

ACTIVITIES TAKEN UP BY SCERT (WB) IN 2010-11

1 A study titled ‘Comparison of performance of Govt.-aided and private schools at the primary stage in West Bengal’

SCERT (WB) took up two studies in 2010-11 on a pilot basis under SSA. The objective of the first study titled ‘Comparison of performance of Govt.-aided and private schools at the primary stage in West Bengal’ was to ascertain the difference in infrastructure, management, performance etc. between Govt.-aided and private schools. The second study titled ‘Study on efficacy of detention of children of classes VI, VII & VIII’ aimed to assess the efficacy of detention in improving the performance of detained students.

For carrying out these two studies, two Govt.-aided and two privately managed schools were selected. The medium of instruction of all the four schools was Bengali and all the schools were affiliated to the West Bengal Board of Secondary Education. The four schools were located in semi-urban areas. Both the Govt.-aided schools were boys’ schools and the two private schools were coeducational.

Three tools were developed for collection of information and opinions from schools, students and guardians regarding the first study. A fourth tool was developed for collection of information from the schools about detained students (second study). All the tools are annexed with this report.

The pupils’ questionnaire was administered on students of class V in all the schools. The guardians’ questionnaire was administered on the guardians who were available on the day of the visit, notwithstanding the classes in which their wards studied. The schools provided information regarding infrastructure, management, performance of the students of class IV, school routine, etc.

The data collected were organized and analysed. The report was submitted to the School Education Department, GoWB in May, 2010.

2. On-site training of teachers of the selected primary schools of Bishnupur – II & Maheshtala -Thakurpur blocks of South 24 Parganas

SCERT (WB) took up the above mentioned project under SSA in collaboration with Loreto Day School Teachers’ Training Institute (LDSTTI), Sealdah. LDSTTI would provide support to teachers of 32 selected primary schools on a pilot basis and SCERT (WB) would evaluate the efficacy of the programme.

For finalizing modalities of the study, several meetings were held with different functionaries such as the Secretary and experts of the West Bengal Primary Education Board, the Chairman, DPSC, South 24 Parganas, DIET, South 24 Parganas, schoolteachers, concerned SI and representatives of LDSTTI.

Tools for analyzing achievement of students for classes I & II, classroom observation schedule, tool on school infrastructure, teachers questionnaire etc., were developed by SCERT (WB).

The schools were divided into four clusters. SCERT (WB) conducted a baseline survey in all the selected schools and conducted achievement survey (oral and written) on students of classes I and II in two experimental schools and one control school in each cluster.

The data collected of the baseline survey have been organized and analysed. Meanwhile, LDSTTI provided on-site training to the teachers of these primary schools as per its design till November 2010. The post-intervention test has been conducted in the experimental and control schools in the month of January 2011. A report of the study will be prepared at SCERT (WB) within March 2011.

3. Impact of Teacher's Training in West Bengal under SSA

SCERT (WB) has taken up the above study which is to be conducted in primary and upper schools of 18 districts of West Bengal. The study is being carried out by 16 DIETs and 2 DPOs (Kolkata and Purba Medinipur) in the districts.

Tools were designed at SCERT (WB) for collecting data from teachers and head teachers of primary and upper primary schools regarding pre- and in-service trainings received by them, and for observing teaching methods of trained and untrained teachers (as desired by Hon'ble MIC, School Education, GoWB).

A consultation was held with DIETs and DPOs in which the tools were finalized and handed over to the districts. The districts are carrying out the study and some districts have submitted the district reports. SCERT (WB) would prepare a state report on their basis.

4. National Population Education Project

SCERT (WB) is the state level nodal agency for carrying out the National Population Education Project funded by NCERT. SCERT (WB) has developed a teachers' manual on the themes of Population Education titled 'Janasampad Bishayak Shiksha'. SCERT (WB) is conducting advocacy programmes with teachers and teacher educators in different districts. The programme has already been conducted in five districts (Hooghly, Bankura, Purulia, Coochbehar and Jalpaiguri). The rest of the districts have been asked to organise the advocacy programmes within March 2011.

5. Activity-based Science and Mathematics teaching

SCERT (WB) has developed workbooks titled 'Kajer Majhe Bigyan' and 'Kajer Majhe Ganit' for classes VI, VII and VIII for the purpose of promoting activity-based teaching of Science and Mathematics respectively. The workbooks contain worksheets where students would record their observations, suggestions and queries after performing an activity. The translation of the workbooks in Hindi and English is completed. The translated versions and edited Bengali version will be published within March 2011. The soft copies of 'Kajer Majhe Bigyan' have been handed over to SPO, PBSSM for distribution among the District Project Offices.

6. Developing Computer Aided Learning (CAL) lessons on selected topics in Upper Primary (Classes VI- VIII) syllabi, following WBBSE curriculum

Till date SCERT (WB) has developed exemplar CAL lessons on 36 topics from Upper Primary syllabi of WBBSE curriculum. These lessons have been integrated in four CDs (for Classes VI, VII and VIII) using 'Eklavya' template developed by CDAC, Kolkata. SCERT (WB) has sent these CDs by itself and also through the State Project Office, PBSSM, to all the DPOs of our state, with a planning that the DPOs will make requisite number of copies of the CD and distribute them to the schools in the respective districts having computers in place. Further district level workshop was held at DIET North 24 Parganas in which more fresh scripts, suitable for CAL lessons, have been developed. In the remaining period of the year 2010-11 the scripts will be integrated in CDs.

7. Terminal Achievement Survey at the end of Class - V and Class - VIII in collaboration with NCERT

The Terminal Achievement Survey (TAS) at the end of Class V was conducted in eleven districts (Hooghly, Jalpaiguri, Cooch Behar, Murshidabad, Nadia, North 24 Parganas, South 24-Parganas, Howrah, Burdwan, Bankura and Paschim Medinipur) through the respective DIETs.

The District Coordinators and Associate District Coordinators were oriented in the methods of conducting the survey and the duly completed survey materials were sent to NCERT.

The NCERT, in collaboration with the SCERTs, has recently initiated the process of conducting Terminal Achievement Survey (TAS) at the end of Class VIII during the period 2010-2011.

8. A study on Students' and Teachers' Time– on – Task

A study on Students' and Teachers' Time– on – Task will be conducted in West Bengal by SCERT (WB) and DIETs in collaboration with PBSSM.

Three faculties of SCERT and DIET attended a National level Training Programme at Bhopal from 10th to 14th August 2010 and has been trained by EdCIL for conducting the study.

A follow-up training programme (residential) was held at DIET, Nadia on 26th to 30th October 2010. Resource Persons from EdCIL, SPO, PBSSM and SCERT (WB) were also present throughout the training programme. The Principals / Lecturers-in-charge and lecturers of DIETs attended the programme as supervisors and investigators respectively for carrying out the study in the 10 selected districts of West Bengal (Hooghly, Jalpaiguri, Coochbehar, Murshidabad, Nadia, North 24 Parganas, South 24-Parganas, Howrah, Burdwan and Malda).

Field work for data collection at district level has been taken up. After receiving data from district level, data entry at the state level will be done. The report of the study would be prepared at SCERT (WB) in consultation with EdCIL.

9. Pilot study on comparison of Primary Schools and Shishu Shiksha Kendras in the districts of Hooghly & South 24 Parganas

The Hon'ble MIC, School Education Department, Government of West Bengal desired in a meeting on 09.11.10 that SCERT (WB) may initiate a pilot study on "Comparison between Shishu Shiksha Kendras and Primary Schools".

Accordingly SCERT proposed the study on a pilot basis in five Gram Panchayets in each of the two districts of West Bengal, namely, South 24 Parganas and Hooghly. It was also desired that the report of the study be submitted within 15th January, 2011.

In each Gram Panchayet , the study would focus on all the students of Classes II & III of 1 Primary School and 1 SSK situated within one kilometer of each other. Thus the study was carried out in 5 Primary Schools and 5 SSKs in each of the two districts.

The study was conducted by the faculties of DIETs, PTTIs and the DPO, SSM , South 24 Parganas.

The tools were designed for

- Collection of information from schools / SSKs regarding PTR,SCR etc.,
- Recording observations regarding school and classroom environment , teaching –learning process, etc.,
- Assessing attainment of various competencies by the students in Bengali, English and Mathematics,
- Assessing attainment of general competencies by the students regarding their home, school and social environment.

On 29.11.10 & 16.12.10, the different aspects of the project were deliberated in detail with all the concerned officials of SCERT (WB), DIETs of Hooghly & South 24 Parganas and tools were finalised.

On 29.12.2010, in the final planning meeting, it was decided to visit the schools & Kendras on 7th & 8th of January, 2011.

