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- स्नातक स्तर के विद्यार्थियों की गणित में उपलब्धि पर सृजनशीलता, समस्या-समाधान योग्यता, आविष्क योग्यता तथा गणित विषय में रुचि के प्रभाव का अध्ययन ...135
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A Study of the Impact of Scientific Attitude on Academic Achievement, Occupational Aspiration and Adjustment

Dharmendra Kumar Sarraf

Objectives :

1. To study the relationship between academic achievement and scientific attitude among secondary class students of class XI.
2. To study the relationship between occupational aspiration and scientific attitude among secondary class students of class XI.
3. To study the relationship between adjustment and scientific attitude among secondary class students of class XI.
4. To compare the academic achievement among secondary class students having high, moderate and low scientific attitude of class XI.
5. To compare the occupational aspiration among secondary class students of class XI having high, moderate and low scientific attitude.
6. To compare the adjustment among secondary class students of class XI having high, moderate and low scientific attitude.
7. To study the contribution of scientific attitude in the prediction of academic achievement, occupational aspiration and adjustment among secondary class students of class XI.

Methodology : Causal-comparative survey method of descriptive research was used in the present study. The sample for the study consisted of 600 class XI students of Allahabad district of Uttar Pradesh. The tools used in the study includes Scientific Attitude Questionnaire by K.S. Misra, Occupational Aspiration Scale by J.S. Grewal, Adjustment Inventory for School Students by A. K. P. Sinha & R. P. Singh and annual examination marks of class X of Board of High School and Intermediate Uttar Pradesh. Product moment coefficient of correlation, ANOVA and linear regression were used for the analysis of the data.



Major Findings :

1. Academic achievement, occupational aspiration and adjustment are positively related with scientific attitude among secondary students of class XI.
2. Secondary students of class XI with the high, moderate and low level of scientific attitude do not differ from one another on academic achievement.
3. Secondary students of class XI with the high, moderate and low level of scientific attitude do not differ from one another on occupational aspiration.
4. Secondary students of class XI with the high, moderate and low level of scientific attitude do not differ from one another on adjustment.
5. Scientific attitude can explain 6.81% variance of academic achievement among secondary students of class XI.
6. Scientific attitude can explain 2.01% variance of occupational aspiration among secondary students of class XI.
7. Scientific attitude can explain 3.24% variance of adjustment among secondary students of class XI.

