REFERENCES

- Abdillah, A. R., Nugroho, A., & Noviani, L. (2016). Optimalisasi teknologi informasi di jurusan pemasaran SMK Negeri 1 Banyudono. Jurnal Pendidikan Bisnis dan Ekonomi. 2(1) doi:http://dx.doi.org/10.20961/bise.v2i1 17904.
- Adıyaman, Z. (2002). A critical review of technology use in English as foreign language learning and teaching. *The Turkish Online Journal of Educational Technology*, 1(1), 92– 97.
- Agudo, J., & de, D. M. (2014). English as a foreign language teacher education: Perspectives and challenges. Retrieved from http://www.amazon.com/English-language-education.
- Ainley, J., Banks, D., & Fleming, M. (2002). The influence of IT: Perspectives from five Australian schools. *Journal of Computer Assisted Learning*, 18(4), 395-404.
- Alan, S., & Gary, J. (2011). Perception, attribution, and judgment of others. *Organizational behaviour: Understanding and managing life at work, 7,* 1-20.
- Al-Alwani, A.E.S. (2005). Barriers to integrating information technology in pre-service EFL teacher training. *Arab world English Journal*, 2(2), 133-166.
- Alley, L. R., & Jansak, K. E. (2001). The ten keys to quality assurance and assessment in online learning. *Journal of Interactive Instruction Development*, *13*(3), 3-18.
- Ali, G. (2013). The role of ICT to make teaching-learning effective in higher institutions of learning in Uganda. *International Journal of Innovative Research in Science, Engineering and Technology*, 2(8), 4061-4073.
- Alwasilah, C. A. (2011). Pokoknya kualitatif: Dasar dasar merancang dan melakukan penelitian kualitatif. Jakarta. Penerbit Pustaka Jaya.
- Anderson, J., & Glenn, A. (2003). Building capacity of teachers/facilitators in technologypedagogy integration for improved teaching and learning. Unesco, Asia and Pasific Regional Bureau for Education.
- Ary, D., Jacobs, L. C., Sorensen, C., & Razavieh, A. (2010). Introduction to research in education. Belmont, CA: Cengage Learning.
- Barak, M., Lipson, A., & Lerman, S. (2006). Wireless laptops as means for promoting active learning in large lecture halls. *Journal of Research on Technology in Education*, 38(3), 245-263.
- Basoglu, B., & Akdemir, O. (2010). A comparison of undergraduate students' English vocabulary learning: Using mobile phones and flash cards. *The Turkish Online Journal of Educational Technology*, 9(3), 1-7.
- Bauer, J., & Kenton, J. (2005). Toward technology integration in the schools: Why it isn't happening. *Journal of technology and teacher education*, *13*(4), 519-546,

Bebell, D., Russell, M., & O'Dwyer, L. (2004). Measuring teachers' technology uses. Journal

of Research on Technology in Education, 37(1), 45-63, doi: 10.1080/15391523.2004.10782425

- Becta (British Educational Communication and Technology Agency). (2004). A review of the Research Literature on Barriers to the Uptake of ICT by teachers. Retrieved from http://dera.oie.ac.uk/1603/1/.
- Beggs, T. (2000).Influences and barriers to the adoption of instructional technology. Mid-South Instructional Technology Conference.
- Belz, J. (2002). Social dimension of tele collaborative foreign language study. *Language Learning Technology*, 6(1), 60-81. doi.org/10125/25143.
- Bernstein, L. E., Auer Jr, E. T., Jiang, J., & Eberhardt, S. P. (2013). Auditory perceptual learning for speech perception can be enhanced by audiovisual training. *Frontiers in neuroscience*, 7, 34.
- Berry, R. S. (1999). Collecting data by in-depth interviewing. Education-line.
- Brophy, J. (1987). Synthesis of research on strategies for motivating students to learn, *Educational Leadership*, 4(2), 40-48.
- Brown, H. D. (2001). *Teaching by principles: An interactive approach to language pedagogy*. Engleword Cliffts: Prentice Hall.
- Bruniges, M. (2003). *Developing performance indicators for ICT use in education: Australi's experience*. Retrieved from http://www2 Unes cobkk. org/education/ict/info.
- Buchem, I., & Camacho, M. (2011). M-project: First Steps to applying action research in designing a mobile learning course in higher education. *Mobile learning: Crossing boundaries in convergent environments, 123.*
- Butler-Pascoe, M. E., & Wiburg, K. M. (2003). *Technology and teaching English language learners*. Boston: Allyn and Bacon.
- Cahyani, H., & Cahyono, B. Y. (2012). Teachers ' attitudes and technology use in Indonesian EFL classrooms. *TEFLIN Journal*, 23(2), 130–148.
- Carlson, S., & Gadio, C.T. (2003). Teachers Professional Development in the Use of Technology (Electronic Version). Technologies for Education. Retrieved 15/09/2008 from <u>www.TechKnowLogia.org</u>.
- Chan, N. P., & Jeong-Bae, S. (2009). Implementing computer-assisted language learning in the EFL classroom: Teachers' perceptions and perspective. *Journal International of Pedagogical and Learning*, 5(2), 80-101. doi: 10.5172/ijpl.5.2.80s
- Chen, T. (2003). Recommendations for creating and maintaining effective networked learning com. *International Journal of Instructional Media*, *30*(1), 35–44.
- Cheng, H. Y. (2012). *Applying Twitter to EFL reading and writing in a Taiwanese college setting* (Doctoral dissertation).
- Cherry, C. (2014). Perception of the importance of human-animal interactions on cattle flow

