

- Garverick, M. L. (2014). Motives and Barriers to Cloud ERP Selection for SMEs: A Survey of Value Added Resellers (VAR) Perspectives.
- Ghanem, S., & Alshahrani, S. (2021). The Effect of Cloud Computing Adoption on Organizational Performance of SMEs in Saudi Arabia. *International Journal of Contemporary Management and Information Technology (IJCMIT)*, 1(2), 1–6. www.ijcmit.com
- Gholami, M. F., Daneshgar, F., Beydoun, G., & Rabhi, F. (2017). Challenges in migrating legacy software systems to the cloud — an empirical study. *Information Systems*, 67, 100–113. https://doi.org/10.1016/j.is.2017.03.008
- Grubisic, I. (2014). ERP in clouds or still below. Journal of Systems and Information Technology, 16(1), 62–76. https://doi.org/10.1108/JSIT-05-2013-0016
- Gupta, S., Kumar, S., Singh, S. K., Foropon, C., & Chandra, C. (2018). Role of cloud ERP on the performance of an organization: Contingent resource-based view perspective. *International Journal of Logistics Management*, 29(2), 659–675. https://doi.org/10.1108/IJLM-07-2017-0192
- Gupta, S., Meissonier, R., Drave, V. A., & Roubaud, D. (2020). Examining the impact of Cloud ERP on sustainable performance: A dynamic capability view. *International Journal of Information Management*, 51(July), 102028. https://doi.org/10.1016/j.ijinfomgt.2019.10.013
- Gupta, S., & Misra, S. C. (2016). Moderating Effect of Compliance, Network, and Security on the Critical Success Factors in the Implementation of Cloud ERP. *IEEE Transactions on Cloud Computing*, 4(4), 440–451. https://doi.org/10.1109/TCC.2016.2617365
- Gupta, S., Misra, S. C., Kock, N., & Roubaud, D. (2018). Organizational, technological and extrinsic factors in the implementation of cloud ERP in SMEs. *Journal of Organizational Change Management*, 31(1), 83–102. https://doi.org/10.1108/JOCM-06-2017-0230
- Gupta, S., Misra, S. C., Singh, A., Kumar, V., & Kumar, U. (2017). Identification of challenges and their ranking in the implementation of cloud ERP: A comparative study for SMEs and large organizations. *International Journal of Quality and Reliability Management*, 34(7), 1056–1072. https://doi.org/10.1108/IJQRM-09-2015-0133
- Gupta, S., Qian, X., Bhushan, B., & Luo, Z. (2019). Role of cloud ERP and big data on firm performance: a dynamic capability view theory perspective. *Management Decision*, 57(8), 1857–1882. https://doi.org/10.1108/MD-06-2018-0633

- Habahbeh, A., Fadiya, S. O., & Akkaya, M. (2018). Factors influencing SMEs CloudERP adoption: A test with generalized linear model and artificial neural network. *Data in Brief*, 20, 969–977. https://doi.org/10.1016/j.dib.2018.07.012
- Haddara, M., Fagerstrøm, A., & Mæland, B. (2015). Cloud ERP Systems: Anatomy of Adoption Factors & Attitudes. *Journal of Enterprise Resource Planning Studies*, 2015, 1–24. https://doi.org/10.5171/2015.521212
- Haji Salum, K., & Abd Rozan, M. Z. (2016). Exploring the Challenge Impacted SMEs to Adopt Cloud ERP. *Indian Journal of Science and Technology*, 9(45). https://doi.org/10.17485/ijst/2016/v9i45/100452
- Hamilton, F. (2020, May 27). Pros and Cons of Cloud ERP [web log]. Retrieved March 6, 2022, from https://erpnews.com/pros-and-cons-of-cloud-erp/.
- Hameed, A. S., & Baskaran, R. (2018) Implementation of Hybrid Cloud Enterprise Systems for Organizations-Scale Development.
- Holter, S. A. (2020, April). The Advantages and Disadvantages of Cloud-Based ERP Systems [web log]. Retrieved 2022, from https://www.meadenmoore.com/blog/atc/the-advantages-and-disadvantages-of-cloudbased-erp-systems.
- Hossain, L., Patrick, J. D., & Rashid, M. A. (Eds.). (2001). Enterprise Resource Planning: Global Opportunities and Challenges: Global Opportunities and Challenges.
- Hsu, C. L., & Lin, J. C. C. (2016). Factors affecting the adoption of cloud services in enterprises. *Information Systems and E-Business Management*, 14(4), 791–822. https://doi.org/10.1007/s10257-015-0300-9
- Jain, D., & Sharma, Y. (2017). Cloud Computing with ERP A Push Business Towards Higher Efficiency. SSRN Electronic Journal, 4(March), 140–155. https://doi.org/10.2139/ssrn.2755457
- Jayeola, O., Sidek, S., Rahman, A. A., Bali Mahomed, A. S., & Jimin, H. (2020). Contextual factors and strategic consequences of cloud enterprise resource planning (erp) adoption in Malaysian manufacturing SMEs: A conceptual framework. *International Journal of Economics and Business Administration*, 8(3), 176–201. https://doi.org/10.35808/ijeba/495
- Johansson, B., Alajbegovic, A., Alexopoulo, V., & Desalermos, A. (2015). Cloud ERP adoption opportunities and concerns: The role of organizational size. *Proceedings of* the Annual Hawaii International Conference on System Sciences, 2015-March, 4211– 4219. https://doi.org/10.1109/HICSS.2015.504