Five teams per DIET, each of two personnel, visited the SSKs & the Primary Schools on each of the two days. The report has been published by SCERT (WB) in January 2011.

ACTIVITIES OF SCERT(WB) IN 2011-12

1. DEVELOPMENT OF TEXTBOOKS IN GENERAL SCIENCE, LIFE SCIENCE AND PHYSICAL SCIENCE FOR UPPER PRIMARY CLASSES IN THE LIGHT OF NCF, 2005 AND SECTION 29 OF RTE, 2009

It has been assumed that ‘learning by doing’ is much more effective in teaching of a particular subject than the usual lecture method followed in the schools. This is more applicable to science subjects. If students are allowed to perform simple experiments on their own, it is expected that they will develop better understanding of the concepts entailed in the subject and find learning more joyful. The NCF '05 has also raised a concern in the same direction and have suggested that appropriate strategies may be adopted by all stakeholders.

The Section 29 (e) of the RTE Act 2009 promotes “learning through activities, discovery and exploration in a child-friendly and child-centred manner” as the activities are to be done by the children themselves and in groups.

With this in view, SCERT (WB) took up the activities for the above-noted project under SSA in 2011-12, for design and development of textbooks that would promote activity-based science learning in upper primary classes.

SCERT (WB) has initiated the activities for designing of the new textbook in science for class VI. For this purpose, a series of consultations were held at SCERT (WB) to design a draft textbook in science for class VI in which child centric, activity based activities are being incorporated. After finalisation of the new textbook in science for class VI, the same will be submitted to State Project Office, PBSSM, School Education Deptt., GoWB and WBBSE and other functionaries for necessary action at their ends.

2. DEVELOPING COMPUTER AIDED LEARNING (CAL) LESSONS ON SELECTED TOPICS IN UPPER PRIMARY (CLASSES VI-VIII) SYLLABI, FOLLOWING WBBSE CURRICULUM

Article 29.2(e), Chapter V, RTE Act states, “The academic authority, while laying down the curriculum and the evaluation procedure ... shall take into consideration ... learning through activities, discovery and exploration in a child friendly and child centred manner.” The project of developing Computer Aided Learning (CAL) lessons by SCERT (WB) is in keeping to this view of RTE Act.

The objectives behind the endeavour of SCERT (WB) are as follows:

1. The computers lying in the schools be utilized in regular classroom teaching-learning process.
2. Involvement of the teachers be ensured in the developmental process so that teachers may have ownership in the lessons produced.

The methodologies to attain the above objectives are cited below:

1. A MoU was signed between SCERT (WB) and CDAC, Kolkata, whereby it was agreed upon that CDAC (K) will provide necessary technical support to SCERT (WB) for developing CAL lessons.
2. Workshops with Teachers and Teacher Educators were held at SCERT (WB) and then in district level at the DIETs in West Bengal in which scripts, suitable for CAL lessons, have been developed. During 2011-12 Project period SCERT (WB) collaborated with three DIETs in providing resource support and conducting workshops with practicing teachers to develop scripts on suitable topics in the districts of South 24-Parganas, Bankura and Birbhum.
3. The scripts thus developed were scrutinized at SCERT (WB) and 25 lessons were selected for being integrated in the form of CDs. Subsequently CDAC (K) has been entrusted with the job of integrating the 25 selected CAL scripts, and package those together with the previously developed 61 CAL lessons, so that schools may receive the entire content produced by SCERT over past five years in a single package. The lessons will be grouped in three segments for classes VI, VII & VIII

As was done in previous years, SCERT (WB) will send these CDs through the State Project Office, PBSSM, to all the DPOs of our state, with a planning so that the DPOs will make requisite number of copies of the CD and distribute them to the schools in the respective districts having computers in place.

3. ACTIVITIES OF SCERT (WB) IN THE STATE RESOURCE GROUP ON COMPUTER AIDED LEARNING

A State Resource Group (SRG) on Computer Aided Learning (CAL) in our state has been constituted with Director, SCERT (WB) as one of its members and a faculty of SCERT (WB) as a nominee of the Director, SCERT (WB). SCERT participated in a survey conducted by the SRG in sampled schools in Jalpaiguri district to assessing the existing status of CAL programme running in our state. The SRG has also conducted workshop with teachers and teacher educators on CAL where SCERT (WB) has presented the Instructional Design that it has developed over the years in the process of producing CAL lessons.

4. TERMINAL ACHIEVEMENT SURVEY AT THE END OF CLASS -VIII IN COLLABORATION WITH NCERT

The DEME, NCERT has initiated Terminal Achievement Survey (TAS) at the end of Class VIII, which is going to be conducted in sampled districts of West Bengal through the respective DIETs. The State Coordinator, Associate Coordinator and the State Resource Persons participated in workshops conducted by NCERT, where the items for the survey have been finalized. Also, the DEME, in collaboration of TSA is conducting workshop on Introductory Course on Achievement Survey (ICAS) with SCERT faculty and SSA personnel.

5. DEVELOPMENT OF STRATEGIES AND MATERIALS FOR IMPROVEMENT OF CLASSROOM ENVIRONMENT IN THE LIGHT OF RTE ACT AND NCF, 05

A state-level meeting on the above-stated project was held at SCERT (WB) on December 8, 2011. The members present in the meeting discussed the strategies for improvement of classroom environment in the light of RTE Act, 2009 and NCF 2005. During the meeting, Section 29 of the RTE, Act, 2009 was discussed in details. All the members endorsed that a booklet containing the strategies for improvement of classroom environment in the light of RTE, Act and NCF, 05 will be useful to all the stakeholders including the teachers.

In this context another two-day workshop, during 3-4th January, 2012 was held, wherein the participants discussed all the sub-sections of Section 29 of RTE Act, 2009. The participants were requested to develop individual chapters on the sub-sections which may be considered for its implementation and submit the same to SCERT (WB).

6. DEVELOPMENT OF STRATEGIES AND MATERIALS FOR IN THE LIGHT OF RTE ACT FOR SPECIAL TRAINING IN WEST BENGAL

The of Right of Children to Free and Compulsory Education Act, 2009 mandates age appropriate enrollment of all children into school. It also makes provisions for 'Special Training' in case of children who are enrolled in the age appropriate class but may not be at par with other children in that class.

MHRD, GOI arranged a national seminar on the "Special Training" and its material development in 20th and 21st September, 2010 at New Delhi. The seminar was attended by the team of SPO, PBSSM, DPO, SSM and a faculty of SCERT (WB). After two days brainstorming at the national level, the State team has submitted a detailed report with immediate initiatives to be taken by the State to address the issue of Special training was submitted on 20.09.10 to the SPD, PBSSM.

After months of brainstorming at various levels, a meeting was again held in the chamber of the Secretary, School Education Department on 21.01.11. *An important decision out of three decisions taken in the meeting was that the Special training will be imparted in the existing formal schools and regular teachers of the school will impart the training.*

Then finally ,as envisaged in the workshop of 22.06.11 to 23.06.11, a State Resource Team for Special Training (SRT) has been formed vide Notification no. 738 – SE (P) / 10M -154 /11 dated 16.11.2011 under the chairmanship of the Director, SCERT(WB) with the following organizations -

- State Council for Educational Research and Training (SCERT)
- Paschim Banga Sarva Shiksha Mission – State Project Office (PBSSM – SPO)
- West Bengal Board of Secondary Education (WBBSE)
- West Bengal Board of Primary Education (WBBPE)
- West Bengal Board of Madrasah Education (WBBME)
- Loreto Day School, Sealdah (LDS)
- Pratham

- Vikramshila Education Resource Society
- UNICEF

Thus, the SCERT (WB) will provide active guidance and SPO, PBSSM will steer the overall coordination of the programme. Therefore, there will be no duplication of effort / expenditure either at SCERT (WB) or SPO, PBSSM.

STRATEGIES FOR SPECIAL TRAINING ADOPTED BY THE STATE RESOURCE TEAM

- SSA would be the implementing & coordinating agency.
- SCERT(WB) will provide the academic guidance to the programme.
- CLRC would be the administrative unit at the micro level.
- One CLRC within each block (identified on the basis of concentration of OOSC) would operate as resource center.
- CRC should be strengthened gradually.
- If there are 10 OOSC children in the habitation or in the neighborhood of each school, Special training will be organized at that particular school
- If there are not enough target students in any habitation then children from nearest habitations but manageable in a single school would be brought to a nearest school.
- There should be a pool of teachers, trained particularly for Special Training to conduct these classes.
- Instruction to HT to ensure that 120 hours of Basic literacy package is conducted.
- Orientation on Special training at all levels.