and worker safety on Minnesota dairy farms. Journal of dairy science, 97(7), 4632-4638.

- Chien, S. P. Wu, H. K., & Hsu, Y. S. (2014). An investigation of teachers' beliefs and their use of technology-based assessments. *Computers in Human Behavior*, *31*(1), 198–210. doi:10.1016/j.chb.2013.10.037.
- Cohen, W. M., & Levinthal, D. A. (2000). Absorptive capacity: A new perspective on learning and innovation. In *Strategic Learning in a Knowledge economy* (pp. 39-67).
- Collis, B., & Moonen, J. (2012). Flexible learning in a digital world: Experiences and expectations. Routledge.
- Condie, R., & Munro, B. (2007). The impact of ICT in schools a landscape review. Becta, (January), 92. Retrieved from http://strathprints.strath.ac.uk/8685/
- Congress, U. S. (1995). *Teachers and technology: Making the connection*. Washington, DC: Government Printing Office. IX et.
- Conole, G., De Laat, M., Dillon, T., & Darby, J. (2008). Disruptive technologies', 'pedagogical innovation': What's new? Findings from an in -depth study of students' use and perception of technology. *Computers and Education*, 50(2), 511-524.
- Creswell, J. W. (2012). Educational research: Planning, conducting, and evaluating quantitative and qualitative research (4th ed.). Boston: Pearson.
- Creswell, J. W. (2014). *Research design: Qualitative, quantitative, and mixed methods approaches* (4th ed.). California: SAGE Publications, Inc.
- Crystal, D. (2003). *English as a global language (review)*. Cambridge: Cambridge University Press.
- Cuttance, P. (2001). The impact of teaching on student learning. In K.J. Kennedy, *Beyond the rhetoric: Building a teaching profession to support quality teaching*. Australian College of Education.
- Dang, X. T. (2011). Factors influencing teachers' use of ICT in language teaching: A case study of Hanoi University, Vietnam. In *International Conference "ICT for Language Learning" 4th edition, Simonelli Editore, 20th-21st October*. Retrieved from http://www.pixel-online.org/ICT4LL2011.
- Darasawang, P., & Reinders, H. (2010). Encouraging autonomy with an online language support system. *CALL-EJ Online*, *11*(2), 11-2.
- Davies, G., & Hewer, S. (2009). Introduction to new technologies and how they can contribute to language learning and teaching. Module 1.1. Information and Communications Technology for Language Teachers (ICT4LT), Slough, Thames Valley University [Online].

Deeler & Grey. (2000). How to use the Internet in ELT. Longman

Donahoo, S., & Whitney, M. (2006). Knowing and getting what you pay for: Administration, technology, and accountability in K-12 schools. In *Technology and Education: Issues in Administration, Policy, and Applications in K12 Schools* (pp. 125-142). Emerald Group Publishing Limited.

