
SHORT COMMUNICATION

Relationship between Attitude of Post Graduate Students towards Agricultural Research and their selected personal characteristics

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ABSTRACT

Present study was carried out in Navsari Agricultural University, Navsari district of South Gujarat on year of 2011. The main objective of this study was to find out the relationship between attitude of post graduate students towards agricultural research and their selected personal characteristics. The study conducted on registered post graduate students selected from N. M. College of Agriculture and ASPEE College of Horticulture and Forestry, Navsari. The post graduate students of different disciplines were considered as respondents. Total 100 post graduate students were in all the size of sample for the present study. The "ex-post facto" research design was used for this study. A structural interview schedule was designed for collecting the data. This study concluded that, age ($r=0.2294^$) and academic achievement in graduation ($r=0.203^{**}$) of the postgraduate students were having positively significant relationship with their attitude in respect of agricultural research.*

Key words: Attitude, Post graduate students, research, etc.

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INTRODUCTION

Agriculture is the mainstay of the Indian economy. India is an agricultural country with an economy which is mainly agrarian in nature. Attitude is an important concept to understand human behaviour. It is defined as a complex mental state involving beliefs and feelings. Attitude is a hypothetical construct that represents an individual's degree of liking or disliking for an item. Attitudes are generally positive or negative views of a person, place, thing, or event - this is often referred to as the attitude object.

In other words, attitude is one of these important qualities that play a pivotal role in executing the action of an individual. When knowing the attitude and background factors of the post graduate students showing association with their attitude towards agricultural research must be reckon while planning their course of action. The study will facilitate in knowing the attitude of the post graduate students and it would help to serve as a guideline for the policy makers, planners of colleges of Agriculture/ Horticulture/ Forestry/Veterinary and Agricultural University about planning and implementing of agricultural education i.e. agricultural research. Considering all these facts, the present study was carried out with following objective:

To find out the relationship between attitude of post graduate students towards agricultural research and their selected personal characteristics.

MATERIAL AND METHODS

Present study was carried out in Navsari Agricultural University, Navsari district of South Gujarat. The present study conducted on registered post graduate students selected from N. M. College of Agriculture and ASPEE College of Horticulture and Forestry, Navsari. The post graduate students of different disciplines were considered as respondents. The lists of post graduate students were obtained by simple random sampling method. Fifty post graduates from N. M. College of Agriculture and 50 post graduates

from ASPEE College of Horticulture and Forestry, Navsari were selected for the study purpose. Thus, total 100 post graduate students were in all the size of sample for the present study.

The "ex-post facto" research design was used for this study. A structural interview schedule was designed for collecting the data. Data were collected by personal interview from 100 post graduate students. The hypotheses formulated were tested and silent interpretations drawn in light of the objectives of the study with the help of statistical techniques.

RESULTS AND DISCUSSION

Relationship between attitude of the postgraduate students towards agricultural research with their selected personal characteristics

The relationship between the personal characteristics of the postgraduate students *viz.*; age, caste, academic achievement in graduation, participation in extra-curricular activities, number of family members, parents education, family occupation status, family income, fathers social participation and habitation of family and attitude in respect of agricultural research was worked out with the help of correlation of coefficient (r). The findings in this regards are presented in Table 1.

It could be seen from Table 1 that age ($r=0.2294^*$) and academic achievement in graduation ($r=0.203^{**}$) of the postgraduate students were having positively significant relationship with their attitude in respect of agricultural research.

On the other hand, the number of family members ($r=-0.027$), parents education ($r=-0.085^*$) and fathers social participation ($r=-0.134$) of students had non-significant relationship with their attitude in respect of agricultural research, whereas caste ($r=0.0422$), participation in extra-curricular activities ($r=0.0716$), family occupation status ($r=0.0084$), family income ($r=0.0348$) and habitation of family ($r=0.0836$) of the postgraduate students had not found any relationship. The findings are in line with those reported by Ajit [1], Shingare [4], Patel [3] and Dahake [2]. . The above findings suggest that the null hypothesis is partly accepted and partly rejected.

Table 1: Relationship between attitude of the postgraduate students towards agricultural research with their personal characteristics (n=100)

S.N.	Characteristics	Correlation coefficient
1	Age	0.2294*
2	Caste	0.0422
3	Academic achievement in graduation	0.2030**
4	Participation in extracurricular activities	0.0716
5	Number of family members	-0.0270
6	Parents education	-0.0850
7	Family occupation status	0.0084
8	Family income	0.0348
9	Fathers social participation	-0.1340
10	Habitation of family	0.0836

*Significant at 0.05 per cent level of probability ; ** Significant at 0.01 per cent level of probability

CONCLUSION

This study concluded that, age ($r=0.2294^*$) and academic achievement in graduation ($r=0.203^{**}$) of the postgraduate students were having positively significant relationship with their attitude in respect of agricultural research.

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