

RESEARCH ARTICLE

FACTORS AFFECTING ACADEMIC PERFORMANCE OF HIGH SCHOOL STUDENTS IN SELECTED SCHOOLS OF FARIDKOT, PUNJAB: A DESCRIPTIVE STUDY

ABSTRACT

INTRODUCTION: Education is one of the imperative aspects that not only inculcates the essential skills, abilities and knowledge among the individuals, but also leads to overall growth and progress of the individuals, community and nations as a whole. Academic performance of students influences a country's social and economic development. The inculcation of academic knowledge, skills, abilities and proficiency among individuals is enhanced through learning and academic performance.

AIM: The present study was aimed to assess the factors affecting the academic performance of High school students in selected schools of Faridkot, Punjab.

MATERIALS AND METHODS: In the study, quantitative approach and descriptive design were selected to conduct the study. The research settings were M.G.M. Senior Secondary School, Faridkot and Dashmesh Public School, District Faridkot. A self-structured questionnaire tool was used for collection of data. The study was conducted among 100 High school students. Sample for current study included 100 from 9th and 10th standard students from selected schools of Faridkot city, Punjab. Purposive sampling technique was used to select the sample.

RESULTS: The study found that only Personal factors among 4 factors that is Personal, School related, Peer related and Parental related factors show significant association with academic performance of High school students. Majority of the students (70%) were having very good academic performances.

CONCLUSION: The present study concluded that high school students were having good academic performance. The personal factors of the students were significantly associated with academic performances. It is necessary to focus on all the factors related to student to enhance their academic performance.

KEYWORDS: Academic performance, High school students, Personal factors

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INTRODUCTION

AND

BACKGROUND OF THE STUDY

Education is one of the imperative aspects that not only inculcates the essential skills,

abilities and knowledge among the individuals, but also leads to overall growth and progress of the individuals, community and nations as a whole. An educated person is not only able to accomplish his desired goals

and objectives, but is also able to render an efficient contribution towards well-being of the community. The inculcation of academic knowledge, skills, abilities and proficiency among individuals is enhanced through learning and academic performance. In the school, there are numerous factors that continue an important part in enhancing the academic performance of the students.¹ Academic performance of students influences a country's social and economic development, as a result, studies focusing on aspects related to academic performance, particularly those emphasizing institutional, psychological, pedagogical, social and demographic variables for institutional reform have grown in importance. Several researches have been conducted in numerous institutions throughout the world to discover the factors that contribute to poor academic performance. The majority of these research concentrate on the three intervening elements-Parents, Teachers and Students.² Multiple factors are known to affect learning and academic performance including personality, family background, gender, age, learning styles, methods, parental and peer pressure and even psychological illness.³ Different factors are inside and outside the school that affect students' academic performance.⁴ Numerous studies have attempted to define the factor affecting students' universal achievement or performance but do not provide the adequate information. Therefore, present study was

conducted to assess the factors affecting academic performance of high school students in selected schools of Faridkot, Punjab.

OBJECTIVES OF THE STUDY

1. To evaluate the factors influencing academic performance of high school students in selected schools of Faridkot, Punjab.
2. To find out the academic performance of high school students.
3. To assess the association between the factors affecting academic performance of high school students and academic performance of High school students

MATERIAL AND METHODS

Research approach & design: A quantitative research approach was used to carry out descriptive design for present study.

Sample and Sampling Technique: The purposive sampling technique was used to select 100 students from class 9th and 10th studying at Dashmesh Public School to assess the factors influencing academic performance.

Description of the tool:

The tool was consists of three parts:

Part 1: Socio-Demographic Profile

It includes 11 items i.e. age, gender, class, religion, area of residence, annual family income, occupational status of father, occupational status of mother, educational status of father, educational status of mother,

dietary habits, number of siblings in family.

Part 2: Five point Self- Structured Likert scale to assess the factors affecting academic performance

It includes Personal, School related, Peer related and Parental related factors. The tool consist 20 items.

Part 3: Academic Achievement Record

It consists of academic record sheet which is used to assess last examination performance of students.

CRITERION MEASURE

The academic achievement was categorized in 3 categories as follows:

- poor (< 50%)
- good (51-75%)
- very good (>75%).

RESULTS

ETHICAL CONSIDERATIONS

The study approval was taken from ethical committee of University College of Nursing, Faridkot, Punjab. Permission was also taken from Principal of Dashmesh Public School, Faridkot and M.G.M. Senior Secondary School, Faridkot. Keeping in mind the legal rights of the students only those who are willing to participate were included in the study. Written informed consent was taken from each participant after informing them about study and its objectives. The confidentiality was maintained throughout the study.

Table 1

Frequency and percentage distribution of subjects as per socio-demographic variables.

