



A STUDY ON FACILITIES AVAILABLE IN SCHOOLS OF TRIPURA

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ABSTRACT

It is a widely known fact that availability of infrastructural facilities in school has significant impact on school environment. The teaching-learning environment of a school depends upon the availability of necessary facilities to run the system properly. The National Education Policy 1986 advised the authorities in the area of school education in India to provide adequate physical facilities as per the needs of the schools. Further, Right to Education Act, 2009 has recommended to make every schools of the country properly equipped with all infrastructural facilities. During last three decades, the Government of India and all other State Governments attempted their best to improve the school environment by providing different facilities required for the teaching-learning process. Major emphasis on improvement of infrastructural facilities in schools has also given by the Government of Tripura. However, the situation is not satisfactory till today.

INTRODUCTION

Provision of schooling facilities to all children is a constitutional commitment in our country. This commitment also demands the availability of infrastructural facilities in each and every school. There has been substantial expansion of primary, upper primary, secondary and higher secondary schools in the state of Tripura. Growth in number of upper primary schools is influenced by the expansion of primary education and secondary and higher secondary schools by the expansion of upper primary education. But there is shortage in different types of facilities in a large number of schools. The Department of Education is taking various steps to improve the situation.

OBJECTIVES OF THE STUDY

The present study attempts to trace the facts and figure in the area of availability of different facilities in the state of Tripura. The study also attempts to analyse the problems with respect to arrangement of infrastructural facilities in schools and to suggest ways and means to reduce the problem.

METHOD

It is a descriptive type of study aiming at analysing the status of infrastructural facilities in schools and proposing suggestions to improve the situation. For this study, a systematic review of several data sources was carried out.

FINDINGS OF THE STUDY

In observing the situation of availability of different types of facility in schools of Tripura, the given table (Table 1) shows that during the year 1978 only 473 Primary Schools, 266 Upper Primary (S.B.) Schools, 167 Secondary (High) Schools and 65 Higher Secondary Schools have their pucca buildings. In the years 1998 and 2005, the number rose up to a much higher figure though the rise is not satisfactory. In the year 2016 there were 2188 Primary Schools (out of 2381 schools), 1203 Upper Primary Schools (out of 1268 schools), 578 Secondary Schools (out of 620 schools) and 388 Higher Secondary Schools (out of 417 schools) having their own pucca buildings in the state of Tripura.

TABLE – 1
(FACILITIES AVAILABLE IN SCHOOLS: 1972 to 2016)

FACILITIES AVAILABLE IN SCHOOLS						
Item	As on 1972	As on 1978	As on 1998	As on 2005	As on 2012	As on 2016
No of Schools having Pucca Building:						
i) J.B./ Primary	NA	473	712	1424	1746	2188
ii) S.B.	NA	266	350	961	1123	1203
iii) High	NA	167	300	406	501	578
iv) H.S.	NA	65	132	244	324	388
No of Schools having Drinking Water facilities:						
i) J.B./ Primary	NA	357	222	1028	1547	2196
ii) S.B.	NA	144	156	638	1005	1158
iii) High	NA	71	224	319	504	590
iv) H.S.	NA	47	129	232	337	408
No of Schools having Sanitation facilities:						
i) J.B./ Primary	NA	168	376	1174	1656	2160
ii) S.B.	NA	131	180	780	1171	1261
iii) High	NA	74	204	229	526	603
iv) H.S.	NA	48	124	202	349	406

Source: Tripura on Road to Progress 1972-2010, Department of Information and Cultural Affairs (ICA), Govt. of Tripura, 2012, Tripura Marching Ahead (1972 – 2012), Department of Information and Cultural Affairs (ICA), Govt. of Tripura, 2013, Achievements Made During 2001-2002 To 2011-2012, SSA Rajya Mission, Tripura, 2012, The Progress Made in Tripura since 1972 in Respect of Some Important Parameters, Secondary Education, Govt. of Tripura, 2016. We are Advancing Forward , Government of Tripura, 2017.