- Johansson, B., & Ruivo, P. (2013). Exploring Factors for Adopting ERP as SaaS. Procedia Technology, 9, 94–99. https://doi.org/10.1016/j.protcy.2013.12.010
- Karim (2018), Switching Toward Cloud ERP: A Research Model to Explain Intentions, International Journal of Enterprise Information Systems, ISSN 1548-1115, Vol. 10, P. 46-61
- Katuu, S. (2020). Enterprise resource planning: past, present, and future. New Review of Information Networking, 25(1), 37-46.
- Khan, Y., & Varma, S. (2020). An efficient cloud forensic approach for iaas, SAAS and paas model. 2nd International Conference on Data, Engineering and Applications (IDEA). https://doi.org/10.1109/idea49133.2020.9170707
- Kinuthia, J. N. (2015). Technological, organizational, and environmental factors affecting the adoption of Cloud Enterprise Resource Planning (ERP) systems. 2015 Americas Conference on Information Systems, AMCIS 2015.
- Kinuthia, N., & Chung, S. (2017). An empirical study of technological factors affecting cloud enterprise resource planning systems adoption. *Information Resources Management Journal*, 30(2), 1–22. https://doi.org/10.4018/IRMJ.2017040101
- Koç, T., Ekren, G., Oberer, B., & Erkollar, A. (2018). Defining the pros and cons of cloud ERP systems: A Turkish case. *Proceedings of the International Symposium for Production Research 2018*, 367–378. https://doi.org/10.1007/978-3-319-92267-6 32
- L. N., P. B., Wibowo, S., Grandhi, S., & Wells, M. (2017). The Impact of Security Concernson Personal Innovativeness, Behavioural and Adoption Intentionsof Cloud Technology. *Software Networking*, 2017(1), 265–290. https://doi.org/10.13052/jsn2445-9739.2017.013
- Le, O. T. T., & Cao, Q. M. (2020). Examining the technology acceptance model using cloud-based accounting software of Vietnamese enterprises. *Management Science Letters*, 10(12), 2781–2788. https://doi.org/10.5267/j.msl.2020.4.032
- Lee, M. J., Wong, W. Y., & Hoo, M. H. (2017). Next era of enterprise resource planning system. Review on traditional on-premise ERP versus cloud-based ERP: Factors influence decision on migration to cloud-based ERP for Malaysian SMEs/SMIs. *Proceedings 2017 IEEE Conference on Systems, Process and Control, ICSPC* 2017, 2018-Janua(December), 48–53. https://doi.org/10.1109/SPC.2017.8313020
- León, O., Hernández-Serrano, J., & Soriano, M. (2010). Securing cognitive radio networks. International Journal of Communication Systems, 23(5), 633–652.

