

**PRESENT STATUS OF INFRASTRUCTURE  
FACILITIES IN PRIMARY SCHOOLS OF KOKRAJHAR DISTRICT, ASSAM**

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**Abstract**

Education is the main determinant of economic and social expansion and also household's livelihoods and food security status. Education helps not only in building up individual's personality, character and intelligence but also his productive capacity and his ability to perform his share of work more efficiently. Primary education is the key for educational development in any area. It is therefore, important to know how the primary education is taking place in this regard. Further primary education is not developed in all the blocks of Kokrajhar district. Thus, the variation in the level of attainment in all blocks of Kokrajhar district should be removed as per as possible for a healthy social life. It is also very important to find out the development of infrastructural facilities in every blocks of the study area. The present study is very important in the present status infrastructure facilities of primary schools in the area because infrastructure facilities have provided useful and relevant elementary education for all children. The study tried to analyze the background of primary schools and the available infrastructure facilities in primary schools of the study area.

Keywords: Education, primary, school, infrastructure, social.

## **Introduction**

Education is the main determinant of economic and social expansion and also household's livelihoods and food security status. Education helps not only in building up individual's personality, character and intelligence but also his productive capacity and his ability to perform his share of work more efficiently. Education will develop a child to be a person, who is physically strong, mentally well equipped, emotionally balanced and write attitude towards life and work and will be a good citizen. In India nearly 90 percent of schools at elementary level are run by government. Most of the schools are situated in rural areas does not have sufficient facilities for quality education. It is because of poor infrastructural facilities such as shelter less school building, insufficient building and high ratio of pupil teacher, traditional method of teaching, absence of library facilities and high absent rate. Since the commencement by the government of India and states government, the Sarva Shiksha Abhiyan (SSA) has started to make planning of education development and district planning. It envisaged achieving goal of universal elementary education by 2010. A phenomenal growth in the Education system has made in India at elementary level under SSA. In the fact, infrastructural facilities that are needed to facilitate effective education development and learning in an educational institution includes the girl's toilet, library, boundary wall, computer playground, classrooms, offices and other buildings structure.

Primary education is the key for educational development in any area. It is therefore, important to know how the primary education is taking place in this regard. Further primary education is not developed in all the blocks of Kokrajhar district. Thus, the variation in the level of attainment in all blocks of Kokrajhar district should be removed as per as possible for a healthy social life. It is also very important to find out the development of infrastructural facilities in every blocks of the study area

## **Objectives**

1. To study the background of primary schools in Kokrajhar District.
2. To analyze the available infrastructure facilities in primary schools of the study area.

## **Data Base and Methodology**

The present study is based on the collection of secondary data. The secondary source of data has been collected from UDISE.IN, journals, District Statistical Handbook, websites, articles, etc. Then, the study map extracted from georeferenced image of Assam map using Arc

GIS10.2. After collecting all the information, data are analyzed, tabulated and diagrams are represented based on calculations of secondary data.

### Primary Education in Kokrajhar district

The present study describes the status of infrastructure facilities in Kokrajhar district with regards to different aspect. This is done on the basis of secondary data obtained from the selected schools from four blocks i.e Kokrajhar, Gossaigaon, Kachugaon and Dotma Blocks of Kokrajhar district.

### Distribution of Primary Schools

The distribution of schools in all the blocks is distributed unequally. As a whole, the total school of Kokrajhar district is about 1321 schools. In block wise, Kokrajhar and Kachugaon blocks have highest number of schools as compared to other two blocks. The numbers of schools in these two blocks are about 407 and 402 schools.

Table: Block wise number of schools in Kokrajhar District, 2014-15

Sl. No.	Name of Blocks	No. of School
1	Dotma	271
2	Gossaigaon	241
3	Kachugaon	402
4	Kokrajhar	407
Total		1321

Source: Department of Elementary Education, Kokrajhar District, 2014-15.

