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Abstract

This study examined impact of big three personality trait (Extraversion, Agreeableness, and Conscientiousness) and two learning styles (Deep Learning and Surface Learning) on Cumulative Grade Point Average (CGPA) of the under graduated students. We used NEO-FFI (Costa& McCrae, 1985) scale for personality traits and Revised- SPQ-2F (Biggs, Kember, & Leung, 2001) for learning style on a sample of 100 students of age 18-25 years from School of Social Science and Humanities, University of Management and Technology by convenient sampling technique. Participants were divided into two upper and lower median groups on deep learning and surface learning style to compare their mean scores on CGPA through independent sample t-test. Similarly high and low scoring students on extraversion, agreeableness and conscientiousness traits were compared on CGPA.

Findings indicated that students with surface learning style secured better CGPA than deep learners. Moreover interaction of deep learning style with surface learning style predicted CGPA better. A simple linear regression analysis indicated that extraversion trait predicted CGPA more than any other personality trait. To check our third hypothesis extraversion's interaction with two learning styles emerged as strong and significant predictor of CGPA. This interaction along with extraversion trait predicted CGPA more strongly ($R^2=.10$). Implications of the results are discussed at the end.

Key terms: Learning Style, Personality Trait, CGPA, Academic predictions

Introduction

This chapter explores importance of impact of three personality traits, and different approaches to learning in university students. Personality traits are likely to have a great impact on each and every area of human life. Different people with different personality traits are likely to perform differently in different setting such as attaining certain level of in university in case of students' CGPA. Learning style also has impact on academic performance of students. One of the objectives of this research is to find out how certain combination of personality trait and learning style impact the academic performance or CGPA and which predicts the lowest CGPA among students.