https://doi.org/10.1002/dac

- Lew, S. L., Lau, S. H., & Leow, M. C. (2019). Usability factors predicting continuance of intention to use cloud e-learning application. *Heliyon*, 5(6), e01788.
- Liao, Y., Vitak, J., Kumar, P., Zimmer, M., & Kritikos, K. (2019, March). Understanding the role of privacy and trust in intelligent personal assistant adoption. In *International Conference on Information* (pp. 102-113). Springer, Cham.
- Lim, T. M., Lee, A. S. H., & Yap, M. K. (2016). User acceptance of SaaS ERP considering perceived risk, system performance and cost. *Lecture Notes in Electrical Engineering*, 376(January), 53–63. https://doi.org/10.1007/978-981-10-0557-2 6
- Lindström, F., & Robertsson, H. (2020). Cloud ERP and its Critical Success Factors in Small Swedish Firms. https://www.divaportal.org/smash/record.jsf?pid=diva2:1446261
- López, C., & Ishizaka, A. (2017). GAHPSort: A new group multi-criteria decision method for sorting a large number of the cloud-based ERP solutions. *Computers in Industry*, 92–93, 12–25. https://doi.org/10.1016/j.compind.2017.06.007
- Mahara, T. N. (2013). Indian SMEs Perspective for election of ERP in cloud. Journal of International Technology & Information Management, 22(1), 85–94. http://libaccess.mcmaster.ca/login?url=http://search.ebscohost.com/login.aspx?direct=t rue&db=bth&AN=95588446&site=bsi-live
- Marinho, M., Prakash, V., Garg, L., Savaglio, C., & Bawa, S. (2021). Effective cloud resource utilisation in cloud erp decision-making process for industry 4.0 in the united states. *Electronics (Switzerland)*, 10(8). https://doi.org/10.3390/electronics10080959
- Mashud Abukari, A., Kwedzo Bankas, E., & Iddrisu Muniru, M. (2020). An Efficient Threshold Cryptography Scheme for Cloud ERP Data. International Journal on Cryptography and Information Security, 10(1), 1–9. https://doi.org/10.5121/ijcis.2020.10101
- Masood, T., & Sonntag, P. (2020). Industry 4.0: Adoption challenges and benefits for SMEs. *Computers in Industry*, 121, 103261. https://doi.org/10.1016/j.compind.2020.103261
- Meghana H L, Asish Oommen Mathew, Lewlyn L R Rodrigues (2018), "Prioritizing the factors affecting cloud ERP adoption – An Analytic Hierarchy Process approach", International Journal of Emerging Markets
- Mezghani, K. (2018). Effects of Personal Innovativeness on IS Managers' Intentions to Switch Toward Cloud ERP in Saudi SMEs. *The Electronic Journal Information*

Systems Evaluation, 21(1), 46–61. www.ejise.com

- Michael, G. (2022). Product lifecycle management.
- Moller, C. (2004). ERP II-Next-generation extended enterprise resource planning. Organizing for networked information technologies: readings in process integration and transformation.
- Msabah, M. S., & Seif Msabah, M. (2014). Decision moving ERP to cloud in SMEs using Cloud contingency framework (A study on the customer's perspective) Title: Decision moving ERP to cloud in SMEs using Cloud contingency framework (A study on the customer's perspective). March.
- Nguyen, T. D., Huynh, T. T., Van, U. H., & Pham, T. M. (2019). The role of innovation in cloud-based ERP adoption. Lecture Notes in Computer Science (Including Subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics), 11703 LNCS, 240–252. https://doi.org/10.1007/978-3-030-28957-7\_20
- Nguyen, T. D., & Luc, K. V. T. (2018). Information systems success: Empirical evidence on cloud-based ERP. In *Lecture Notes in Computer Science (including* subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics): Vol. 11251 LNCS. Springer International Publishing. https://doi.org/10.1007/978-3-030-03192-3\_36
- Nouri Koupaei, M., Mohammadi, M., & Naderi, B. (2016). An integrated enterprise resources planning (ERP) framework forflexible manufacturing systemsusing business intelligence (BI) tools. *International Journal of Supply and Operations Management*, 3(1), 1112-1125.
- Nowak, D., & Kurbel, K. (2017). Understanding the flexibility of cloud ERP software. Lecture Notes in Business Information Processing, 285, 135–146. https://doi.org/10.1007/978-3-319-58801-8 12
- Ongowarsito, H., Hendra, & Ekawati, A. D. (2019). Cloud EPR Adoption factors in Large Companies. Proceedings of 2019 International Conference on Information Management and Technology, ICIMTech 2019, 1, 230–233. https://doi.org/10.1109/ICIMTech.2019.8843810
- Opara-Martins, J., Sahandi, R., & Tian, F. (2016a). Critical analysis of vendor lock-in and its impact on cloud computing migration: a business perspective. *Journal of Cloud Computing*, 5(1). https://doi.org/10.1186/s13677-016-0054-z
- > Opara-Martins, J., Sahandi, R., & Tian, F. (2016b). Implications of integration and

interoperability for enterprise cloud-based applications. *Lecture Notes of the Institute* for Computer Sciences, Social-Informatics and Telecommunications Engineering, LNICST, 167, 213–223. https://doi.org/10.1007/978-3-319-38904-2\_22