- Dudeney, G., & Hockly, N. (2007). *How to teach English with technology*. Harlow: Pearson Longman.
- Effendi, T. (2017). The students' perception of the implementation of ICT-supported projectbased learning in English teaching. *Indonesian Journal of English Teaching*, 6(2), 167-183. doi:dx.doi.org/10.15642.
- Egbert, J., Paulus, T. M., & Nakamichi, Y. (2002). The impact of CALL instruction on classroom computer use: A foundation for rethinking technology in teacher education. *Language Learning of Technology*, *6*(3), 108-126.
- Ellinger, B. S., Sandler, D.D., Chayen, K., Goldfrad, J., & Yarosky. (2009). Weaving the web into an EAP reading program. *English Teaching Forum*, *39*(2), 150-158.
- Ellis, R. (1994). The study of second language acquisition. Oxford: Oxford University Press.
- Elkeelany, Omar, et al. (2002). Performance analysis of IPSec protocol: encryption and authentication. In *IEEE International Conference on Communications*. Conference Proceedings. ICC 2002 Cat. No. 02CH37333. 2 pp. 1164-1168.
- Ertmer, P. A., Conklin, D., Lewandowski, J., Osika, E., Selo, M., & Wignall, E. (2003). Increasing preservice teachers' capacity for technology integration through the use of electronic models. *Teacher Education Quarterly*, 30(1), 95-112.
- Ertmer, P. A., (2005). Teacher pedagogical beliefs: The final frontier in our quest for technology integration? *Educational Technology Research and Development*, 53(4), 25-39. doi: 10.1016/j.compedu.2005.02.001.
- Fatemi, E. (1999). Building the digital curriculum. Education Week on the Web [Online].
- Felix, U. (2001). A multivariate analysis of students' experience of web based learning. *Australasian Journal of Educational Technology*, 17(1).
- Finger, G., & Trinidad, S. (2002). ICTs for learning: An overview of systemic initiatives in the Australian states and territories. *Australian Educational Computing*, *17*(2), 3-14.
- Finger, G. (2003). Information and communication technologies (ICTs) in education: The emergence of digital content initiatives and systemic ICT in Australia. Conference, Penang, Malaysia.
- Fitriyadi, H. (2013). Integrasi teknologi informasi komunikasi dalam pendidikan: Potensi manfaat, masyarakat berbasis pengetahuan, pendidikan nilai, strategi implementasi. *Jurnal Pendidikan Teknologi Dan Kejuruan, 21*(3), 269–284.
- Fredriksson, U., Gajek, E., & Jedeskog, G. (2009). Ways to use ICT in schools to optimize the impact on teaching and learning. *Acta Didactica Napocensia*, 2(4), 21-32.
- Fullan, M., & Forces, C. (1993). *Probing the depths of educational reform*. Levittown, PA and London: The
- Galbraith, P., & Haines, C. (1998). Student and teacher views about technology. Journal of Research on Technology in Education, 39(4), 377-397, doi: 10.1080/15391523.2007.10782488.
 Selli Hernawati S, 2019

TECHNOLOGY INTEGRATION IN A SECONDARY EFL CLASSROOM: PROCESS, CHALLENGES AND PERCEPTION Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Ghavifekr, S., Razak, A. Z. A., Ghani, M. F. A., Ran, N. Y., Meixi, Y., & Tengyue, Z. (2014). ICT Integration in Education: Incorporation for Teaching & Learning Improvement. *Malaysian Online Journal of Educational Technology*, 2(2), 24-45.
- Gisbert, C. M. (2001). Interactive resources in secondary education: Design and application. *International Journal of Learning*, 17(2).
- Gorder, L. M. (2008). A study of teacher perceptions of instructional technology integration in the classroom. *Delta Pi Epsilon Journal*, *50*(2), 63-76.
- Hamied, F. A. (2017). *Research methods: A guide for first-time researchers*. Bandung: UPI Press.
- Hall, I., & Higgins, S. (2005). Primary school students' perceptions of interactive whiteboards. *Journal of Computer assisted learning*, 21(2), 102-117.
- Harris, J., Grandgenett, N., & Hofer, M. (2010). Testing a TPACK- based technology integration assessment rubric. In *Society for Information Technology & Teacher Education International Conference* pp. 3833-3840.
- Hay. (2001). Technology integration practice as a function of pedagogical expertise. Journal of Research on Computing in Education, 33(4), 413-430.
- Heigham, J..& Croker. (2009). *Qualitative research in applied linguistics: A practical introduction*. New York: Springer.
- Heinich, R., Molenda, M., Russell, J. D., & Smaldino, S. E. (2005). Instructional technology and media for learning. New Jersey, Columbus. Multi Media Pembelajaran, 141.
- Hennessy, S., Ruthven, K. & Brindley, S. (2005). Teacher Perspectives on Integrating ICT into Subject Teaching: Commitment, Constraints, Caution, NAd Change. Journal of Curriculum Studies, 37(2), 155-192.
- Henry, S. G., & Fetters, M. D. (2012). Video elicitation interviews: a qualitative research method for investigating physician-patient interactions. *The Annals of Family Medicine*, 10(2), 118-125.
- Hew, K. F., & Brush, T. (2007). Integrating technology into K-12 teaching and learning: Current knowledge gaps and recommendations for future research. *Educational Technology Research and Development*, 55(3), 223-252.
- Hidayati, T. (2016). Integrating ICT in English language teaching and learning in Indonesia. *JEELS*, *3*(1), 38–62.
- Hong, (2016). SWOT analysis and internet of things-enabled platform for prefabrication housing production in Hong Kong. *Habitat International*, 57(3), 74-87.
- Hubbard, P. (2008). CALL and the future of language teacher education. *Calico Journal*, 25(2), 175.
- Husain, C. (2014). Pemanfaatan teknologi Informasi dan komunikasi dalam pembelajaran di SMA Muhammadiyah Tarakan. *Jurnal Kebijakan dan Pengembangan Pendidikan*, 2(2),

