



# CORRELATION OF SOCIO-ECONOMIC STATUS WITH ACADEMIC ACHIEVEMENT OF GYMNASTS

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**Abstract:** The aim of this study was investigating relation between Socio-Economic Status with academic achievement of Gymnasts. In the present study, 400 national level male gymnasts from district associations of Maharashtra state, aged between 20 to 25 years, were selected as subjects. Two instruments were used by the researcher to study the subjects, to check the academic progress the total marks of the previous year of ongoing penalty and the total marks obtained were looked at and based on that the percentage was calculated. Academic performance report cards of students were prepared. In this paper the number of students completing class 10<sup>th</sup> increased by 1 percent, the percentage of students completing class 12<sup>th</sup> increased by 2 percent and the percentage of students completing post-graduation education increased by 3 percent. The socio-economic status scale created by Rajbir Singh, Radhe Sham and Satish Kumar was used to examine socio-economic status. Descriptive statistics and Pearson's correlation statistical methods were used to analyze the scores obtained by gymnastic experts and based on academic progress. It was concluded that the socioeconomic status of gymnasts affects their academic progress. The researcher suggests that in order to improve the educational level of the students, their educational status can be improved through the improvement of their socio-economic status and financial assistance to them, for which the government, private institutions and economically strong people can Need to come and help forward.

**Index Terms** - Socio Economic Status, Academic Achievement.

## I.INTRODUCTION

A lot of research has shown that there is a close relationship between socioeconomic level and academic progress, research done by Thomson; (2018) explained that socio-economic background affects academic achievement[1]. Socio-economic factors affect student performance, and students with better grades come from better socio-economic strata, it s show that they receive more support from their parents[2]. While it is true that a student's socioeconomic level determines their academic performance, most research finds that students with better socioeconomic status are more likely to receive higher grades or the education they want to pursue. Students with better socio-economic status also seem to have better mental and physical health.

There is a correlation between socio-economic status and academic achievement. A student's socio-economic status can greatly affect their access to education. Students with higher socio-economic status have more options for their education. The fact that basic needs (food, shelter, and security) of these students can be easily obtained makes education in the upper middle and upper-class brackets a priority, hence they focus on education. Students with lower socio-economic status, education may not be prioritized, especially in situations where students' basic needs are not easily met. Students from lower socio-economic status have less access to different types of education. Students may also have less parental support and therefore earn lower grades than their higher socioeconomic status counterparts[3].

Education is the basic need of a nation and the progress of a nation depends on the education system available. In this respect, education is the measure of progress of the nation, and since education is an integral component, a thorough study of all issues is necessary. Equally is physical education and sports play an important part in physical education. Also, the subject of physical education and sports are also important elements in the education process. But what does this have to do with socio-economic status? Do socially and economically well-off children achieve better?

## II. Methodology:

In the present study, 400 national level male gymnasts from district associations of Maharashtra state, aged between 20 to 25 years, were selected as subjects. Two instruments were used by the researcher to study the subjects, to check the academic progress the total marks of the previous year of ongoing penalty and the total marks obtained were looked at and based on that the percentage was calculated. Academic performance report cards of students were prepared. In this, paper the number of students completing class 10<sup>th</sup> increased by 1 percent, the percentage of students completing class 12<sup>th</sup> increased by 2 percent and the percentage of students completing post-graduation education increased by 3 percent. The socio-economic status scale created by Rajbir Singh, Radhe Sham and Satish Kumar was used to examine socio-economic status.

## III. Statistical Techniques:

Descriptive statistics and Pearson's correlation statistical methods were used to analyze the scores obtained by gymnastic experts and based on academic progress.

**Table 1:** Table showing descriptive analysis of socio-economic status and academic achievement of gymnast

Variables	Mean	Std. Deviation	N
Socio-economic status	66.71	23.57	400
Academic achievement	65.39	13.99	400

