

A STUDY ON THE DEVELOPMENT AND ECONOMIC EXPLORATION OF PRIMARY EDUCATION IN JAMBUSAR TALUKA

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INTRODUCTION

At present, the main objective of all the countries of the world is to increase the quality of life of the people by achieving high economic growth. This requires a steady increase in the income, education, and health of the people. Education is a basic human need. Without education no one can develop himself and use his art and skills freely and properly. The development of education is the process of development of the nation. The contribution of education to society is decisive. Educated and healthy people can play a meaningful role in social, economic, political and cultural development. Improving the quality of primary education is an indispensable requirement of social and national development. That is why primary education is basic education. Only if the primary education is sound and of good quality will it be possible to prepare ideal citizens for the development of the nation.

PRIMARY SCHOOL:

As per Gujarat Education Act (Amendment) Act, (2010), According to the Mumbai Primary Education Act, a school which provides elementary education up to standard eight is called a primary school. Primary schools are a district panchayat recognized by the Gujarat State Government and run by them Such schools teaching one to eight standards.

PROBLEM STATEMENT:

There are many problems in today's education world and among them, especially in the present time, primary education is often discussed. The present study is very important to know the state of development of primary education in Jambusar taluka, various expenses incurred in schools and their percentage, what is the cost per student, enrollment rate of male and female students, their type, and quality of infrastructural facilities in the school.

OBJECTIVES:

The objectives of the present study are as follows.

- District Panchayat School of Jambusar taluka to check the development status of government and private primary schools.
- District Panchayat School of Jambusar taluka to check the expenses of government and private primary schools and the cost per student.
- District Panchayat School of Jambusar taluka aims to check infrastructural facilities in government and private primary schools.

RESEARCH STUDY METHOD:

Descriptive method and survey method have been used in the present research study.

Ideal selection of research studies:

In the present research study, the sample selection is mainly using random sampling system. Out of 124 District Panchayat Government Primary Schools and 17 Private Primary Schools in Jambusar Taluka, 5% District Panchayat Government Primary Schools and 10% Private Primary Schools as per the percentage. Schools are selected as role models.

Information Collection:

In the present research study, information has been collected in two ways.

(1) Preliminary information:

In the present research study, information has been collected from 06 District Panchayat Government Primary Schools and 02 Private Primary Schools out of 124 District Panchayat Government Primary Schools and 17 Private Primary Schools in Jambusar taluka.

(2) Secondary information:

In the present research study, secondary information has been collected from books, government reports, research papers and websites as secondary information.

IMPORTANCE OF RESEARCH STUDY

The present study is mainly to get information about the state of development in the primary schools of Jambusar taluka.

- The present study will find out the various expenses incurred in the primary schools of Jambusar taluka and the cost per student.
- In the present study mainly of infrastructural facilities in primary schools of Jambusar taluka The condition is known.

LIMITATIONS OF RESEARCH STUDIES:

In the present study, only 06 District Panchayat Government and 02 private primary schools have been studied from district panchayat government and private primary schools in Jambusar taluka as per percentage system as per random sampling system which can be considered as limitation of study. So that the findings of this study cannot be applied in any other taluka or district or any where else.

LITERATURE REVIEW RELATED TO THE SUBJECT:

Ghosh Asmita (2006) Ghosh Asmita conducted a research study in 2006 on the subject of analysis of the state of primary education in Calcutta. In the present research study, an attempt was made to find out the cost per student by knowing the status of enrollment in primary schools.

B. Rajesh (1987) Rajesh B. conducted a study on the primary education of Andhra Pradesh Jaya in the 1987 year Economics subject. The state of primary school enrollment in the state, drop out, tuition per student, waste of public education expenditure and its effects on national production of education and farm production were studied.

ANALYSIS OF PRIMARY DATA:

Expenses of District Panchayat Primary Schools

Details	2018-19	2019-20
Salary expenses	19727171 (93.82)	23748806 (94.32)
Construction cost	-	-
Repair cost	9600 (0.04)	-
School Development expenses	207634 (0.98)	344910 (1.37)
Educational material expenditure	7400 (0.03)	10100 (0.04)
Library expenses(Book/Magazine)	-	-
Furniture expenses	-	-
Textbook expenses	-	-
Uniform/Scholarship expenses	1064250 (5.06)	1049650 (4.16)

Sport/Cultural Program expenses	1000 (0.04)	1000 (0.03)
Other expenses	6480 (0.03)	20980 (0.08)
Total Expenses	21023535	25175446

Source: based on survey

In the above table, the percentage of salary expenditure in the total expenditure of the district panchayat school in the year 2017-18 was found to be 93.82%. After that, the percentage of uniforms and scholarships given to children by the government was 5.06 percent and the percentage of school development expenditure was 0.98 percent. The percentage of other expenses is also shown in the table. If you look at these expenditures in the year 2019-20, the percentage of salary expenditure was 94.32 percent which has increased as compared to the previous year. The percentage of uniform and scholarship payments was 4.16 percent. Which is found to be reduced as compared to the previous year. The percentage of school development expenditure was 1.37 percent, which indicates an increase over the previous year.

