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Title of Paper: Assessing the Role of Educational Infrastructure Facilities Provided by Government and Private Sector in Improving Quality of Education with Special Reference to Mahuadanr**,** Latehar, Jharkhand

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Abstract: Nelson Mandela, speaking on the value of education speak that education is the most important weapon that one could use to transform the world. Education indeed is the resolution for most the social, political and economic issues. It also has the capacity to transform human life. However, a good infrastructure plays very significant role in imparting quality education. Thus, availability of genuine educational framework at educational institutions not only helps in the effective teaching, research and learning process but it also contributes in upgrade the presentation of teachers and students. Infrastructure includes the physical and human resources available in the school that directly or indirectly help the all-round development of the students. The current study highlights the educational configuration facilities provided by Government, Semi-Government and Public schools in Mahuadanr. A Survey method was adopted for this study. Questionnaire for Assessment of Infrastructure Facilities was prepared to collect the data from the nine schools in Mahuadanr.

Keywords: Education, Infrastructure, Institution, Facility, Curricular, Development, Attendance, Drop Out, Smart classroom, teaching aids,

Introduction

The educational institutes both government and private make sincere efforts to improve their education systems not only by providing quality education but also with good infrastructure. The educational infrastructure facilities such as school building, ventilated and spacious classrooms, writing boards, computer labs, science labs, library with books from every area of study, modern technology and teaching aids, play grounds and sports facility, CCTV, etc., play an important role in holistic development of the students. The current research work keeping these objectives studies the educational infrastructure facilities provided by Government, Semi-Government and Public schools in Mahuadanr.

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Statement o fProblem

The school infrastructure and basic facilities and services plays a very prime role for both teachers and students in the educating -learning process, the present study analyses the infrastructural facilities provided by the government, semi-government and public schools in Mahuadanr.

Definitions

Infrastructure Facilities: Infrastructure facilities include such asschool buildings, ventilated and spacious classrooms, writing boards, computer labs, science labs, library with books from every area of study, modern technology and teaching aids, playgrounds and sports facility, CCTV, etc. to enable, sustain, or enhance quality education.

Objective of Study

1. To assess the role of educational framework and configuration provided by Government, Semi- Government and Public schools in improving quality of education with special reference to Mahuadanr.
2. To give some suggestions and improvement of educational infrastructure in the study area.

Database and Research Methodology

The researchers has been adopted the survey method to study the infrastructure facilities of nine schools only in Mahuadanr. The research work is an explorative type of research based on primary data collected by surveying method by administering questionnaire to school students and teachers through personal visit. So, survey method was selected for collection of data. 9 schools were selected by the Department of English for the survey method and the teachers and students of these schools responded to the questionnaire.

Tool used for the Study

The students of English Hons prepared Questionnaire for assessment and personally visited 2 Government Schools, 5 Semi-Government schools and 2 public schools of Mahuadanr to gather the information of educational infrastructure facilities.

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Delimitationsofthestudy

- Thestudyisconductedinhighschoolsand+2schoolsonly.
- TheareachosenforconductingthestudywasonlyatMahuadanr

Table1. 1:List of the schools selected for the study Government Schools:

1. ProjectHighSchool,Mahuadanr,Jharkhand
2. GovernmentS.T.ResidentialHighSchool,Mahuadanr,Jharkhand

Semi-GovernmentSchools:

3. St.Joseph'sHighSchool,Mahuadanr,Jharkhand
4. St.Joseph's+2School,Mahuadanr,Jharkhand
5. St.TeresaGirls'HighSchool, Mahuadanr,Jharkhand
6. St.TeresaGirls'+2School,Mahuadanr,Jharkhand
7. ProjectS.D.GirlsHighSchool

PublicSchools:

8. Xavier'sAcademy,Rampur,Mahuadanr,Jharkhand
9. RPSResidentialPublicSchool,Mahuadanr,Jharkhand

Table 1. 2:DetailsoftheResponsesoftheRespondents

	YES										NO									
	Govt. Schools		SemiGovt.School					Public School			Govt. School		Semi-Govt.School					Public School		
Sl.No.	1	2	3	4	5	6	7	8	9		1	2	3	4	5	6	7	8	9	
Q 1	9	9	10	8	6	12	7	8	0	**69**	0	0	0	0	0	0	2	2	8	**12**
Q 2	9	9	10	8	4	12	9	9	6	**76**	0	0	0	0	2	0	0	1	2	**5**
Q 3	9	9	10	8	6	12	0	10	8	**72**	0	0	0	0	0	0	9	0	0	**9**

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Q 4	8	0	10	8	6	12	9	10	0	**63**	1	9	0	0	0	0	0	0	8	**18**

Data Analysis and Findings of the Study

After the collection of data, for showing the results percentage method and various diagrams has been prepared with the help of MS Excel.

Responses and Findings Question No. 1. Does this school have a library facility?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	9	0
SEMIGOVERNMENTSCHOOLS			
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St.TeresaGirls'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	7	2

QuestionNo.2.Dochildrenhaveeasyaccesstotheusageofbooks such as dictionaries, reference books, current affairs, newspapers, magazines, etc.?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	9	0
SEMI – GOVERNMENTSCHOOLS			
3	St.Joseph'sHighSchool	10	0

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4	St.Joseph's+2School	8	0
5	St.TeresaGirls'HighSchool	4	2
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	9	0
PUBLICSCHOOLS			
8	Xavier'sAcademy	9	1
9	RPSResidentialPublicSchool	6	1

Most of the schools provide access to the books such as dictionaries, reference books, current affairs, newspapers, magazines, etc., however there is a semi – government school and both private schools lack some of them.

QuestionNo.3.DoesthisSchoolhaveaComputerLabforstudents?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	9	0
SEMI – GOVERNMENTSCHOOLS			
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St.TeresaGirls'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	0	9
PUBLICSCHOOLS			
8	Xavier'sAcademy	10	0

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9	RPSResidentialPublicSchool	8	0

QuestionNo.4.Doesthisschoolhavesciencelabsforexperiments?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	8	1
2	Govt.S.T.ResidentialHighSchool	0	9
	SEMI- GOVERNMENTSCHOOLS		
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St.TeresaGirls'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	9	0
	PUBLICSCHOOLS		
8	Xavier'sAcademy	10	0
9	RPSResidentialPublicSchool	0	8

QuestionNo.5.Doesthisschoolhave auspicious playground?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	0	9
2	Govt.S.T.ResidentialHighSchool	9	0
	SEMI-GOVERNMENTSCHOOLS		
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St.TeresaGirls 'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	9	0

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PUBLICSCHOOLS			
8	Xavier'sAcademy	10	0
9	RPSResidentialPublicSchool	0	8

Question No.6.Doesthisschoolhaveseparateclassroomsforstudentsofallclasseswith basic facilities such as blackboard, desks and benches, etc. for students?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	9	0
SEMI- GOVERNMENTSCHOOLS			
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St.TeresaGirls'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	9	0
PUBLICSCHOOLS			
8. Xavier's Academy		8	0
9 RPS Residential Public School		9	0

QuestionNo.7.DoesthisschoolhaveuninterruptedElectricitysupplyduringtheclass hours?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	9	0

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SEMI - GOVERNMENTSCHOOLS			
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	6	2
5	St.TeresaGirls 'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	0	9
PUBLICSCHOOLS			
8	Xavier'sAcademy	7	3
9	RPSResidentialPublicSchool	8	0

QuestionNo.8.DoesthisschoolhaveaDrinking Waterfacility?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	9	0
SEMI - GOVERNMENTSCHOOLS			
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St.Teresa Girls 'High School	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	9	0
PUBLICSCHOOLS			

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8	Xavier'sAcademy	10	0
9	RPSResidentialPublicSchool	8	0