77-79.

- Iman, F. N. (2015). Evaluasi pemanfaatan ICT pada pembelajaran oleh guru guru SMP Negeri 1 Ungaran dalam imlementasi Kurikulum 2013. *Indonesian Journal of Curriculum and Educational Technology Studies*, 3(1), 9-16.
- Isman, A., & Dabaj, F. (2004). Roles of the students and teachers in distance education. In Society for Information Technology & Teacher Education International Conference, 497-502.
- Jaffee, D. M., & Russell, T. (1997). Catastrophe insurance, capital markets, and uninsurable risks. *Journal of Risk and Insurance*, 205-230.
- Jamieson-Proctor, R. M., Burnett, P. C., Finger, G., & Watson, G. (2006). ICT integration and teachers' confidence in using ICT for teaching and learning in Queensland state schools. *Australasian Journal of Educational Technology*, 22(4).
- Jimoh, R. G., Shittu, A. J. K., & Kawu, Y. K. (2012). Students' perception of computer based test (CBT) for examining undergraduate chemistry courses. *Journal of Emerging Trends in Computing and Information Sciences*, 3(2), 125-134.
- Johnston, J., Eloff, J. H., & Labuschagne, L. (2003). Security and human computer interfaces. *Computers & Security*, 22(8), 675-684.
- Jonassen, D. H., Peck, K. L., & Wilson, B. G. (1999). *Learning with technology: A constructivist perspectives*. Upper Saddler River, NJ: Prentice Hall.
- Jonassen, D. H. (2000). *Computers as mind tools for schools: Engaging critical thinking*. Upper Saddle River, NJ: Prentice Hall.
- Jones, A. (2004). A review of the research literature on barriers to the uptake of ICT by teachers. *British Educational Communications and Technology Agency*. Retrieved from http://www.becta.org.uk
- Jo, S. F. (2013). ICT in education: A critical literature review and its implications. International Journal of Education and Development using Information and Communication Technology, 9(1), 112-125.
- Jung, S. H. (2006). *The use of ICT in learning English as an international language* (Doctoral dissertation).
- Jurist, R. G. (1999). The promise of technology. *National Business Education Association Yearbook*, 59-71.
- Kafyulilo, A. C. (2010). Practical use of ICT in science and Mathematics teachers' training at Dar Es Salaam University College of Education: An analysis of prospective teachers' technological pedagogical content knowledge, (Unpublished Master Thesis), University of Twenete, Netherlands.
- Kang, S. (1999). Learning styles: Implications for ESL/EFL instruction: *English Teaching Forum*, 37(4), 6-11.

