

REFERENCES

- Adewusi, C. O. (2012). *Designing an English for Specific Purpose syllabus framework for engineering and technology students in Polytechnics in South-Western Nigeria*. University of Ilorin. [Unpublished Manuscript].
- Araminta, L. D. W., & Halimi, S. S. (2015). Asean Economic Community 2015: needs analysis of Universitas Indonesia's engineering students. *Indonesian Journal of Applied Linguistics*, 5(1), 10–17.
- Baleghizadeh, S., & Rahimi, H. A. (2011). Evaluation of an ESP textbook for the students of Sociology. *Journal of Language Teaching and Research*, 2(5), 1009–1014.
- Basturkmen, H. (2006). *Ideas and options in English for Specific Purposes*. New Jersey: Lawrence Erlbaum Associates, Inc.
- Benesch, S. (2001). *Critical English for academic purposes: theory, politics, and practice*. New Jersey: Lawrence Erlbaum.
- Björkman, B. (2008). English as the lingua franca of engineering education. *Nordic Journal of English Studies*, 7(3), 11–17.
- Cohen, L. (2007). *Research methods in education* (6th Ed.). New York: Routledge.
- Coolidge, L. F. (2000). *Statistics: a gentle introduction*. London: SAGE Publications Ltd.
- Creswell, W. J. (2003). *Research design: qualitative, quantitative, and mixed methods Approach* (2nd Ed.). United States of America: SAGE Publication, Inc.
- Creswell, W. J. (2009). *Research design: qualitative, quantitative, and mixed methodes approaches* (3rd Ed.). London: SAGE Publication.
- Creswell, W. J. (2012). *Educational research: planning, conducting and evaluating quantitative and qualitative research* (4th Ed.). Boston: Pearson Education, Inc.
- Day, J., & Krzanowski, M. (2011). *Teaching English for Specific Purposes: an introduction*. United Kingdom: Cambridge University Press.

- deLeeuw, D. E., Jox, J. J., & Dilman, A. D. (2008). *International handbook of survey methodology*. Retrieved January 20, 2016, from <http://joophox.net/papers/SurveyHandbookCRC.pdf>.
- Dudley-Evans, T., & St John, M. J. (1998). *Developments in English for Specific Purposes: a multi-disciplinary approach*. Cambridge: Cambridge University Press.
- Feely, J. A., & Harzing, W. A. (2002). Language management in multinational companies. *Cross-Cultural Management: An International Journal*, 1-26.
- Felder, M. R., & Brent, R. *Active learning: models from the analytical sciences*. Washington DC: American Chemical Society.
- Fonseca, D., & Redondo, E. (2015). *Applied e-learning in engineering and architecture education*. United States of America: Engineering Science Reference (an imprint of IGI Global).
- Fowler, J. F. (2014). *Survey research methods* (5th Ed.). The United States of America: SAGE Publications, Inc.
- Glaslow, A. P. (2005). *Fundamentals of survey research methodology*. Washington: Washington C3 Center.
- Hossain, J. (2013). ESP needs analysis for engineering students: A learner centered approach. *Journal of Presidency University*, 2(2), 16–26.
- Hoyos, de M., & Barnes, A. S. (2012). Analysing interview data. *Warwick Institute for Employment Research*.
- Hutchinson, T., & Waters, A. (1987). *English for Specific Purposes: a learning-centered approach*. Cambridge: Cambridge University Press.
- Johnson, B. R., & Christensen, L. (2014). *Educational research: quantitative, qualitative, and mixed approaches* (5th Ed.). The United States of America: SAGE Publications, Inc.
- Jordan, R. R. (1997). *English for Specific Purposes: a guide and resource book for teachers*. Cambridge: Cambridge University Press
- Kachru, B. B. (1986). ESP and non-native varieties of English: toward a shift in paradigm. *SLS Subscription*, 16(1).

