



GOVERNMENT OF MIZORAM
Directorate of School Education

Electronic Book
on
Significant Activities and Achievements
During 2016-2017



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1. VISION, MISSION, OBJECTIVES AND FUNCTIONS

Vision: To ensure universal access to quality education for establishing educated and literate society.

Mission: Providing free and compulsory quality education at elementary level, improving the standard of secondary and higher secondary level and also improving adult literacy.

Objectives

- 1) **Equity:** Inclusion of disadvantaged group, weaker sections and illiterate adults.
- 2) **Quality:** Improving standards of education at School level.
- 3) **Formulating policy** and carrying out institutional and systematic reforms.
- 4) **Retention:** Improving retention rate of school children.
- 5) **Access:** Expansion of school and teachers' capacity building.

Function: The Department is allocated the following items of business:

- i) Elementary Education
- ii) Secondary Education
- iii) Adult Education
- iv) Hindi Education
- v) Teachers' Education and Training
- vi) The Education Policy of Mizoram, 2013
- vii) Science Promotion in Schools
- viii) Vocational Education

Accordingly, the following functions are being performed by the Department:

- i) To formulate and implement policies and programmes for elementary education, secondary education, literacy and continuing education for adults.
- ii) To set up programmatic structures for administration and monitoring of schemes and programmes of the Department.
- iii) To develop mechanism for coordination, consultation and monitoring of performance of the State in respect of the various programmes and schemes of the Department.

2. EDUCATION SCENARIO OF MIZORAM

Formal education in Mizoram started with the arrival of Christian missionaries. The Christian Missionaries introduced the Roman scripts in 1894 with a phonetic form of spelling. They started opening schools in few villages, such as Khawrihnim, Phulpui and Chhingchhip villages in 1901. In 1903, 3(three) more schools were opened and 7 (seven) more in the next year. In 1909, the first ever Middle Schools were opened in Aizawl and Serkawn respectively. In 1944, the first High School was started in Aizawl by public donations. The opening of High School marked a new epoch of event in the educational progress in the hilly area, now called Mizoram.

For more than half a century, i.e. from 1895 to 1952, Elementary Education was looked after by Christian Mission through Honorary Inspector of Schools. During the period between 1953 and 1972, the management of Primary Education was in the hand of District Council. When Mizoram became Union Territory in 1972, the administration and management of Elementary Education, i.e. Primary & Middle School was transferred to the Government. Since then there has been phenomenal growth quantitatively.

The educational progress in the post independent period is quite remarkable. The progress was due to the joint efforts of the government and active participation of the community. The first five decades of the 20th century shows the expansion and steady consolidation of the first level of education and beginning of the second level. The Directorate of Education was established in the year 1972. The various wings of the department were streamlined and strengthened with state level officers, as respective head of offices. These are (a) General Administration (b) State Social Welfare Officer, (c) Science Promotion Officer (d) Senior Research Officer (e) Special Officer (Scouts and Guides & Sports and Games) (f) Joint Director Adult Education (g) Curator of State Museum. Apart from this, the High School Leaving Certificate (HSLC), Middle School Leaving Certificate (MSLC) and Primary School Leaving Certificate (PSLC) were under the Inspector of Schools until the Mizoram Board of School Education (MBSE) was established in 1976. State Council of Educational Research & Training (SCERT) Wing was established in 1980. Social Welfare Wing was established as a separate Directorate in the year 1984. Later, the Sports Wing was also established as a separate Directorate in the year 1986. In 1989, the Department was trifurcated into 3(three) directorates namely, Directorate of School Education, Directorate of Higher & Technical Education and Directorate of Art & Culture. In the year 2008, SCERT with District Institute of Education & Training (DIET) combined became a separate Department.

The following table depicts important landmarks in the history of education in Mizoram:-

| Sl No | Year | Important Events |
|-------|------|---|
| 1 | 1898 | Establishment of first Primary School in urban area. |
| 2 | 1901 | Establishment of first Primary School in rural area. |
| 3 | 1903 | First Examination in Class-III Level. |
| 4 | 1907 | Establishment of first Upper Primary School. |
| 5 | 1909 | First Examination in Class-VI Level. |
| 6 | 1944 | Establishment of first High School. |
| 7 | 1948 | First Matriculation Examination. |
| 8 | 1958 | Establishment of first College. |
| 9 | 1975 | Establishment of Mizoram Board of School Education. |
| 10 | 1975 | Establishment of Mizoram Institute of Education later upgraded to College of Teacher Education (CTE). |

| Sl No | Year | Important Events |
|-------|------|--|
| 11 | 1980 | Establishment of SCERT. |
| 12 | 1997 | Opening of College of Veterinary Science and Animal Husbandry under Central Agricultural University at Selesih, Aizawl |
| 13 | 2000 | Establishment of Mizoram University. |
| 14 | 2005 | Establishment of ICFAI in the State. |
| 15 | 2005 | Establishment of 6 (Six) Mini DIETs in the State. |
| 16 | 2010 | Establishment of National Institute of Technology (NIT) |
| 17 | 2016 | Opening of College of Horticulture at Thenzawl |

It may be seen from the above that Mizoram is a late starter in the field of general education. Starting with a literacy rate of 0.9% in 1901 census, 88.49% in 2001 census. Mizoram has now achieved a literacy rate of 91.58% in 2011 census. The School Education Department has a vowed aim to achieve 100% literacy through the project known as *Rapid Action for Total Literacy Campaign*. Effort is on to raise the literacy percentage through this project.

