

**ACADEMIC ACHIEVEMENT OF CLASS IX STUDENTS OF TOWN BALIKA  
CLUSTER OF EAST BLOCK, GOLAGHAT DISTRICT, ASSAM: A  
COMPARATIVE ANALYSIS OF GOVERNMENT AND PRIVATE SECONDARY  
SCHOOLS**

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***Abstract:** Academic achievement is the outcomes of student's intellectual ability and performance. This outcome helps the students to progress in their academic level. It refers to the outcome of education the extent to which a student, teacher or institution has achieved their educational goals. Academic achievement differs from student to student or one institution from another. It can be usually measured by examinations or continuous assessment and expressed in terms of marks, divisions, percentage, grades etc. In this study, the researcher attempted to compare the academic achievement of class ix students of Town Balika Cluster of East block, Golaghat district, Assam with respect to their management of schools and gender. The study examined that there is no significant difference in the academic achievement of class ix students of Town Balika Cluster of East block, Golaghat district, Assam with respect to their management of school and gender.*

***Keywords:** Achievement, Academic achievement, Secondary school, Management and Gender.*

### **1.0 INTRODUCTION:**

Education is indispensable in human life. Education provides the basic skills and knowledge to know and take part in the day to day life activities. It makes an individual cultured, refined, and educated and also push the individuals to defeat the challenges in their life. The significant aim of education is the all-round development of the child. Education is the process of bringing out the potentialities of individuals. It proceeds from birth to death and school greater influence in educating the child and promoting his/her academic achievement.

Academic Achievement is a general term used by common peoples. It involves the extent to which a student, institution or teacher has attained their educational goals. It empowers to

move forward in their scholastic life and helps to achieve the right profession. The assessment of academic achievement has been fundamentally confined to the evaluation in terms of information, knowledge and understanding but there is no general agreement on how it is best tested or which aspects are most important procedural knowledge such as skills or declarative knowledge such as facts.

## **2.0 SIGNIFICANCE OF THE PRESENT STUDY:**

Academic achievement is the extent to which student, teacher or institution has accomplished their short or long term educational goals. Academic achievement is usually evaluated through continuous assessment. It plays a dynamic role in a student's life. Today's status of living, health, wealth, job, etc is dependent on upon our academic achievement. Nowadays, the world is becoming highly competitive. Excellence performance has become the key factor for personal progress.

The government schools are directly administered by the state/union territory. Government schools are entirely owned by the government. All the permanent staffs including the teachers are government employees and are regulated by the rules and conditions applicable to state or central government employees. All the infrastructural facilities and financial responsibilities have been taken by the government and the private schools are controlled and administered by a private body and funded partially or wholly by student's tuition. But they follow the same curriculum as decided by the government.

After going through an extensive review of related literature researcher found that academic achievement differs from student to student or one institution from another. It is also revealed that private school performance is better than government schools. Private school management systems, teaching-learning processes, evaluation procedure are better than government schools. But there is no a single study which is directly related to present study in Golaghat district, Assam.

Moreover, the findings of the present study will also help in the following ways:

- a. It helps to know about the academic achievement of class ix students of Government and Private Secondary school of Town Balika Cluster of East Block, Golaghat district, Assam.

- b. It helps to know the academic achievement of class ix students of Government and Private schools of Town Balika Cluster of East Block, Golaghat district, Assam in respect to their gender ( male and female)

### **3.0 RESEARCH QUESTIONS:**

- i. Is there any important difference in the academic achievement of class ix students of Town Balika Cluster of East Block Golaghat district, Assam in respect to their management of schools (Government and Private)?
- ii. Is there any important difference in the academic achievement of class ix students of Town Balika Cluster of East Block Golaghat district, Assam in respect to their gender (male and female)?

### **4.0 MAJOR OBJECTIVES:**

The major objectives are as follows:

- i. To compare the academic achievement of class ix students of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their management of schools (Government and Private).
- ii. To compare the academic achievement of class ix students of Government Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their gender (male and female).
- iii. To compare the academic achievement of class ix students of Private Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their gender (male and female).

So, the researcher felt urgent to conduct a comparative study on academic achievement of Government and private secondary schools students in Golaghat district, Assam.