A State Resource Team (SRT) has been constituted. The SRT would also act as the Training team. This team can co-opt members, SRG / practicing teachers.

A District Resource Team (DRT) to be constituted in every district (30 persons per district), under DPD's leadership.

A Block Resource Team (BRT) is to be constituted in every block, comprising 21 members.

7. STUDENTS' & TEACHERS' TIME-ON-TASK IN PRIMARY SCHOOLS OF WEST BENGAL

As a measure to be taken up for improving the quality of learning, it is essential to assess the actual teaching-learning process that takes place in classrooms. For this purpose, the time spent by students on learning and other activities, and by teachers in teaching and other activities in the classroom might be estimated. The importance of the classroom process is immense as the efficacy of attaining learning outcomes depends on how effective the classroom teaching-learning process is. Therefore, it is necessary to know how lessons are transacted in a classroom, how

classrooms are managed, the physical and sociological environment of a classroom, the strategies adopted by teachers and the participation of students in the teaching-learning process.

With this aim in view, EdCIL (India) Limited took up a study titled “Students’ and Teachers’ Time-on-Task in Primary and Upper Primary Schools” and developed a common format for collection of data by different states. In West Bengal, the State Council of Educational Research & Training (SCERT) took up the study with financial assistance from Pashchim Banga Sarva Shiksha Abhiyan.

Tools were used for collecting data from teachers and headteachers of primary schools regarding school infrastructure, PTR, teachers’ profile, classroom setting and for observing classroom teaching methods of teachers by assessing time spent by teachers and students on different activities. In all, four tools (TS – 1, TS – 2, TS – 3 and TS – 4) were used.

From West Bengal, ten (10) districts out of 19, namely Bardhaman, Haora, Hugli, Jalpaiguri, Kochbehar, Malda, Murshidabad, Nadia, North 24 Parganas and South 24 Parganas were selected by EdCIL. In case of West Bengal, it was decided that only primary schools would be taken up for the study, the target classes being class II and class IV. Ten (10) primary schools were selected from each district by EdCIL, covering both rural and urban areas.

For each primary school, classroom teaching of two classes (class II and class IV) was observed. In case of class II, Language (Bengali) and Mathematics classes was observed. As for class IV, Language (Bengali), Mathematics and EVS classes were observed. During observation of a class of 30 minutes, 10 snapshots (each of 3 minutes’ duration – 1 minute for observing teacher’s activity and 2 minutes for noting students’ activities) of classroom teaching were taken by an investigator using the tools for classroom observation. Each primary school was visited by two investigators.

Each district collected data in a common format developed by EdCIL and provided by SCERT (WB). The raw data were forwarded to SCERT by the Principals / Lecturers-in-charge of the ten districts, who acted as the district supervisors of this study.

SCERT (WB) entered the data collected from the districts in the format provided by EdCIL and prepared a draft analytical report on the basis of the digitized data. The draft report has been forwarded to EdCIL. After receiving its opinion, the report will be finalized.

8. DEVELOPMENT OF TEXTBOOKS IN MATHEMATICS FOR UPPER PRIMARY CLASSES IN THE LIGHT OF NCF,2005 AND SECTION 29 OF RTE,2009 ,

It has been assumed that ‘learning through activity’ is much more effective in teaching of a particular subject than the usual lecture method followed in the schools. This is more applicable to mathematics. If students are allowed to perform simple activity on their own, it is expected that they will develop better understanding of the concepts entailed in the subject and find learning more joyful. The NCF ’05 has also raised a concern in the same direction and have suggested that appropriate strategies may be adopted by all stakeholders.

The Section 29 (e) of the RTE Act 2009 promote, “learning through activities, discovery and exploration in a child-friendly and child-centred manner” as the activities are to be done by the children themselves and in groups.

With this in view, SCERT (WB) took up the activities for the above-noted project under SSA in 2011-12, for design and development of textbook that would promote activity-based mathematics learning in upper primary classes.

SCERT (WB) has initiated the activities for designing of the new text book in mathematics for class VI. For this purpose, a series of consultations were held at SCERT (WB) to design a draft text book in mathematics for class VI in which child centric, activity based activities are being incorporated. After finalization of the draft, the new textbook in mathematics for class VI will be submitted to State Project Office, PBSSM; School Education Deptt.,GoWB and WBBSE for necessary action at their end .

9. NATIONAL POPULATION EDUCATION PROJECT (NPEP)

The National Population Education Project being funded by the United Nations Fund for Population Activities (UNFPA) began in West Bengal in early 1984 through the NCERT. The Project was being implemented as an educational project for Human Resource Development from 1984 to 2002 in West Bengal at the Secondary and Higher Secondary stages. This programme acquired significance for attainment of better quality of life through School education. The UNFPA funding for the project was stopped w.e.f 31.12.2002. The Project was then taken up by NCERT in 2003-2004 as a Centrally Sponsored Scheme titled “Quality Improvement in Schools”. The major thrust areas of the Project in its reconceptualised form are:

1. Population and sustainable development
2. Gender equality and empowerment of women
3. Adolescence Education
4. Family : Socio- cultural factors and quality of life
5. Health, Nutrition and Education: key determinants of population change
6. Population, urbanization and migration

SCERT (WB) is the implementing agency of National Population Education Project in the state of West Bengal. The project aims at inculcating values and developing different life skills in students so that they become responsible citizens of tomorrow.

With this aim in view, the following activities have been carried out by SCERT (WB) in 2011-2012:

1. SCERT (WB) has developed a teachers’ training manual on the themes of Population Education titled ‘Janasampad Bishayak Shiksha’.
2. SCERT (WB) is conducting advocacy programmes with sixty teachers and teacher educators in different districts. In previous years, in all nine districts were covered. Of the

remaining ten, the programmes have already been conducted in 2011-12 in five districts, namely, Nadia, Kolkata, Uttar Dinajpur, Siliguri and Paschim Medinipur as described below:

Sl No.	Venue	Date of the programme
1.	DIET, Nadia	07-08 th July, 2011
2.	DPO,SSM; Kolkata	22-23 rd August, 2011
3.	DPO,SSM ;Uttar Dinajpur	02-03 rd September, 2011
4.	DPO,SSM; Siliguri	04-05 th September, 2011
5.	DPO,SSM; Paschim Medinipur	05-06 th January, 2012

ACTIVITIES OF SCERT (WB) FOR 2012-2013

1. NATIONAL POPULATION EDUCATION PROJECT (NPEP)

SCERT (WB) is implementing the National Population Education Project activities of NCERT since 1984 in West Bengal.

SCERT (WB) had submitted the Plan of Action and budget of the National Population Education Project activities for 2012-13 for West Bengal in the Project Progress Review Meeting of the project held in February, 2012 at NCERT, New Delhi.

ORGANISATION OF ROLE PLAY COMPETITION:

After receiving the approval, SCERT (WB) initiated the activities by organizing a state level meeting for implementation of the Role Play Competition in three selected districts on 19.07.2012. The Principals of DIET Hooghly, DIET Nadia, DIET South 24 Parganas ; the DPOs of SSM Nadia, Hooghly, South 24 Parganas and the DI / S (SE) of Nadia, Hooghly, South 24 Parganas attended the meeting.

Organisation of District Level Role Play Competition

As discussed and decided in the meeting, the DIETs of the selected three districts organized the District Level Role Play Competition on the following dates:

Venue	Date
DIET, Hooghly	30.08.12 & 31.08.12
DIET, South 24 Parganas	06.09.12
DIET, Nadia	08.09.12

The State level Role Play Competition was held on 25.09.2012 at SCERT, West Bengal. As per approved plan of action 2012-13, the district level Role Play Competition was organized in the districts of Nadia, South 24 Parganas & Hooghly. From the District level competition, 10 teams were selected to participate in the State Level Role Play Competition.

The selected three positioned teams are:

1) SPRINGDALE HIGH SCHOOL (H.S) A-3 CITY CENTRE, P.O &P.S.-KALYANI,DIST. NADIA, PIN-741235

2) RANAGHAT BHARATI HIGH SCHOOL ,P.O. KAMARPARA, P.S.RANAGHAT DIST-NADIA, PIN-741201

&

3) UTTARPARA CHILDREN'S OWN HOME; 100, RAJENDRA AVENUE, P.O. UTTARPARA DIST. HOOGHLY, PIN-712258

Participation in the Regional Level Role Play Competition

Among the selected teams at the state level Role Play Competition, the team from **Ranaghat Bharati High School, Ranaghat, Dist- Nadia** was nominated to participate in the “**Regional level Role Play Competition**” which was held at Bhopal, Madhya Pradesh on 07.11.2012. The team representing West Bengal stood **first** at the **Regional level Role Play Competition** and then participated in the **National level Role Play Competition** held at NCERT on 05-06 December 2012.