N==100

Demographic Variables	Frequency(f)	Percentage (%)
Age (in years)		
13	33	33%
14	29	29%
15	36	36%
Above 15	2	2%
Gender		
Male	39	39%
Female	61	61%

Religion		
Sikh	51	51%
Hindu	47	47%
Christian	1	1%
Muslim	1	1%
Others	0	0%
Area of residence		
-Urban	55	55%
Rural	45	45%
Annual family income		
<50,000	29	29%
50,000-1 lakh	11	11%
1.01-2 lakhs	21	21%
>2 lakhs	39	39%
Occupational status of		
Father		
Farmer	15	15%
Private job	31	31%
Government employee	19	19%
Own business	35	35%
Occupational status of		
Mother		
Housewife	60	60%
Private job	16	16%
Government employee	20	20%
Own business	4	4%
Dietary habits		
Vegetarian	50	50%
Non- vegetarian	43	43%
Eggetarian	7	7%

The table 1 depicts that in terms of age, Majority of samples, 36(36%) were in age group of 15-16 years.

Out of 100, 61(61%) study subjects were females while remaining 39(39%) were males. Out of 100,

majority of subjects 51(51%) belonged to Sikh religion, 47(47%) were Hindus, 1(1%) belonged to Muslim and also 1(1%) belonged to Christian religion. Out of 100

samples, half of the samples that is 50(50%) were vegetarian,43(43%) were non vegetarian and remaining 7(7%) were eggetarian.

Table 2

Frequency and percentage distribution of subjects as per factors affecting academic performance of High school students. N = 100

S. No.	Factors affecting Academic Performance	Yes	Occasionally	No
1.	Personal factors	98 (98%)	2 (2%)	0 (0%)
2.	School related factors	96 (96%)	4 (4%)	0 (0%)
3.	Peer related factors	96 (96%)	4 (4%)	0 (0%)
4.	Parental related factors	95 (95%)	5 (5%)	0 (0%)

Table 2 stated that the majority of students (98%) have affect on academic performances due to personal factors in which 5% students have poor academic performance, 24% students have good academic performance and 69% students have very good academic performance.

2% of students are occasionally affected by personal factors. Out of which 1% students have good academic performance and 1% of students have very good academic performance.

Table No. 3

Frequency and percentage distribution of academic performance of High school students. N = 100

Level of the performance	Frequency (f)	Percentage (%)
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Poor	6	6%
Good	24	24%
Very Good	70	70%

Table 3 illustrated that 70% students have very good academic performance followed by 24% were good in

academic activities. Only 5% students were poor in academic performance.

Table No. 4

Association of academic performance and personal factors of students

N=100

Factors		Academic performance			Chi test	df	p- value
		Poor	Good	Very good			
Personal factors	Yes	5	24	69	7.191	2	0.027*
	Occasionally	1	0	1			
	No	0	0	0			
School related factors	Yes	5	24	67	3.522	2	0.172 ^{NS}
	Occasionally	1	0	3			
	No	0	0	0			
Peer related factors	Yes	5	23	67	1.830	2	0.401 ^{NS}
	Occasionally	1	1	3			
	No	0	0	0			
Parental related factors	Yes	5	22	67	1.807	2	0.405 ^{NS}
	Occasionally	1	2	3			
	No	0	0	0			

The table 4 demonstrates that the association between academic performance and factors

revealed that only personal factors (p=0.027) was significantly associated with academic performance of the students (table-4). While

other factors like school related factor ($p=0.172$), peer related factors ($p=0.401$) and parental related factors ($p=0.405$) have shown

no significant association with academic performances of the students at $p<0.05$

DISCUSSION

The present study was conducted to assess the factors affecting the academic performance of high school students in selected schools at Faridkot, Punjab. The findings of study revealed significant association exists between academic Performance of high school students and personal factors. The results were supported by Abou NM et al⁵ (2023) stated that students' performance is impacted by various factors, although these factors vary from person to person and organization to organization. Azhar M et al⁶ (2014) and Tsinidou M et al⁷ (2010) explored that parents' social or economic status impacts their children's academic performance and examination grade position, either favorably or unfavorably. This finding was in support of present research outcomes. Similar findings were reported in the study of Vermunt J.D. (2005)⁸ which revealed that relationship between student learning patterns and personal factors affect the academic performance of the high school students. In another study, Keena Paul Sygaco⁹ (2021) stated that sleep deprivation and feeling sleepy during the class which correlates the sleep with academic performance. Additionally, Ernst Bekkering (2020)¹⁰ revealed that in each class and for the four

classes combined they found a statistically significant relationship between participation and performance in class. This finding was in support of our research findings. Wijaya TT et al¹¹ (2023) communicated that student engagement was the most significant positive factor in improving the students' well-being, while parental support could most significantly reduce their stress levels. In another study, Rahman S et al¹² (2023) also revealed that to improve academic performance, parental involvement needs to be increased, and they must provide financial and material support to their offspring for their academic success. The academic performances of the students are vital and it is necessary to pay attention on the factors which directly or indirectly affects their academic performance.

CONCLUSION

The present study includes various factors affecting academic performance of the students. Out of 4 factors, an only personal factor shows significant association with academic performance of high school students. The most of students were having very good to good levels of academic performances. It is necessary to encourage the students towards academic performances.

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