Mention may be made in rapid growth of various institutions during few years ago. It may not be wrong to say that the community with their own resource, established all the schools and colleges in Mizoram. Later on such institutions were taken over by the Government on merit of the case. The zeal and enthusiasm of the community in establishing and opening of educational institutions is quite encouraging. This spirit could be the harbinger towards achieving the goal of Sarva Shiksha Abhiyan (SSA) also.

3. ORGANISATIONAL SET-UP

Directorate of School Education, located at Mac Donald Hill, Zarkawt, Aizawl is headed by a Director and various supporting officers and staff. The responsibility and development of School Education lies with the Directorate. The department carries out three main functions, viz. regulatory, operational and directive through the Secretariat, Directorate and Inspectorates and Subordinates. The Department of School Education is the biggest department consisting of around 33% of the entire Govt. work force in Mizoram

District Education Offices: For administrative control and convenience, there are 8 (*eight*) District Education Offices in each of the District Capitals, they are:-

- | | |
|--|---|
| 1) District Education Office, Aizawl | 5) District Education Office, Serchhip |
| 2) District Education Office, Lunglei | 6) District Education Office, Mamit |
| 3) District Education Office, Champhai | 7) District Education Office, Siahia |
| 4) District Education Office, Kolasib | 8) District Education Office, Lawngtlai |



District Education Office-Serchhip



District Education Office-Aizawl



District Education Office-Kolasib



District Education Office-Lunglei



District Education Office-Siahia



District Education Office-Lawngtlai



District Education Office- Champhai



DEO Office, Mamit

Sub-Divisional Education Offices: The Department is looking after 19 (*nineteen*) Sub-Educational Divisions, namely.

- | | |
|------------------|----------------------|
| 1) Aizawl East | 11) Khawzawl |
| 2) Aizawl South | 12) Kolasib |
| 3) Aizawl West | 13) Kawnpui |
| 4) Darlawn | 14) Serchhip |
| 5) Saitual | 15) North Vanlaiphai |
| 6) Lunglei North | 16) Thenzawl |
| 7) Lunglei South | 17) Mamit |
| 8) Lungsan | 18) West Phaileng |
| 9) Hnahthial | 19) Kawrthah |
| 10) Champhai | |

In addition to these, there are 3 Education Offices, each in 3 Autonomous District Councils to look after Elementary Education.

District Adult Education Offices: The Adult Education Wing under the Directorate of School Education has 3 (*three*) District Offices to look after literacy drive.

List of District Adult Education Offices

| Sl. | District | Area Covered |
|-----|------------------|---|
| 1 | Aizawl East | Eastern part of Aizawl District, Serchhip District and Champhai |
| 2 | Aizawl West | Western part of Aizawl District, Kolasib District and Mamit |
| 3 | Lunglei District | Lunglei, Lawngtlai and Siaha District. |

4. COMPONENTS OF SCHOOL EDUCATION

Elementary Education: Elementary Education includes Primary Section and Middle Section. Primary School consists of classes from One to Four and Middle School consists of classes from Five to Eight. The schools are headed by Headmasters. The following tables 4(1) & 4(2) shows the different status of Elementary Education in Mizoram.

Table 4(1): Number of Primary Schools

| S.No | District | Government | | Local Body | Council Aided | SSA managed Schools | Private Unaided | Total |
|--------------------|-----------|------------|------------|------------|---------------|---------------------|-----------------|-------------|
| | | Central | State | | | | | |
| 1 | Aizawl | 2 | 278 | | | 12 | 197 | 489 |
| 2 | Champhai | 1 | 146 | | | 5 | 66 | 218 |
| 3 | Kolasib | | 76 | | | 17 | 32 | 125 |
| 4 | Lawngtlai | | | 202 | | 49 | 20 | 271 |
| 5 | Lunglei | 1 | 204 | | | 52 | 98 | 355 |
| 6 | Mamit | | 85 | | | 45 | 35 | 165 |
| 7 | Siaha | | | 76 | 7 | 25 | 16 | 124 |
| 8 | Serchhip | | 76 | | | 1 | 31 | 108 |
| Grand Total | | 4 | 865 | 278 | 7 | 206 | 495 | 1855 |