ORGANISATION OF DISTRICT LEVEL ADVOCACY PROGRAMME

As per approved plan of action of NPEP activities of SCERT (WB) for 2012-13 , SCERT (WB) in collaboration with DPO,SSM organized two days district level advocacy programme on “Janasampad Bishoyak Shiksha” involving the subject school teachers of upper primary and secondary levels, teacher educators from DIET, PTTIs and B.Ed colleges .

Venue/Organised by	Date
D.P.O,SSM, Purba Medinipur	16.08.2012 & 17.08.2012
D.P.O,SSM, Dakshin Dinajpur	13.12.2012 & 14.12.2012

The authorities (DIETs/DPOs, SSM) of the three remaining districts have been contacted for organization of the district level advocacy programme.

2. NATIONAL ACHIEVEMENT SURVEY AT THE END OF CLASS-VIII (NAS - VIII)

and

NATIONAL ACHIEVEMENT SURVEY AT THE END OF CLASS-III (NAS - III)

The Educational Survey Division of NCERT, New Delhi and SCERT (WB) have collaboratively embarked on conducting a state-wide survey in West Bengal on ascertaining the overall health of education in our state. This endeavour is a part of the national level exercise, undertaken by NCERT. Presently two surveys, titled “National Achievement Survey at the End of Class-VIII” (NAS-VIII) and “National Achievement Survey at the End of Class-III” (NAS-III) are being carried out at around 269 Upper Primary/Secondary schools and 250 Primary schools spread out over ten sampled districts in West Bengal, as sampled by NCERT. A team of two Field Investigators (surveyors) have been visiting the sampled schools to collect data for the said survey by conducting tests on a sample set of 40 (at the most) students of Class-VIII and 20 (at the most) students of Class-III, and also interviewing the Head Teacher and subject Teachers during the survey.

On completing the survey the Response Sheets will be sent to NCERT by early January, 2013 for further evaluation, compilation and subsequent reporting of National results.

3. DEVELOPMENT OF MATERIAL ON CONDUCTING ACTION RESEARCH BY TEACHERS FOR IMPROVING QUALITY OF CLASSROOM TEACHING-LEARNING

(A project under SSA for the period 2012-'13)

In our country – both in national and state levels - Action Research is a field where experts have deliberated and contributed toward refinement of process and practice. SCERT (WB) saw a scope in developing a module which can be used as a reference material by teachers and perhaps teacher educators as well, for sensitizing them on strategies to be adopted for bringing about an overall improvement in their work, particularly in the context of classroom teaching-learning process. For developing its different chapters, SCERT has invited contributions from a select group of resource persons of Teachers & Teacher Educators in form of write-ups for the proposed resource material. The said write-ups are expected to reflect the experiences that the Resource Group has gathered in their long association with different processes of school education.

The said module is aimed to enable the teacher to address the emerging challenges in an evolving modern day classroom through their own ways of reflective practices, resulting in empowerment of practitioner, instilling flexibility and novelty in practice leading to an overall enhancement of quality.

4. DEVELOPMENT OF STRATEGIES AND MATERIALS FOR IMPROVEMENT OF CLASSROOM ENVIRONMENT IN THE LIGHT OF RTE ACT 2009 & NCF, 2005

SCERT (WB) has taken up the above project during 2012-2013, funded by Paschim Banga Sarva Siksha Mission (PBSSM). Under this project SCERT (WB) will make an attempt to develop/update the material on School Development Plan, prepared and provided by the State Project Office, PBSSM to SCERT, after making preliminary analysis of the same. In this context, a state-level meeting was held on December 6, 2012 at SCERT (WB). SCERT (WB) proposes to organize workshops/meetings involving various stakeholders for carrying out the required developmental/updatational activity. The final material will then be submitted to the State Project Office, School Education Department for approval.

5. CAPACITY BUILDING OF TEACHER/TEACHER EDUCATORS IN STATISTICAL TECHNIQUES FOR CONDUCTING EDUCATIONAL SURVEYS

SCERT (WB) will organize a two-day training programme titled, “Application of Statistical techniques in Educational Research” within February 2013. Faculty from DIETs, Research / Pedagogy coordinators from DPOs, teachers from schools and faculty of SCERT (WB) will participate in the training programme.

6. MANAGING CHANGE: CAPACITY BUILDING OF SCERT & DIETS PERSONNEL

SCERT will organize a series of residential capacity building workshops for the Academic Officers of SCERT, DIET Officials, SPO & DPO Officials and the CPC coordinators who are ex-officio SI/S of the schools which will be initiated within January, 2013. The project will be executed in collaboration with the British Council. This office is actively pursuing the project with the Government in School Education Department.

The project will be undertaken because “Change is a process and not just a product”. Projects, like SSA and RMSA, targeting large-scale systematic change need to be seen as long-term undertakings rather than seeing it through to a final conclusion. It is widely accepted that successful change projects are characterized by joined-up thinking between the key participants in the change process and by good communication both within the project and at the interface with all stakeholders with a legitimate interest in the change.

ACTIVITIES OF SCERT (WB) FOR 2014-2015

1. NATIONAL POPULATION EDUCATION PROJECT (NPEP)

SCERT (WB) is implementing the National Population Education Project activities of NCERT since 1984 in West Bengal.

SCERT (WB) had submitted the Plan of Action and budget of the National Population Education Project activities for 2015-16 for West Bengal in the Project Progress Review Meeting of the project held in February, 2015 at Amritsar, Punjab.

ORGANISATION OF FOLK DANCE COMPETITION

After receiving the approval, SCERT (WB) initiated the activities by organizing a state level meeting for implementation of the Folk Dance Competition in sixteen districts on 03.08.2015. The Principals/Lecturer in-charge of all 16 functional DIETs; the DPOs/representatives of and the DI / S (SE)/ representatives of all these districts attended the meeting.

A) Organisation of District Level Folk Dance Competition

- As discussed and decided in the state level meeting on 03.08.2015 at SCERT (WB), the DIETs of the selected sixteen districts organized the District Level Folk Dance Competition in active collaboration with the DPOs, SSM/RMSA and DIs (SE) of the respective districts.

on the following dates:

Sl. No.	Name of District/Venue	Date of district level Competition
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4	DIET, NADIA	19.09.2015
5	DIET, BANKURA	18. 09. 2015
6	DIET, COOCHBEHAR	19. 09.2015
7	DIET, MALDA	21.09.2015
8	DIET, HOWRAH	24.09.15
9	SSM, BURDWAN	17.09.15
10	MURSHIDABAD	17.09.15
11	DIET, HOOGHLY	21.09.15
12	DIET, NORTH 24 PARGANAS	18.09.15
13	DIET, PASCHIM MEDINIPUR	21.09. 2015

14	DIET, BIRBHUM	21.09.15
15	DIET, DAKSHIN DINAJPUR	17.09.15
16	DIET, UTTAR DINAJPUR	23.09.15

B) Organisation of State Level Folk Dance Competition

The State level Folk Dance Competition was organised by SCERT (WB) on 01.10.2015 at Ballygunge Govt. High School. From each of the sixteen districts the teams standing first participated in the State Level Folk Dance Competition

The selected **three positioned** teams at the *State level Folk Dance Competition* are:

1) Harindanga High School, P.O. -Chaberia, P.S.- Palta, Dist- South 24 Parganas, Pin – 743504;

E-mail ID: harindangahighschoolhs@gmail.com

2) Shyam Sukhi Balika Shiksha Niketan, P. O. Gazole, Dist. Malda, Pin: 732124

E mail ID: shyam.santipur@gmail.com

3) Singimari C.D. High School, P.O.+ Vill: Singimari, P.S.: Maynaguri, Dist.: Jalpaguri, PIN: 735302, E mail ID: smcdhigh@gmail.com

C) Participation in the National Level Folk Dance Competition

The team from . Harindanga High School, P.O. -Chaberia, P.S.- Palta, Dist- South 24 Parganas, Pin – 743504 is nominated and participated in the “National level Folk Dance Competition” which was held at Guwahati, Assam on 10 December, 2015.

MATERIAL DEVELOPMENT:

Adaptation and translation of a NCERT draft Training and Resource Book on Adolescence Education into Bengali version is completed and published.

TRAINING:

By using the published Resource Book, a 3 day Advocacy programme in presence of NCERT Experts with the MRPs/ KRPs of District level will be organized.

RESEARCH & EVALUATION:

a) A 2 day workshop was organized to find out the researchable areas in Population Education. The report preparation is in progress.

b) An Impact Study will be carried out to understand the students awareness and attitude towards specific issues on P.E./A.E.

