

## Prospective Teachers' Metacognitive Awareness and Goal Orientation as Predictors of Academic Success

**Authors :** Gidado Lawal Likko

**Abstract :** The study examined the relationship of achievement goals, metacognitive awareness and academic success among students of colleges of education in North Western Nigeria. The study was guided by three objectives. The first two were to find out whether students' achievement goals and metacognitive awareness correlate with their academic success. 358 students comprising 242 males (67.6%) and 116 females (32.4%) were studied. Correlation survey was employed in the conduct of the study. The instruments used to collect data were students' bio data form, achievement goals inventory (Roedel, Schraw and Plake, 1994), metacognitive awareness inventory (Schraw & Dennison, 1994) and students' CGPA (NCCE minimum standard, 2013) was used as the index of academic success. Pearson Product Moment and regression analysis were the statistical techniques used to analyze the data. Results of the analysis indicated that students' achievement goals ( $r=0.554$ ,  $p=0.004$ ) and metacognitive awareness ( $r= 0.67$ ,  $p=0.001$ ) positively correlated with their academic success. Similarly, significant relationship exists between achievement goals and metacognitive awareness ( $r=0.77$ ,  $p=0.000$ ). Part of the recommendations is the need for the management of all colleges of education to have educational interventions aimed at developing students' metacognitive awareness which will foster purposeful self-regulation of their learning. This could be achieved by periodic assessment of students' metacognitive awareness which will serve as feedback as they move from one educational level to another.

**Keywords :** academic success, goal orientation, metacognitive awareness, prospective teachers

**Conference Title :** ICCPM 2019 : International Conference on Cognitive Psychology and Memory

**Conference Location :** Amsterdam, Netherlands

**Conference Dates :** May 14-15, 2019