Table 4(2): Number of Middle Schools

| S.No | District | Government | | Local Body | State Government & District Council Aided | | | | | Private Unaided | Total |
|--------------------|-----------|------------|------------|------------|---|-----------------|-------------|---------------|-------------|-----------------|-------------|
| | | Central | State | | Deficit | Council deficit | Adhoc Aided | Lumpsum Aided | SSA managed | | |
| 1 | Aizawl | 2 | 182 | | 5 | | 21 | 9 | 34 | 171 | 424 |
| 2 | Champhai | 2 | 100 | | 1 | | 4 | 3 | 17 | 54 | 181 |
| 3 | Kolasib | 1 | 44 | | 1 | | 4 | 2 | 20 | 26 | 98 |
| 4 | Lawngtlai | | 18 | 72 | | | | | 77 | 16 | |
| 5 | Lunglei | 2 | 106 | | 1 | | 25 | 15 | 25 | 49 | 223 |
| 6 | Mamit | 1 | 44 | | | | 4 | 1 | 40 | 19 | 109 |
| 7 | Siaha | | 27 | 15 | | 35 | | | 23 | 14 | 114 |
| 8 | Serchhip | 1 | 52 | | 2 | | 7 | 5 | 2 | 22 | 91 |
| Grand Total | | 9 | 573 | 87 | 10 | 35 | 65 | 35 | 238 | 371 | 1423 |

Secondary Education: The Secondary Education consists of High School from Class IX to X, headed by a Headmaster and Higher Secondary School from Class XI to XII, headed by Principals. The Higher Secondary Schools came into existence only in the year 1996 when the Pre-University class equivalent to Class XI & XII was shifted from College to Schools.

Table 4(3): Number of High Schools

| S.No | District | Government | | Schools Aided by State | | | | Private Unaided | Total |
|--------------------|-----------|------------|------------|------------------------|-------------|---------------|----------------------|-----------------|------------|
| | | Central | State | Deficit | Adhoc Aided | Lumpsum Aided | RMSA managed Schools | | |
| 1 | Aizawl | 1 | 66 | 5 | 35 | 5 | | 88 | 200 |
| 2 | Champhai | 1 | 30 | | 27 | 1 | 1 | 11 | 71 |
| 3 | Kolasib | 1 | 13 | 1 | 9 | 3 | 1 | 2 | 30 |
| 4 | Lawngtlai | 1 | 17 | | 5 | 3 | | 19 | 45 |
| 5 | Lunglei | 2 | 34 | 1 | 23 | 10 | 1 | 28 | 99 |
| 6 | Mamit | 1 | 15 | | 10 | 4 | 2 | 3 | 35 |
| 7 | Siaha | | 9 | 1 | 9 | 3 | | 8 | 30 |
| 8 | Serchhip | 1 | 15 | 1 | 11 | 2 | | 3 | 33 |
| Grand Total | | 8 | 199 | 9 | 129 | 31 | 5 | 162 | 543 |

Today, Vocational courses are smoothly functioning in 16 selected Higher Secondary Schools. The following vocational courses implemented in the selected Schools:

- 1) Computer Technique.
- 2) Computer Software Application.
- 3) Computer Hardware Maintenance.
- 4) Commercial Garment Design & Making.
- 5) Medical Laboratory Technician.
- 6) Automobile Engineering Technique.
- 7) Sericulture.
- 8) Office Secretaryship.

5. MAJOR ACHIEVEMENTS DURING 2016-2017

Appointment, Promotion and Regularisation of Teachers and Other Employees

- 1) 50 Nos. of M/S Teachers have been promoted to M/S Headmasters
- 2) 119 Nos. of P/S Teachers have been promoted to P/S Headmasters
- 3) 70 Nos. of M/S Teachers are regularized.
- 4) 289 Nos. of P/S teachers have been confirmed.
- 5) 2 nos. of Contract Lab. Assistants were regularized.
- 6) 10 Isolated post holders were granted financial upgradation of pay under Time Bound Promotion Scheme.
- 7) 1 (one) officiating Deputy Librarian was regularized.
- 8) 400 nos. of Group B, C & D staff were granted financial upgradation of pay under MACP Scheme, 2010.

New Recruitment Rules for Headmasters of Primary to High Schools: With a view to improve school administration and to provide quality leadership in education, recruitment rules for Headmasters of Primary to High schools were amended w.e.f. 09.09.2016. According to the new recruitment rules, recruitment for Headmasters of Primary, Middle and High Schools will be 50% by promotion and 50% by Limited Departmental Examination from trained and qualified teachers with not less than 5 years regular service.

Filling up of Vacant Posts in Mathematics & Science: State government has given permission for filling up 47 Science Teachers and 64 Mathematics Teachers in Govt. High Schools.

Amalgamation & Change in Medium of Teaching: Govt. of Mizoram constituted Education Reforms Commission (ERC) on 8 May, 2009 and the ERC submitted its report in July, 2010. As per recommendation of ERC and with a view to improve quality of education a good number of small schools and unviable schools were identified and merged or amalgamated on the basis of school-based and location-specific area. At the same time, some primary and middle schools located in close proximity were also merged into comprehensive schools and started functioning under one roof. As a result, teacher pupil ratio has improved substantially and the available resources utilised to the maximum benefit of the students.

