

## **MENTAL ABILITY, WORK BEHAVIOR AND TRAIT SURVEY OF HIGH AND LOW PERFORMING FIRST YEAR COMPUTER ENGINEERING STUDENTS**

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### **ABSTRACT**

Preparing the students to become valuable contributors and assets of their respective workplaces in the future is the general consideration of this study. Descriptive type of research was utilized in the study. Result showed that high performing students have significantly higher persistence in doing their work and they have significantly higher expectations of positive effect from achievement – oriented activity than those low performing students. Numerical computation, verbal ability, perseverance, affective and purposive traits are significantly related to the academic performance of the first year computer engineering students. Verbal ability, affective trait and numerical computation are the predictors of the academic performance with 49 percent likelihood.

**Keywords:** Academic Performance, Mental Ability, Work Behavior, Trait, Computer Engineering.