### **5.0 HYPOTHESES:**

Based on above-cited objectives the following hypotheses were formulated for testing:

**H<sub>0</sub>:** There is no any significant difference in the academic achievement of class ix students of Town Balika Cluster of East Block, Golaghat district, Assam with respect to management of schools (Government and Private).

**H<sub>0</sub><sub>2</sub>:** There is no any significant difference in the academic achievement of class ix students of Government Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their gender (male and female).

**H<sub>0</sub><sub>3</sub>:** There is no any significant difference in the academic achievement of class ix students of Private Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their gender (male and female).

## **6.0 METHODOLOGY:**

Methodology is an essential part of the research. It is a systematic way to solve the problem. In other words, all those methods used by the researcher during a research study are termed as the research methodology. In the present study, methodology parts systematically divided into the following heads-

### **6.1 METHOD OF THE PRESENT STUDY:**

Method is a science of studying how research is done scientifically. The method is the means to systematically solve the research problem by rationally adopts various steps. In the present study, based on the nature of the study the researcher used descriptive survey method.

### **6.2 POPULATION OF THE PRESENT STUDY:**

The population of present study refers to the all the Government and Private Secondary schools of Town Balika cluster of East Block of Golaghat district. There were total three (3) Government Secondary school and seven (7) Private Secondary school under the Town Balika Cluster of East Block of Golaghat district during the field visit. In the second phase, all the students studying in class ix are also consider as the population of the present study.

### **6.3 SAMPLE AND SAMPLING TECHNIQUE OF THE PRESENT STUDY:**

In the present study the researcher selected two (2) Government and two (2) from private Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam by using purposive sampling technique and then observed the result sheet of two forty-nine (249) class ix students of selected schools of academic session 2017-18.

**Table No. 1**  
**Sample Distribution of the present study**

Sl No.	Name of the Institutions	Type of Management	Number of students result observed
1	Kushal Konwar Balya Bhawan	Govt.	67
2	Town Hindi High School	Govt.	55
3	Sacred Heart High School	Pvt.	94
4	Mahatma Balya Bhawan	Pvt.	33
<b>Total</b>			249

#### **6.4 TOOLS USED IN PRESENT STUDY:**

In the present study, researcher observed the result sheet of class ix students of Government and Private Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam of the academic session 2017-2018.

#### **6.5 STATISTIC TECHNIQUES THE PRESENT STUDY:**

In the present study based on objectives the following statistical techniques were used for the analysis and interpretation of data:

SL NO.	OBJECTIVES Table No: 2	STATISTICAL TECHNIQUES USED
1	To compare the academic achievement of class ix students of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their management of schools (Government and Private)	Mean, Standard deviation, t test
2	To compare the academic achievement of class ix students of Government Secondary school of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their gender (male and female).	Mean, Standard deviation, t test
3	To compare the academic achievement of class ix students of Private Secondary school of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their gender (male and female).	Mean, Standard deviation, t test

## 7.0 ANALYSIS AND INTERPRETATION OF DATA

Analysis and interpretation of data is considered as the heart of the research work. It is the process of systematically applying statistical and logical techniques to describe and illustrate, review and evaluate data. In the present study result findings are arrange in objective-wise as below:

### 7.1 COMPARISON OF THE ACADEMIC ACHIEVEMENT OF CLASS IX STUDENTS OF PRIVATE AND GOVERNMENT SECONDARY SCHOOLS:

**Objective:** *To compare the academic achievement of class ix students of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their management of schools (Private and Government)*

**Ho<sub>1</sub>:** There is no any significant difference in the academic achievement of class ix students of Town Balika Cluster of East Block, Golaghat district, Assam with respect to school management (Private and Government)