- i) Amalgamated schools - 8 Primary School into 4 Govt. Primary Schools
- ii) Comprehensive schools - 4 Middle Schools and 4 Primary Schools 4 Comprehensive Schools

And to cope-up the ever changing world of education, the medium of teaching in 9 Primary Schools and 3 Middle Schools were changed from Mizo to English

Opening Permission Granted to 63 Private Schools

- | | | | |
|------|---------------------|---|----|
| i) | Pvt. Primary School | - | 6 |
| ii) | Pvt. Middle School | - | 40 |
| iii) | Pvt. High School | - | 18 |
| iv) | Pvt. H.S.S. | - | 9. |

Upgradation of Teachers to Senior & Selection Grades

- i) 100 Nos. of teachers upgraded to Senior Grade
- ii) 190 Nos. of teachers upgraded to Selection Grade
- iii) 7 Nos. of Govt. Headmasters upgraded to Senior Grade
- iv) 12 Nos. of Govt. Headmasters upgraded to Selection Grade
- v) 2 Nos. of Deficit teachers upgraded to Senior Grade
- vi) 9 Nos. of Deficit teachers upgraded to Selection Grade
- vii) 256 Nos. of Adhoc GIA teachers upgraded to Senior Grade
- viii) 46 Nos. of Adhoc GIA Headmasters upgraded to Senior Grade

Hindi Education: 15 posts of Assistant Hindi Education Officers (AHEO) were filled up by promotion during 2016-17. Qualified Hindi Teachers in High Schools and Middle Schools were deputed for Training at Mizoram Hindi Training College, Aizawl, as below:-

- i) Parangat (B.Ed.) - 45 from High Schools
- ii) Hindi Shikshan Praveen - 47 from High Schools
- iii) Hindi Shikshak Diploma - 50 from Middle Schools

Refresher course for CSS Hindi Teachers was arranged 5 times during 2016 for 200 Hindi Teachers, both in High Schools and Middle Schools.

Introduction of Early Childhood Care & Education (ECCE): Recognising the importance of pre-school education and with a view to boost enrolment in govt. primary schools, Early Childhood Care and Education (ECCE) have been formally started in 66 Govt. Primary Schools. Text Books/Activity Books for ECCE have been prepared and printed by the Department, which were distributed to all the Pre-School students free of cost.

Connected Learning Initiatives (CLIX) programme is intended to provide quality hands-on learning experiences to students of Class VIII, IX and XI on three domain areas – Science, Mathematics and English. Tata Institute of Social Sciences (TISS), Massachusetts Institute of Technology (MIT) and Tata Trusts are partnering with the State's Department of School Education (DSE), along with Mizoram University to implement CLIX in government schools. For the initial year, 30 Govt. High Schools have been selected for the programme, and a series of training for Science, Maths and English teachers are conducted in 2016. Selected schools are provided with Computer Servers and ICT labs are made functional for implementation of the programme. Teacher's handbook, Maths handbook for students are printed and distributed to schools.

National and State Award to Teachers: National Award to Meritorious Teachers, 2016 were received by

- 1) Mrs. J. Lalrinmawii, Headmistress, Govt. Primary School-I, Sakawrtuichhun, Aizawl and
- 2) Mr. H. Ngurthansanga, Lecturer, Govt. Mamawii Higer Sec.School, Aizawl.

State Award to Teachers were received by

- 1) Mrs. Ramngaihshangi, Headmistress, Govt. Primary School-I, Electric Veng, Aizawl;
- 2) Mr. Lalchhanhima Chhangte, Headmaster, Govt. Middle School, Seling and
- 3) Mr. Lalthantluanga Tochwawng, Lecturer, Govt. Gandhi Memorial Higher Sec. School, Champhai.

Projects under North Eastern Council (NEC): Govt. Khawpuia Memorial Higher Secondary School at Dawrpui Vengthar, Aizawl was upgraded and expanded. Out of approved cost Rs. 300.00 lakhs, an amount of Rs. 288.87 lakh is being utilised in which 95% of the works is completed.

Projects under Non-Lapsable Central Pool of Resources under Ministry of DoNER: The Department is having two projects:-

- 1). Construction of Higher Secondary School at Kawlkulh and Kawlberm (Rs. 1.96 crores).
- 2). Construction of Hostel for students of Higher Secondary School at Lawipu, Aizawl (Rs. 5.0 crores)

About 90% of the works have already been completed in the construction of Higher Secondary School at Kawlkulh and Kawlberm, whereas the progress in construction of Hostel for students of Higher Secondary School at Lawipu, Aizawl is about 25%

Projects under Special Plan Assistance (SPA) and Special Central Assistance (SCA)

The Department is having one project under Special Plan Assistance and two projects under Special Central Assistance.

Special Plan Assistance (SPA): Education Centre in Aizawl is under construction with this Fund. The Department received Rs 800.00 lakhs and the works will be completed by 2018.

