

Library Availability and Usages Statistics among Government and Private Schools of North 24 Pargana District, West Bengal: A Descriptive cum Survey Study

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Abstract:

The present paper briefly discusses on library statistics like availability of library resources, accessibility by male and female students and problems among government and private schools of North 24 pargana district, West Bengal by descriptive cum survey method. After study it was found that each and every private school has library facilities where 35% government school has well set up library, 20% has moderate library and 30% school don't have any library facility and it was found that 95% private school has a librarian where 45% government school don't have any librarian. About the library usage among students in private school a huge percentage of students uses library regular and frequent basis but in government school only 10% students visited library regularly while 45% frequently visited and 21% students don't use library facilities. Finally a gender divide (dissimilarity) has been found in usage of library facilities.

Key words: School library, Library statistics, Government school, private school, Male and Female students, West Bengal

Introduction:

A library is the centre of schools' tutorial activities. The quality, growth, manners, etiquette, human values, culture square measure greatly influenced by libraries. The teaching and learning methodology will certainly be lacking lustre whereas not associated with rich library. It's indispensable for student centred teaching and learning methodology. Thus, libraries act as a catalyst in education, transportation the globe to the children whereas they sit in lecture rooms or at home. Libraries have successfully bridged the gap between what the children need to grasp and what they're instructed in faculties.

Objective of the study:

1. To discover the library availability in different private and government school of North 24 Pargana district, West Bengal.
2. To discover the user-friendliness status of library resources for study purposes by the private and government school students of North 24 Pargana district, West Bengal.
3. To uncover the accessibility eminence of library resources among male and female students of the private and government school students of North 24 Pargana district, West Bengal.

Hypothesis –

1. There is a considerable dissimilarity in the accessibility status of utilization of library assets for academic purpose by the private and government school of North 24 Pargana districts, West Bengal.
2. There is a major difference between in the usage of library resource among male and female students in private and government schools of North 24 pargana district, West Bengal.

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- There is a major difference between in the usage of library resource among male and female students in private and government schools of North 24 pargana district, West Bengal.

Methodology:

As methodology the descriptive – cum – survey method has been used for study. The secondary school students from different [20 private school] and [30 government school] of North 24 Pargana district of West Bengal has been used as the population of this study. The sample of this study comprised of 180 [80 students from private school and 100 students from government school] in private school among 80 students 48 (60%) male and 32(40%) female and govt. School among 100 students 55 (55%) male and 45(45%) female] students coming under the population of this study and the selection of the sample had done randomly. A self developed questionnaire has administered on the sample for the collection of data and the analysis and interpretation of the data has done by the use of a simple percentage (%) and Chi– square test.

Limitation of the study:

Name of any institute strictly ignored due to reputation of school and some social problems. Different ICT tools used in the library, library collection development and library finance for institute has been ignored in this study.

Analysis and Interpretation

The analyses of the study had made as per the objective wise as given below:

The finding of the objective- 1 is as follows:

- To find out the library availability in different private and government school of North 24 pargana district, West Bengal.

Table- 1

Presentation the percentage analysis of the availability of library and librarian

Institute	Availability of library	Not available	Availability of Librarian	Not available
Private	100%	0%	95%	5%
Government	70%	30%	55%	45%

Interpretation: In table 1 it is observed that a very high percentage i.e. 100% of private school has library facilities and it is found that 95% of private school has a librarian for supporting students only 5% private school has no librarian. Where in the government school only 70% school has library and 30% school has no any library. and in the government school only 55% school has a librarian and a high percentage of school i.e. 45%, there is no librarian.

Table- 2

Showing the percentage analysis of the condition of library

Institute	Good	Moderate	poor	Not available
Private	75%	20%	5%	0%
Government	35%	20%	15%	30%

Library good, moderate and poor rating is given on the basis of Library space, environment, and number of collection, library decoration and service given. And also from survey result among students.