**Table No. 3**

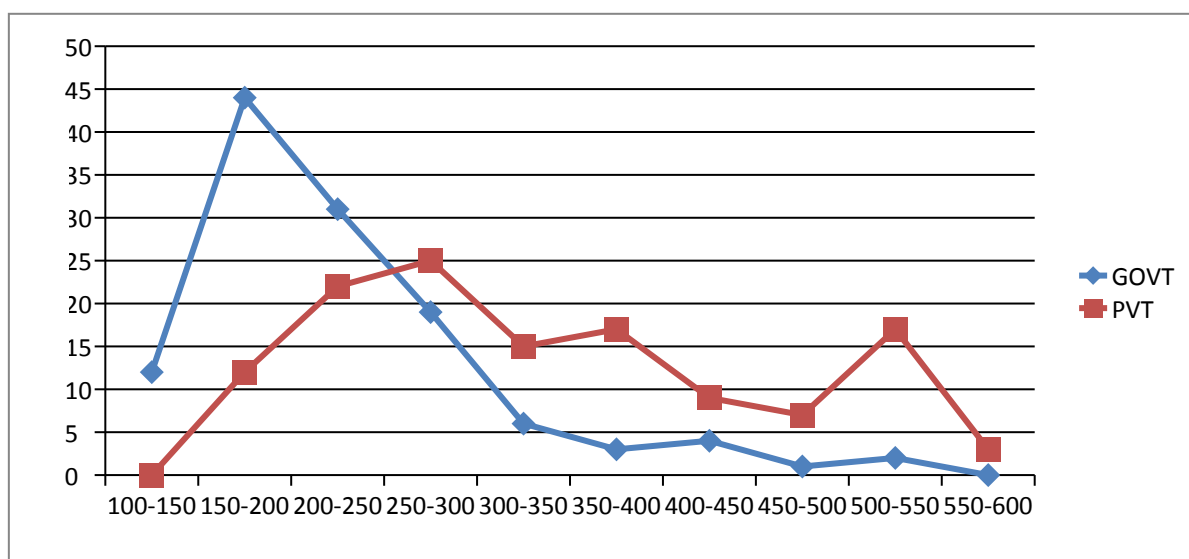
#### **Comparison of Academic Achievement of Class ix Students of Private and Government Secondary Schools**

Type of Management	N	Mean	Standard Deviation	t value	df	Level of significance
Government	122	223.80	80.87	-11.49	247	0.05
Private	127	338.59	114.77			

Table no. 3, displays that the mean scores of academic achievement of Government Secondary school students is 223.80 and SD 80.87. In the case of private Secondary school students the mean score of academic achievement is 338.59 and SD 114.77. The statistically calculated t value is -11.49 which is less than the CR value (1.97 at 0.05 levels). Thus the null hypothesis is accepted at 0.05 level of significance and it

can be established that there is no any significant difference in academic achievement of class ix students of Government and Private Secondary school.

Figure no. 1 indicates the frequency curve of comparison of the mean score of academic achievement of class ix students of Government and Private Secondary schools of Town Balika Cluster, East Block, Golaghat district, Assam. It shows that one hundred and six (106) students' of Government schools, academic achievement scores fall under the range between 100-300, six (6) students' academic achievement scores fall under the range between 301-350 and rest ten (10) students' academic achievement score fall under the range between 351-550. In the case of private Secondary schools, fifty-nine (59) students academic scores fall under the range between 100-300, fifteen (15) students' academic achievement scores fall under the range between 301-350 and rest fifty-three (53) students academic achievement scores fall under 351-600.



**Figure No. 1: Comparison of Academic Achievement of Class ix Students of Government and Private Secondary Schools**

## 7.2 COMPARISON OF ACADEMIC ACHIEVEMENT OF FEMALE AND MALE CLASS IX STUDENTS OF GOVERNMENT SECONDARY SCHOOLS:

**Objective:** To compare the academic achievement of class ix students of Government Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their gender (female and male).