- Keengwe, J., Onchwari, G., & Wachira, P. (2008). Computer technology integration and student learning: Barriers and promise. Journal of science education and technology, 17(6), 560-565.
- Kelsen, T. M. (2009). Looking into EFL students' perceptions in listening by using English movie videos on YouTube. *Studies in English Language and Education*, 1(1), 42-58.
- Kemendikbud. (2017). Konsep dan pedoman penguatan pendidikan karakter tingkat Sekolah Dasar dan Sekolah Menengah Pertama. Jakarta: Kementerian Pendidikan dan Kebudayaan.
- Kennedy, G. E., Judd, T. S., Churchward, A., Gray, K., & Krause, K. L. (2008). First year students' experiences with technology. Are they really digital natives. *Australian journal of educational technology*, 24(1), 108-122.
- Khine, M. S., Yeap, L. L., & Chin Lok, A. T. (2003). The quality of message ideas, thinking and interaction in an asynchronous CMC environment. *Educational Media International*, 40(1-2), 115-126.
- Krajka, J. (2000). Using the internet in ESL writing instruction. *The Internet TESL Journal*, *6*(11), 75-89.
- Kirschner, P., Strijbos, J. W., Kreijns, K., & Beers, P. J. (2004). Designing electronic collaborative learning environments. *Educational Technology Research and Development*, 52(3), 47.
- Kunkle, G. C. (1995). New challenge or the past revisited?: The office of technology assessment in historical context. *Technology in Society*, 17(2), 175-196.
- Kuo, L. L. (2009). The effects of YouTube listening/viewing activities on Taiwanese EFL learners' listening comprehension. La Sierra University.
- Kuskaya Mumcu, F., & Kocak Usluel, Y. (2010). ICT in vocational and technical schools: Teacher' instructional, managerial and personal use matters. *The Turkish Online Journal of Educational Technology*, 9(1), 98-106.
- Lam, A. (2000). Tacit knowledge, organizational learning and societal institutions: An integrated framework. *Organization studies*, *21*(3), 487-513.
- Layton, J. R. (1999). Integrating technology for meaningful learning. *Educational Technology* & *Society*, 2(3), 139–141.
- Lepper, M. R. (1988). Motivational considerations in the study of instruction. *Cognition and Instruction*, 5(4), 289-309.
- Levin, T., & Wadmany, R. (2013). Understanding the relationship between teachers' pedagogical beliefs and technology use in education: A systematic review of qualitative evidence. *Educational Technology Research and Development*, 65(3), 555-575.
- Lewis, S. (2003). Enhancing teaching and learning of science through use of ICT: Methods and materials. *School Science Review*, 84(309), 41-51.

Selli Hernawati S, 2019

- Liao, C-C. (1999). E-mailing to improve EFL learners' reading and writing abilities experience. *The Internet TESL Journal*, 5(3), 7-23.
- Liaw, S. S., Huang, H. M., & Chen, G. D. (2007). Surveying instructor and learner attitudes toward e-learning. *Computers & Education*, 49(4), 1066-1080.
- Lim, C. P., & Tay, L. Y. (2003). Information and communication technologies (ICT) in an elementary school: Students' engagement in higher order thinking. *Journal of Educational Multimedia and Hypermedia*, 12(4), 425-451.
- Liou, H. C. (2000). Conceptualization and implementation of an English learning Web rsite which bridges TEFL theories and practices. In Proceeding of the 4th Taiwan *International Confrence on Multimedia Language Education*, *5*(3), 71-78.
- Lubis, A. H. (2018). ICT integration in the 21-st century Indonesian English language teaching: Myths and realities. *Cakrawala Pendidikan*, *37*(1). doi: 10.21831/cp.v37il. 16738
- Luke, C. (2003). Pedagogy, connectivity, multimodality, and interdisciplinarity. *Reading Research Quarterly*, *38*(3), 397-403.
- Mafuraga, M., & Moremi, M. (2017). Integrating information and communication technology in english language teaching: A case study of selected junior secondary schools in Botswana. *International Journal of Education and Development Using Information and Communication Technology*, 13(1), 142–152.
- Maheswari, S. R. (2002). A dictionary of public administration. New Delhi: Orient Longman Private Limited.
- Mahmud, R., & Ismail, M. A. (2010). Impact of training and experience in using ICT on inservice teachers' basic ICT literacy. *Malaysian Journal of Educational Technology*, 10(2), 5-10.
- Majumdar, S. (2011). Teacher education in TVET: Developing a new paradigm. *International Journal of Training Research*, 9(1-2), 49-59.
- Mandell, S., Sorge, D. H., & Russell, J. D. (2000). Tips for technology integration. *TechTrends*, 46(5), 39–44. doi.org/10.1007/BF02818307.
- Marshall, H. H. (1987). Motivational strategies of three fifth-grade teachers. *The Elementary School Journal*, 88(2), 135-50.
- Mayora, C. (2006). Integrating multimedia technology in a high school EFL program. *English Teaching Forum*, 44(3), 14–22.
- Menteri Pendidikan dan Kebudayaan Republik Indonesia. (2014). Peraturan menteri pendidikan dan kebudayaan No.58 tentang kurikulum 2013 sekolah menengah pertama/madrasah tsanawiyah. Peraturan Menteri Pendidikan Nasional.
- Menteri Pendidikan dan Kebudayaan Republik Indonesia. (2017). Peraturan menteri pendidikan dan kebudayaan No.45, Peran guru teknologi informasi dan komunikasi dan guru ketrampilan komputer dan pengelolaan informasi dalam implementasi kurikulum 2013.

