ABSTRACT

The present study “Effect of Select Correlates of Achievement Motivation on Academic Achievement in Biology among the Students at Higher Secondary Level” is designed with “Achievement in Biology” as dependent variable and ‘examination anxiety, study habits, self concept and home learning environment’ as independent variables. Gender, locale of the institution and type of management of schools were treated as background variables. The sample selected for the study was based on stratified random sampling technique. The investigator adopted normative survey method for the present study. The tools used for the study were Examination anxiety scale, Study habits inventory, Self concept scale, Home learning environment inventory and Achievement test in biology. The hypotheses and objectives were formulated and suitable statistical methods such as Pearson’s Product Moment Coefficient of Correlation, two-tailed test of significance of difference between means, the test of significance of difference between correlation coefficients, ANOVA, Scheffe’s method and partial correlation were used to analyse the collected data. The study revealed a significant correlation between each independent variable and dependent variables. The findings suggested that home learning environment and study habits have the decisive impact upon the scores of biology achievement of students, followed by self concept and examination anxiety. Major conclusions and suggestions were given on the basis of analysis of data.