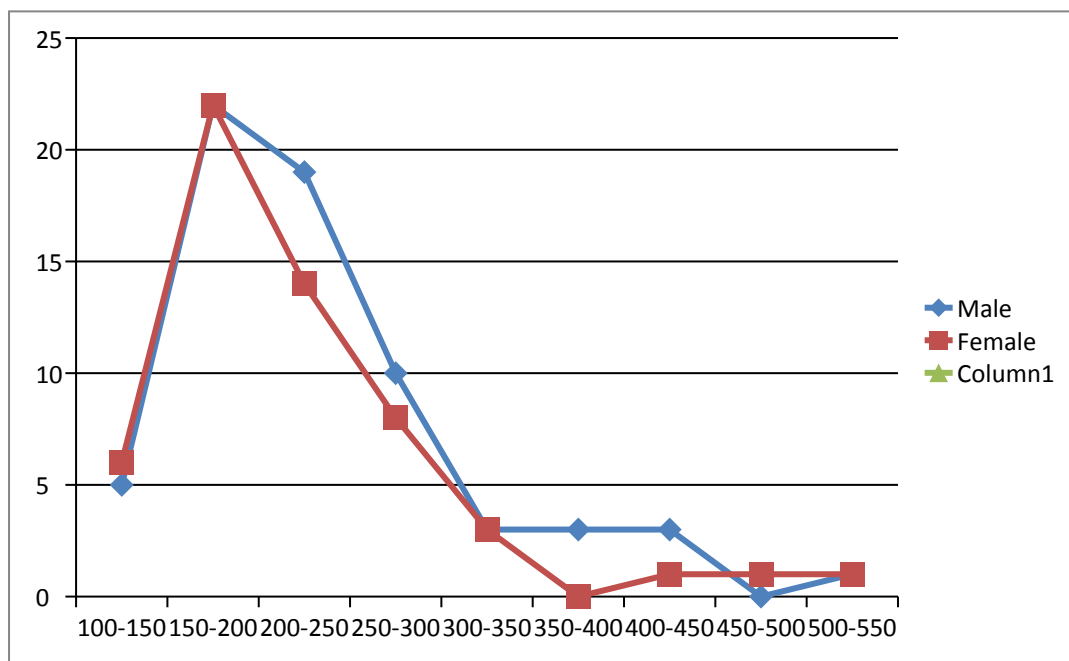
**H<sub>0</sub>**: There is no significant difference in academic achievement of class ix students of Government Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their gender (female and male)

**Table No. 4**

**Comparison of Academic Achievement of Female and Male Class ix Students of Government Secondary Schools**

Category	N	Mean	Standard deviation	t value	df	Level of significance
Male	66	229.22	82.87	0.84	120	0.05
Female	56	217.41	78.71			

Table no 4 shows that the mean score of academic achievement of female and male class ix students of Government Secondary school is 229.22 and 217.41 respectively and their standard deviation are 82.87 and 78.71. The statistically calculated t value is 0.84 which is less then the CR value (1.98 at 0.05 level). Thus the null hypothesis is accepted at 0.05 level of significance and it can be determined that there is no any significant difference in academic achievement of class ix students with respect to their gender (male and female)



**Figure No 2: Comparison of Academic Achievement of Female and Male Class ix Students of Government Secondary Schools**

Figure No 2 indicates the frequency curve of comparison of mean score of academic achievement of female and male class ix students of Government Secondary schools of Town Balika Cluster, East Block, Golaghat district, Assam. It shows fifty-six (56) male class ix students' of Government schools, academic achievement scores fall under the range between 100-300, three (3) students' academic achievement scores fall under the range between 301-350 and rest seven (7), students' academic achievement scores fall under the range between 351-550. On the other hand, fifty (50) female class ix students' academic achievement scores fall under the range between 100-300, three (3) students' academic achievement scores fall under the range between 301-350 and rest three (3) students academic achievement scores fall under 351-550.

**7.3 COMPARISON OF ACADEMIC ACHIEVEMENT OF CLASS IX STUDENTS OF PRIVATE SECONDARY SCHOOLS OF TOWN BALIKA CLUSTER OF EAST BLOCK, GOLAGHAT DISTRICT, ASSAM IN RESPECT TO THEIR GENDER (FEMALE AND MALE):**

*Objective : To compare the academic achievement of class ix students of Private Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam with respect to their gender (male and female).*