2. NATIONAL ACHIEVEMENT SURVEY AT THE END OF CLASSE-VIII, CYCLE- 4

The Educational Survey Division (ESD) of NCERT, New Delhi and SCERT (WB) has collaboratively embarked on conducting a state-wide survey in West Bengal on ascertaining the overall health of education in our state. This endeavour is a part of the national level exercise, undertaken by NCERT.

The Educational Survey Division (ESD) of NCERT has initiated activities for conducting the National Achievement Survey at the end of ClassVIII in February 2015. As guided by NCERT, a pilot survey was organized by SCERT(WB) in 4 districts (Hooghly, Howrah, Nadia and North 24 Parganas).

The pilot survey was conducted in 14 selected schools in each districts by the respective DIETs of Hooghly, Howrah, Nadia and North 24 Parganas as per NCERT guidelines where test forms on Language ,Science, Mathematics and Social Science were field tested on approximately more than 2000 children of 56 schools.. The filled-in Response Sheets after the survey were sent to ESD, NCERT .

The main survey will be conducted in twenty districts of West Bengal in collaboration with SCERT (WB), DIETs, DPOs and schools at the district level. For the main survey a list of sampled schools has to be provided by ESD, NCERT. The tools of the main survey in Language ,Science, Mathematics and Social Science etc are yet to be finalized.

3. NATIONAL ACHIEVEMENT SURVEY AT THE END OF CLASSE-III, CYCLE- 4

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The pilot survey was conducted in the district by DIET, South 24 Parganas on 24th March, 2015 where test forms on Language and Mathematics were field tested on approximately 800 children of 25 schools. SCERT (WB) translated the tools provided by NCERT for the field try out in Bengali, the tools being provided by ESD, NCERT. The filled-in tools after the survey were handed over to ESD, NCERT by SCERT (WB). Again a two-day workshop was held at SCERT (WB) for the training of the Field Investigators during 25-26th March 2015.

The main survey will be conducted in twenty districts of West Bengal in collaboration with SCERT (WB), DIETs, DPOs and schools at the district level. For the main survey a list of sampled schools has been provided by ESD, NCERT.As per guidelines from NCERT, SCERT (WB) has communicated with all the Principals/DPOs of the concerned districts regarding the conduct of main National Achievement Survey in class III within December 2015. In the process, SCERT (WB) has also translated the revised test forms on Language

and Mathematics and had sent the same to NCERT for quality check. NCERT had sent its observation to SCERT in this regard.

4. DEVELOPMENT OF TEACHERS' TRAINING MODULES ON CHILD PROTECTION POLICY:

In November 2013, a group of 26 teachers and teacher educators on issue of Child Protection Policies & Procedures (CPP/P) from our state were oriented by British Council and PBSSM. Further the Department of School Education, Govt. of West Bengal has entrusted SCERT (WB) with the task of taking forward the issues of CPP in Schools. Accordingly SCERT (WB) has planned and conducted a three day workshop for development of the teachers' training manual on CPP in collaboration with UNICEF, British Council, PBSSM, etc. on 24th to 26th Nov, 2014. A handbook on Child Protection Policy for the schools in West Bengal is under the process of development.

5. TESS INDIA PROJECT IN COLLABORATION WITH SCERT (WB)

TESS India (Teacher Education through School-based Support in India) is a DFID funded and Govt. of India collaborated project led by UK Open University. A series of National level Review workshops was held at New Delhi during the month of May and June 2014 to facilitate the capacity building of the partner states on Open Educational Resources/ Teacher Development Units (OERs/TDUs) of TESS India.

The first steering committee meeting on TESS INDIA (TI) project in West Bengal was held in the chamber of the Secretary, School Education Department, GoWB on 15th October, 2014. The first one-day meeting of TI SRG members was held on October 15, 2014 at SCERT (WB). This was followed by the familiarization workshop of the SRG members on the revised (second version) Teacher Development Units (TDUs) with UK Open University academics in Kolkata during 11-12th December, 2014. Subsequently, it was decided in the workshop that translation and contextualization of the revised TDUs of TESS INDIA will be undertaken within March 2015.

6. SCHOOL LEADERSHIP DEVELOPMENT PROGRAMME (SLDP) IN WEST BENGAL

The National Centre for School Leadership (NCSL) was established by MHRD at NUEPA with a prime purpose of transforming ordinary schools into schools of excellence, eventually bringing improvement in the entire school system through leadership development. The School Leadership Development Programme (SLDP) therefore envisages covering different stages of school education from primary to secondary and higher secondary. The vision being to develop new generation leaders to transform schools so that every child learns and every school excels.

In this context a detailed plan and suitable materials in Bengali (translated from NCSL, NUEPA materials) were developed. A District Resource Group (DRG) comprising 20 persons was formed in each of the four districts-Hooghly, N 24 Parganas, Bankura, Coochbehar where the SLDP programme would be organised on a pilot basis covering 50 participants in each district. The first phase of district level training for concept development on SLDP and the review meeting was conducted in April, 2015. The second phase of district level training for concept application activities related to SLDP and the review meeting was conducted in May, 2015. The third phase of district level training for concept review and the feedback workshop was held in May-June, 2015. The wrap up of SLDP activities in West Bengal was held on 29-30 June 2015. The detailed report of SLDP activities in West Bengal was prepared and disseminated to concerned authorities.

7. UTKARSHA ABHIJAN 2014 FOR CLASS – II & VI AND UTKARSHA ABHIJAN 2015 FOR CLASS – III & VII

In 2014, the School Education Department, GoWB decided to carry out the SLAS (2014-2015) under the name Utkarsha Abhijan 2014 for Classes – II & VI in all the district of West Bengal. For conducting the survey, 25% & 20% schools from each circle were selected for class –II & Class – VI respectively. The survey took place in West Bengal under SSA in collaboration with SCERT (WB) and UNICEF, Kolkata. In this context SCERT, W.B was involved in the development of tools, sampling, pilot testing and report writing for both the classes which took place in December, 2014.

In 2015, the School Education Department, GoWB decided to carry out the Utkarsha Abhijan 2015 for Classes – III & VII in all the district of West Bengal. The survey would be conducted by SSA in collaboration with Expert Committee, SCERT (WB) and UNICEF,

Kolkata. The tools were developed in October – November 2015 through various workshops and pilot testing.

8. CAPACITY BUILDING OF TEACHERS & STUDENTS FOR TEACHING LEARNING THROUGH L2 IN THE MODEL SCHOOLS OF WEST BENGAL

The schools designated as ‘model schools’ were Bengali medium till class 5 and from class 6 they are being converted into English medium. To bring about a smooth transition it is important to have a suitable intervention in place for both teachers (of all subjects) and students. While being sensitive to the emergent literacy it is important to also have other methodologies in place which will make the transition possible in shortest duration.

Transition would involve an approach to language education where teaching shifts or switches from using the L1 to the L2 as a medium of instruction.

Transfer is a cognitive process where what is known in the L1 can be transferred to the L2.

ACTIVITIES TILL DATE

The Government in School Education verbally requested SCERT to place a proposal for supporting the Model School.

Accordingly, a Preliminary Project Report titled “Supporting the Paradigm Shift- Capacity building of Teachers and Students for teaching learning through L2” was prepared and placed vide this office no. 958/SCERT dated 10.03.2014.

Following a discussion at the chamber of the Secretary, the Government in School Education vide its no. 269/SSE/14 dated 05.05.2014 requested SCERT to suggest an effective supporting exercise to these model schools in this year so that the model schools can be benefitted.

This office resubmitted the proposal vide no. 44/SCERT dated 22.05.2014.

The Government in School Education vide no. 168-JS(PM&PI)/SED/Secy/2014 dated 17.06.2014 then again requested the SCERT to ascertain the functioning of the model schools and situation regarding the transition to English Medium and what needs to be done and enclosed the details of these schools as available. It was informed that there are 18 model schools and 84 teachers have been appointed.

The Government in School Education sanctioned administrative and financial approval vide 281(Sanc)-SE(P&B)/11S-12/2014 dated 03.09.2014 to SCERT for this study.

The methodology includes actual visits to the model schools, data collection in the developed schedules, mapping of procedures and teaching programs and overall evaluation.

The SCERT meanwhile has undertaken the Field study of these schools and in-house developed three schedules for collection of initial data for development of portfolio for each school. Visits to five districts – South 24 Parganas, Malda, Murshidabad, Coochbehar and Uttar Dinajpur have already been completed and the remaining districts will be covered within December. A comprehensive report would be prepared and submitted to the Department.