Interpretation: In table 1 it is seen that a 55% of private school has well equipped library facilities, 35% of private school has moderate library facilities and only a little number 10% private school has poor library condition. On the other hand in Government schools only 35% school has well developed library and 20% moderate and 15% poor library facility respectively and in 30% school has not any kind of library facilities given to the students.

Objective-2

To discover the user-friendliness status of library resources for study purposes by the private and government school students of North 24 Pargana district, West Bengal.

Hypothesis –

1. There is a considerable dissimilarity in the accessibility status for utilization of library assets for academic purpose by the private and Government school of North 24 Pargana district, West Bengal.

Table -3

Observed Frequencies on the utilization of library assets for the academic purpose by the students of private and government school of North 24 Pargana district, West Bengal.

Institute	Daily	Weekly	Monthly	Occasionally	Never	Total
Private school	16	34	22	8	0	80
Government school	6	19	23	31	21	100

Table – 4

Expected Frequency on the utilization of library assets for the academic purpose of students of private and Government school:

Expected frequency calculated by the Excel using the following formula = **(Row total*Column total)/ Grand total of cells**

Institute	Daily	Weekly	Monthly	Occasionally	Never
Private school	14.22222222	23.55555556	20	17.33333	9.33333
Govt. school	17.77777778	29.44444444	25	21.66667	11.66667

Table 5

Shows chi square statistics:

Chi square statistics by the Excel using the following formula:

Sum of = (Actual value-Expected value)² / Expected value

Institute	Daily	Weekly	Monthly	Occasionally	Never	Total
Private school	3.95959596	4.631027254	0.2	5.02564	9.33333	80
Government school	3.167676768	3.704821803	0.16	4.02051	7.46667	100

Pearson Chi-square value- 41.669

Degree of freedom- 4

Chi table value at X² 0.05 level- 9.488

Table -6

Observed Frequencies on time spending in library for the study purpose by the students of private and government school of North 24 Pargana district, West Bengal:

Institute	0 to 2 hours	2 to 3 hours	< 3 hours	Don't use	Total
Private school (number of students)	56	17	7	0	80
Government school (number of students)	63	11	4	21	100

Table-7

Expected Frequency on the time/hours spent on the access of e-resources for study purpose by male and female students

Expected frequency calculated by the Excel using the following formula = **(Row total*Column total)/ Grand total of cells**

Institute	0 to 2 hours	2 to 3 hours	< 3 hours	Don't use
Private school	52.88888889	12.44444444	4.88888889	9.33333
Government school	66.11111111	15.55555556	6.11111111	11.6667

Table 8

Shows chi square statistics:

Chi square statistics by the Excel using the following formula: **Sum of = (Actual value-Expected value)² / Expected value**

Institute	0 to 2 hours	2 to 3 hours	< 3 hours	Don't use
Private school	0.183006536	1.66765873	0.911616162	9.33333
Government school	0.146405229	1.334126984	0.729292929	7.46667

Pearson Chi-square value- 21.772

Degree of freedom- 3

Chi table value at X² 0.05 level- 7.814

Objective-3

To uncover the accessibility eminence of library resources among male and female students of the private and government school students of North 24 Pargana district, West Bengal.

Hypothesis-

2. There is a major difference between in the usage of library resource among male and female students private and government school of North 24 Pargana district, West Bengal.

Table-8 Observed Frequency on the utilization of library assets for the academic intention by the male and female students of private school

Use of e-resources/gender	0 to 2 hours	2 to 3 hours	< 3 hours	Don't use	Total
Male	37	8	3	0	48
Female	19	9	4	0	32

Table-9

Expected Frequency on the use of library resources for the study purpose by the male and female students of private school

Expected frequency calculated by the Excel using the following formula = **(Row total*Column total)/ Grand total of cells**

Use of e-resources/gender	0 to 2 hours	2 to 3 hours	< 3 hours	Don't use
Male	33.6	10.2	2.4	0
Female	22.4	6.8	1.6	0

Table 10

Shows chi square statistics:

Chi square statistics by the Excel using the following formula:

Sum of = (Actual value-Expected value)² / Expected value

Use of e-resources/gender	0 to 2 hours	2 to 3 hours	< 3 hours	Don't use
Male	0.344047619	0.474509804	0.15	0
Female	0.516071429	0.711764706	3.6	0

Pearson Chi-square value- 5.796

Degree of freedom- 3

Chi table value at X² 0.05 level- 7.814

Table-11

Observed Frequency on the utilization of e-resources for the study purpose of male and female students of government school

Use of e-resources/gender	0 to 2 hours	2 to 3 hours	< 3 hours	Don't use	Total
Male	31	7	2	15	55
Female	32	4	2	7	45

Table-12

Expected Frequency on the use of e-resources for the study purpose of male and female students of Government school

Expected frequency calculated by the Excel using the following formula = **(Row total*Column total)/ Grand total of cells**

Use of e-resources/gender	0 to 2 hours	2 to 3 hours	< 3 hours	Don't use
Male	34.65	6.05	24.2	12.1
Female	28.35	4.95	19.8	9.9

Table-13

shows chi square statistics:

Chi square statistics by the Excel using the following formula: **Sum of = (Actual value-Expected value)² / Expected value**

Use of e-resources/gender	0 to 2 hours	2 to 3 hours	< 3 hours	Don't use
Male	0.384487734	0.149173554	20.36528926	0.69504
Female	0.469929453	0.182323232	16.0020202	0.84949

Pearson Chi-square value- 39.097

Degree of freedom- 3

Chi table value at X^2 0.05 level- 7.814

Table-14

Viewing the overall value of chi-square, **df** and P-value of male and female students

Category	X ²	df	P-Value (0.05)	Remark
Frequency of access to library assets by private and government school students	41.669	4	9.488	Significant
Time/Hours spent on the access of library assets by private and government school students	21.772	3	7.814	Significant
Use of library resources by male and female students of private school	5.796	3	7.814	Significant
Use of library resources by male and female students of government school	39.097	3	7.814	Significant

Interpretation - It is explicable from the table that there's a major unsimilarity between non-public and government college students relating to use or access of library resources. Similarly, it's additionally disclosed that there's a major distinction between time/hours spent on the access of library resources by non-public and government schools students. Conversely, the table depicts that there exists a major inequality among male and feminine students on the frequency of access to library resources, in government and private schools.

Results and Discussion:

In this research, it has been found that 30% of government school has lacking of library facilities for students where as 100% private school provides library facility to its students. and a high percentage (45%) of government school has no librarian to support library and provide a successful library service, where as 95% private school has a librarian. It is found that the absence of librarian is in only 5% private school. From the study it is also found that 75% of private school has a good library environment and set up, 20% moderate and 5% poor respectively. whereas in 30% government school there is no library for students, only 35% of government school library has good library condition and 20% moderate and 15% poor condition. Conversely, a gender divide (dissimilarity) has been found in the frequency of access to library resources and time/hours spent on access to library resources.

Recommendation:

In the full fledge of use of library government has to play vital role. They have to set-up a library in each and every school and recruit library professional regularly in the school. School

management have to take care of this matter that library must be open regularly within school hours and a library class must be arranged for each class. Librarian has to be very much conscious about book selection and other materials which is necessary for students. Librarian and other library staff should make smooth relation with students.

Recommendation for further research:

1. Use of ICT tools in library among different private and government school.
2. Library collection development procedure
3. Library financing

Conclusion:

Libraries facilitate every student with right to use to important resources and learning matter for a sleek learning system. It plays a significant task during student's life. The library is therefore a leap within the advancement of the acquirement provided in school rooms. Without library education cannot exist alone and are indivisible. The library is a necessary part of the academic organization. **(Essay on My School Library for Students and Children)**. So government can be more aware about school library which help to make self development of students, which increase quality of education in school and finally it will make our nation more powerful.

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