- Östling, F., & Fredriksson, J. (2012). Adoption factors for cloud based enterprise resource planning systems: And how system vendors can act on these. http://kth.divaportal.org/smash/record.jsf?pid=diva2:579518
- Owusu, A. (2020). Determinants of Cloud Business Intelligence Adoption Among Ghanaian SMEs. International Journal of Cloud Applications and Computing, 10(4), 48–69. https://doi.org/10.4018/ijcac.2020100104
- Palos-Sanchez, P. R., Arenas-Marquez, F. J., & Aguayo-Camacho, M. (2017). Cloud Computing (SaaS) Adoption as a Strategic Technology: Results of an Empirical Study. *Mobile Information Systems*, 2017. https://doi.org/10.1155/2017/2536040
- Park, J., Shin, K., Chang, T. W., & Park, J. (2010). An integrative framework for supplier Relationship Management. *Industrial Management & Data Systems*, 110(4), 495–515. https://doi.org/10.1108/02635571011038990
- Pedro R. Palos, Francisco J. Arenas and Mariano Aguayo (2017), Cloud Computing (SaaS) Adoption as a Strategic Technology: Results of an Empirical Study, Hindawi Mobile Information Systems, Article ID 2536040, 20 pages https://doi.org/10.1155/2017/253604
- Ploder, C., Dilger, T., & Bernsteiner, R. (2021, January). Success Factors for the Implementation of a Cloud-based ERP System at Personnel Service Companies. In Software Engineering (Satellite Events).
- Popli, G. S., & Sarin, G. (2015). Factors that Influence Selection of Cloud ERP for Indian SMEs: An Empirical Study. SSRN Electronic Journal. https://doi.org/10.2139/ssrn.2707480
- Prichard, W. (2021, November 23). Announcing Oracle Cloud Infrastructure AI services [web log]. Retrieved December 11, 2022, from https://blogs.oracle.com/cloud-infrastructure/post/announcing-oci-ai-services.
- Priyadarshinee, P., Raut, R. D., Jha, M. K., & Kamble, S. S. (2017). A cloud computing adoption in Indian SMEs: Scale development and validation approach. *Journal of High Technology Management Research*, 28(2), 221–245. https://doi.org/10.1016/j.hitech.2017.10.010
- > Qian, L. Y., Baharudin, A. S., & Kanaan-Jebna, A. (2016). Factors affecting the

adoption of enterprise resource planning (ERP) on cloud among small and medium enterprises (SMES) in Penang, Malaysia. *Journal of Theoretical and Applied Information Technology*, 88(3), 398–409.

- R.Baskaran, & Associate. (2018). ISSN: 1748-0345 (Online) www.tagajournal.com. 14, 2505–2528.
- Razzaq, A., Asmai, S. A., Abidin, Z. Z., Talib, M. S., Ali, M. F., & Mohammed, A. A. (2021). Propose a conceptual framework for the cloud ERP adoption among malaysian smes. *Journal of Engineering Science and Technology*, 16(4), 3387–3406.
- Rodrigues, J., Ruivo, P., Johansson, B., & Oliveira, T. (2016). Factors for adopting ERP as SaaS amongst SMEs: The customers vs. Vendor point of view. *Information Resources Management Journal*, 29(4), 1–16. https://doi.org/10.4018/IRMJ.2016100101
- Saa, P., Costales, A. C., Moscoso-Zea, O., & Lujan-Mora, S. (2017). Moving ERP Systems to the Cloud - Data Security Issues. *Journal of Information Systems Engineering & Management*, 2(4). https://doi.org/10.20897/jisem.201721
- Salim, S. A., Sedera, D., Sawang, S., Alarifi, A. H. E., & Atapattu, M. (2015). Moving from evaluation to trial: How do SMEs start adopting cloud ERP? *Australasian Journal of Information Systems*, 19(October), S219–S245. https://doi.org/10.3127/ajis.v19i0.1030
- Salum, K. H., & Rozan, M. Z. A. (2017). Conceptual model for cloud ERP adoption for SMEs. *Journal of Theoretical and Applied Information Technology*, 95(4), 743– 756.
- Sandu, Raj & Gide, Ergun & Karim, Shakir. (2018). Sandu, R. Gide., E.,Karim, S. (2017). The Impact of Innovative Strategies to Influence the Adoption of Cloud Based Service Success in Indian Small and Medium Enterprises (SMES).
- Scholtz, B., & Atukwase, D. (2016). An Analysis of the Perceived Benefits and Drawbacks of Cloud ERP Systems: A South African Study. *Springer Proceedings in Business and Economics*, 75–87. https://doi.org/10.1007/978-3-319-25153-0
- Schwarz, L. (2016). How Cloud ERP Compares to On-premise ERP [web log]. Retrieved 2022, from https://www.netsuite.com/portal/resource/articles/on-premiseclouderp.shtml#:~:text=The%20basic%20difference%20between%20on,is%20provide d%20as%20a%20service.
- Sener, U., Gökalp, E., & Erhan Eren, P. (2016). Cloud-based enterprise information systems: Determinants of adoption in the context of organizations. *Communications in*