ACTIVITIES OF SCERT (WB) FOR 2015-2016

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ACTIVITIES OF SCERT (WB) FOR 2016-2017

3. NATIONAL POPULATION EDUCATION PROJECT (NPEP)

SCERT (WB) has been implementing the National Population Education Project activities of NCERT since 1984 in West Bengal. Different activities that have been conducted under this project are listed below.

ORGANISATION OF FOLK DANCE COMPETITION

After receiving the approval from NCERT, SCERT (WB) organized a state level meeting for implementation of the Folk Dance Competition in all the twenty districts on 15.07.2016. The Principals/Officer in-charge of all 20 functional DIETs; the DPOs/representatives of and the DI / S (SE)/ representatives of all these districts attended the meeting.

G) Organisation of District Level Folk Dance Competition

The DIETs of the sixteen districts and DPOs/ DI (SE) of 4 districts organized the District Level Folk Dance Competition in active collaboration with the DPOs/, SSM/RMSA and DIs (SE) of the respective districts.

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1)Nehru Nagar Adibasi High School, Post - Palsanda More, P.S – Nabagram,Dist.-
Murshidabad
Pin- 742238

2)EktiasalTilswariAdhikary High School, P.O - Sevoke Road, Dist – Jalpaiguri , Pin-
734001

3) Bajitpur Saradamani Balika Vidyalaya (H.S) , P.O- Chaitanyapur, Dist - Purba Medinipur, Pin- 721645

Participation in the National Level Folk Dance Competition

The team from Nehru Nagar Adibasi High School, Post - Palsanda More, P.S – Nabagram, Dist.- Murshidabad , Pin- 742238 has participated in the “National level Folk Dance Competition” which was held at NCERT, New Delhi on 05-08 December, 2016.

RESEARCH & EVALUATION:

SCERT (WB) has taken up the following research activities-

1. An Impact Study has been carried out to understand the students awareness and attitude towards specific issues on P.E./A.E. The report is now finalised and will be printed very soon.
2. An impact study on the effect of Folk Dance on students at the State of West Bengal had been administered in all the 20 districts. Data analysis is going on. The report will be printed very soon .
3. A status study of various PE/AE related activities conducted by different Govt./NGOs at secondary level schools in the state of West Bengal since 2011 will be held in March, 2017

4. NATIONAL ACHIEVEMENT SURVEY AT THE END OF CLASSE-VIII, CYCLE- 4

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The main survey has been conducted in twenty districts of West Bengal in collaboration with SCERT (WB), DIETs, DPOs and schools at the district level during March-April 2016. For the main survey a list of 260 sampled schools has to be provided by ESD, NCERT. Out of 260 sampled schools, the tests have been administered in 229 schools as per NCERT design. The tools of the main survey in Language, Science, Mathematics and Social Science etc. have been finalized at NCERT workshop. The filled in tools have been sent to NCERT in April, 2016 for analysis.

5. GENDER SENSITIZATION AMONG THE PRE SERVICE TRAINEES OF THE D.El. ED. COURSE IN WEST BENGAL

To sensitise the students enrolled under D.El.Ed programme as well as all concerned in the DIETs eg. members of faculty, staff etc. toward being more respectful and accommodative on gender issues. For this the following activities were taken:

- A workshop was held with the faculty of DIETs where a draft module was developed.
- The module has been finalized and is published.
- Orientation programme for District level resource persons from 16 DIETs will be held in February'2017.
- Orientation programmes will be held at all the DIETs for fostering gender sensitization in the institutions.

6. DATA BASE & COMPUTING TECHNOLOGY FOR TEACHER EDUCATION”

UNDER “CSSTE”

A database will be designed under this programme to cater to the diverse needs of the members of faculty delivering In-service/ Pre-service teacher training programmes. Toward this end the following had been done:

A two-day workshop on the project was held on 2-3 August, 2016 at SCERT (WB). Four formats were developed in the workshop which were compiled in-house by SCERT (WB) into following three formats:-

- i)Format for Pre-service (Regular/ODL) Teacher education programme
- ii)Format for In-service training (Teacher educators)
- iii) Format for In-service training (teacher)

A software will be developed for creating the data base. For this purpose discussions on 03.10.12 and 08.12.2016 were held at SCERT(WB) with different stakeholders including representatives of WTL on various aspects of the formats.

The s/w that will be developed will be placed before the School Education Department, Govt. of West Bengal and the Department will be requested to facilitate the process of uploading the data yearly in the formats by all the concerned TEIs.

7. RESEARCH METHODOLOGY CERTIFICATE COURSE

A Certificate course on Research Methodology was taken up under CSSTE project for orienting Teacher Educators from DIET and SCERT(WB) on issues for conducting Research in education.

- In the Phase-I of the RMC, 18 Teacher Educators from 14 DIETs and 10 members of SCERT(WB) were oriented by R.P.s from national and state level.
- The Phase-II of RMC, as per plan, was held with the same set of participants from Phase-I during 21-25 Nov 2016 in which Research tools were developed for the proposed studies. Seven Resource Persons from the state mentored the 13TH -16TH February, 2017 participants in teaching them the general principles of Tool Development and Preparation of Research Reports. Subsequently individual participant was helped through the process of developing the specific tools suited for their particular proposed study.

8. DIPLOMA IN PRE SCHOOL EDUCATION (DPSE)

SCERT (WB) is under the process of developing material for conducting a DPSE Programme under its aegis. For this the following activities have been done so far:

- Semester wise Curriculum framework for DPSE has been prepared taking RTE (2009), NCFTE (2010), National Policy of ECCE (2013) into consideration.
- 7 days workshop from 6- 12 June, 2016 was organized at SCERT (WB) for the above purpose.
- A 1 day workshop was also held on 30 th July 2016 for finalization of the framework.
- A detailed syllabus on the basis of the curriculum so developed will be prepared.

9. SCHOOL LEADERSHIP DEVELOPMENT PROGRAMME (SLDP) IN WEST BENGAL

The National Centre for School Leadership (NCSL) was established by MHRD at NUEPA with a prime purpose of transforming ordinary schools into schools of excellence, eventually bringing improvement in the entire school system through leadership development. The School Leadership Development Programme (SLDP) therefore envisages covering different stages of school education from primary to secondary and higher secondary, the vision being to develop new generation leaders to transform schools so that every child learns and every school excels.

In 2015-16, the programme was taken up on a pilot basis in four districts of West Bengal involving 200 head teachers. In 2016-17, SCERT has been entrusted with the training of 3000 head teachers on SLDP. For this purpose, several initiatives have been taken-

- Formation of State Resource Group
- Development of material
- Chalking out of the training plan
- Finalisation of training schedule
- Consultation with the functionaries for finalizing the list of MRPs and trainee head teachers

The programme will roll out shortly as soon as the list of MRPs and dates are finalized.

10. TEACHERS' TRAINING ON "ICT IN EDUCATION"

SCERT (WB) took up the training of secondary school teachers on "ICT in education" under CSSTE. The Programme would involve around 4000 teachers of 1950 schools across the state where the scheme ICT @ Schools was implemented earlier. The MRP training was taken up during August-September 2016. Now the district level trainings are going on and are expected to be finished within February 2017.

11. DEVELOPMENT OF MATHEMATICS LABORATORY MANUAL FOR TEACHER EDUCATORS AND CONDUCTING DISSEMINATION WORKSHOP-(A CSSTE PROJECT)

A mathematics laboratory will be developed under this project which will cater to the needs of teacher educators. For this the following activities have been done so far :

- Two consultation meeting was held with the developmental Committee member comprising SCERT, DIET faculty and Teachers where a draft manual was developed.
- Finalized version of the manual is proposed to be completed by February 2017.

ACTIVITIES OF SCERT (WB) FOR 2017-2018

1. NATIONAL ACHIEVEMENT SURVEY, 2017

The National Achievement Survey, 2017 was conducted on 13.11.2017 in the entire country under the aegis of NCERT and MHRD. It involved students of classes 3, 5 and 8 belonging to 22 districts of West Bengal. SCERT (WB) was the implementing agency of the survey. The tools for the survey were translated into Bengali and Urdu at SCERT(WB). The Achievement Test for classes 3 and 5 was administered in Language, Mathematics and Science (45 questions) and that for class 8 was administered on Language, Mathematics, Science and Social Science (60 questions). The medium of tests were Bengali, Hindi, Urdu, English and Oriya. In addition, there were questionnaires to collect data from students, teachers and schools. Approximately, 6800 D.El.Ed / B.Ed trainees were involved as Field Investigators (F.I) for the survey. In all 77,000 students (class3- 23,726, class5- 28,429 and class8- 24,845) of 3780 schools participated in the survey and 11,693 concerned subject teachers were interviewed.