In respect to drinking water facility in the year 1998 there were 222 Primary Schools (out of 2063 schools), 156 Upper Primary Schools (out of 417 schools), 224 Secondary Schools (out of 384 schools) and 129 Higher Secondary Schools (out of 202 schools) running with the said facility. In the year 2016 the number of schools running with Drinking Water facility rose to 2196 Primary Schools (out of 2381

schools), 1158 Upper Primary Schools (out of 1268 schools), 590 Secondary Schools (out of 620 schools) and 408 Higher Secondary Schools (out of 417 schools).

Table 1 also shows that in the year 1978 the number of schools having Sanitation Facilities in the state of Tripura were 168 Primary Schools (out of 1828 schools), 131 Upper Primary Schools (out of 422 schools) and 122 Secondary (High) and Higher Secondary Schools (out of 140 High and Higher Secondary Schools). Number of different types of schools having Sanitation Facility in the year 2016 rose to 2160 Primary (J.B.) Schools (out of 2381 schools), 1261 Upper Primary (S.B.) Schools (out of 1268 schools), 603 Secondary (High) Schools (out of 620 schools) and 406 Higher Secondary Schools (out of 417 schools).

TABLE – 2
Infrastructural facilities in Primary Schools of Tripura (1978 to 2017)

INFRASTRUCTURAL FACILITIES IN PRIMARY SCHOOLS OF TRIPURA						
YEAR	Total School	Schools with Drinking Water	Schools with Urinal	Schools with Lavatory	Schools with Playground	Schools with Library
1978	1828	357	168	58	902	589
1986	1898	718	259	103	1463	NA
1993	2113	376	222	63	1445	371
2002	2080	882	399	220	1159	NA
2009	2120	1131	1378	322	1352	488
2017	2397	2043	2289	540	1765	873

SOURCE: Statistical Abstract 1981, Govt. of Tripura, Statistical Abstract 2010-11, Govt. of Tripura, Third All-India Educational Survey, Educational Facilities and Enrolment (School Education), NCERT, 1979, Fourth All-India Educational Survey, NCERT, 1982, Fifth All-India Educational Survey, Selected Statistics, NCERT., 1989, State Report of Sixth All India Educational Survey, Govt. of Tripura, 1999, Seventh All India School Education Survey, NCERT, 2005, Eighth All India School Education Survey – A Concise Report, NCERT, 2016, Some Basic Statistics of Tripura 2010, Govt. of Tripura, 2010, Some Basic Statistics of Tripura 2017, Govt. of Tripura, 2017, Economic Review of Tripura 2017-18.

Table 2 shows the facilities available in the Primary Schools of Tripura during the period 1978 to 2017. In the year 1978 there were 1828 Primary Schools in the state. Among these 1828 Primary Schools Drinking Water facilities were available in 357 schools, Urinal facilities were available in 168 schools, Lavatory facilities were available in 58 schools, Playground facilities were available in 902 schools and Library facilities were available in 589 schools. A significant rise in such type of facilities can be noticed in the year 2017. Among these 2397 Primary Schools 2043 schools were running with Drinking Water facilities, 2289 schools were running with Urinal facilities, 540 schools were running with Lavatory facilities, 1765 schools were running with Playground facilities and 873 schools were functioning with Library facilities.

Table 3 shows the infrastructural facilities available in Upper Primary (Middle) Schools of Tripura during the period 1978 to 2017. There were 431 Upper Primary (Middle) Schools in Tripura in the year 1993. Among these 431 schools Drinking Water facilities were available in 180 schools, Urinal facilities were available in 156 schools, Lavatory facilities were available in 53 schools, Playground facilities were available in 353 schools and Library facilities were available in 53 schools only. In the year 2017 among the 1246 Upper Primary (Middle) Schools 1032 schools were functioning with Drinking Water facilities, 1198 schools were functioning with Urinal facilities, 623 schools were running

with Lavatory facilities, 807 schools were running with Playground facilities and 734 schools were providing Library facilities to the students.