- Merriam, S. B. (2009). *Qualitative research: A guide to design and implementation* (2nd ed.). San Francisco: Jossey-Bass.
- Miller, G. (1998). WordNet: An electronic lexical database. MIT press.
- Miller, D. J., Fern, M. J., & Cardinal, L. B. (2007). The use of knowledge for technological innovation within diversified firms. *Academy of Management journal*, *50*(2), 307-325.
- Mueller, J., Wood, E., Willoughby, T., Ross, C., & Specht, J. (2008). Identifying discriminating variables between teachers who fully integrate computers and teachers with limited integration. *Computers & education*, 51(4), 1523-1537.
- Mumtaz, S. (2000). Factors affecting teachers' use of information and communications technology: A review of the literature. *Journal of Information Technology for Teacher Education*, 9(3), 319-342.
- Mohamed, H. A., & Raman, A. (2016). Issues of ICT usage among Malaysia secondary school English teachers. *Journal of Research on Technology in Education*, 6(9), 9. doi:10.5539/elt.v6n9 74
- Mooij, T., & Smeets, E. (2001). Modelling and supporting ICT implementation in secondary schools. *Computers & Education*, *36*(3), 265-281.
- Motshegwe, M. (2005). The role of ICT in the curriculum development and evaluation Retrieved from: http://wikieducator.org/images/a/ac/The.
- Mumcu, K. (2010). ICT in vocational and technical schools: Teachers' instructional, managerial and personal use matters. *Turkish Online Journal of Educational Technology*-*TOJET*, 9(1), 98-106.
- Murray, J., & Male, T. (2005). Becoming a teacher educator: Evidence from the field. *Teaching and teacher education*, 21(2), 125-142.
- Nation, P., & Macalister, J. (2009). Language curriculum design. New York: Routledge.
- National Center for Education Statistics. (2003). Characteristics of the 100 largest public elementary and secondary school districts in the United States: US: Department of Education: Institute of Education Science).
- Nita J. M., & Julie A. E. (2007). Technology as a catalyst for change. *Journal of Research on Technology in Education*, 39(4), 417-430.
- New Media Consortium. (2005). A global imperative: The report of the 21st century literacy summit. Retrieved December, 21, 2007.
- Nordin, N. M., Hamzah, M. I., Yunus, M. M., & Embi, M. A. (2010). The mobile learning environment for the in-service school administrators. *Procedia-Social and Behavioral Sciences*, 7(5), 671-679.
- Nurhabibah. (2018). Analysis of ICT literacy competence among vocational high teachers. *IOP Conference Series: Materials Science and Engineering*, 306(1), 177-179.

Selli Hernawati S, 2019

- Nwosu, O., & Ogbomo, E. F. (2012). *ICT in Education: A Catalyst for Effective Use of Information*. The official publication of the pacific northwest library association PNLA Quarterly. Retrieved from http:// www.ict in education.
- Hong, K. S., & Koh, C. K. (2002). Computer anxiety and attitudes toward computers among rural secondary school teachers: A Malaysian perspective. *Journal of Research on Technology in Education*, 35(1), 27-48.
- Obillos, J. P., & Rosa, D. (2016). Experiences, perceptions and attitudes on ICT integration: A case study among novice and experienced language teachers in the Philippines. International Journal of Education and Development Using Information and Communication Technology, 12(3), 37–57.
- Omno, W. P, dkk. (2001). Buku pintar internet TCP/IP. Jakarta: Elex Media Komputindo.
- Organisation for Economic Co-operation and Development Staff. (2005). *OECD factbook* 2005: Economic, environmental and social statistics. Paris: OECD.
- Ostrom, E., Schroeder, L., & Wynne, S. (1993). Institutional incentives and sustainable development: Infrastructure policies in perspective. Westview Press.
- Otto, T., & Albion, P. (2004). Principals' beliefs about teaching with ICT: A model for promoting change. In *Society for Information Technology & Teacher Education International Conference* (pp. 1620-1627). Association for the Advancement of Computing in Education (AACE).
- Pelgrum, W. J. (2001). Obstacles to the integration of ICT in education: Results from a worldwide educational assessment. *Computers and Education*, *37*(2), 163–178. doi:10.1016/S0360-1315(01)00045-8.
- Peralta, H., & Costata, F. A. (2007). Teachers's competence and confidence regarding the use of ICT. *Sísifo-Educational Sciences Journal*, (3)75-84.
- Piaget, J. (1959). Etudes d'epistemologie genetique: Apprentissage et connaissance. PUF.
- Pisapia, J. (1994). Teaching with Technology: Roles and Styles. Research Brief# 5.
- Plomp, T., Anderson, R. E., Law, N., & Quale, A. (Eds.). (2009). Cross National Information and Communication Technology Policies and Practices in Education:(Revised Second Edition). IAP.
- Protheroe, N. (2005). Technology and student achievement. Principal Arlington, 85(2), 46.
- Raman, A., & Mohamed, A. H. (2013). Issues of ICT usage among Malaysian secondary school English teachers. *English Language Teaching*, 6(9), 74-82.
- Redish, T., & Chan, T. C. (2007). Technology leadership: Aspiring administrators' perceptions of their leadership preparation program. *Electronic Journal for the Integration of Technology in Education*, 6(2), 123-139.
- Reigeluth, C. M., & Joseph, R. (2002). Beyond technology integration: The case for technology transformation. *Educational Technology*, 42(4), 9-13.

