

A Comparative Study of Modernization and Academic Achievement of Male and Female College Students

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Abstract

The study was undertaken to study the level modernization and academic achievement of male and female college students of district Srinagar (j &k). The sample of the study consisted of 60 college students (30 male students and 30 female students) randomly selected from different colleges of district Srinagar. R. S. Singh's modernization scale was used for measuring the level of modernization of college students. The scale is based on four components viz socio- religious, marriage, position of woman and education. Academic achievement of college students were taken as the aggregate marks of previous two classes. The data collected was statistically treated by using mean, S.D. and t. test. The findings of the study revealed that there is no significant difference between male and female college students on modernization. Furthermore the results highlight that female students have better academic achievement as compared to male students.

Keywords:- Modernization, Academic Achievement, College Students.

Introduction:-

The origin of modernization can be traced back to the fifteenth and sixteenth in Europe. Modernization refers to the desirability for a deeper change in man's way of thinking and feeling, a change in his whole attitude towards problems of life, society and universe and the inculcation of the changed outlook that is conducive for the development of new ways of life. According to Black, "modernization is the process of by which historically evolved institutions are adopted to the rapidly changing functions that reflect the unprecedented increase in mans knowledge, permitting control over his environment that accompanied the scientific evolution." Daniel Lerner defined modernization as "the process of social change in which development is the economic component." Modernization also refers the process through which the traditional or pre technological society passes as it is transformed into a society characterized by machine, technology, rational and secular attitudes and highly differentiated social structure.

It is a well known fact that we are in the process of modernization. The process of modernization has a great impact on the individual and society. Modernization includes a temper of science, reason and rationalism, secularism, high aspiration and achievement orientation, overall transformation of attitudes, norms and values, creation of new functional institutions, investment in new human resource, growth oriented economy, a nation interest rather than kin, caste, religion , region or language oriented interest, an open society and a mobile person. Modernization entails social change; which leads to progress in many fields. It involves transformation of socio political and economic organizations. This includes the transformation indicated by Durkheim from "Mechanical Solidarity" to "Organic Solidarity."

Academic achievement is the capacity to excel others which is important component for every person especially for a student to be successful, as he is always facing competitive situation in his educational career. Achievement after all is the end product of educational endeavors. A teacher is supported to arrange the educational situation in a way so as to encourage pupils to put their heart and soul in the school activities. Hence the problem of achievement has drawn sufficient attention of researchers in the field of educational psychology.

Statement of the problem

" A study of modernization and academic achievement of male and female college students of district Srinagar."

Objectives

The following objectives were formulated for the present study:

1. To study the level of modernization of male and female college students of district Srinagar.
2. To study academic achievement of male and female college students of district Srinagar.
3. To compare male and female college students on modernization.
4. To compare male and female college students on academic achievement.

Hypothesis

The following hypotheses were formulated for the present study.

1. There is no significant difference between male and female college students on modernization.
2. There is no significant difference between male and female college students on academic achievement.

Sample

The sample for the present study consisted of 60 college students (30 male students and 30 female students), selected randomly from the different colleges of district Srinagar.

Tools

The data for the present study were collected with the help of following tools:

1. R.S. Modernization Scale was used by the investigator to measure the level of modernization of college students.
2. Academic achievement of the students were collected by giving them self constructed information blank in which they have to give the aggregate marks of their two previous classes.

Statistical treatment

The data was subjected to statistical treatment by using various statistical techniques viz mean, S.D and 't' test. The following tables show the statistical analysis of the data.

Table 1.0: showing mean comparison of male and female college students on "socio-religious" dimension of modernization.

Category	Mean	s.d	t. value
Male	18.00	3.11	1.19*
Female	17.26	3.24	

*not significant

The perusal table reveals that there is no significant difference between male and female college students on socio religious dimension of modernization. The table reveals that both the groups are similar on socio religious dimension of modernization.

Table 1.1: showing mean comparison of male and female college students on "Marriage" dimension of modernization.

Category	Mean	s.d	t. value
Male	14.36	2.66	3.64*
Female	16.4	3.01	

* significant 0.01 level

The perusal of the above table reveals that there is significant mean difference between male and female college students on marriage dimension of modernization and the t .value is 3.64 which is significant at 0.01 level. However, the table also reveals that mean score favours female students which confirms that female students have higher level of modernization on marriage dimension as compared to male students.

Table 1.2: showing mean comparison of male and female college students on "position of woman" dimension of modernization.

Category	Mean	s.d	t. value
Male	21.7	4.19	2.29*
Female	23.42	3.35	

* significant 0.05 level

The perusal of the above table reveals that there is significant mean difference between male and female

college students on position of woman dimension of modernization and the t. value is 2.29 which is significant at 0.05 level. However, the table further reveals that the mean score favors female students which confirms that the female have higher understanding of position of woman in society as compared to male students.

Table 1.4: showing mean comparison of male and female college students on “education” dimension of modernization.

Category	Mean	s.d	t. value
Male	6.86	2.13	1.80*
Female	7.60	1.95	

*not significant

The perusal of the above table reveals that there is no significant difference between male and female college students on education dimension of modernization. The table reveals that both the groups have similar levels of modernization on the dimension of education.

Table 1.5: showing composite mean comparison of male and female college students on modernization.

Category	Mean	s.d	t. value
Male	253.68	13.54	1.48*
Female	260.8	10.54	

*not significant

The perusal of the above table reveals that there is no significant difference between male and female college students on composite score of modernization. The table reveals that both the groups have similar levels of modernization. On the basis of this experimental evidence the hypothesis no.1 which reads as , “ there is no significant difference between male and female college students on modernization.” Stands true and hence partially accepted.

Table 1.0: showing composite mean comparison of male and female college students on academic achievement.

Category	Mean	s.d	t. value
Male	54.16	6.10	5.32*
Female	58.85	7.95	

* significant 0.01 level

The perusal of the above table reveals that there is significant difference between male and female college students on academic achievement and the t. value is 5.32 which is significant at 0.01 level. However, the table further reveals that the mean score favors female students which confirm that female students have better academic achievement as compared to male students. on the basis of this experimental evidence the hypothesis no.2 which reads as, “ there is no significant difference between male and female college students on academic achievement .” stands false and hence partially rejected.

Conclusion

On the basis of analysis, interpretation and the discussion of results, following meaningful conclusions have been drawn which are reported as :

1. There is no significant difference between male and female college students on socio religious dimension of modernization.
2. There is a significant difference between male and female college students on marriage dimension of modernization.
3. There is a significant difference male and female college students on position of woman dimension of

modernization.

4. There is no significant difference between male and female college students on education dimension of modernization.
5. There is no significant difference between male and female college students on modernization.
6. There is significant difference between male and female college students on academic achievement.

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