TABLE – 3
Infrastructural facilities in Upper Primary (Middle) Schools of Tripura (1978 to 2017)

INFRASTRUCTURAL FACILITIES IN UPPER PRIMARY SCHOOLS OF TRIPURA						
YEAR	Total School	Schools with Drinking Water	Schools with Urinal	Schools with Lavatory	Schools with Playground	Schools with Library
1978	422	144	131	NA	221	201
1986	389	219	189	50	356	NA
1993	431	180	156	53	353	53
2002	432	262	253	146	315	NA
2009	1059	732	973	389	807	208
2017	1246	1032	1198	623	807	734

SOURCE: Statistical Abstract 1981, Govt. of Tripura, Statistical Abstract 2010-11, Govt. of Tripura, Third All-India Educational Survey, Educational Facilities and Enrolment (School Education), NCERT, 1979, Fourth All-India Educational Survey, NCERT, 1982, Fifth All-India Educational Survey, Selected Statistics, NCERT, 1989, State Report of Sixth All India Educational Survey, Govt. of Tripura, 1999, Seventh All India School Education Survey, NCERT, 2005, Eighth All India School Education Survey – A Concise Report, NCERT, 2016, Some Basic Statistics of Tripura 2010, Govt. of Tripura, 2010, Some Basic Statistics of Tripura 2017, Govt. of Tripura, 2017, Economic Review of Tripura 2017-18.

Table 4 shows the infrastructural facilities available in the Secondary (High) Schools of Tripura during the period 1978 to 2017. As per given table there were 92 Secondary (High) Schools in the state in the year 1978. The number of schools having Drinking Water facilities was 71. Schools with Urinal facilities was 74 and 82 schools were running with Playground facilities. The number of schools providing Library facilities among the students was 88. In the year 2002 the number of Secondary (High) Schools in Tripura was 402. Among these 402 schools only 291 schools were functioning with Drinking Water facility, 301 schools were running with Urinal facility, 179 schools were running with Lavatory facility and 335 schools were there with Playground facility. In the year 2017 there was a significant improvement in respect to infrastructural facilities in the Secondary (High) Schools of Tripura. In 2017 there were 661 Secondary (High) Schools in the state. Number of schools working with Drinking Water facilities was 651. Among 661 Secondary (High) schools 657 schools were functioning with Urinal facilities, 448 schools were functioning with Lavatory facilities, 463 schools were running with Playground facilities and 331 schools were serving the Library facilities among their students.

TABLE – 4
Infrastructural facilities in Secondary Schools of Tripura (1978 to 2017)

INFRASTRUCTURAL FACILITIES IN SECONDARY SCHOOLS OF TRIPURA						
YEAR	Total School	Schools with Drinking Water	Schools with Urinal	Schools with Lavatory	Schools with Playground	Schools with Library
1978	92	71	74	NA	82	88
1986	239	NA	NA	NA	252	NA
1993	332	204	224	106	299	144
2002	402	291	301	179	335	NA
2009	430	395	406	284	379	296
2017	661	651	657	448	463	331

SOURCE: Statistical Abstract 1981, Govt. of Tripura, Statistical Abstract 2010-11, Govt. of Tripura, Third All-India Educational Survey, Educational Facilities and Enrolment (School Education), NCERT, 1979, Fourth All-India Educational Survey, NCERT, 1982, Fifth All-India Educational Survey, Selected Statistics, NCERT, 1989, State Report of Sixth All India Educational Survey, Govt. of Tripura, 1999, Seventh All India School Education Survey, NCERT, 2005, Eighth All India School Education Survey – A Concise Report, NCERT, 2016, Some Basic Statistics of Tripura 2010, Govt. of Tripura, 2010, Some Basic Statistics of Tripura 2017, Govt. of Tripura, 2017, Economic Review of Tripura 2017-18.