Selli Hernawati S, 2019

TECHNOLOGY INTEGRATION IN A SECONDARY EFL CLASSROOM: PROCESS, CHALLENGES AND PERCEPTION Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Resta, P., & Patru, M. (Eds). (2010). Teacher *development in an e-learning age: A policy and planning guide*. Paris: UNESCO.
- Ross, S. M., Morrison, G. R., & Lowther, D. L. (2010). Educational technology research past and present: Balancing rigor and relevance to impact school learning. *Contemporary Educational Technology*, 1(1), 17-35.
- Rudasill, S. (2011). Instruction at FSU Handbook Chapter 8. Florida State University.
- Russell, G., & Bradley, G. (1997). Teachers' computer anxiety: Implications for professional development. *Education and information Technologies*, 2(1), 17-30.
- Russell, G. (1999). Information technology and Australian teachers: Real time computers, change and schooling-national sample study of the information technology skills of Australian school students. In *Paper presented at the Annual Conference of the Australian Association for Research in Education*.
- Salmon, G. (2004). E-Moderating. The key to achieve online learning (2nd ed.). Rouledge.
- Sandholtz, J., Ringstaff, C., & Dwyer, D. (1989). The evolution of teachers' instructional beliefs and practices in high-access-to-technology classrooms: First to fourth year findings [Report 8]. *Cupertino, CA: Apple Computer.*
- Schmitt, C. (2002). Technology in Schools: Suggestions, Tools, and Guidelines for Assessing Technology in Elementary and Secondary Education. Retrieved from http://nces.ed.gov/pubsearch/pubsinfo.asp?pubid=2003313
- Schacter, J. (1999). The impact of education technology on student achievement: *What the most current research has to say.6*(2) p.13
- Schetzer, H., & Warschauer, M. (2000). An electronic literacy approach to network-based language teaching. In *Network-Based Language Teaching: Concept and Practice*, 3(5), pp. 171-185.
- Schoepp, K. (2005). Barriers to technology integration in a technology-rich environment. *Learning and teaching in higher education: Gulf perspectives, 2*(1), 1-24.
- Sert, N., & Boynueğri, E. (2016). Digital technology use in ELT classrooms and self-directed learning. *World Journal on Educational Technology*, 8(1), 51-61.
- Shashaani, L. (1997). Gender differences in computer attitudes and use among college students. *Journal of Educational Computing Research*, *16*(1), 37-51.
- Sicilia, C. (2005). *The challenges and barriers to teachers' practices in constructivist learning environment supported by technology*, (Unpublished Master Thesis), McGill University, Montreal.
- Stepp-Greany, J. (2002). Student perceptions on language learning in a technological environment: Implications for the new millennium. *Language Learning and Technology*, *12*, 165-180.

Summak, M. S., & Samancıoğlu, M. (2011). Assessment of technology integration in Selli Hernawati S, 2019 TECHNOLOGY INTEGRATION IN A SECONDARY EFL CLASSROOM: PROCESS, CHALLENGES AND PERCEPTION Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu vocational education and training schools Gaziantep University. *Turkey Journal of Education*, 7(1), 68–85.