Special Central Assistance (SCA)

- i) For the construction of Educational Complex at Serchhip, the Department received Rs 122.00 lakhs and the works will be completed by 2018.
- ii) The Department received Rs 120.00 lakhs for the construction of Educational Guest House and Training Centre at Lunglei and the works will be completed by 2018.

Adult Education Wing of Directorate of School Education strives to eradicate adult illiteracy in the whole state of Mizoram. Total Literacy Drive is taken as major step in the 3 (three) districts – Lunglei, Lawngtlai and Mamit where illiteracy percentage are high targeting 1000 each illiterate person in 2016 – 2017. Government Teachers and SSA Teachers are engaged to teach illiterates in their respective areas. Besides this, steps have also been taken towards adult education in SAGY (Model Village).

Training on Physical Education Subject for Teachers:-

- (a) To impart physical fitness to all students from Elementary School to Higher Secondary Schools, the subject teachers are trained.
- (b) 'Fit people, fit nation' is one of the important targets of Govt. of India. Central Advisory Board of Education (CABE) also recommended inclusion of Physical Education subject in school curriculum. Physical Education Wing is conducting Orientation Course in Physical Education for teachers as an attempt to achieve this objective.

Trainings on Physical Education for teachers were conducted as:-

- | | | |
|---|--------|---------------------------------|
| - Under SDEO Kawnpui | during | 9-15 May, 2016; |
| - Under SDEO West Phaileng | during | 16-21 May, 2016; |
| - Under SDEOs North Vanlaiphai & Thenzawl | during | 30 May – 4 June, 2016; |
| - Under SDEO, Aizawl West, Phase-I | during | 19-24 September, 2016 and |
| - Under SDEO Aizawl West, Phase-II | during | 26 September – 1 October, 2016. |

One-day Seminar on Zonal Sports for Primary School Teachers was conducted as:-

- on 27.7.2016 under SDEO Aizawl South
- on 28.7.2016 under SDEO Aizawl East
- on 29.7.2016 under SDEO Aizawl West.

It organised the following school games:

- Zonal Sports for Primary Schools in 198 zones during 1-4 November, 2016 and for Middle Schools at 151 Zones during 15-18 November, 2016.
- District Sports for High Schools in all Districts during 13-16 September, 2016.

- 34th Mizoram Secondary School Games, 2016 at Aizawl during 18-21 October, 2016.
- 15th Mizoram Secondary School Games, 2016 at Aizawl during 6-9 December, 2016.

School Education Department participated in the National School Games during 2016 and won Medals as mentioned below:

- (1) Karate (Boys & Girls), Punjab: 20th – 24th January 2016 - Won 1 Silver and 3 Bronze Medals
- (2) Taekwondo (Boys & Girls) U-17 & 19 at Pune, Maharashtra during 3-7 February, 2016 and won 3 Bronze Medals;
- (3) Weight Lifting (B&G), Telangana: October, 2016 - Won Silver Medal
- (4) Wushu U-17, U-19 years at Bhopal during 22-26 November, 2016 and won 1 Gold Medal and 1 Silver Medal

Education Campaign was launched by School Education Department in the three district headquarters of Lunglei, Serchhip and Kolasib Districts under the leadership of Hon'ble Minister of School Education and Hon'ble Parliamentary Secretary, School Education. All teachers from Primary to Higher Secondary Schools of the District Headquarters attended these education campaigns. The theme of the campaign consists of relevant issues like enrolment drive, quality education, improvement of the education system and more. Remaining districts will be covered in the near future.

Mid-Day Meal Scheme

The Government of India started Mid-Day Meal Scheme with a view to enhancing enrolment of children in schools, retention and to increase attendance while also improving nutritional levels among children. The National Programme of Nutritional Support to Primary Education (NP-NSPE) was launched as a Centrally Sponsored Scheme on August 15, 1995. After some amendments, as per the expansion of the programme, the Government designed a set of rules and guidelines to be followed for implementation. These include various aspects related to child health and growth, like the quantity of calories and proteins required for children from specific age groups, the quantity of grains that can be allotted to each child, and so forth.

Mid-Day Meal Programme was implemented in Mizoram since 15th February, 2006 by providing cooked Mid-Day Meal in the entire State to school going children of Govt. Primary School, A.I.E and E.G.S Centres. Since 1st August 2009 Mid-Day Meal was provided in Govt. Middle Schools and SSA assisted schools. The scheme was further extended to provide upto Class VIII students from the academic session 2011-2012.

During 2016-17, number of students in Primary & Upper Primary schools who enjoyed Mid-day Meal and number of Cook-cum-Helper engaged can be seen as under

| Academic Year | No. of Students | No. of Cook-cum-Helper engaged |
|---------------|-----------------|--------------------------------|
| 2016-17 | 151786 | 5071 |

94 units of Kitchen-cum-Stores are being constructed during 2016-17 from State Matching Share. An amount of Rs. 346.50 lakhs and Rs. 38.50 lakhs were received from Central Government and State Government respectively, for construction of 110 number of Kitchen-cum-Store during 2016-17 which is to be started soon.

