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## CHAPTER - V

### SUMMARY AND CONCLUSIONS

The higher secondary stage of education is a crucial stage in the life of a student. It is a bridge between the school going child and the college going adult. It is at the stage of adolescence.

During this stage of education the students are in the adolescent age with its advantages and its problems. The adolescents have to be moulded into productive adults and responsible citizens. This stage is crucial as the decision made now will make or break his career. Hence it is essential to know the adolescents interest, aptitudes, study habits, attitudes etc. to enable him to achieve in both non-academic and academic subjects. However the peculiar problems of this stage is the varied influences the adolescent is exposed to and how the influence is going to change his interests, study habits etc. is unpredictable. However, since the academic achievement at any stage of education is positively related with the interests, study habits, aptitude, attitudes etc., it was decided to probe and find out how the educational interest and study habits were related to the academic achievement of the adolescent, in particular, the XI standard students of a particular geographical area chosen by the investigator.

## STATEMENT OF THE PROBLEM

"EFFECT OF EDUCATIONAL INTEREST AND STUDY HABITS ON THE ACADEMIC ACHIEVEMENT OF URBAN XI STANDARD STUDENTS - A STUDY."

## SIGNIFICANCE OF THE STUDY

No study of this nature has been undertaken in this geographical area and since XI standard forms a base for the XII standard which is the turning point in the life of the adolescent whose educational performance will determine his career prospects and his future course of life, it is important to study certain factors such as educational interest and study habits of the XI standard students so as to suggest measures to improve them based on the results of this study for better academic achievement. The results of this study will be useful to the parents of the students, the teachers of XI standards, the educational institutions, Govt. authorities, educationalists and counsellors for clinical study of the students study habits and as a guideline for students to develop new strategies of study.

## DELIMITATIONS OF THE STUDY

1. The present study is restricted only to XI standard students of the faculties of Arts, Science and Commerce of junior colleges attached to highschools and senior colleges in the Kolhapur city.
2. The study is restricted to only 540 students of 6 junior colleges.

### OBJECTIVES OF THE STUDY

1. To find out the study habits of XI standard students.
2. To find out the educational interest of the XI standard students.
3. To find out the relationship between educational interest and academic achievement.
4. To find out the relationship between study habits and academic achievement.
5. To find out the differences in study habits faculty-wise (Arts, Science and commerce) of XI standard students.
6. To find out the difference in educational interest faculty-wise of XI standard students.
7. To suggest measures to improve the study habits and develop educational interest among the students.

### NULL HYPOTHESES

1. There is no significant relationship between study habits and academic achievement of the XI standard students.
2. There is no significant difference in study habits of the XI standard students of the faculties of Arts, Science and Commerce.
3. There is no significant difference in AG area of educational interest of the XI standard students of the faculties of Arts, Science and Commerce.

4. There is no significant difference in CO area of educational interest of the XI standard students of the faculties of Arts, Science and Commerce.
5. There is no significant difference in FA area of educational interest of the XI standard students of the faculties of Arts, Science and Commerce.
6. There is no significant difference in HS area of educational interest of the XI standard students of the faculties of Arts, Science and Commerce.
7. There is no significant difference in HU area of educational interest of the XI standard students of the faculties of Arts, Science and Commerce.
8. There is no significant difference in SC area of educational interest of the XI standard students of the faculties of Arts, Science and Commerce.
9. There is no significant difference in TE area of educational interest of the XI standard students of the faculties of Arts, Science and Commerce.

## PLAN AND PROCEDURE

### **Research Design Of The Study**

The present research work is a descriptive research and the researcher has used survey method for the present study.

### **Sampling Design**

Random sampling method was used to draw the sample in this study.

## SAMPLE

### **Selection Of Colleges**

In Kolhapur city there are 22 junior colleges of which 12 are attached to the senior colleges and 10 are attached to highschools. For the purpose of this study XI standard Arts, Science and Commerce students of the junior colleges both attached to highschools and senior colleges were taken as the sample. Out of 22 junior colleges only 6 were attached to senior colleges and 5 were highschools having all the faculties i.e. Arts, Science and Commerce. Out of these, 6 (i.e. 50%) junior colleges were selected randomly.

### **Selection Of Students**

In a division of the XI standard approximately 60 students were available for each of the faculties of Arts, Science and Commerce. By random selection 50 percent of the students were drawn from each class. Thus, a total of 540 students were drawn as sample from six junior colleges, for this study.

## DATA GATHERING TOOLS

To find out the effect of educational interest and study habits on academic achievement. The following tools were used.

### **Educational Interest Record (EIR)**

The construction and standardisation of EIR was done by Dr. S. P. Kulshrestha.

### **Study Habit Inventory (SHI)**

The construction and standardisation of study habit inventory was done by M. N. Palsane.

### **Academic Achievement (AA)**

Academic achievement scores of the XI standard students were taken from the schools / colleges records.