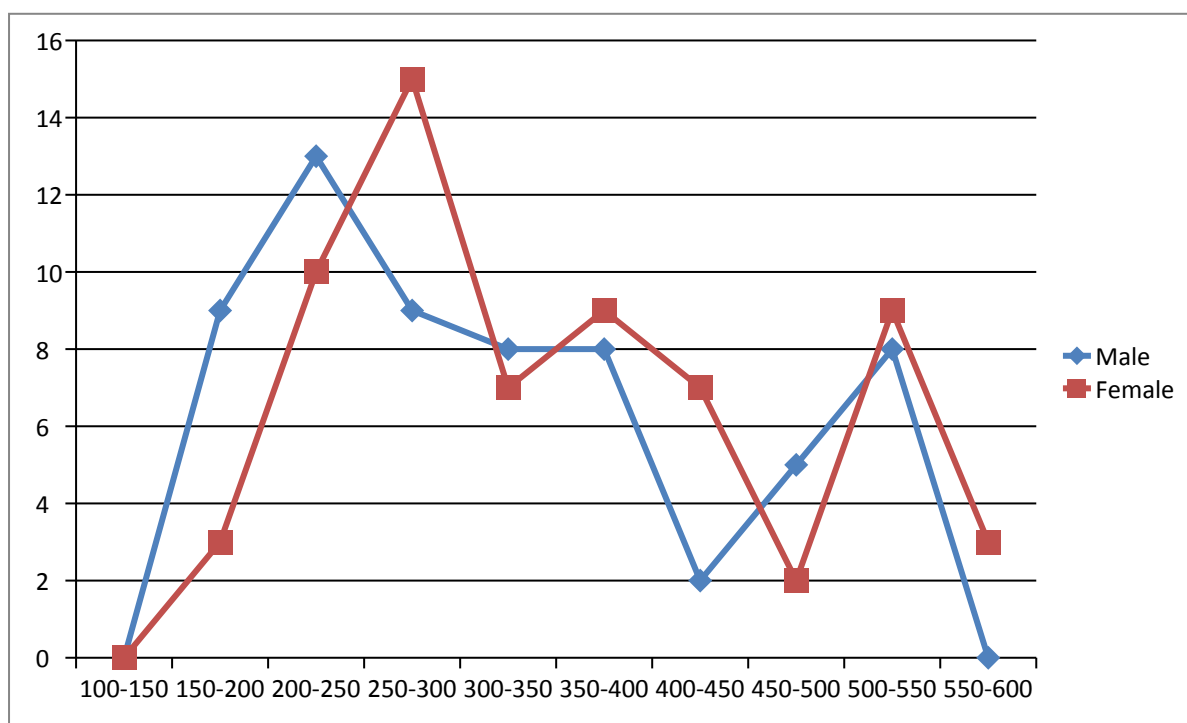
**H<sub>0</sub>**: There is no any significant difference in the academic achievement of class ix students of Private Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam in respect to their gender (male and female).

**Table No. 5**

**Comparison of Academic Achievement of Female and Male Class ix Students of Private Secondary School**

Category	N	Mean	Standard deviation	t value	df	Level of significance
Male	62	323.75	115.60	-1.42	125	0.05
Female	65	352.73	113.05			

Table no 5, displays that the mean score of academic achievement of male and female students of class ix of Private Secondary schools are 323.75 and 352.73 respectively and their standard deviation are 115.60 and 113.05. The statistically calculated t value is -1.42 which is less than the CR value (1.98 at 0.05 level). Thus the null hypothesis is accepted at 0.05 level of significant and it can be established that there is no any significant difference in academic achievement of male and female students of class ix.



**Figure No 3: Comparison of Academic Achievement of Male and Female of Class ix Students of Private Secondary School**

Figure No 3 indicates the frequency curve of comparison of the mean score of academic achievement of female and male class ix students of Private Secondary schools of Town Balika Cluster, East Block, Golaghat district, Assam. It shows that thirty-one (31) male class ix students' academic achievement scores fall under the range between 100-300, eight (8) students' academic achievement scores falls under the range between 301-350 and rest twenty-three (23) students' academic achievement score fall under the range between 351-550. On the other hand, twenty-eight (28) female class ix students' academic achievement scores fall under the range between 100-300, seven (7), students' academic achievement

scores fall under the range between 301-350 and rest thirty (30) students academic achievement scores fall under 351-600.

#### **7.4 CATEGORIES OF ACADEMIC ACHIEVEMENT OF CLASS IX STUDENTS OF GOVERNMENT SECONDARY SCHOOLS OF TOWN BALIKA CLUSTER OF EAST BLOCK, GOLAGHAT DISTRICT, ASSAM:**

The researcher classified academic achievement of the class ix students of Town Balika Cluster of East Block, Golaghat district, Assam based on total marks obtained by students.