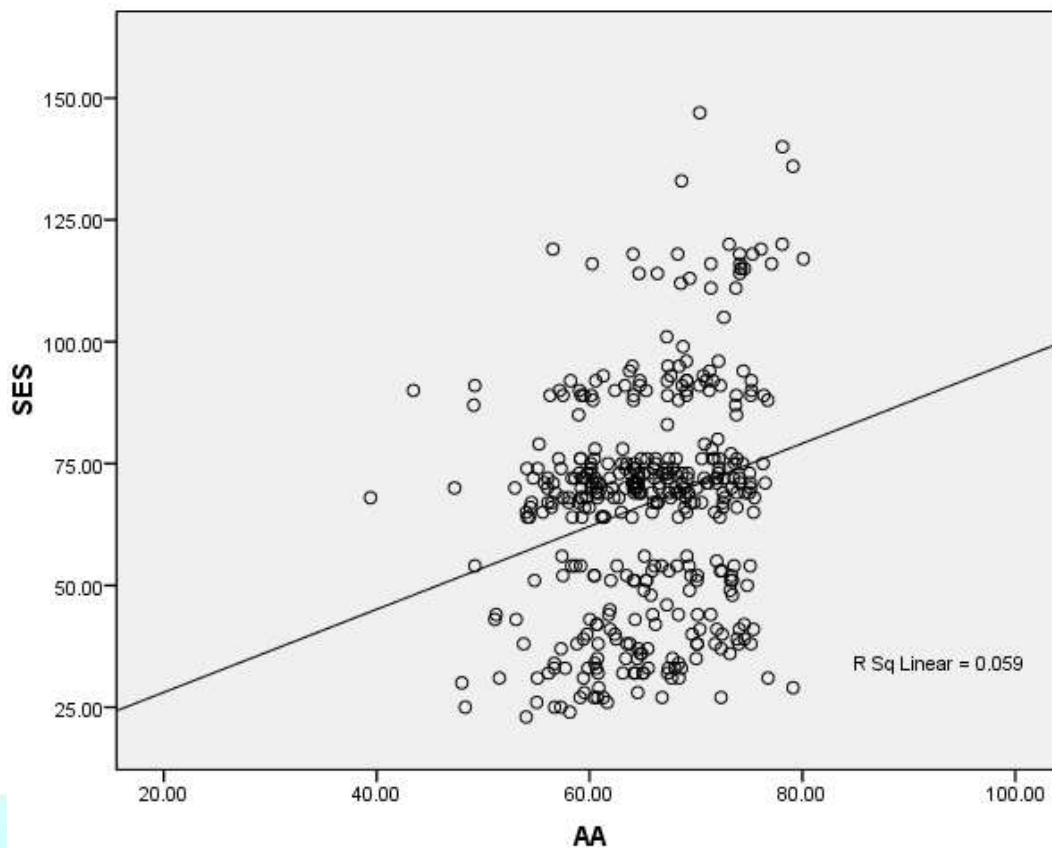
Table no. 1 Shows socio-economic status mean (66.71) and standard deviation (23.57), academic achievement is mean (65.39) and standard deviation (13.99)

**Table 2:** Table showing the correlation of gymnast socio-economic status with academic achievement

Variables	Coefficient Correlation (r)
Socio-economic status with Academic achievement	0.243**

\*0.05 and 0.01 significance level at 'r' 398=0.128 and 0.098.

Above table no. 2 shows the correlation of gymnast Socio-economic status with academic achievement. Gymnast Socio-economic status was found to have a significant correlation with academic achievement (0.243). Based on the obtained results, it was concluded that the Socio-economic status of gymnast was found to have a positively significant correlation with the academic achievement.



**Fig.1:** A graph showing the correlation of gymnast socio-economic status with academic achievement

#### IV. Discussion:

From the fact that the researcher has studied various researches, it is seen that the findings obtained in the study conducted by the researcher are similar to the findings obtained by other researchers. Socio-economic status was found to have an effect on academic achievement. Many researches were conducted in this regard, the results of those researches and the present research seem to be similar. As Li, et al. (2020) looked at the relationship between socioeconomic status and academic achievement of junior high school students in China, both family socioeconomic status and self-concept were significantly related to children's academic achievement. Self-concept appeared to partially mediate the relationship between socioeconomic status and school academic achievement. Also Chandra, in (2014) conducted a research on the effect of socioeconomic status and intelligence on the academic performance of secondary school students in Lucknow city. The research concluded that socioeconomic status plays an important role in determining the academic achievement of students. Similarly, the level of intelligence also affects the socioeconomic status and further affects the academic performance of the students. Medium of education, class and type of board also play a major role in determining academic success. The results of the study conducted by Okioga in (2013) showed that the social and economic background of the students has an influence on the academic performance of the students. A student's education, a major characteristic, high and low socio-economic status, or skills play a major role in obtaining employment.

#### V. Conclusion:

It was concluded that the socioeconomic status of gymnasts affects their academic progress. The researcher suggests that in order to improve the educational level of the students, their educational status can be improved through the improvement of their socio-economic status and financial assistance to them, for which the government, private institutions and economically strong people can need to come and help forward.

#### Reference:

- [1]. Thomson, S. (2018). Achievement at school and socioeconomic background—an educational perspective. *Science of Learning*, 3 (5).
- [2]. Panjab College, "How does socioeconomic status affect education?", <https://pgc.edu/socioeconomic-status-affect-education/> 29.08. 2023/ 9:34 AM.
- [3]. Durso, C. and Linde, S. Effects of Socioeconomic Status on Education, Foundations of Education: Help and Review, Chapter 57, <https://study.com/learn/lesson/community-factors-education-socioeconomic-status-impact.html>
- [4]. Li Xu. et. al. (2020). Relationship between SES and Academic Achievement of Junior High School Students in China: The Mediating Effect of Self-Concept. *Front. Psychol.*, 10, 2513.

- [5]. Chandra, R. (2014). Influence of Socio Economic Status and Intelligence on Academic Achievement of Secondary School Students of Lucknow City, *Published Ph.D. Thesis*, Integral University.
- [6]. Okioga, C. K. (2013). The Impact of Students' Socio-Economic Background on Academic Performance in Universities, A Case of Students in Kisii University College. *American International Journal of Social Science*, 2 (2), 15-22.