- Sutopo, H. S. (2012). *Teknologi informasi dan komunikasi dalam pendidikan*. Yogyakarta: Graha Ilmu.
- Teo, T. (2008). Pre-service teachers' attitudes towards computer use: A Singapore survey. *Australasian Journal of Educational Technology*, 24(4).
- Thornton, P., & Houser, C. (2005). Using mobile phones in English education in Japan. *Journal* of Computer Assisted Learning, 21(3), 217-228.
- Tinio, V. L. (2002). *ICT in education: UN development programme*. Retrieved via: www. eprmers. org on, 24(1), 123-129.
- Todman, J. (2000). Gender differences in computer anxiety among university entrants since 1992. *Computers & Education*, *34*(1), 27-35.
- Tomlinson, C. A., & Strickland, C. A. (2005). *Differentiation in practice: A resource guide for differentiating curriculum, grades 9-12.*
- Tondeur, J., Van Keer, H., van Braak, J., & Valcke, M. (2008). ICT integration in the classroom: Challenging the potential of a school policy. *Computers & Education*, *51*(1), 212-223.
- Toomey, R., & Ekin-Smyth, C. (2001). ICT and the Quality of Learning. An Overview of the Australian Case Studies.
- UNESCO. (2004). *Integrating ICTs into education: Lesson learned*. Thailand: UNESCO Asia and Pasific Regional Bureau for Education.
- Uribe, D., Klein, J. D., & Sullivan, H. (2003). The effect of computer-mediated collaborative learning on solving III-defined problems. *Educational Technology Research and Development*, *51*(1), 5-19.
- Van Weert, T., & Anderson, J. (2002). Information and communication technologies in education: A planning guide. UNESCO.
- Van Attikum, H., Fritsch, O., Hohn, B., & Gasser, S. M. (2004). Recruitment of the INO80 complex by H2A phosphorylation links ATP-dependent chromatin remodeling with DNA double-strand break repair. *Cell*, 119(6), 777-788.
- Voogt, J., & Knezek, G. (2008). IT in primary and secondary education: Emerging issues. In *International handbook of information technology in primary and secondary education*. Springer.
- Wang, M., Fix, R., & Bock, L. (2004). *Blogs: Useful tool or vain indulgence*. In E-Learn 2005 World Conference on E-Learning in Corporate, Government, Healthcare, and Higher.
- Wallace, J. (1998). Collegiality and teachers' work in the context of peer supervision. *The Elementary School Journal*, 99(1), 81-98.

Selli Hernawati S, 2019

- Wicker, S. B., & Bhargava, V. K. (Eds.). (1999). *Reed-Solomon codes and their applications*. John Wiley & Sons.
- Wilson, B., & Lowry, M. (2000). Constructivist learning on the web. New Directions for Adult and Continuing Education, 88, 79-88.
- Winzenried, A., Dalgarno, B., & Tinkler, J. (2010). The interactive whiteboard: A transitional technology supporting diverse teaching practices. *Australasian Journal of Educational Technology*, 26(4), 534-552. doi: https://doi.org/10.14742/ajet.1071
- Yaghi, H. M. (2001). Subject matter as a factor in educational computing by teachers in international settings. *Journal of Educational Computing Research*, 24(2), 139-154.
- Yang, S. C., & Chen, Y. J. (2007). Technology-enhanced language learning: A case study. *Computers in Human Behavior, 23*(1), 860-879.
- Young, S. S. C. (2003). Integrating ICT into second language education in a vocational high school. *Journal of Computer Assisted Learning*, 19(4), 447-461.
- Yuen, A. H., & Ma, W. W. (2008). Exploring teacher acceptance of e-learning technology. *Asia-Pacific Journal of Teacher Education*, *36*(3), 229-243.
- Yuhetty. (2002). ICT and education in Indonesia. Retrieved from http://gauge.u-gakugei.ac.jp/.
- Yunus, M. M., Lubis, M. A., & Lin, C. P. (2009). Language learning via ICT: Uses, challenges and issues. Wseas Transactions on Information Science and Applications, 6(9), 1453-1467.
- Zain, I. M. (2013). Instructional media integration strategies for basic development of human capital: An approach to generate critical and creative minds in teaching and learning process. *A Multidisciplinary Journal of Global Macro Trends*, 2(2), 55-64.
- Zengin, R. (2007). A research about the English language teachers' use of instructional technologies in Turkey. *Hasan Ali Yucel Egitim Fakultas Dergisi*, 4(2), 79–102.
- Zhao, Y. (2007). Social studies teachers' perspectives of technology integration. *Journal of technology and teacher education*, *15*(3), 311-333.