Computer and Information Science, 639, 53-66. https://doi.org/10.1007/978-3-319-46254-7 5

- Seethamraju, R. (2014). Adoption of software as a Service (SAAS) enterprise resource planning (ERP) systems in small and Medium Sized Enterprises (smes). *Information Systems Frontiers*, 17(3), 475–492. https://doi.org/10.1007/s10796-014-9506-5
- Serrano, N., Gallardo, G., & Hernantes, J. (2015). Infrastructure as a service and cloud technologies. *IEEE Software*, 32(2), 30-36.
- Singh, R. P. (2017). Survey Analysis of SMEs By Using Cloud Computing. 5(4), 598– 604. www.ijedr.org
- Sædberg, A., & Haddara, M. (2016). An Exploration Of Adoption Factors For Cloud-Based ERP Systems In The Public Sector. *Konferanse for Organisasjoners Bruk Av IT*, 24(1894–7719), 28–30. http://ojs.bibsys.no/index.php/Nokobit/article/view/333
- Tarhini, A., Masa'deh, R., Al-Badi, A., Almajali, M., & Alrabayaah, S. H. (2017). Factors Influencing Employees' Intention to Use Cloud Computing. *Journal of Management and Strategy*, 8(2), 47. https://doi.org/10.5430/jms.v8n2p47
- Thangavel, C., & Sudhaman, P. (2017). An exploratory case study on cloud ERP implementation. *International Journal of Information and Communication Technology*, 10(2), 148–161. https://doi.org/10.1504/IJICT.2017.082083
- Thomas, A. (2014). Digital MSME Scheme [web log]. Retrieved 2022, from https://www.indiafilings.com/learn/digital-msme-scheme/.
- Tripathi Dr., S. (2017). Understanding the determinants affecting the continuance intention to use cloud computing. *Journal of International Technology and Information Management*, 26(3), 124.
- Truong, D. (2014). Cloud-based solutions for supply chain management: A postadoption study. ASBBS Proceedings, 21(1), 697.
- Usman, U. M. Z., Ahmad, M. N., & Zakaria, N. H. (2019). The determinants of adoption of cloud-based ERP of Nigerian's SMEs manufacturing sector using TOE framework and DOI theory. *International Journal of Enterprise Information Systems*, 15(3), 27–43. https://doi.org/10.4018/IJEIS.2019070102
- Usman, U. M. Z., Ahmad, M. N., Zakaria, N. H., & Alkurdi, A. A. H. (2017). A review of key factors of cloud enterprise resource planning (ERP) adoption by SMEs. *Journal of Theoretical and Applied Information Technology*, 95(16), 3884–3901.
- Van Slooten, K., & Yap, L. (1999). Implementing ERP information systems using SAP.

- Verma, P. (2021). Business news. MSME: Why technology is the only path to sustained growth for MSMEs - The Economic Times. Retrieved January 27, 2022, from https://m.economictimes.com/small-biz/sme-sector/why-technology-is-the-onlypath-to-sustained-growth-for-msmes/amp articleshow/80281133.cms
- Walther, S., Sarker, S., Urbach, N., Sedera, D., Eymann, T., & Otto, B. (2015). Exploring organizational level continuance of cloud-based enterprise systems. 23rd European Conference on Information Systems, ECIS 2015, 2015-May.
- Waters, B. (2005). Software as a service: A look at the customer benefits. Journal of Digital Asset Management, 1(1), 32-39.
- Wong, L. W., Leong, L. Y., Hew, J. J., Tan, G. W. H., & Ooi, K. B. (2020). Time to seize the digital evolution: Adoption of blockchain in operations and supply chain management among Malaysian SMEs. *International Journal of Information Management*, 52, 101997.
- Yang, H. L., & Lin, S. L. (2015). User continuance intention to use cloud storage service. *Computers in Human Behavior*, 52, 219–232. https://doi.org/10.1016/j.chb.2015.05.057
- Yu, Y., Li, M., Li, X., Zhao, J. L., & Zhao, D. (2018). Effects of entrepreneurship and IT fashion on SMEs' transformation toward cloud service through mediation of trust. *Information and Management*, 55(2), 245–257. https://doi.org/10.1016/j.im.2017.07.001
- Zamzeer, M., Alshamaileh, Y., Alsawalqah, H. I., Hassan, M. A., Fannas, E. J., & Almubideen, S. S. (2020). Determinants of cloud ERP adoption in Jordan: An exploratory study. *International Journal of Business Information Systems*, 34(2), 204. https://doi.org/10.1504/ijbis.2020.108342
- Zhang, X. (2019). Drivers affecting cloud ERP deployment decisions: an Australian study. CoRR, abs/1911.1(27210626). https://arxiv.org/abs/1911.11309
- Zieliński, R., Kot, S., & Zielińska, K. (2020). Assessment of Benefits and Disadvantages of Implementing Cloud-Specific Solutions in Polish Companies on the Example of ERP Systems. 1–24.