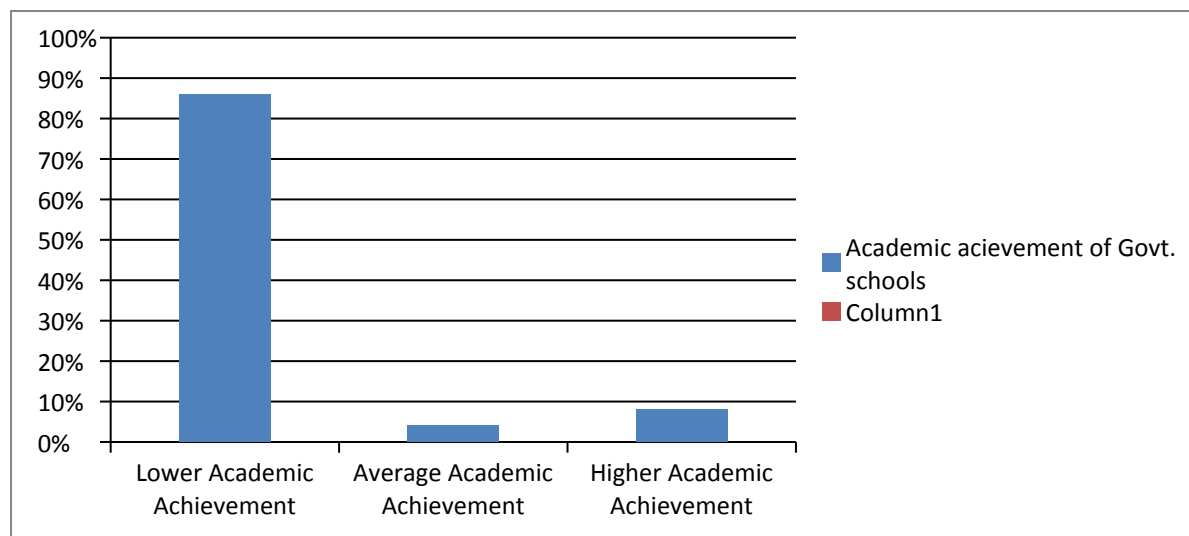
**Table No. 6**

#### **Categories of Academic Achievement of Class ix Students of Government Secondary Schools of Town Balika Cluster of East Block, Golaghat, Assam**

<b>Categories of Academic Achievement</b>	<b>Scores Range</b>	<b>No of students</b>	<b>Percentage</b>
Higher Academic Achievement	Above 351	10	8%
Average Academic Achievement	301-350	6	4%
Lower Academic Achievement	Below 300	106	86%

**Figure No 4: Categories of Academic Achievement of Class ix Students of Government Secondary Schools of Town Balika Cluster of East Block, Golaghat district, Assam:**

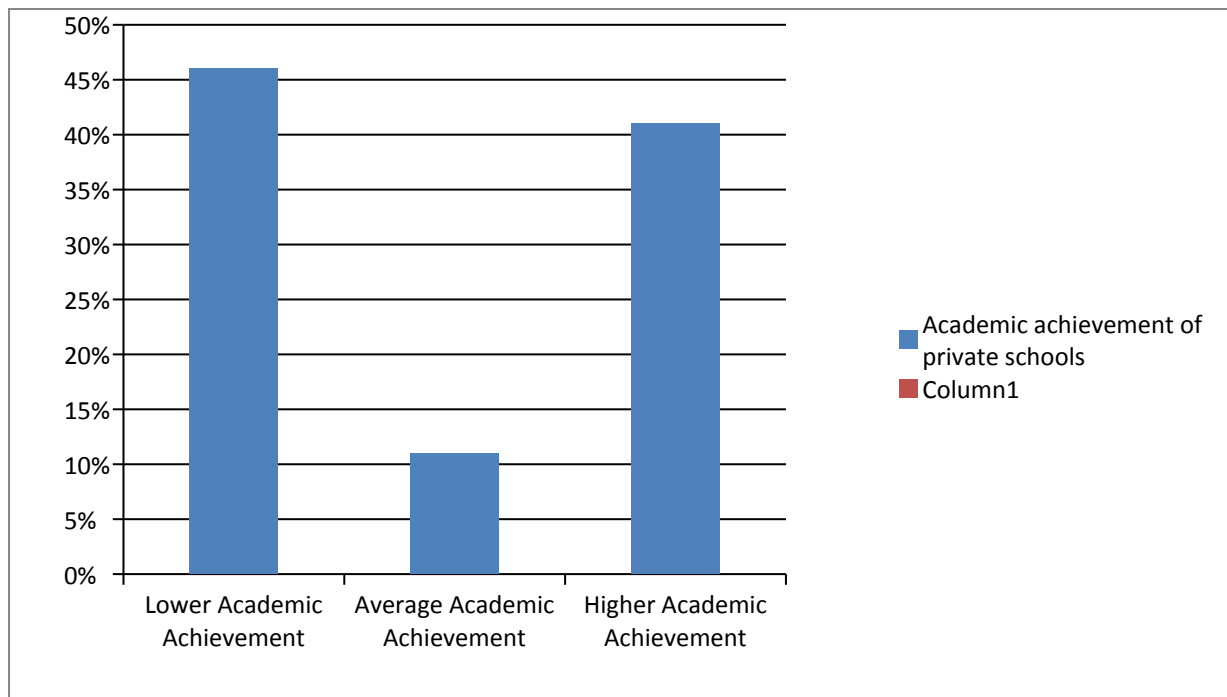
From figure 4 it is clear that ten (10) students' scores of the Government Secondary school fall under the higher academic achievement, six (6) students' scores fall under the average academic achievement and rest one hundred six (106) students' scores fall under the lower academic achievement.