Expenses of Private Primary Schools

Details	2018-19	2019-20
Salary expenses	2256000 (51.27)	2460000 (40.99)
Construction cost	-	-
Repair cost	550000 (12.5)	620000 (10.32)
School Development expenses	537000 (12.20)	937000 (15.63)
Educational material expenditure	345000 (7.85)	1030000 (17.16)
Library expenses(Book/Magazine)	40000 (0.90)	90000 (1.49)
Furniture expenses	60000 (1.36)	200000 (3.33)
Textbook expenses	77000 (1.76)	93000 (1.56)
Uniform expenses	77000 (1.76)	90000 (1.49)
Scholarship expenses	210000 (4.77)	240000 (4.00)
Sport/Cultural Program expenses	103000 (2.34)	82000 (1.36)
Other expenses	145000 (3.29)	160000 (2.67)
Total Expenses	4400000	6002000

Source: based on survey

The table above shows the various expenses incurred in a private primary school and their percentage. In the year 2018-19, the highest percentage of expenditure is salary expenditure which is 51.27 % followed by school development expenditure which is 12.20%. Thus the percentage of each expense is shown. Similarly, in the year 2019-20, the highest percentage of expenditure is on salary expenditure which is 40.99 percent followed by educational material expenditure which is 17.16 percent. Thus, the percentage of various expenditure incurred during the last two years is shown in respect of district panchayat schools and private primary schools.

Cost per student (per unit) District Panchayat Primary School

Details	2018-19	2019-20
School expenses (in lakhs)	210.23	251.75
Number of students in the school	972	951
Number of students pass the annual exam	972	951
Gross cost per student (per unit)	2162	2647
Effective cost per student(per unit)	2162	2647
Educational efficiency	100	100
Educational waste	00	00
Waste of education costs (in lakhs)	00	00

Source: based on survey

In the table above, the expenditure per student (per unit) is shown in the context of District Panchayat Primary School in which the expenditure per student (per unit) was Rs. 2162 in the year 2018-19 which increased to Rs. 2647 in the year 2019-20. No academic waste was observed.

Cost per student (per unit) Private Primary School

Details	2018-19	2019-20
School expenses (in lakhs)	44.00	60.02
Number of students in the school	1111	1104
Number of students pass the annual exam	1111	1104
Gross cost per student (per unit)	3960	5436
Effective cost per student(per unit)	3960	5436
Educational efficiency	100	100
Educational waste	00	00
Waste of education costs (in lakhs)	00	00

Source: based on survey

In the table above, the expenditure per student (per unit) is shown in the context of a private primary school in which the expenditure per student (per unit) was Rs.3960 in the year 2018-19 which increased to Rs. 5436 in the year 2019-20.

Racial equality

Gov. school	Details	2018-19	2019-20
	Boy	478 (47.38)	494 (51.95)
	Girl	494 (52.62)	457 (48.05)
Private School	Boy	627 (56.43)	629 (56.98)
	Girl	484 (43.57)	475 (43.02)

Source: based on survey

The above table shows the racial equality in which in the year 2016-19, District Panchayat School The percentage of male students in schools was 47.38 percent, while the percentage of female students was 52.62 percent, while in private schools the percentage was 56.43 per cent for boys and 43.57 percent for girls. In the year 2019-20, the percentage of boys was 51.95 and that of girls was 48.05, while in private schools, the percentage of boys was 56.98 and the percentage of girls was 43.02. It can be said that District Panchayat School The number of girls is higher in schools while the number of boys is higher in private schools.

Social Equality

	Details	2018-19	2019-20
Gov. School	SC	48 (4.94)	44 (4.63)
	ST	209 (21.50)	212 (22.29)
	OBC	514 (52.89)	495 (52.05)
	Other	201 (20.67)	200 (21.03)
	Total	972 (100)	951 (100)
Private School	SC	109 (9.82)	117 (10.60)
	ST	46 (4.14)	39 (3.53)
	OBC	439 (39.51)	461 (41.76)
	Other	517 (46.53)	487 (44.11)
	Total	1111 (100)	1104 (100)

Source: based on survey

In the above table, according to social equality, information is shown in district schools and in private primary schools according to caste. In the year 2018-19 and 2019-20, the information has been shown according to the percentage of the number in both the schools according to the caste.

Infrastructural Condition of the school:

Details	Gov. School		Private School	
	Number	Percentage	Number	Percentage
Raw building	00	00	00	00
Raw-pucca building	00	00	00	00
Pucca building	06	100	02	100
Total	06	100	02	100

Source: based on survey

The table above shows the physical condition of the school and the condition of the building. All the district panchayat primary schools had pucca houses as well as private primary schools which had 100 percent pucca houses.

Facilities of Compound wall in schools

Details	Gov. School		Private School	
	Number	Percentage	Number	Percentage
Yes	06	100	02	100
No	00	00	00	00
Total	06	100	02	100

Source: based on survey

The table above details whether the schools have compound wall facilities. All the district panchayat school had compound wall facility and also private primary school had compound wall facility which was 100%.