## COLLECTION OF DATA

Data was collected by the researcher from the sample of XI standard students of the faculties of Arts, Science and Commerce of all the six selected junior colleges attached to highschools and senior colleges of the Kolhapur city after obtaining due permission from the heads of the institutions drawn for this study.



The data was collected in the month of March, 2000 regarding Study Habits, Educational Interest and Academic Achievement of the XI standard students.

The standardized tools : Study Habit Inventory by M. N. Plasane and the Educational Interest Record (EIR) by Dr S. P. Kulshrestha were administered as per the instructions given in the manuals of the tools on the sample and data was collected. The Academic Achievement score of the XI standard students were collected from the highschools and senior colleges office records.

The three types of data obtained were statistically analysed, interpreted and results drawn.

#### METHODS OF ANALYSIS OF DATA

The raw scores obtained by administering the study habit inventory were classified for interpretation as per the manual and presented in Table No. 1. in this dissertation. The raw score of the educational interest was also obtained by administering the EIR and educational interest area-wise and faculty-wise distribution of the students is presented in the Table No. 2 of this dissertation.

All the scores were analysed statistically in pursuance of the objectives of this study. Coefficient of correlation 'r', 't' ratio, ANOVA and critical difference (CD) were calculated and results drawn.

## CONCLUSIONS OF THE STUDY

- 1 In the Excellent grade of study habit there are more number of Commerce faculty students than the Science and Arts faculty students.
- 2 In the Good grade and Unsatisfactory grade of study habits there are more numbers of Science faculty students than the Arts and Commerce faculty students.
- 3 In the Average grade and Very Unsatisfactory grade of study habits there are more number of Arts faculty students than the Science and Commerce faculty students.
- 4 The total number of students of the Excellent and Good grade of study habits put together is more than the total number of students of Unsatisfactory and Very Unsatisfactory grade put together. However, the highest percentage of students are in the Average grade category of study habits. Hence, it can be concluded that the majority of the adolescents have Average grade study habits, though the study habits grade category differ faculty-wise.
- 5 Arts faculty students are more interested in Agriculture, Fine Arts, Home Science and Humanities areas of educational interest than Science and Commerce faculty students.
- 6 Science faculty students are more interested in Science and Technology areas of educational interest than the Arts and Commerce faculty students.

- 7 Commerce faculty students are more interested in Commerce educational interest area than Science and Arts faculty students.
- 8 For the Arts faculty students there exist a negative relationship between their educational interest areas of Science, Technology and Commerce with their academic achievement.
- 9 For the Science faculty students there exist a negative relationship between their educational interest areas of Fine Arts, Humanities and Commerce with their academic achievement.
- 10 For the Commerce faculty students there exist a negative relationship between their educational interest areas of Agriculture and Technology with their academic achievement.
- 11 There exists a significant relationship between study habits and academic achievement of the XI standard adolescents of all the three faculties.
- 12 The study habits of the XI standard adolescents of the faculties of Arts, Science and Commerce do not differ. where as the educational interest (Agriculture, Commerce, Fine Arts, Home Science, Humanities, Science and Technology) of the XI standard adolescents of the faculties of Arts, Science and Commerce differ.

#### PROBLEMS FOR FURTHER RESEARCH

*(To be given last after recommendations)*

- 1 A longitudinal study may be taken up to see the interest pattern of highschool students.
- 2 The similar study may be undertaken to find out the effect of teaching methods on the academic achievement.

- 3 The similar study may be undertaken to find out the effect of attitude, achievement and personality of the students on the academic achievement.
- 4 Experimental study may be taken up to find out the effectiveness of guidance and counselling on the study habits and the academic achievement of the students.
- 5 The study may be replicated to study the various factors which are related with development of interest of students.

## RECOMMENDATIONS

Recommendations to improve the study habits and develop educational interest among the students.

- 1 The junior college should provide opportunities to the students to develop their interests in education and improved their study habits by conducting variety of activities such as competitive examinations, essay writing, debates on different subjects.
- 2 Interest of the students are not fixed, it changes time to time. Students have lack of information about interest so college committee should appoint the psychologist or counsellor to study the interest of the students and counsel them accordingly evince in adolescent.
- 3 The teacher should provide them the information and ideas about the subjects activities and jobs which are highly related with the

educational interest of the students. It will be profitable for students to select appropriate subjects, activities and jobs for better results.

- 4 Generally study habits of the students are same but they differ with reference to the subjects. So, teachers should note the difference and guide to the students for improving their study habits.
- 5 As the majority of the students fall in the Average grade category of study habit and as many as 18.33% and 4.07% fall in the Unsatisfactory and Very Unsatisfactory grade respectively special efforts should be made by their teacher and parents to change their study habits to improve the same so that they can perform better in XII standard.
- 6 The Science and Commerce study should be motivate to take interest Agriculture and Fine Arts etc. also
- 7 The Arts and Commerce students motivated to take interest in Science and Technology as well so that the adolescents will be able to function better with this additional knowledge and develop into whole some individuals.
- 8 Since a positive relationship between study habits and academic achievement is established, in this work, all the concerned individuals should make appropriate efforts to improve the study habits of students.