Testing of Food sample (Mid-Day Meal) was undertaken in all districts during 2016-17 by giving food sample at RIPANS. Food sample results proved fruitful for further improvement of MDM scheme.

Online Monitoring System (Automated Reporting & Management System) was introduced since 15th September 2016 under Mid-Day Meal Scheme.

Mid-Day Meal Programme exerts a positive influence on enrolment and attendance amongst elementary students. It also tremendously helped in improving retention, discipline and health conditions of the students.

Management Information System (MIS) Cell is established to cater and serve computer and Information Technology related matters in the Directorate. The Directorate is fully networked with internet accessibility. It is mainly created to become a repository of Department's data. At present, it enables to move draft without papers.

Total Information on School and Teachers: It is an integrated IT platform for all schools and teachers under the Department, to use IT primarily to increase efficiency in record management and processing along with convenience in operations. It also endeavours to facilitate immediate retrieval of all transfer and posting records of individual teachers employed under the Department. The project focuses on e-enabling majority of services that are administered by the Department. High volume services involving minimum departmental intervention get higher priority. School data shall be updated and imported from Unified District Information System for Education (UDISE), schools and teachers information were integrated with google map.

Solar Energy- Green Energy: Solar Electricity of 7.5kW capacity is installed in the Directorate building, hence it dramatically reduces office expenditure on conventional source of electricity.

Media Cell is established to regularly disseminate information and to create awareness of educational activities.

Sainik School: A new Sainik School (CBSE) at Chhingchhip is to be opened from the academic session 2017-18 by opening Class VI in the first year.

Educational TV Programme: To promote and accelerate the pace of school education at large, a Memorandum of Agreement was signed between the Department and Doordarshan Kendra, Aizawl on 17th July, 2015. Henceforth, Educational Television Programme is telecasted on Doordarshan Kendra, Aizawl on every Thursday for a period of one year. The responsibility of making the Programme lies on Programme Advisory Committee (PAC), which consists of representatives from Directorate of School Education, SCERT, MBSE and SSA (Mizoram).

Civil Works: As many as 68 educational institutions/office buildings were repaired/reconstructed with total amount of Rs. 91.157 lakhs during 2016-17.

Status of ongoing projects under School Education Department can also be seen as:

| <i>Sl/no</i> | <i>Name of Scheme/ projects</i> | <i>Source of funding</i> | <i>Approved project cost (Rs. in crores)</i> | <i>Physical progress</i> |
|--------------|--|--------------------------|--|--------------------------|
| 1 | Construction of Education Centre at Aizawl | SPA, 2014-15 | 8 | 37% |
| 2 | Construction of Education Complex at Serchhip | SCA, 2013-14 | 1.22 | 60% |
| 3 | Construction of guest house cum training centre at Lunglei | SCA, 2013-13 | 1.2 | 30% |
| 4 | Construction of hostel for higher secondary school at Lawipu, Aizawl | NLCPR | 5.2 | 25% |
| 5 | Construction of Higher Secondary school at Kawlkulh and Kawlhem | NLCPR | 1.96 | 87% |
| 6 | Construction and upgradation of KM Higher Secondary School, Dawrpui Vengthar, Aizawl | NEC | 3 | 99% |

NABARD Projects: With a total estimated amount of Rs. 2431.98 lakhs, the following reconstruction, repair of school buildings, construction of kitchen shed and dining hall will be undertaken under NABARD loan. As a result of these projects, beneficiary students will be provided conducive learning environment in their respective schools which is an important factor for providing quality education to children.

- 1) Reconstruction of 13 Primary School buildings
- 2) Reconstruction of 8 Middle School buildings
- 3) Reconstruction of 8 Secondary School buildings
- 4) Repair of 140 school buildings
- 5) Construction of 25 Kitchen & Dining Hall

Swachh Vidhyalaya Puraskar: The Department of School Education & Literacy has instituted the school sanitation awards – Swachh Vidhalaya Puraskar 2016 to ensure that all schools in India have access to separate functional toilets for boys and girls. The initiative also has its emphasis on promoting safe and appropriate hygienic practices in schools and behavior among children. The Swachh Vidhyalaya initiatives have defined the essential elements of Water, Sanitation and Hygiene in schools, which are categorized under Water Sanitation, Handwashing with Soap, Operations and Maintenance, Behaviour Change Activities and Capacity Building. The award is opened to all Government and Government Aided Schools in both Rural and Urban areas. To apply for the award, schools should register and submit information as per prescribed format available online or by downloading the mobile apps. The schools are expected to submit accurate information on indicators categorized under the 5 (five) heads in the Assessment Format. Different weightage is given to the indicators categorized with a total of 100 marks. On the basis of the scores, schools are given rating as Green, Blue, Yellow, Orange and Red. Schools securing Green qualify for competing National Award while schools securing Green & Blue qualify for competing the State Award.