The data uploading of the districts has been completed by MIS and DIET teams. The data uploading was done at two venues- SCERT (WB) for 15 districts and DIET Malda for 7 districts. The District Report Cards (DRC) will be generated by NCERT and MHRD.

2. NATIONAL POPULATION EDUCATION PROJECT (NPEP)

SCERT (WB) has been implementing the National Population Education Project activities of NCERT since 1984 in West Bengal. Different activities that have been conducted under this project are listed below-

i) ORGANISATION OF ROLE PLAY AND FOLK DANCE COMPETITION

After receiving the approval from NCERT, SCERT (WB) organized a state level meeting for implementation of the Role Play / Folk Dance Competition in all the twenty-three districts on 29.06.2017 & 30.06.2017 respectively. The Principals/Officer in-charge of all 17 functional DIETs, the DPOs/representatives of SSM and the DI/S (SE)/ representatives of all twenty three districts attended the meeting.

I) Organisation of District Level Role Play Competition

The DIETs of the nine districts (Howrah/Hooghly/Nadia/Murshidabad/Purba Burdwan/Paschim Burdwan /Malda /South 24 Parganas /North 24 Parganas) and DPOs/ DI (SE) of 2 districts (Purba Medinipur and Kolkata) organized the District Level Role Play Competition in active collaboration with the DPOs/ SSM/RMSA and DIs (SE) of the respective districts.

J) Organisation of District Level Folk Dance Competition

The DIETs of the eight districts(Birbhum / Bankura / Purulia/ Paschim Medinipur for Jhargram/Coochbehar /Jalpaiguri / Uttar Dinajpur / Alipurduar) and DPOs/ DI (SE) of 2 districts(Paschim Medinipur and Siliguri) organized the District Level Folk Dance Competition in active collaboration with the DPOs/SSM/RMSA and DIs (SE) of the respective districts.

K) Organisation of State Level Role Play and Folk Dance Competition

The State level Role Play Competition was organised by SCERT (WB) on 28.10.2017 and the State level Folk Dance Competition was organised by SCERT (WB) on 29.10.2017 at Ballygunge Govt. High School. From each of the district, the team standing first participated in the State Level Role Play /Folk Dance Competition.

The selected **three positioned** teams at the *State level Role Play Competition* are:-

- 1) Kalyani Shikshayatan (H.S), A-2, P.O – Kalyani, Dist- Nadia,Pin - 741235
- 2) Berhampore Maharani Kashiswari Girl's High School, 9 K.N. Road, P.O+P.S Berhampore, Dist- Murshidabad, Pin- 742101
- 3) Udaypally Sikshaniketan High School, P.O- Kanchannagar, Dist- Purba Burdwan, Pin- 713102

The selected **three positioned** teams at the *State level Folk Dance Competition* are:-

- 1)Jateswar Girls' High School (H.S),Vill+Post- Jateswar, P.S- Falakata.Dist- Alipurduar, Pin- 735216
- 2)Janardanpur High School, Vill+ Post- Janardanpur, Dist- Paschim Medinipur,Pin- 721149
- 3)Kaligati Smrity Nari Sikshaniketan,Dangalpara, P.O- Suri, Dist- Birbhum, Pin- 731101

Participation in the National Level Role Play and Folk Dance Competition

The team from Kalyani Shikshayatan (H.S), A-2, P.O – Kalyani, Dist- Nadia, Pin – 741235 has participated in the “National level Role Play Competition” and the team from Jateswar Girls' High School (H.S), Vill+Post- Jateswar, P.S- Falakata. Dist- Alipurduar, Pin- 735216 has participated in the “National level Folk Dance Competition” which was held at NCERT, New Delhi on 05-08 December, 2017.

3. GENDER SENSITIZATION AMONG THE PRE SERVICE TRAINEES OF THE D. EL. ED. COURSE IN WEST BENGAL

To sensitize the students enrolled under D.El.Ed programme as well as all concerned in the DIETs eg. member of faculty, staff etc. towards being more respectful and accommodative on gender issues, the following activities were taken up:-

- A module has been developed and finalized involving the faculty of DIETs which has been published.
- Orientation programme for District level resource persons from 16 DIETs was held in 2017.
- Thereafter by using the module and involving the Resource Persons of respective DIETs, orientation programmes in all the 16 DIETs for fostering gender sensitization among all the persons associated with the institutions, had been organized by the DIETs.
- A Gender Balance Committee had been formed in each DIET to address the gender related issues. Each DIET was instructed to submit the minutes of the meeting of the committee and steps taken to address gender issues (if any).

4. DATA BASE & COMPUTING TECHNOLOGY FOR TEACHER EDUCATION UNDER “CSSTE”

In West Bengal, consolidated database on Teacher Education (Pre-Service & In-Service) is not readily available with SCERT (WB). However, this database is required for preparing Teacher Education Plans, project activity planning, carrying out Action Research etc. In this context, a database on Teacher Education is proposed to be designed under this project to cater to the diverse needs of the members of faculty delivering In-service/ Pre-service teacher training programmes. Toward this end some formats were developed in a workshop mode to capture the data for the followings.

- a) Pre-service (Regular/ODL) Teacher education programmes like D.El.Ed, B. Ed, M.Ed and M. Phil.

- b) In-service training (Teacher educators and teachers) conducted by different organization such as SSA, RMSA, DIETs and SCERT.

A software is in the process of getting developed for creating such data base which will subsequently be placed before the School Education Department, Govt. of West Bengal. The Department will be requested to facilitate the process of uploading data yearly by all the concerned TEIs in the formats.

5. RESEARCH METHODOLOGY CERTIFICATE COURSE

A Certificate course on Research Methodology was taken up under CSSTE project for orienting Teacher Educators from DIET and SCERT (WB) on issues for conducting Research in Education. The specific thrust during this course was kept on motivating and equipping participants to take up research / action research independently, thereby promoting the culture of research based activities in the institutions.

A batch of 14 participants has been oriented in this course. Participants for this programme were selected by SCERT (WB) from among the teacher educators of the DIETs and SCERT(WB). The programme was conducted in residential mode through three phases:

- a) Proposal writing (8-12 Aug. 2016)
- b) Tool Development (21-25 Nov, 2016)
- c) Report Writing (14-16 Feb, 2017)
- & d) Seminar, inviting Participants, R.Ps and Guests, held on 28.03.2017

Twelve such synopses of Study Reports have finally been selected for the present publication of Seminar Proceedings. The seven State Resource Persons who lent their support to the participants were: Prof. Pranab Kumar Chakraborty, Prof. Dulal Mukherjee, Prof. DebjaniSengupta, Prof. Sanat Kumar Ghosh, Prof.MadhumalaSengupta,Dr.Abhijit Paland Dr. Mrinal Mukherjee.

SCERT (WB) is presently involved in formal publication of the said Seminar Proceedings and in bringing out a Compilation of the completed twelve Study reports.

6. PROVIDING SUPPORT TO VOCATIONAL EDUCATION PROGRAMME IN SCHOOL EDUCATION

The Directorate of Vocational Education and Training (DVE&T) had approached SCERT(WB) for translation of five sectors- viz., Apparel, Beauty & Wellness, Electronics, Construction, Travel & Tourism- from English to Bengali. The Commissioner, DTET & SD sent his administrative approval on 16.06.2017 for an amount of Rs. 5.5 Lakh. After the fund

was received on 06.07.2017 from the Commissioner, DTET & SD SCERT(WB) embarked on the project of translation by involving a pool of teachers and head teachers both in service and retired, in the job of translation. After several rounds of proof corrections and editing of the translated matter, four sectors except Electronics have been forwarded to the DVE & T for their use. SCERT(WB) is presently in the process of completing the fifth sector i.e., Electronics and forward the same to (DVE & T) subsequently.

7. PROJECT UNDER RMSA

Under RMSA, the teachers in Secondary Schools are proposed to be oriented on pedagogic practices in Physical Science, Life Science, Mathematics and English. For this training of KRPs on Physical Science, Life Science, Maths, English and Inclusive Education & Career counselling have been completed including district level teacher training.

8. DEVELOPMENT OF MATHEMATICS LABORATORY MANUAL FOR TEACHER EDUCATORS AND CONDUCTING DISSEMINATION WORKSHOP

A mathematics laboratory will be developed under this CSSTE project which will cater to the needs of teacher educators. For this consultation was held with the developmental committee members comprising SCERT, DIET faculty and teachers where a draft manual was developed. Finalized version of the manual is in the process of completion which will be subsequently printed.