#### WEBSITES

- 1. www.dl.acm.org
- 2. <u>www.rspsciencehub.com</u>
- 3. <u>www.tandfonline.com</u>
- 4. <u>www.ieeexplore.ieee.org</u>
- 5. <u>www.sajbm.org</u>
- 6. <u>www.papers.ssrn.com</u>
- 7. <u>www.koreascience.com</u>
- 8. www.shodhganga.inflibnet.ac.in
- 9. <u>www.ijcmit.com</u>
- 10. www.mdpi.com
- 11. www.researchgate.net
- 12. www.precisely.com
- 13. www.link.springercom
- 14. www.informatica.com
- 15. <u>www.to-increase.com</u>
- 16. www.ideas.repec.org
- 17. <u>www.international.vlex.com</u>
- 18. www.indiafilings.com
- 19. <u>www.erp-information.com</u>
- 20. www.sagesoftware.co.in
- 21. www.letstranzact.com
- 22. www.netsuite.com
- 23. <u>www.sap.com</u>
- 24. <u>www.erpresearch.com</u>
- 25. <u>www.qad.com</u>
- 26. <u>www.uneecops.com</u>
- 27. www.sapcloudone.com
- 28. www.lighthouseindia.com
- 29. www.itconvergence.com
- 30. <u>www.cio.com</u>
- 31. <u>www.oracle.com</u>
- 32. www.techtarget.com
- 33. <u>www.coramodel.com</u>
- 34. <u>www.erpnews.com</u>
- 35. <u>www.letstranzact.com</u>
- 36. www.jstor.org
- 37. <u>www.itconvergence.com</u>
- 38. www.terillium.com

**APPENDICES** 

### **Appendix A - Questionnaire**

## Questionnaire

# CONTINUANCE INTENTION USAGE OF CLOUD ERP AMONG MSMEs IN COIMBATORE

Dear Sir/Madam,

I am Lakshmi A. S., a Ph.D. Research Scholar in Management, under the guidance of Dr. S Kavitha, PSGR Krishnammal College for Women, Coimbatore. I am carrying out research titled "CONTINUANCE INTENTION USAGE OF CLOUD ERP AMONG MSMEs IN COIMBATORE". I request you to kindly participate in the study. It will take only a few minutes to complete the questionnaire. I express my sincere gratitude for filling up the questionnaire and the information provided is purely for my research and will be kept confidential.

Thank you very much for your kind response.

Yours Sincerely Lakshmi A.S. Ph. D Scholar PSGR Krishnammal College for Women Coimbatore

Email ID :

#### PART – 1: BASIC DATA OF THE ORGANIZATION

- 1. Name of the Organization
- 2. Nature of the Organization
  - Private limited organization
  - Public limited organization
  - Partnership
  - Sole Proprietor
  - Family owned business
  - Others

- 3. Type of Business
  - Retail Trading
  - Export
  - Manufacturing
  - Services
  - Real Estate
  - Farming
  - Others
- 4. Category of the Organization
  - Micro
  - Small
  - Medium
- 5. For how long has your organization been in operation?
  - Upto 1 year
  - Between 2 and 5 years
  - Between 6 and 10 years
  - Between 11 and 15 years
  - Over 16 years
- 6. How many people are employed by your organization?
  - 1-9
  - 10 49
  - 50 249
- 7. Which type of cloud services are you already using? (Please specify)
  - SAP
  - Microsoft Azure
  - Oracle Cloud Infrastructure
  - Hybrid Cloud
  - Hosting SAP with Wipro Cloud
  - Hosting SAP server with Cloud on AWS
  - MVC Cloud ERP
  - SAP S4 HANAA
  - Roadmap Cloud ERP

- Zoho Cloud ERP
- Ramco Cloud ERP
- ERP on SWAP Cloud
- ERP on SQL Cloud Service
- Softwings Cloud
- Others
- 8. How long do you use Cloud ERP in your organization?
  - 0-1 year
  - 2-3 years
  - 4-5 years
  - Above 5 years

## **PART- 2: BASIC INFORMATION OF THE RESPONDENTS**

- 9. Gender
  - Male
  - Female
- 10. Age
  - 20-30 years
  - 31-40 years
  - 41-50 years
  - Above 50 years
- 11. Designation
  - CEO
  - Manager
  - IT Manager
  - Proprietor/Owner
  - Others
- 12. Qualification
  - Art & Science
  - Engineering
  - MBA / MCA
  - Any Certification Courses
  - Others