Classroom

Student-classroom rate

Details	Gov. School	Private School
Number students in school	951	1104
Number of classroom	55	59
Student-classroom rate	17	19

Source: based on survey

The table above shows student classroom rate information. In which the number of student classrooms in district panchayat primary school was 17 and in private school it was 19 found that the number.

Facilities of Water in schools

Details	Gov. School		Private School	
	Number	Percentage	Number	Percentage
Borewell	04	66.66	00	00
from the well	01	16.67	00	00
RO plant	01	16.67	02	100
Handpump	00	00	00	00
Total	06	100	02	100

Source: based on survey

The table above show the details of drinking water facility in the school. In which the percentage of district panchayat school with water facility coming through borewell is 66.66 which is the highest the school with water facility coming through RO plant in private school is 100%.

Facilities of Electricity in schools

Details	Gov. School		Private School	
	Fan	Light	Fan	Light
Total number	137	132	240	198
Number classroom	55	55	59	59
rate per classroom	2.49	2.40	4.07	3.36

Source: based on survey

The table above shows the details of electricity supply in the school including the number of fans and lights per classroom. In which it can be seen that district panchayat school. Private primary school seems to have better fan and light per classroom than school.

Facilities of Sanitation in schools

Details	Gov. School		Private School	
	Toilet	Toilet	Toilet	Toilet
	Boys	Girl	Boys	Girl
Number of School	06	06	02	02
Number of unit of sanitation	15	24	16	20
Unit of sanitation per school	2.50	4.00	8.00	10.0

Source: based on survey

Facilities of Sanitation in schools

	Gov. School	Private School
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Details	sanitation	Sanitation	sanitation	sanitation
	Boys	Girl	Boys	Girl
Number of School	06	06	02	02
Number of unit of sanitation	22	14	18	17
Unit of sanitation per school	3.66	2.33	9.00	8.50

Source: based on survey

Educational tools

Details	Maps	Chart	Experimental Tools	Storybook	TV
Gov. School	06	06	06	06	06
Total School	06	06	06	06	06
Private School	02	02	02	02	02
Total School	02	02	02	02	02

Source: based on survey

Library

Book-Student Rate

Details	Gov. School	Private School
Number of Students	951	1104
Number of Books	5413	12500
Books Students Rate	5.70	11.32

Source: based on survey

The details of the book student rate are shown in the table above. The District Panchayat School proportion in school was 5.70 percent while in private primary schools it was 11.32 percent.

School-Computer rate

Details	Gov. School	Private School
Number of School	06	02
Number of Computers	61	37
School Computers Rate	10.16	18.50

Source: based on survey

The details of school computer rate are shown in the above table. The District Panchayat School proportion in schools was 10.16 percent while in private primary school it was 18.50 percent.

Facilities of Gardening in schools

Details	Gov. School		Private School	
	Number	Percentage	Number	Percentage
Yes	05	83.33	02	100
No	01	16.67	00	00
Total	06	100	02	100

Source: based on survey

Facilities of playground in schools

Details	Gov. School		Private School	
	Number	Percentage	Number	Percentage
Yes	3	50	02	100
No	3	50	00	00
Total	06	100	02	100

Source: based on survey

The table above shows whether the school have playground or not. In which 03 district panchyat primary school did not have its own ground while the private school had their own playground.

FINDINGS BASED ON RESEARCH STUDIES

District Panchayat School If we look at the expenditure of schools in the year 2019-20, the percentage of salary expenditure was 94.32 percent which has increased as compared to the previous year. The percentage of

uniform and scholarship payments was 4.16 percent, which is lower than the previous year. In private primary schools, the highest percentage of expenditure in the year 2019-20 is on salary expenditure which is 40.99 percent followed by educational material expenditure which his 17.16 percent

- District Panchayat School In the year 2018-19, the expenditure per student (per unit) in the school was Rs.2162. In the year 2019-20 the cost per student (per unit) in was Rs.2647. Private School In the year 2018-19, the expenditure per student (per unit) in the school was Rs.3960. In the year 2019-20 the cost per student (per unit) in was Rs.5436.

- All the district panchayat primary schools had pucca houses as well as private primary schools had pucca houses whose percentage was 100%.

- In district panchayat primary school, the number of student classrooms is 17 and in private primary school it is 19

- The percentage of district schools with water facility coming through borewell is 66.66 which is the highest while the school with water facility coming through RO plant in private school is 100 percent.

- Book Student Rate in District Panchayat School The proportion in school was 5.70 % while in private primary school it was 11.32 percent

- School commuter rate in District Panchayat School The proportion in schools was 10.16 percent while in private primary schools it was 18.50 percent

- In the sports ground 3 District Primary School did not have its own ground while both the private schools had their own sports ground.

SOME SUGGESTIONS BASED ON RESEARCH STUDIES:

- Efforts should be made to spend more for the development of schools in the district primary schools.
- Adequate classrooms should be created in the District Panchayat Primary School to increase the student classroom rate.
- Efforts should be made to make RO plants available for drinking water even in District Panchayat Primary Schools.
- District Panchayat School It is also necessary to increase the number of non-text books in the school so that the children have more reading activity
- District Panchayat School Efforts should also be made to ensure that the school has its own playground. So that children understand the importance of sports.

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