QuestionNo.9.Doesthese schools havesportsfacilitiesforStudents?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	1	8
2	Govt.S.T.ResidentialHighSchool	9	0
SEMI-GOVERNMENTSCHOOLS			
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St.TeresaGirls'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	9	0
PUBLICSCHOOLS			
8. Xavier's Academy		8	0
10 RPS Residential Public School		9	0

QuestionNo.10.Doesthisschooluses Smartclass/Moderntechnologytoimpartquality education?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	0	9
SEMI - GOVERNMENTSCHOOLS			

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3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	7	1
5	St.TeresaGirls'HighSchool	4	2
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	0	9
PUBLICSCHOOLS			
8	Xavier'sAcademy	0	10
9	RPSResidentialPublicSchool	8	0

QuestionNo.11.Doesthisschoolhaveitsowncampus/infrastructure?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	9	0
SEMI- GOVERNMENTSCHOOLS			
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St.TeresaGirls'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	9	0
PUBLICSCHOOLS			
8	Xavier'sAcademy	10	0
9	RPSResidentialPublicSchool	0	8

QuestionNo.12.Doesthisschoolhaveseparatetoiletsforboysandgirls?

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	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	0	9
	SEMI- GOVERNMENTSCHOOLS		
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St. Teresa Girls'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	9	0
	PUBLICSCHOOLS		
8	Xavier'sAcademy	10	0
9	RPSResidentialPublicSchool	6	2

QuestionNo.13.Doesthisschoolhave a staffroomwithbasicfacilities?

	GOVERNMENTSCHOOLS	YES	NO
1	ProjectHighSchool	9	0
2	Govt.S.T.ResidentialHighSchool	9	0
	SEMI- GOVERNMENTSCHOOLS		
3	St.Joseph'sHighSchool	10	0
4	St.Joseph's+2School	8	0
5	St.TeresaGirls'HighSchool	6	0
6	St.TeresaGirls'+2School	12	0
7	ProjectS.D.GirlsHighSchool	9	0
	PUBLICSCHOOLS		

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8	Xavier's Academy	10	0
9	RPS Residential Public School	8	0

QuestionNo. 14. Does this school have multi-purpose hall forgatherings/celebrations/fests?

	GOVERNMENTSCHOOLS	YES	NO
1	Project High School	0	9
2	Govt. S.T. Residential High School	9	0
SEMI-GOVERNMENTSCHOOLS			
3	St. Joseph'sHighSchool	1	9
4	St. Joseph's+2 School	0	8
5	St. Teresa Girls'HighSchool	4	2
6	St.Teresa Girls'+2School	12	0
7	Project S.D.GirlsHighSchool	3	6
PUBLIC SCHOOLS			
8	Xavier's Academy	10	0
9	RPS Residential Public School	8	0

QuestionNo.15.DoesthisschoolhaveaninstallationofCCTVcamerasfor surveillance?

	GOVERNMENTSCHOOLS	YES	NO
1	Project High School	9	0
2	Govt. S.T. Residential High School	0	9
SEMIGOVERNMENTSCHOOLS			
3	St. Joseph's High School	10	0
4	St. Joseph's +2 School	8	0

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5	St. Teresa Girls High School	6	0
6	St.Teresa Girls'+2 School	12	0
7	Project S. D.Girls High School	0	9
PUBLIC SCHOOLS			
8	Xavier's Academy	10	0
9	RPS Residential Public School	8	0

Suggestions and Policy Implication:

The major suggestions and opt policies are-

1. Similar research work can be conducted at all the school in at different block in Latehar district of Jharkhand.
2. A similar types of research work can be conducted on a large sample for more comprehensive result and better generalization i.e. similar study can be conducted either in district level or state level.

Conclusion

Finding shows that most of the schools have admissible educational infrastructure facilities such as separate classrooms for students for all classes with smart class, Library with books, Computer and Science Labs, specious playgrounds and sports facilities, uninterrupted electricity, RO drinking water, own campus, separate toilets for boys and girls, separate staff room, multi-purpose hall, and CCTV cameras etc. However, it is observed that government and public schools need to improve their infrastructure facilities to improve quality of education.

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