In the recently concluded assessment, 22 schools of the State secured Green and will compete for the National Award.

National Achievement Survey: National Achievement Survey, 2015 was conducted by National Council of Educational Research and Training (NCERT) for Class X students. The country-wide sample survey was taken up for the first time for Class X to ascertain students' achievement levels in five curricular areas, i.e., English, Mathematics, Science, Social Science and Modern Indian Language (MIL). The following are the salient findings of the survey with reference to students of Mizoram:

- i) Average performance of students in the state was significantly lower than the national average in Science and Social Science.
- ii) Average performance of students from rural areas in the state does not differ significantly from those in urban areas in any of the five subjects.
- iii) Average performance of students from rural as well as urban areas in the state is significantly lower than their respective national averages in Science and Social Science. It is also significantly lower for students from urban areas in Mathematics.
- iv) Average performance of girls does not differ significantly from that of boys in any of the five subjects.
- v) Average performance of girls as well as boys in the state is significantly lower than respective national average in Science and Social Science.
- vi) Average performance of students from OBC social group in the state in Social Science and of students from General group in Science, is significantly lower than their national averages.
- vii) Average performance of students from Government schools in the state is significantly lower than that of students from private schools in all subjects other than Mizo.
- viii) Average performance of students from private schools in the state is significantly lower than their respective national averages in Mathematics, Science and Social Science.
- ix) Performance can be described as satisfactory for 76.10% students in English, 50.3% in Math, 35.2% in Science, 40.5% in Social Science and 77.2% of students in Mizo (MIL). Thus, there is need for improvement of 23.90% of students in English, 49.7% in Math, 64.8% in Science and 59.5% in Social Science and 22.8% in Mizo (MIL).
- x) Score of less than 35%: 9% in English, 48% in Math, 52% in Science, 34% in Social Science and 10% in Mizo (MIL). Effort is needed to ensure that all students score than 35% in every subject.
- xi) Score of 75% and more: 1% in Social Science and 38% in Mizo (MIL) and none in English, Math and Science. The proportion of high scores is low except for Mizo and need to be increased.
- xii) Average performance of OBC/General students is poorer across all subjects. OBC and General Students make up approximately 2% of the sample in the State, but contribute nearly 40% of the students needing improvement.
- xiii) Focus is required on the following competencies: Number system, Statistics, Trigonometry in Mathematics, material, world of living things and food in Science, History, Geography and Political Science in Social Science.

ACHEIEVEMENTS OF SARVA SHIKSHA ABHIYAN (SSA)

Residential Hostels running in Mizoram are altogether 11 in number, two each in Aizawl, Lawngtlai and Mamit and one each in the rest of the districts.



Special Training Centres: There are 5729 out of school children in the state. During 2016-17, 18 Residential Special Training centres and 19 Non-Residential Special Training is being functional from 1st August 2016. Besides, Special Trainers are engaged in single teacher schools and no teacher schools. At present there are 99 Special Trainers engaged under SSA.

Free Textbooks: Children in government and government aided schools were given free textbooks @Rs 150 for Primary and Rs 250 for Upper Primary Schools.

Free Uniforms were distributed to all children of government elementary schools only @Rs 400/- per children.

School grant was given to all government and government aided elementary schools @Rs.5000/- for primary schools and Rs 7000/- for Upper Primary schools.

Maintenance Grant was given to all government elementary schools at the rate of @Rs.7500/-.

Children with Special Needs: There are 6394 CWSN identified in the state. Activities under this intervention consists of salary of resource teachers (26), conducting assessment camp, assistive device, teacher training, printing of large print textbook, Braille textbook, etc.

Civil works under SSA: 118 Government Elementary schools in dilapidated conditions were reconstructed during 2016-17.

Kasturba Gandhi Balika Vidhyalaya (KGBV) at Tlabung in Lunglei District is having 100 girls students in this hostel at present.

Student Database Management System (SDMIS) is started implementing to have database of all children in schools which will enable tracking of students' education in future.

State Learning Achievement Survey (SLAS) was conducted for classes III, V and VIII in the previous years. This year approval has been given to conduct for classes II, IV and VI. While report of the SLAS for Class III was compiled in 2014, reports for Classes V and VIII are being compiled. The survey conducted in Class III for Language and Math subjects revealed that overall, Class III children in 8 Districts were able to answer 79% of language items correctly and 72% of mathematics questions correctly. However, improvement is needed especially in abilities such as listening and reading with comprehension, as well as understanding place value, subtraction, multiplication and division.