The infrastructural facilities available in the Higher Secondary Schools of Tripura are presented in the Table 5. As per the given table there were 48 Higher Secondary Schools in the state in the year 1978. Among these schools Drinking Water facilities were available in 47 schools, Urinal facilities were available in all the 48 schools, Playground facilities were available in 48 schools and Library facilities were available in all 48 schools. In the year 2009 the number of Higher Secondary Schools in the state was 301. Among these 301 schools Drinking Water facilities were available in all 301 Higher Secondary Schools, Urinal facilities were available in 296 schools, Lavatory facilities were available in 242 schools, Playground facilities were available in 271 schools and Library facilities were available in 217 Higher Secondary Schools. Total 438 schools were working with Drinking Water facilities for the students and teachers. The Urinal facilities were available in all the 444 Higher Secondary Schools. There were 357 schools working with Lavatory facilities, 384 schools were working with Playground facilities and 322 schools were providing Library facilities to their students and teachers.

TABLE – 5
Infrastructural facilities in Higher Secondary schools of Tripura (1978 to 2017)

INFRASTRUCTURAL FACILITIES IN HIGHER SCHOOLS OF TRIPURA						
YEAR	Total School	Schools with Drinking Water	Schools with Urinal	Schools with Lavatory	Schools with Playground	Schools with Library
1978	48	47	48	NA	46	48
1986	92	NA	NA	NA	98	NA
1993	148	124	129	109	140	132
2002	234	213	216	169	202	NA
2009	301	301	296	242	271	217
2017	444	438	444	357	384	322

SOURCE: Statistical Abstract 1981, 2010-11, Third All-India Educational Survey, Educational Facilities and Enrolment (School Education), NCERT, 1979, Fourth All-India Educational Survey, NCERT, 1982, Fifth All-India Educational Survey, Selected Statistics, NCERT, 1989, State Report of Sixth All India Educational Survey, Govt. of Tripura, 1999, Seventh All India School Education Survey, NCERT, 2005, Eighth All India School Education Survey – A Concise Report, NCERT, 2016, Economic Review of Tripura 2017-18.

Table 6 shows the infrastructural facilities available in Secondary Schools of Tripura during the period 2010-11 to 2015-16. The information in the given table shows a rapid growth in the area of infrastructural facilities in Secondary Schools of Tripura during the period 2010-11 to 2015-16. In the year 2010-11 only 61.80 percent Secondary Schools were running with Girls' Toilet. In 2015-16 this figure rose to 100.00 percent. In the year 2015-16 a significant rise in this area was noticed as the figure rose to 62.13 percent. During the year 2010-11 there were 47.40 percent Secondary Schools with Electricity Connections. But in the year 2015-16 there were 85.60 Secondary Schools in Tripura running with electricity connections. Only 1.60 Secondary Schools of the state were functioning with Science Laboratory in the year 2010-11. But in the year 2015-16 there were 30.28 percent Secondary Schools having their Science Laboratory. In the year 2010-11 only 2.00 percent Secondary Schools of Tripura were working with Computer Lab. In the year 2015-16 the figure rose to 7.69 percent, though the rising seems to be much poor.

TABLE – 6
Facilities available in Secondary Schools of Tripura (2010-11 to 2015-16)

Year	Percentage of schools with Building	Percentage of schools with Drinking Water	Percentage of schools with Girls Toilet	Percentage of schools with Boys Toilet	Percentage of schools with playground	Percentage of schools with Library	Percentage of schools with Electric connection	Percentage of schools with Science Lab.	Percentage of schools with Computer Lab.
2010-11	99.80	94.80	61.80	NA	84.60	13.00	47.40	1.60	2.00
2012-13	99.89	97.99	98.04	52.74	81.31	32.77	64.79	14.10	6.26
2013-14	85.57	83.59	85.02	83.97	70.20	35.51	74.77	31.36	3.12
2014-15	100.00	98.88	100.00	99.59	83.03	58.64	86.99	24.80	7.11
2015-16	100.00	98.42	100.00	99.70	82.35	62.13	90.00	30.28	7.69

