



**A Study of Professional Interest of XI Standard
Students of Ahmedabad City**

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ABSTRACT

Globalization has been the point of discussion these days in every country. With the growing development of technology, there is a need of speedy growth and development. As a result there is growing demand of technical and managerial professional who become the agents of this development.

Today education does cater to development of individuals as per the philosophy but in reality the focus is more on vocational courses like IIT or professional courses like performing arts, designing, fine arts to name few. Today market is in need of young professional in the field of information technology, management, technicians and academicians. The entire approach of education has shifted from basic education to institutional education. These vocational institutions produce individuals who wish to make their career in their respective areas of interests. It is further expanded and become more professional institutions which produce young skilled professional on the field of IIT, management and academics. In this era of global village a person today is global citizen going and living where his / her career aspirations. Knowledge about information communication and Entertainment commonly referred to as the ICE Age has become increasingly important. New career interest in multimedia, animation and sound editing are booming. The focus today is on acquiring multiple skills and cross functionality rather specializations.

The interests of students towards varied fields change from student to student coming from various disciplines. Since it determines his / her future career, it is very essential that the researcher wishes to find out the interest of students towards any profession. The researcher in



the present study has found out the level of professional interest of students of XI standard students.

IMPORTANCE OF THE STUDY

The growing need of professionals in various fields has created a wide space to study how students would pursue professional courses. There are plenty of choices in front of students to choose a field convenient to their professional interest.

The present study will help understand the researcher and other academicians the interest of students towards various professions. It further creates a space where the researcher suggests ways and means to improve the low achievement level of students. Such correctional approach will ultimately lead best utilization of educational resources i.e. time, money, and manpower. It will further help students and academicians to formulate professional courses.

OBJECTIVES OF THE STUDY

- To study the effect of gender on the professional interest of XI standard students of Ahmedabad.
- To study the effect of Zone on professional interest of XI standard students of Ahmedabad.

VARIABLE OF THE STUDY

The following Variables are considered for the present study.

1. Gender (Boys and Girls)
2. Zone (East and West)

HYPOTHESIS OF THE STUDY

HO₁ There is no significant difference between mean score of professional Interest of boys and girls of XI standard students.

HO₂ There is no significant difference between the mean score of Professional Interest of XI standard students belonging to eastern and western Zone of Ahmedabad city.

LIMITATION OF THE STUDY

- The study is limited to the students of XI standard students only.
- The study is limited to general stream only.



- The study is limited to Gujarat Secondary Education Board students only.
- The study is limited to Ahmedabad only.
- In this study standardised tool is used planning, data collection and analysis of the study will be limited and based on the tool used.

POPULATION

Here researcher has a mass to cover which is known population. A population is in other words a universe, a mass or a larger group.

In this study the researcher aims to cover GSEB board students of XI standard general stream of Ahmedabad city

SAMPLE

In this study Researcher has randomly selected students of three schools from East Zone and three schools of West Zone of standard 11th of Ahmadabad city.

The researcher took total **300 students** out of which **150 from the East Zone and 150 from the West Zone were selected for the sample.**

The number of **boys were 130 and girls were 170 out of the total sample.**

After taking the consideration all these factors which influence the size of the sample in the present study, the probability sampling technique was used to select 300 students through **stratified random sampling** as a sample subjects from the given population. **For better results in the survey, researcher selected 3 Gujarati medium school and 3 English medium school**

RESEARCH METHODOLOGY

The present study has been in descriptive method of which **survey** is used.

TOOL OF THE STUDY

Researcher is interested in using the standardized tool as the present study involves thorough study of the professional interests of higher secondary school students.

Out of the test available on the professional interest, the researcher has used Dr. Surekha Amin and Dr. J.H Shah's Professional Interest Inventories, Gujarat University.



TECHNIQUES OF DATA ANALYSIS

Having collected the data, proper technique of analysis is very important. The collected data was organized using various statistical techniques like parametric and non parametric tests. These tests were used to classify and analyse the data. In the present study the researcher had found the mean score, standard deviation and used the test.

ANALYSIS OF DATA

The analysis has been done for 300 students depending on the score value of five point rating scale which is 4,3,2,1,0 and further the total was calculated. A result sheet was prepared in ms excel. Further in the present study the researcher aims to study the mean difference between two groups and find the t value in order to accept and reject the hypothesis keeping in mind the objectives of the study. Since the study aims to seek the difference between the mean score of two homogenous groups, t test is found to be more appropriate.

The t test is based on certain assumption ; hence in the present study it has been assumed that the data is normally distributed and homogeneity of variance exist. Based on the above facts and assumptions the researcher found that parametric t-test is more beneficial for the present study.

INTERPRETATION OF DATA

The following tables show the statistical analysis of the professional interest of XI standard students of Ahmedabad.

HO₁ There is no significant difference between mean score of professional Interest of boys and girls of XI standard students.

Table 1 Analysis of Professional Interest of boys and girls of Ahmedabad city N-300

Gender	n	Mean	SD ²	Mean difference	SED	Cr	Inference
Boys	130	301.60	2936.97	13.86	6.38	2.17	Significant
Girls	170	315.47	3084.88				

$$df = (n_1 + n_2) - 2$$

$$= (130 + 170) - 2$$

$$= 298$$

$$0.01 \text{ level is } 2.58$$

$$0.05 \text{ level is } 1.96$$



The above table shows that Mean score of boys is 301.60 and girls 315.47. SD^2 of boys is 2936.97 and girls is 3084.88. Mean difference is 13.86 SED is 6.38 $cr = 2.17$ which is more than $t_{0.05} = 2.58$ level which indicates t value is significant at 0.05 level of significance. Hence the hypotheses that there is no significant difference between mean score of professional Interest of boys and girls of XI standard students is not accepted at 0.05 level.

Table 2 Analysis of Professional Interest of West and East Zone of Ahmedabad city N-300

Zone	N	Mean	SD^2	Mean Difference	SED	Cr	Inference
West	150	309.74	3312.68	0.54	6.39	0.09	Not Significant
East	150	309.19	2823.20				

$$df = (n_1 + n_2) - 2$$

$$= (130 + 170) - 2$$

$$= 298$$

0.01 level is 2.58
0.05 level is 1.96

The above table shows that Mean score of West Zone is 309.74 and East Zone 309.19 SD^2 of West Zone is 3312.68 and East Zone is 2823.20. Mean difference is 0.54, SED is 6.39. The above table shows that $cr = 0.09$ which is less than $t_{0.05} = 1.96$ level which indicates t value is not significant at both level 0.01 and 0.05. Hence the hypotheses there is no significant difference between the mean score of Professional Interest of XI standard students belonging to eastern and western Zone is accepted.

FINDINGS OF THE STUDY

The researcher arrives at the following findings through the data analyzed and interpreted.

- There is significant difference between the mean scores of professional interest of boys and girls of eleventh standard of Ahmedabad city at 0.01 level. It implies that significant



difference does exist between boys and girls with respect to their professional interest. Girls are more interest in Professional interest compared to boys

- There is no significant difference between the mean score of Professional Interest of XI standard students belonging to eastern and western Zone is not rejected. It implies that significant difference does not exist between the western and eastern Zone with respect to their professional interest.

CONCLUSION

The researcher has successfully completed the present research study which is to find the effect of variable like gender and zone on the professional interest of eleventh standard students of Ahmedabad city and had arrived at conclusions.

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