**Table No. 7**

**Categories of Academic Achievement of Class ix Students of Private Secondary schools of Town Balika Cluster of East Block, Golaghat district, Assam**

<b>Categories of Academic Achievement</b>	<b>Scores Range</b>	<b>No of students</b>	<b>Percentage</b>
Higher Academic Achievement	Above 351	53	41%
Average Academic Achievement	301-350	15	11%
Lower Academic Achievement	Below 300	59	46%



**Figure No 5: Categories of Academic Achievement of Class ix Students of Private Secondary Schools of Town Balika Cluster of East Block, Golaghat district, Assam**

Figure 5 shows that fifty-three (53) class ix students of the private secondary school scores fall under the higher academic achievement range, fifteen (15) students' fall under the average academic achievement and rest fifty-nine (59) students' fall under the lower academic achievement.

### 8.0 EDUCATIONAL IMPLICATIOIS:

Following are the educational implications:

- It helps teacher and guidance employees must be stimulated the students for the improvement of academic achievement.
- Parents must generate a proper home environment so as to facilitate to learn their children well.
- Teacher must develop the teaching-learning processes for better academic achievement of the students.
- The school must grant specific guidance to the students so that they can achieve their goals.

### 9.0 SUGGESTIONS FOE FURTHER STUDIES:

The following are some suggestions on of which further research studies may be conducted-

- a. There are no available investigations in Assam in similar nature. So, there is a wide scope for further studies in this area.
- b. The present study restricted to academic achievement of class ix students of Golaghat district only. Similar studies may be extended other districts also.
- c. The present study limited with four (4) sample schools only. Similar studies can be planned on a larger sample.
- d. Similar research studies should be carried out among students of college and university level.
- e. The present study restricted to government and private Secondary school students only. Comparative studies can be extended among government, private, provincialised and non provincialised secondary school students in different level i.e. Pre-primary, Secondary, College and University level.
- f. A comparative study of Private University and Government University in relation to their academic achievement can be carried out.

## **10.0 CONCLUSION:**

The present study attempted to compare of academic achievement of class ix students of Town Balika Cluster of East Block, Golaghat district, Assam in respect to their management of schools and gender. The present study shown that there is no significant difference in academic achievement of class ix students in respect to their management of schools. It is also found that, there is no significant difference in the academic achievement of both of government and private secondary schools in respect to their gender. Total ten (10) students of the government secondary school scores fall under the higher academic achievement, six (6) students' scores fall under the average academic achievement and rest one hundred six (106) student' scores fall under the lower academic achievement. In case of private schools, fifty-three (53) students' scores fall under the higher academic achievement, fifteen (15) students scores fall under the average academic achievement and rest fifty-nine (59) students' scores fall under the lower academic achievement.

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