REFERENCES

[1] R. M. Felder and L. K. Silverman, "Learning and Teaching Styles In Engineering Education," *Engineering Education,* vol. 78, no. 7, pp. 674-681, 1988.

[2] N. D. Fleming and C. Mills, "Not Another Inventory: Rather a Catalyst for Reflection," *To Improve the Academy,* vol. 11, pp. 137-155, 1992.

[3] "The VARK Modalities," [Online]. Available: http://vark-learn.com/introduction-to-vark/the-vark-modalities/. [Accessed April 2017].

[4] S. W. Riechmann and A. F. Grasha, "A Rational Approach to Developing and Assessing the Construct Validity of a Student Learning Style Scales Instrument," *The Journal of Psychology Interdisciplinary and Applied,* vol. 87, no. 2, pp. 213-223, 1974.

[5] R. Dunn, K. Dunn and G. Price, Learning Style Inventory (LSI): An Inventory for the Identification of how Individuals in Grades 3 Through 12 Prefer to Learn, Price Systems, 1985.

[6] H. Gardner, Frames of Mind: The Theory of Multiple Intelligences, New York: Basic Books, 1983.

[7] R. J. Sternberg, Beyond IQ: A Triarchic Theory of Human Intelligence, Cambridge, England: Cambridge University Press, 1985.

[8] L. W. Anderson, D. R. Krathwohl, P. W. Airasian, K. A. Cruikshank, R. E. Mayer, P. R. Pintrich, J. Raths and M. C. Wittrock, A Taxonomy for Learning, Teaching, and Assessing: A Revision of Bloom's Taxonomy of Educational Objectives, abridged edition, New York, USA: Longman, 2001.

[9] B. S. Bloom, Taxonomy of Educational Objectives. Vol. 1: Cognitive domain, New York: Longmans, Green, 1956.

[10] L. W. Anderson, D. R. Krathwohl and B. S. Bloom, A Taxonomy for Learning, Teaching, and Assessing: a revision of Bloom's taxonomy of educational objectives, New York: Longman, 2001.

[11] D. Krathwohl, B. Bloom and B. Masia, Taxonomy of Educational Objectives: The Classification of Educational Goals. Handbook II: The Affective Domain, New York: David McKay, 1964.

[12] A. Harrow, A Taxonomy of the Psychomotor Domain: A Guide for Developing Behavioral Objectives., New York: David McKay, 1972.

[13] D. A. Kolb, Experiential Learning: Experience As The Source Of Learning And Development, New Jersey: Prentice Hall, 1984.

[14] P. Honey and A. Mumford, The Manual of Learning Styles, Maidenhead: Peter Honey Publications, 1992.

[15] "Honey and Mumford Learning Styles Questionnaire - ResearchGate," ResearchGate, [Online]. Available: https://www.researchgate.net/file.PostFileLoader.html?id=59c2be33615e2784 c66a59fd&assetKey=AS%3A540744315748352%401505934899905. [Accessed October 2016].

[16] W. B. Barbe, R. H. Swassing and M. N. Milone, Teaching Through Modality Strengths: Concepts and Practices, Ohio: Zaner-Bloser, 1979.

[17] "The VARK Questionnaire How Do I Learn Best?," VARK Learn Limited, [Online]. Available: http://vark-learn.com/the-vark-questionnaire/. [Accessed January 2017].

[18] M. Rollins, "Learning Style Diagnostics: The Grasha-Riechmann Student Learning Styles Scale," eLearning Industry, 7 January 2015. [Online]. Available: https://elearningindustry.com/learning-style-diagnostics-grasha-riechmann-student-learning-styles-scale. [Accessed November 2016].

[19] R. M. Felder and B. A. Soloman, "Index of Learning Styles Questionnaire," North Carolina State University, 1999. [Online]. Available: https://www.webtools.ncsu.edu/learningstyles/. [Accessed February 2017].

[20] R. Dunn and K. Dunn, "The Official Site of Dunn and Dunn Learning Styles," Learning Styles Management Group, LLC, [Online]. Available: http://www.learningstyles.net. [Accessed January 2017].

[21] D. T. Willingham, E. M. Hughes and D. G. Dobolyi, "The Scientific Status of Learning Styles Theories," *Teaching of Psychology,* vol. 42, no. 3, pp. 266-271, 2015.

[22] C. R. Riener and D. Willingham, "The Myth of Learning Styles," *Change: The Magazine of Higher Learning,* vol. 42, no. 5, pp. 32-35, 2010.

[23] "Oxford Dictionary," Oxford University Press, [Online]. Available: https://en.oxforddictionaries.com/definition/context. [Accessed January 2017].

[24] B. Schilit, N. Adams and R. Want, "Context-Aware Computing Applications," in *First International Workshop on Mobile Computing Systems and Applications*, California, 1994.

[25] A. K. Dey, "Understanding and Using Context," *Personal and ubiquitous computing,* vol. 5, no. 1, pp. 4-7, 2001.

[26] A. Schmidt, M. Beigl and H. W. Gellersen, "There is more to Context than Location," *Computers & Graphics,* vol. 23, no. 6, pp. 893-901, 1999.

[27] C. A. Carver, R. A. Howard and E. Lavelle, "Enhancing Student Learning by Incorporating Learning Styles into Adaptive Hypermedia," in *EdMedia: World Conference on Educational Media and Technology*, North Carolina, 1996.

[28] Bajraktarevic, Namira; Wendy Hall; Patrick Fullick, "Incorporating Learning Styles in Hypermedia Environment: Empirical Evaluation," in *AH2003: Workshop on Adaptive Hypermedia and Adaptive Web-Based Systems*, Budapest, Pennsylvania, Nottingham, 2003.

[29] C. Wolf, "iWeaver: Towards 'Learning Style'-Based e-Learning in Computer Science Education," in *ACE2003: Fifth Australasian Conference on Computing Education*, Adelaide, Australia., 2003.

[30] R. Benlamri and X. Zhang, "Context-Aware Recommender for Mobile Learners," *Human-centric Computing and Information Sciences,* vol. 4, no. 1, pp. 1-34, 2014.

[31] "History and Trends of Learning Management System [Infographic]," Oxagile, 12 April 2016. [Online]. Available: https://www.oxagile.com/company/blog/history-and-trends-of-learning-management-system-infographics/. [Accessed January 2017].

[32] "FirstClass," Wikipedia, [Online]. Available: https://en.wikipedia.org/wiki/FirstClass. [Accessed January 2017].

[33] "Moodle," Moodle HQ, [Online]. Available: https://moodle.org/. [Accessed October 2016].

[34] "Bayes' theorem," Wikipedia, [Online]. Available: https://en.wikipedia.org/wiki/Bayes%27_theorem. [Accessed January 2017].