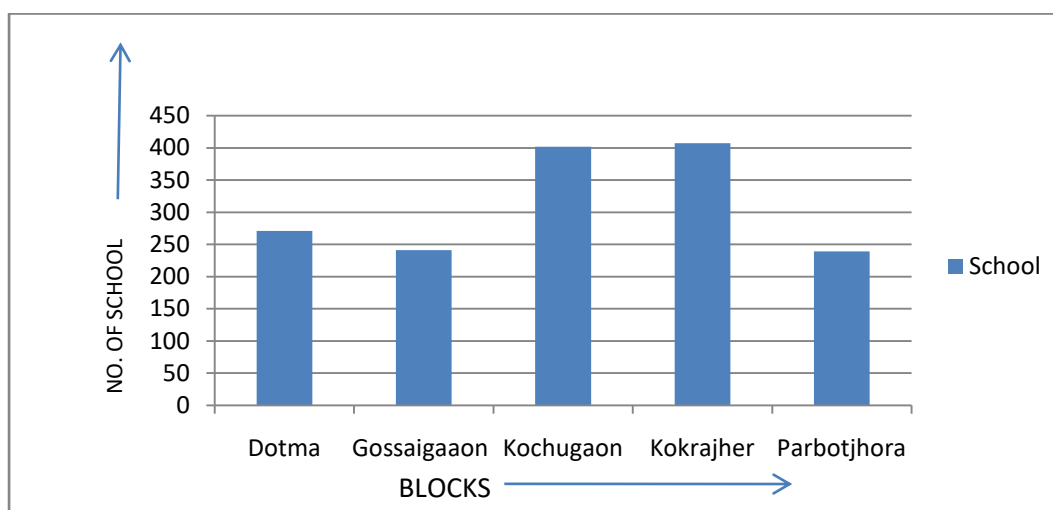


Fig.: Block wise number of schools in Kokrajhar District, 2014-15.

### Student Enrollment

The enrolments of school were studied for the year of 2015-16. The total enrolment in Kokrajhar District is 69,754. The enrolment of Assamese medium is higher in all the blocks of Kokrajhar District than that of the other mediums of enrolment. Both Hindi and Bengali Medium students enrolment is very low. In Kachugaon block, Bengali medium enrolment is nil and the Hindi medium student is also very low, where only 23 numbers of students is there. Kokrajhar and Kochugaon clocks have the highest number of enrolments, which are 21,146 and 20,210 students

Table: Block wise enrolment of primary education in Kokrajhar District, 2014-15.

Sl.No.	Name of Block	Enrolment				Total
		Assamese	Bengali	Hindi	Bodo	
1	Dotma	8486	160	68	3938	12652
2	Gossaigaon	13824	597	316	1009	15746
3	Kachugaon	15466	0	23	4721	20210
4	Kokrajhar	14634	813	268	5431	21146
Total						69,754

Source: Department of Elementary Education, Kokrajhar District, 2014-15

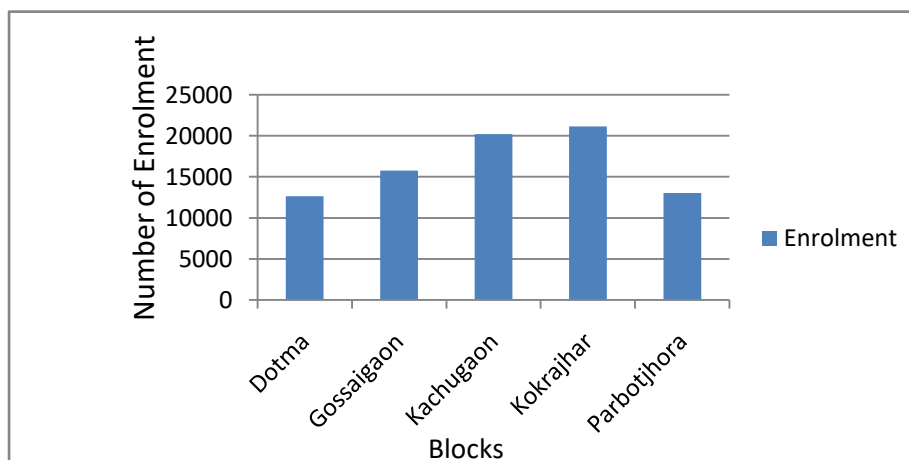


Figure: Block wise enrolment in Kokrajhar District, 2014-15

### Availability of infrastructure

The present study described of infrastructure facilities of primary education in Kokrajhar district with regard to different aspects. From the data we will discuss the following heads-

#### Boundary Wall

The schools should have boundary wall but many of the schools of the study area are found without any boundary wall. Many schools of the study area does not have boundary walls, only 243 schools have boundary walls of the total.

Table: Block wise school having boundary wall of Kokrajhar District 2016-17

Block Name		School having boundary wall
		Primary only
1	Dotma	43
2	Gosaigaon	64
3	Kachugaon	29
4	Kokrajhar	107
All Blocks		243

Source- UDISE.in

#### Playground

The situation regarding availability of playground in the school is far from satisfactory. It is cleared that only 1,117 numbers of government primary schools have playground. Thus, lack of playground engagement of Children in different physical activities making schooling unattractive. Playground is very important for all schools in primary students in schooling.