#### 13. Experience in this business

- 0-5 years
- 6-10 years
- 11-15 years
- More than 15 years

# PART-3 : DETERMINANTS OF THE CONTINUANCE INTENTION OF THE USAGE OF CLOUD ERP IN MSMEs

Please indicate your opinion about the continuance intention of Cloud ERP usage in your organization. Against each statement given below, please select the appropriate option on a scale of strongly agree to strongly disagree to indicate the extent of your agreement with the statement

5- Strongly Disagree	4- Disagree	3- Neutral	2- Agree	1- Strongly Agree
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Factors	Variables	Description	Scale				
System Quality (SQ)	SQ1	The response from cloud ERP is fast, consistent, and reasonable	5	4	3	2	1
	SQ2	Cloud ERP allows to find the information easily what the organization is looking for					
	SQ3	Cloud ERP can effectively combine data from different departments across the entire organization					
	SQ4	Cloud ERP is reliable					
	SQ5	Dealing suddenly with a huge amount of data can be easily be managed in Cloud ERP					
	SQ6	Cloud ERP has more rapid discovery and					

		restoring capabilities		
Information Quality (IQ)	IQ1	Cloud ERP provides accurate information		
	IQ2	Cloud ERP provides the information that the organization needs in a timely manner		
	IQ3	Cloud ERP provides new, updated and sufficient information		
	IQ4	Cloud ERP automatically removes the duplicate data		
	IQ5	Cloud ERP improves access to information for the organization		
Environmental Context (EC)	EC1	Variance is experienced in the service quality of different cloud vendors.		
	EC2	It would be very difficult to change a cloud vendor due to legal and contractual restrictions		
	EC3	When adopting a cloud- based ERP of a specific vendor, it is unavoidable to accept the guidelines of the vendor even if it is unreasonable		
	EC4	It is observed that organization in the same industry are using Cloud-based ERP		
	EC5	It is observed that organization in the same size use Cloud-based ERP		
	EC6	Many of the partner organization use Cloud-based ERP		

Cloud Security & Data Privacy (CSP)	CSP1	Cloud ERP service provided is free from data lossCloud ERP server and data centers are secured		
	CSP2	The organization cares about the risks of phishing and cyber-attacks by adopting Cloud ERP		
	CSP3	The organization adopted cloud ERP because it is secured		
	CSP4	By adopting Cloud ERP, the organization does not need to worry about malicious intruders intrude into the organization's systems		
	CSP5	Learning to operate cloud ERP system is easy		
Cost Effectiveness (CE)	CE1	Cloud ERP reduces the maintenance cost		
	CE2	Cloud ERP aids the organization from paying extra to buy the whole system		
	CE3	The pay-as-you-go type of payment made the organization to adopt Cloud ERP		
	CE4	Cloud ERP reduces the installation cost		
	CE5	Cloud ERP gives an excellent improvement in business		
Perceived Ease of Use (PEU)	PEU1	Cloud ERP usage increases the productivity of the organization		
	PEU2	Cloud ERP made it easier to do the job		

	PEU3 PEU4 PEU5 PEU6	Cloud ERP system provides reports to the organization that seems to be just about exactly what the organization needs Cloud ERP improved the job performance Cloud ERP enabled us to accomplish tasks more quickly. Cloud ERP saves money and time of the			
		organization			
Perceived Usefulness (PU)	PU1	It is easy to get the ERP system to do what the organization wants it to do			
	PU2	Cloud ERP system is easy to use			
	PU3	Interaction with the Cloud ERP system is clear and understandable			
	PU4	It is easy to become skillful at using the system.			
	PU5	Interacting with Cloud ERP does not require a lot of mental effort			
Expected Performance (EP)	EP1	Cloud ERP decreases cycle time			
	EP2	Cloud ERP helps in better quality decision-making, planning and resource management			
	EP3	Cloud ERP improves customer service			
	EP4	Cloud ERP gives an excellent improvement in business			
	EP5	Cloud ERP supports the business alliance			

Continuance Intention (CI)	CI1	Cloud ERP is intended to continue using in the future			
	CI2	Cloud ERP will be used on a regular basis in the future			
	CI3	Cloud ERP will be used frequently in the future			
	CI4	The intention of the organization is to continue using Cloud ERP than use any alternative means			

