

**“A COMPARATIVE STUDY OF LEADERSHIP
EFFECTIVENESS BETWEEN PHYSICAL EDUCATOR AND
OTHER FACULTIES IN HIGH SCHOOL”**

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Abstract:

Leadership is an art because it is a personal characteristic, which is related to personal inequality. Quality of leadership is unequal in every person. Leadership is a science, because leadership can be developed through planning in it. Leadership is an inborn quality which can be developed as per time and chance. Leadership is required for those who work for a common goal, organization and group. The power of leadership is the power of unity. One leader can only indicate the best quality of a group. Which work to link the group. It stops the divisions of the group. The leader gives the creative angle to the power of the group. Leadership is such an innate quality by which person influences on the group. He doesn't do a great job, but he can convince to each and every person of the group that one can do a great job.

Introduction:

Man is a social animal. To learn something everyday makes him superior to other animals. He is utilizing it for suiting his activities according to social needs. Education adds to increase his intellectual which makes him capable to develop in life. Education provides inspiring view to earn knowledge. Education is a creative process, which make a man knowledgeable and make him aware of all the sides of personality. Human deeds can be classified as biological, social and psychological needs. To fulfill these men made a huge development. In which education played a lead role.

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Statement of the Problem

Statement of the problem is a comparative study of leadership effectiveness between physical education teachers and other subject teachers in high schools of Jamnagar and Rajkot districts of Gujarat state.

Limitations

- (1) There was no control over the religion of the subjects.
- (2) There was no control over the Environment of the subjects.
- (3) There was no control over the Heredity of the subjects.
- (4) There was no control over the social customs of the subjects.

Delimitations

- (1) The study was delimited to the Jamnagar and Rajkot of Gujarat state.
- (2) The study was delimited to the randomly selected 200 high school level students of Jamnagar and Rajkot of Gujarat state.
- (3) The study was delimited to the Physical education teachers and other subject teachers was selected from randomly selected high schools of Jamnagar and Rajkot of Gujarat state.
- (4) The study was delimited to the comparison of leadership effectiveness through the selected variables among physical education teachers and other subject teachers of Jamnagar, Rajkot of Gujarat state.

Hypothesis of the Study

- (1) It was hypothesized that there was no significant difference among leadership effectiveness score of ethical and moral strength, adequacy of communication and operations as citizen among physical education teachers and other subject teachers of Jamnagar and Rajkot district of Gujarat state.
- (2) It was hypothesized that there was no association among leadership effectiveness score of ethical and moral strength, adequacy of communication and operations as citizen among physical education teachers and other subject teachers of Jamnagar and Rajkot districts of Gujarat state.

Objectives of the Study

To check Leadership Effectiveness of the physical education teachers and other subject teachers with respect to factors ethical and moral strength, adequacy of communication and operations as citizen .

Selection of the Subjects

For this study, two districts from Gujarat state namely Jamnagar and Rajkot of Gujarat state. were selected the subjects for this study. Further 100 students for physical education teachers and 100 students for other subject teachers were randomly identified and were included in the sample for the present study. Thus total 200 students were selected age ranged between 16 to 18 years.

Reliability of Data

The reliability of data was assured establishing the questionnaire reliability and research scholar competency. For this purpose 10(ten) subjects in each high school was administered questionnaire to answer.

Statistical Procedure

After the collection of the data, T-test was used for the statistical analysis.

Analysis of the Data

Significant Difference of Mean Score on Ethical and Moral Strength among Physical Education Teachers and Other Subject Teachers of Jamnagar District

TABLE-1

($t=1.960$)

| Group Compared | N | Mean | Standard Deviation | Mean Difference | 't' ratio | Level of Significant |
|-----------------------------|----|-------|--------------------|-----------------|-----------|----------------------|
| Physical Education Teachers | 50 | 73.12 | 9.599404743 | 2.5 | 1.25006 | Not Significant |
| Other Subject Teachers | 50 | 70.62 | 10.38423 | | | |

Table Analysis:

The required value of 't' ratio to be significant at 0.05 level was 1.960. It is evident from table-1 that there was no significant difference between the score on ethical and moral strength of physical education teachers and other subject teachers, since the obtained value of 't' (1.25) was lower than the tabulated value of 't' (1.960) which was required to be significant at (N-2=98) degree of freedom at 0.05 level of confidence. The 't' ratio between physical education teachers and other subject teachers in ethical and moral strength was not significant at 0.05 level.

Significant Difference of Mean Score on Adequacy of Communication among Physical Education Teachers and Other Subject Teachers of Jamnagar District

TABLE-2 ('t'=1.960)

| Group Compared | N | Mean | Standard Deviation | Mean Difference | 't' ratio | Level of Significant |
|-----------------------------|----|-------|--------------------|-----------------|-----------|----------------------|
| Physical Education Teachers | 50 | 45.44 | 7.14959682 | 1.54 | 1.024743 | Not Significant |
| Other Subject Teachers | 50 | 43.9 | 7.861687 | | | |

Table Analysis:

The required value of 't' ratio to be significant at 0.05 level was 1.960. It is evident from table-1 that there was no significant difference between the score on adequacy of communication of physical education teachers and other subject teachers, since the obtained value of 't' (1.024) was lower than the tabulated value of 't' (1.960) which was required to be significant at (N-2=98) degree of freedom at 0.05 level of confidence. The 't' ratio between physical education teachers and other subject teachers in adequacy of communication was not significant at 0.05 level.