Table: Block wise schools having playground of Kokrajhar Dist. 2016-17

Block Name		School having Playground
		Primary only
1	Dotma	200
2	Gossaigaon	363
3	Kachugaon	295

4	Kokrajhar	319
	All Blocks	1177

Source: UDISE.in

### Electricity Facility

Electricity facility is one of the important initiatives that require collective decision of at least two departments such as electricity and school department in the state. It has been found that despite having electricity in the village many schools are still devoid of electricity facility. Out of 1,321 primary schools, only 165 schools have electricity facilities in Kokrajhar District in the.

Table: Block-wise schools having playground of Kokrajhar Dist. 2016-17

Block Name		Schools having electricity facility
		Primary only
1		24
2	Gossaigaon	34
3	Kachugaon	41
4	Kokrajhar	66
	Total	165

Source: UDISE.in

### Mid-day Meal

Around 90 percent of schools have reported regular supply of mid-day meal material. However, it varied among block wise as the percentage of school getting regular supply of MDM materials. While MDM was cooked in about 90% of schools, whereas in other schools, MDM was cooked and supplied by NGOs or prepared in cook's house.

Table: Block-wise schools having mid-day meal in Kokrajhar district 2016-17

Block Name		Schools having Mid-Day Meal
		Primary Only
1		260
2	Gossaigaon	400
3	Kachugaon	252

4	Kokrajhar	345
	Total	1,257

Source- UDISE.in

### Communication facilities

Accessibility of schools can be measured by examining whether the schools are approachable by all-weather roads or not. It has been found that almost 90% primary schools are approachable by all-weather roads. There are at least around 13% primary schools are yet to be connected by such roads.

Table: Block wise schools having all weather in Kokrajhar district 2016-17

Block Name	School having all weather roads
	Primary Only
Dotma	250
Gossaigaon	390
Kachugaon	280
Kokrajhar	360
Total	1,230

Source: UDISE.in

### CAL Facility

It is noticeable that having computers the percentage share of schools with CAL facility is very low at different levels including secondary and higher secondary levels and except primary.

Table: Block-wise schools having CAL lab in Kokrajhar District, 2016-17

Block Name		Schools having CAL Lab
		Primary Only
1	Dotma	0
2	Gossaigaon	1
3	Kachugaon	1
4	Kokrajhar	0
	Total	2

Source- UDISE.in

### Water facility

It is known to all that the essential faculty like water need to be made available in the school for making school environment hygienic and clean from the data it has been found that some of the schools does not have drinking water facilities. The total 723 numbers of schools have drinking water facilities.

Table: Block wise schools having all weather road in Kokrajhar district 2016-17

Block name		Schools having water facility
		Primary only
1	Dotma	156
2	Gossaigaon	290
3	Kachugaon	243
4	Kokrajhar	34
	Total	723

Source: UDISE.in

### Library

Library is one of the most important parts of pertaining education it is very much essential to exist a library in any school. Library does not exist itself rather it operates as part of the school to fulfill the goals set forward by an education.

Table: Block wise schools having library facility in Kokrajhar District. 2016-17

Block Name		Schools having library facility
		Primary only
1	Dotma	96
2	Gossaigaon	159
3	Kachugaon	129
4	Kokrajhar	133
	Total	517

Source: UDISE.in

### Toilet facility

Provisioning for girls m toilet facility has been found better as compared to boys toilet facility at every level.

Table: Block wise school having toilet facilities of Kokrajhar district, 2016-17

	Schools having girls toilet	Schools having boys toilet



Block Name		Primary only	
1	Dotma	267	266
2	Gossaigaon	480	473
3	Kachugaon	349	347
4	Kokrajhar	406	405
Total		1502	1491

Source: UDISE.in

### Findings and conclusion

- i) Almost all the primary schools in Kokrajhar block have good electricity facility. Lowest electricity facilities has found in Dotoma Block.
- ii) Gossaigaon Block has good facilities of toilet for both boys and girls and Dotoma has lowest toilet facilities.
- iii) Among all blocks Gossaigaon has good water facility and Dotoma has low water facility.
- iv) Among the entire block wise distribution Kachugaon has the highest number of student enrollment (2,247) in 29 schools and kokrajhar has lowest number of student enrollment (1,403) in 40 schools.
- v) Compare to all the blocks almost all the schools of Kokrajhar block has boundary wall facility and Kachugaon has low boundary facility.
- vi) Most of the school of the Gossaigaon block has playground facility compare to other and Dotoma has lowest playground facility.
- vii) Communication facilities have been found that almost 90% primary schools are approachable by all whether road, there are atleast around 13% primary and elementary government school are yet to be connected by such roads.
- viii) Some schools of all the blocks of Kokrajhar district have library facility.
- ix) Around 90% of school has reported regular supply of mid-day meal material.

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