### **Appendix B – Publications**

#### LIST OF PAPER PUBLICATIONS DURING MY PH.D.PROGRAMME

- "The Impact of Enterprise Resource Planning in Textile Industries", Asian Journal of Multidimensional Research, ISSN: 2278-4853, Vol 18, Spl Issue 1, May 2019, Page: 13-19.
- "Factors Determining the Usage of Enterprise Resource Planning- A Literature Review", Dogo Rangsang Research Journal, ISSN: 2347-7180, Vol-10, Issue-06,5 June 2020, Page: 229-240.
- "The Impact of Cloud ERP on the Perceived Performance of Small and Medium Enterprises in Coimbatore", Journal of Management & Entrepreneurship, ISSN: 2229 -5348, Vol: 16, No. 01(IIV), January - March 2022, Page: 156 – 164.
- 4. "A Study On The User Satisfaction Of Cloud ERP Among MSMEs In Coimbatore", Kanpur Philosophers with ISSN 2348-8301, Volume-9, Issue-2, No. 8, Page No. 162 to 174 and year of publication December 2022 published by New Archaeological & Genological Society.

### PAPERS PRESENTED IN INTERNATIONAL/NATIONAL CONFERENCE

- Paper titled **"The Impact of Enterprise Resource Planning Implemented in Textile Industries"** is presented in International Conference- March 2019 on "Industry 4.0 Developing Sustainable Competitive Strategies", by GRG School of Management Studies, Peelamedu.
- Paper titled "Factors Influencing the Usage of Enterprise Resource Planning A Literature Review" is presented in National Seminar- February 2020 on "AIRBEOC 2020" by Acharya Institute of Graduate Studies, Bengaluru.
- Paper titled "Role of Cloud ERP During COVID-19 in SMEs" is presented in Virtual Conference- August 2020 on "Metamorphosis of Modern Management and Research (IC 3MR 2.0)", by Bannari Amman Institute of Technology, Sathyamangalam.
- Paper titled "Impact of Cloud ERP on the Perceived Performance of Small and Medium Enterprises in Coimbatore" is presented in Virtual Conference- October

2021 on "Emerging Trends in Accounting", by GITAM Hyderabad Business School, Hyderabad.

- Paper titled "A Study on the User Satisfaction of Cloud ERP Among MSMEs in Coimbatore" is presented in Virtual Conference- December 2021 on "Metamorphosis of Modern Management and Research (NC 3MR 2.0)", by Bannari Amman Institute of Technology, Sathyamangalam.
- Paper titled "The Impact Of Benefits And Barriers Of Cloud ERP On The Perceived Performance of Micro, Small And Medium Enterprises in Coimbatore" is presented in Second International Conference on Reinventing Business Practices, Startups and Sustainability(ICRBSS) by SRM University, Chennai in Association with University of NIZWA, Oman.

### FACULTY DEVELOPMENT PROGRAMME ATTENDED

- Attended 17 days (14<sup>th</sup> June 30<sup>th</sup> June 2021) Online Certificate Programme on "Advance Research Methodology", organized by ASBM University, Bhubaneswar
- Attended 5 days (15th 19th July 2020) Faculty Development Program on "Academic Enhancement Through Quality Research", organized by Department of Management Studies, BSAITM, Faridabad.
- Attended 7 days (20th 26th July, 2020) Online Faculty Development Program on "Research Methodology: Data Analysis, Reporting & Publication Perspectives", organized by Bharathiar School of Management and Entrepreneur Development (BSMED), Bharathiar University, Coimbatore.
- Attended 6 days (30 November 05 December 2020) AICTE sponsored Online Short
   Term Training Programme (STTP) on "Application of R in Management Research" organized by Department of Management, PSGR Krishnammal College for Women, Coimbatore.
- Attended 2 week (02 14 December 2019) AICTE Sponsored Faculty Development Programme on "Research Skill Development for Management Faculty", organized by Department of Management, PSGR Krishnammal College for Women, Coimbatore.

#### WORKSHOP ATTENTED

- Attended one day workshop (2<sup>nd</sup> November 2022) on "Research to Publication", by Dr.
   B.Jeyapragash, Associate Professor, Bharathidasan University, Tiruchirapalli and Dr.
   K. Ramasamy, M.V. Muthiah Government Arts College forWomen, Dindigul.
- Attended three days workshop (18<sup>th</sup> June 20<sup>th</sup> June 2022) on "Academic Writing Ethical Issues" by Dr. V. Gopakumar organized by Global Institute of Statistical Solutions.
- Attended three days (18<sup>th</sup> December 20<sup>th</sup> December, 2021) International online Workshop on "Structural Equation Model and Confirmatory Factor Analysis using AMOS" by Dr. R. Ravanan, Joint Director of Collegiate Education, Chennai.
- Attended three days (24<sup>th</sup> September 26<sup>th</sup> September 2021) International Online Workshop on "Basic Statistical Analysis and its Interpretation Using SPSS" by Dr. R. Ravanan, Joint Director of Collegiate Education, Chennai.