

The Influence of Learning Styles on Learners Grade Achievement in E-Learning Environments: An Empirical Study

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Abstract : Every learner has a specific learning style that helps him/her to study best. This means that any learning method (e-learning method or traditional face-to-face method) a learner chooses should address the learning style of the learner. Therefore, the main purpose of this research is to investigate whether learners' grade achievement in e-learning environment is improved for learners with a particular learning style. In this research, purposive sampling technique was employed for selecting the sample size of three hundred and twenty (320) students studying a course UGRC 140 Science and Technology in our Lives at Christian Service University College. Data were analyzed by using, percentages, T-test, and one-way ANOVA. A thorough analysis was done on the data collected and the results revealed that learners with the Assimilator learning style and the converger learning style obtained higher grade achievement than both diverger learning style and accommodative learning style. Again, the results also revealed that accommodative learning style was not good enough for e-learning method.

Keywords : e-learning, learning style, grade achievement, accomodative, divergent, convergent, assimilative

Conference Title : ICHE 2017 : International Conference on Higher Education

Conference Location : Copenhagen, Denmark

Conference Dates : August 17-18, 2017