
A Study on Personality Traits and Academic Performance among Students at Politeknik Mersing Johor

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Abstract

This study examines the relationship between personality traits and academic performance among students at Politeknik Mersing Johor, recognising that personality plays a crucial role in shaping students' attitudes, behaviours, and learning approaches. Grounded in the Big Five Personality Traits Model, which consists of openness to experience, conscientiousness, extraversion, agreeableness, and neuroticism. The research adopts a quantitative design using a structured questionnaire adapted from the Big Five Personality Inventory, alongside students' Grade Point Average (GPA) as a measure of academic performance. Data were collected from a sample of 119 students across various academic programmes, and analysed using descriptive statistics and mean analysis. The findings indicate that certain personality traits, particularly openness to experience, are likely to have a significant positive relationship with academic performance, while personality traits such as conscientiousness may exhibit a negative relationship due to increased stress and emotional instability. Overall, this study provides valuable insights for educators, academic advisors, and students in understanding the influence of personality on academic success and highlights the importance of developing targeted strategies to enhance learning outcomes in higher education institutions.

Keywords : *Personality Traits, Academic Performance, Big Five Personality Model, Higher Education.*