- Kachru, B. B. (1991). *World Englishes and applied linguistics*. USA: The Educational Information Center (ERIC).
- Kaewpet, C. (2009). A framework for investigating learner needs: Needs analysis extended to curriculum development. *Electronic Journal of Foreign Language Teaching*, 6(2), 209–220.
- Kaspura, A. (2014). *The engineering profession: a statistical overview (11th Ed.)*. Australia: Institution of Engineers Australia.
- Kim, H. H. (2013). Needs analysis for English for Specific Purpose course development for engineering students in korea. *International Journal of Multimedia and Ubiquitous Engineering*, 8(6), 279–288.
- Latha, K. (2014). Role of English language for engineering students. *American International Journal of Research in Humanities, Arts, and Social Sciences*, 7(2), 122–123.
- Leon, G. (2011). *Engineering national development*. Jamaica Institute of Engineers. [Unpublished Manuscript].
- Marwan, A. (2009). ESP teaching challenges in an Indonesian vocational higher institution. *The English Teacher*, XXXVIII, 1–12.
- McCabe, B., Pantazidou, M., & Philips, D. (2012). *Shaking the foundation of Geo-Engineering education*. London: CRC Press.
- Mohamad, M. M., Sulaiman, L.N., Sern, C. L., & Salleh, M. K. (2015). *Measuring the validity and reliability of research instruments*. Malaysia: Elsevier Ltd.
- Mustafa, Z. (1998). Reading for science and technology in a foreign language: students' evaluation of formal instruction on reading strategies. *Reading in a Foreign Language*, 11(2), 225-238.
- Merdeka, D. K. M. (2014, June 13). *Tempo.co Post*. Retrieved from <http://en.tempo.co/read/news/2014/06/13/05684656/Only-124-Indonesian-Engineers-Recognized-by-ASEAN>.
- Nylen, A. & Pears, A. (2013). *Professional communication skills for engineering professionals*. Sweden: IEEE.

- Opdennaker, R. (2006). Advantages and disadvantages of four interview techniques in qualitative research. *Forum: Qualitative Social Research*, 7 (4).
- Orr, T. (2002). Assessing proficiency in engineering English. *Professional Communication, IEEE Transaction*, 48(1), 40-44.
- Pallant, J. (2005). *SPSS survival manual*. Australia: Allen & Unwin.
- Peter, M. Teaching English for Science and Technology (EST) through technical writing. *CATESOL Occasional Paper*, (7), 42-60.
- Porcaro, J. W. (2013). Teaching English for Science and Technology: an approach for reading with engineering English. *English Teaching Forum*, (2).
- Quinn, H., Lee, O., & Valdes, G. (2011). Language demands and opportunities in relation to Next Generation Science Standards for English language learners: What teachers need to know. *Understanding Language*, (1), 1–12.
- Rajprasit, K., Pratoomrat, P., Wang, T., Kulsiri, S., & Hemchua, S. (2014). Use of the English language prior to and during employment: experiences and needs of Thai novice engineers. *Global Journal of Engineering Education*, 16(1), 27–33.
- Rao, V. C. S. (2014). English for Science and Technology: a learner centered approach. *English for Specific Purposes World*, 15(42).
- Riemer, M. J. (2002). English and communication skills for the global engineer. *Global J. of Engng. Educ.*, 6(1), 91-100.
- Rovai, P. A., Baker D. J., & Ponton, K. M. (2012). *Social science research design and statistics: a practitioner's guide to research methods and SPSS analysis*. USA: Watertree Press LLC.
- Riduan, M. B. A., & Kuncoro, A. E. (2013). *Cara menggunakan dan memakai path analysis (analisis jalur)*. Bandung: Alfabeta.
- Seetha, S. (2012). Communication skills for engineers in global arena. *International Journal on Arts, Management and Humanities*, 1(1), 1-6.
- Shrestha, N. R., Pahari, R. B., & Awasthi, R. J. (2015). Impact of English on the career of engineering students: a brief overview in g (local) context. *Journal of the Institute of Engineering*, 11(1), 182-188.

- Tavakol, M., & Dennick, R. (2011). Making sense of Cronbach's alpha. *International Journal of Medical Education*, 2, 53-55.
- Varela, C. M., et. al. (2010). *Current issues in English Language Teaching and Learning: an international perspective*. Newcastle: Cambridge Scholars Publishing.
- Zhang, L., & Zhang, C. (2011). *Engineering education and management*. Berlin: Springer-Verlag.