Significant Difference of Mean Score on Operations as Citizen among Physical Education Teachers and Other Subject Teachers of Jamnagar District

TABLE-3 ('t'=1.960)

| Group | N | Mean | Standard | Mean | 't' ratio | Level of |
|-------|---|------|----------|------|-----------|----------|
|-------|---|------|----------|------|-----------|----------|

| Compared | | | Deviation | Difference | | Significant |
|-----------------------------|----|-------|-------------|------------|----------|-----------------|
| Physical Education Teachers | 50 | 37.9 | 4.900020825 | 1.14 | 1.099541 | Not Significant |
| Other Subject Teachers | 50 | 36.76 | 5.453177 | | | |

Table Analysis:

The required value of 't' ratio to be significant at 0.05 level was 1.960. It is evident from table-1 that there was no significant difference between the score on operations as citizen of physical education teachers and other subject teachers, since the obtained value of 't' (1.10) was lower than the tabulated value of 't' (1.960) which was required to be significant at (N-2=98) degree of freedom at 0.05 level of confidence. The 't' ratio between physical education teachers and other subject teachers in operations as citizen was not significant at 0.05 level.

Significant Difference of Mean Score on Ethical and Moral Strength among Physical Education Teachers and Other Subject Teachers of Rajkot District

TABLE-4

('t'=1.960)

| Group Compared | N | Mean | Standard Deviation | Mean Difference | 't' ratio | Level of Significant |
|-----------------------------|----|-------|--------------------|-----------------|-----------|----------------------|
| Physical Education Teachers | 50 | 76.92 | 11.78522077 | 10.76 | 4.710371 | Significant. |
| Other Subject Teachers | 50 | 66.16 | 11.04603 | | | |

Table Analysis:

The required value of 't' ratio to be significant at 0.05 level was 1.960. It is evident from table-1 that there was no significant difference between the score on ethical and moral strength of physical education teachers and other subject teachers, since the obtained value of 't' (4.71) was higher than the tabulated value of 't' (1.960) which was required to be significant at(N-2=98)

degree of freedom at 0.05 level of confidence. The 't' ratio between physical education teachers and other subject teachers in ethical and moral strength was significant at 0.05 level.

Significant Difference of Mean Score on Adequacy of Communication among Physical Education Teachers and Other Subject Teachers of Rajkot District

TABLE-5 (t'=1.960)

| Group Compared | N | Mean | Standard Deviation | Mean Difference | 't' ratio | Level of Significant |
|-----------------------------|----|-------|--------------------|-----------------|-----------|----------------------|
| Physical Education Teachers | 50 | 46.88 | 6.644439136 | 6.02 | 4.743944 | Significant. |
| Other Subject Teachers | 50 | 40.86 | 6.030568 | | | |

Table Analysis:

The required value of 't' ratio to be significant at 0.05 level was 1.960. It is evident from table-1 that there was no significant difference between the score on adequacy of communication of physical education teachers and other subject teachers, since the obtained value of 't' (4.74) was higher than the tabulated value of 't' (1.960) which was required to be significant at(N-2=98) degree of freedom at 0.05 level of confidence. The 't' ratio between physical education teachers and other subject teachers in adequacy of communication was significant at 0.05 level.

Significant Difference of Mean Score on Operations as Citizen among Physical Education Teachers and Other Subject Teachers of Rajkot District

TABLE-6 (t'=1.960)

| Group Compared | N | Mean | Standard Deviation | Mean Difference | 't' ratio | Level of Significant |
|-----------------------------|----|-------|--------------------|-----------------|-----------|----------------------|
| Physical Education Teachers | 50 | 40.46 | 4.678260622 | 5.04 | 5.386617 | Significant. |

| | | | | | | |
|------------------------|----|-------|----------|--|--|--|
| Other Subject Teachers | 50 | 35.42 | 4.678261 | | | |
|------------------------|----|-------|----------|--|--|--|

Table Analysis:

The required value of 't' ratio to be significant at 0.05 level was 1.960. It is evident from table-1 that there was no significant difference between the score on operations as citizen of physical education teachers and other subject teachers, since the obtained value of 't' (5.39) was higher than the tabulated value of 't' (1.960) which was required to be significant at (N-2=98) degree of freedom at 0.05 level of confidence. The 't' ratio between physical education teachers and other subject teachers in operations as citizen was significant at 0.05 level.

Conclusions

1. There was no significant difference in Ethical and Moral Strength of leadership effectiveness among Physical education teachers and other subject teachers of Jamnagar district of Gujarat state.
2. There was no significant difference in Adequacy of Communication of leadership effectiveness among Physical education teachers and other subject teachers of Jamnagar_district of Gujarat state.
3. There was no significant difference in Operations as a Citizen of leadership effectiveness scale among Physical education teachers and other subject teachers of Jamnagar_district of Gujarat state.
4. There was significant difference in Ethical and Moral Strength of leadership effectiveness scale among Physical education teachers and other subject teachers of Rajkot_district of Gujarat state.
5. There was significant difference in Adequacy of Communication of leadership effectiveness scale among Physical education teachers and other subject teachers of Rajkot district of Gujarat state.
6. There was significant difference in Operations as a Citizen of leadership effectiveness scale among Physical education teachers and other subject teachers of Rajkot_district of Gujarat state.

Recommendations

1. Similar studies may be conducted electing other leadership effectiveness factors contributing to performance efficiency of teachers.
2. The study may be repeated on subjects of higher/lower level and on professional teachers to measure their leadership effectiveness characteristics.
3. Physical education teachers and other subject teachers should take into consideration the leadership pre requisites of game in talent search.
4. The similar study can be done on male & female teachers.
5. A comparative study can be conducted between male and female physical education teachers.
6. A more comprehensive study can be conducted between on large samples of individuals and team leadership.
7. The similar study can be conducted on other regions of India with other groups and different age groups.

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