Swachh Bharat Kosh: Under this programme, 57 dysfunction boy's toilets and 295 girl's toilets have been reconstructed in government schools.

| Percentage of School without infrastructure facilities (Govt. Schools) | | | | | | | | |
|--|--------------|--------------|-------------|----------------|-------|-----------------------|-------------|---------|
| Year | Total School | Girls toilet | Boys toilet | Drinking Water | Ramp | Boundary wall/Fencing | Play Ground | Library |
| 2015-16 | 2264 | 0.75 | 1.59 | 6.89 | 8.04 | 44.79 | 33.79 | 2.74 |
| 2014-15 | 2278 | 0.00 | 0.00 | 7.59 | 45.22 | 41.75 | 43.59 | 7.29 |
| 2013-14 | 2272 | 0.22 | 28.96 | 4.97 | 42.87 | 36.18 | 46.30 | 8.01 |
| 2012-13 | 2506 | 74.42 | 2.79 | 8.14 | 47.81 | 36.83 | 49.16 | 92.30 |
| 2011-12 | 2471 | 25.98 | 29.42 | 9.71 | 46.05 | 37.52 | 58.64 | 92.39 |
| 2010-11 | 2338 | 33.06 | 15.78 | 13.13 | 51.15 | 40.80 | 67.62 | 92.47 |

ACHIEVEMENTS OF RASHTRIYA MADHYAMIK SHIKSHA ABHIYAN (RMSA)

Training: To impart quality education teachers are given refresher course and orientation course annually to afresh in their pedagogy. Notable ones are:-

- (1) In-service Training of Teachers including teaching Headmasters for which Rs 48.45 lakh was utilised for 1615 Teachers including teaching Headmasters.
- (2) Induction Training for 36 newly recruited Teachers conclude recently.
- (3) Management Training for 100 Headmasters was conducted at the State level and also completed.

Rashtriya Avishkar Abhiyan (R.A.A) is a convergent framework that aims at nurturing a spirit of inquiry and creativity, love for Science and Mathematics and effective use of technology amongst children and those who show an inclination and talent for these subjects be encouraged and supported to heights of academic excellence and research. A state level steering committee was formerly instituted.

In-service Training of Mathematics & Science Teachers was organized in collaboration with National Institute of Technology (NIT), Mizoram that provided qualified Resource Persons with state of the art laboratory for practical. 713 teachers of from Govt. Secondary Schools will benefit the programme and the budget earmarked is 21.39 lakh.

School Mentoring by Higher Education Institutes: To promote Science, Technology and Mathematics it is felt necessary to have supervision from higher educational institutes like NIT, University or Science Colleges so that any problem arising out of the school may be solved or worked out with the help of these higher educational institutes. 20 schools will benefit the programme with an estimated amount of Rs. 2 lakh

Life Skill Training for Adolescent (Kishori Utkarsh Manch): Adolescents are considered as the productive members of a society. Today, life of adolescents are becoming miserable due to many reasons including inappropriate home and school environment. They are more or less motivated, less confident, engaging in anti-social activities and spoiling their valuable life. Adolescence is a period when their intellectual and physical capabilities are very high. But their anti-social activities and behaviour are deteriorating all their capabilities and thus may become a burden to the society. Hence, the need for imparting life skill training aroused.

- (1) **Kishori Utkarsh Manch:** (Life skill training including students and community)
280 Govt. Secondary Schools - @Rs.28 lakh.(Rs.10,000 per schools)
Participants/Targets: All female students in Government Schools within the state.
*Duration of the Programme:*5 Days.
Implementation Body - DPO-SMDC – All Govt. Secondary Schools
- (2) **Training of Martial Arts:** For all girls of 280 Govt. Schools
Implementation Body – DPO/SMDC

Enhancement of Learning Achievement in Education:

- (1) **Residential Remedial Teaching** for selected students of Secondary School who are very weak in certain subjects like Science and Mathematics are given to bridge the gap of their learning so that they can have minimum level of learning. Students will be assessed to determine their level of competency.
Selection Criteria – 20% of Class-IX enrolment.
Rs. 500 per student with total outlay of 10.345 lakh.
- (2) **Kala Utsav & District Sports:** Kala Utsav is an annual initiative of the MHRD to promote Arts in education by nurturing and showcasing the artistic talents students at the secondary stage. It was conducted at District and State level, the winner from the state level participated at national level recently organized in New Delhi.

Civil Works under RMSA: Constructions of 2 (two) new Secondary Schools at Vanchengpui village and Diblibagh village will commence soon. In addition, the following infrastructural works are proposed to be taken up during the fiscal year:-

- | | | |
|---|---|-----------|
| i) Additional Classroom | - | 7 rooms |
| ii) Science Laboratory room | - | 1 room |
| iii) Teachers Quarters | - | 28 Units |
| iv) Renovation of dysfunctional toilets | - | 16 blocks |

Children Science Fair/Congress is annually organised at national level. It requires pre-selection at state level to showcase scientific talents of the students. A State Level Committee was constituted under the Chairmanship of the Director of School Education who is also the State Project Director, RMSA Mizoram. District and state level selections were successfully organised in partnership with Science Teacher Association of Mizoram (STAM) that jealously works for the promotion and upliftment of science among the students. Selected students had an opportunity to present the theme – “Weather & Climate” at national level. Such kind of exposure is an important catalyst to motivate the students in pursuing higher studies in science subject.