Source: School Education in India Flash Statistics (U-DISE 2015-16), SEMIS 2010-11 (NUEPA), UDISE 2013-14 (NUEPA), UDISE 2014-15 (NUEPA), UDISE 2015-16 (NUEPA), State Report Card 2010-11 (NUEPA).

Table 7 shows the picture of infrastructural facilities available in District-wise Primary and Upper Primary (Middle) schools during the year 2017-18. There are eight Districts in the state of Tripura namely, Dhalai, North Tripura, Unakoti, Gomati, Khowai, South Tripura, Sepahijala and West Tripura. Table 8 shows the status of District-wise Primary and Upper Primary (Middle) Schools in respect of Drinking Water facility, Toilet facilities for Boys and Girls, Electricity connections in schools, Playground facility, Library facility etc.

TABLE – 7
Facilities available in district wise Primary and Upper Primary Schools of Tripura: 2017-18

Type of facility	Dhalai	North Tripura	Unakoti	Gomati	Khowai	South Tripura	Sepahijala	West Tripura	State Total
Drinking Water	554	342	232	414	362	432	370	433	3139
Boys' Toilet	778	384	255	467	381	500	403	456	3624
Girls' Toilet	774	386	256	465	381	496	402	454	3614
Electricity	90	104	49	89	50	54	50	126	612
Playground	339	160	105	278	312	390	275	339	2198
Library	618	284	139	143	98	105	364	118	1869
Ramps	178	137	112	315	236	346	129	187	1640
Computer	38	28	16	35	29	29	21	51	247
Total Number of Schools	781	390	258	468	381	505	403	457	3643

Source: Economic Review of Tripura 2017 – 18.

Table 8 presents the facilities available in District-wise Secondary (High) and Higher Secondary Schools of Tripura during the year 2017-18. The given table depicts that the state of Tripura has made significant improvement in providing infrastructural facilities to the Secondary (High) Schools and Higher Secondary Schools situated in different districts of the State.

TABLE – 8
Facilities available in district wise Secondary and H.S. Schools of Tripura: 2017-18

Type of facility	Dhalai	North Tripura	Unakoti	Gomati	Khowai	South Tripura	Sepahijala	West Tripura	State Total
Drinking Water	94	109	88	128	109	166	167	221	1082
Boys' Toilet	98	115	88	127	111	166	168	215	1088
Girls' Toilet	100	115	89	129	111	168	169	217	1098
Electricity	76	104	62	103	95	115	142	204	901
Playground	80	87	67	105	99	154	141	186	919

Library	89	108	65	65	68	82	119	167	763
Ramps	55	69	60	109	99	142	104	137	775
Computer	50	74	42	71	58	68	76	146	585
Total Number of Schools	100	116	90	129	111	168	170	221	1105

Source: Economic Review of Tripura 2017 – 18.

CONCLUSION AND SUGGESTIONS

It is observed from the study that over time the availability of different infrastructural facilities have improved in the state of Tripura. The quantitative expansion in the area of school education created some issues with respect to availability of different facilities in the school at all levels. Proper management of different facilities is an integral part of the overall management of schools. Infrastructural facility and the physical environment of a school is a major determining factor in the attainment of its educational objectives. Considering all these factors the Government of Tripura created many plans and projects for improvement of the situation regarding availability of necessary facilities in the schools of the State. Due to many initiatives taken by the government, some improvement has taken place in the schools. But the overall situation is not satisfactory. More initiatives should be taken with respect to providing library facility, electricity facility, and computer facility in all the schools of the State. Facility of playground, boundary wall should be provided by the respective authority.

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