9.SCHOOL LEADERSHIP DEVELOPMENT PROGRAMME (SLDP)

SCERT (WB) took up the programme in 2016-17 under RMSA. It was envisaged to provide training on leadership to Head masters of schools in order to develop the schools as 'Centre of Excellence'. Under the programme, 3300 head teachers would be trained by 330 MRPs. The 16 day programme was designed to take place in 3 phases- initial 4 –day orientation (1st phase) followed by 8-day on-site support (2nd phase) and final 4-day wrap up (3rd phase). The districts were divided in 7 zones and the zone-wise first phase of MRP training began in February 2017. Both the state level and district level trainings have three phases each. For the MRP level, the first and second phases have been completed and the 3rd phase is in the offing. At the district level, the first phase has been completed almost in all districts and the second phase is going on. In all, about 3000 head teachers (out of 3630) have undergone various levels of the training.

10.TEACHER TRAINING ON “ICT IN EDUCATION”

The objective of the programme was to build capacity of teachers in improving classroom

transaction by using ICT. It intends to enable teachers to explore learning teaching materials beyond the classroom and use them to make learning a rewarding process.

SCERT (WB) took up the training of secondary school teachers on “ICT in education” under CSSTE. The programme roughly involved around 3900 teachers of 1951 schools across the state where the scheme ICT @ Schools was implemented earlier. The MRP training was taken up during August-September 2016. The district level training was carried out by five lead districts, namely, Nadia, North 24 Parganas, Bankura, Malda and Hooghly. The district level trainings are almost completed.

11. DIGITIZATION OF SCERT’S LIBRARY

SCERT has rich library consisting of rare books, journals, magazines, research reports etc. In order to cater to the needs of various stake holders in teacher education viz., teacher educators, teachers, student trainee etc., the materials in the library have been digitized. The purpose of such digitization is to develop the library as the State Information Centre.

- i. To preserve the documents
- ii. To make the documents more accessible
- iii. To reuse the documents

Till date around 25000 books have been digitised. The content is now ready to be uploaded in the “D-space” which is scheduled to be completed by Jan 2018. The digitized library will be a part of “TEN Project” and could be accessed through the website of SCERT-DIETs.

12. DIGITIZATION OF ENGLISH TEACHING –LEARNING MATERIAL

This project laid stress on the learning and teaching of English upto secondary level. Under this project, lesson plans were designed on the basis of different competencies as prescribed by NCERT. Various applications on ELT were developed both online and off line. The project activities are now aimed towards identifying suitable resource persons for extending to a broader platform.

13. TEACHER EDUCATION NETWORK (TEN) PROJECT

“TEN” is the acronym for “Teacher Education Network” which established a network among the SCERT and DIETs and in near future it may be extended to all Teacher Education Institutes in the state. The various aspects covered in the network are the institution itself, its

employee management, work flow system, establishment and financial matters, educational programs, video conferencing etc. Some of the salient modules developed under this project are Human Resource module, E-filing module, E-documents module, TRMS etc. The process of field trial with data input-output is under way.

ACTIVITIES OF SCERT (WB) FOR 2018-2019

1 . NATIONAL POPULATION EDUCATION PROJECT (NPEP)

SCERT (WB) has been implementing the National Population Education Project activities of NCERT since 1984 in West Bengal. Different activities that have been conducted under this project are listed below.

i) ORGANISATION OF ROLE PLAY AND FOLK DANCE COMPETITION

The following activities were carried out-

- a) Organisation of District Level Role Play Competition
- b) Organisation of District Level Folk Dance Competition
- c) Organisation of State Level Role Play and Folk Dance Competition

At the state level, all the 24 districts have participated - 11 districts in Role Play Competition and 13 districts in Folk Dance Competition.

The selected First positioned team at the State level Role Play Competition is-

Mahishadal Gayeswari Girls' High School P.O- Mahishadal, Dist- Purba Mednipur

The selected First positioned team at the State level Folk Dance Competition is-

Kushi High School (H.S), Vill-Kushi, P.O- R.Nawadia, Dist- Purulia

d) Participation in the National Level Role Play and Folk Dance Competition

The teams securing first position at the state level will participate in the National level Role Play & Folk Dance competition which will be held at NCERT, New Delhi during 04-07 December, 2018.

ii) RESEARCH & EVALUATION

SCERT (WB) has taken up the following research activities-

- 1. A study of misconceptions about process of growing up and HIV/AIDS among adolescent students in West Bengal*

- Separate opinionnaires had been administered to secondary level teachers & students of statistically selected schools in all the districts of West Bengal. Data entry is in progress. The data will be analysed and the report will be published very soon.

2. *A status study of various PE/AE related activities conducted by different Govt./NGOs at secondary level schools in the state of West Bengal since 2012*

The report writing is in progress and will be published very soon.

2. PROVIDING SUPPORT TO VOCATIONAL EDUCATION PROGRAMME IN SCHOOL EDUCATION

The Directorate of Vocational Education and Training (DVE&T) has approached SCERT (WB) for translation of textbooks of *three sectors for classes IX and X, namely Construction, Plumbing and Iron & Steel; and one sector, Healthcare for classes XI and XII* from English to Bengali. The translated books of two sectors have already been forwarded to DVE&T for their use. The other two remaining sectors will be forwarded at earliest.

3. DATA BASE & COMPUTING TECHNOLOGY FOR TEACHER EDUCATION UNDER “CSSTE”

A database on Teacher Education has been designed under this project to cater to the diverse needs of the different state –level and national level organizations regarding faculty members, participants of different In-service/ Pre-service teacher training programmes.

A software is in the process of getting developed for creating such an useful data base for ready reference. In this context a mechanism to facilitate the process of yearly uploading of data by all the concerned TEIs is also in the active consideration and initiative has already been taken.

4. RESEARCH METHODOLOGY CERTIFICATE COURSE

A Certificate course on Research Methodology was taken up under CSSTE project for orienting Teacher Educators from DIET, SCERT (WB) on issues for conducting Research in Education.

SCERT (WB) is presently involved in formal publication of the seminar proceedings and in bringing out a compilation of the completed study reports.

5. A STUDY TO FIND OUT ISSUES BEHIND THE EDUCATIONAL OUTCOMES OBSERVED IN ELEMENTARY EDUCATION IN WEST BENGAL IN THE LIGHT OF NAS 2017

As per direction of the Hon'ble MIC, School Education Department, GoWB , SCERT (WB) took up the above study to find out the reasons behind the performance of our state on the basis of the learning outcomes delineated by NCERT for the grades III,V & VIII in which NAS-17 was conducted.

The Hon'ble MIC had particularly asked to keep in view the extent of alignment followed in our state curriculum, text books, teaching methodology etc. with the learning outcomes on which NAS-2017 was conducted.

The draft report has already been submitted to the Honourable MIC and the Secretary of the department on July 2018.

6. ORIENTATION PROGRAMME OF NEWLY RECRUITED LECTURERS IN DIET

In the year 2016, around 34 persons were recruited as lecturers to different DIETs by the Department of School Education, Govt. of West Bengal. A three-day residential orientation programme on academic and administrative aspects had been taken up by SCERT (WB) for them.

7. DEVELOPMENT OF MATHEMATICS LABORATORY MANUAL FOR TEACHER

EDUCATORS AND DISSEMINATION WORKSHOPS

This project was taken up by SCERT(WB) under CSSTE project. SCERT (WB) had developed a hand book for Mathematics laboratory and accordingly laboratory at all DIETs has already been set up. SCERT(WB) has planned to orient the faculties of Mathematics of different DIETs of West Bengal within December 2018 for successful implementation of the project..

8. TRAINING AT ADMINISTRATIVE TRAINING INSTITUTE

The Administrative Training Institute (ATI), GoWB at the behest of SCERT, WB had arranged a five day partly residential training course on Administrative & Financial Management from 16.04.2018 to 20.04.2018. The officers of SCERT and Principal/In-charge of DIETs attended the programme.

9. SCHOOL LEADERSHIP DEVELOPMENT PROGRAMME (SLDP)

SCERT (WB) took up the programme under RMSA. It was envisaged to provide training on leadership to Head masters of schools in order to develop the schools as 'Centre of Excellence'. Under the programme, 3300 head teachers were to be trained by 330 MRPs. The training has been completed pending district level training at Alipurduar, CoochBehar and Jalpaiguri.

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SCERT has rich library consisting of rare books, journals, magazines, research reports etc. In order to cater to the needs of various stake holders in teacher education the materials in the library have been digitized. The purpose of such digitization is to develop the library as the State Information Centre.

Till date around 25,000 books have been digitised. The content is ready and uploaded in the "D-space". The digitized library is a part of "TEN Project" and could be accessed through the website of SCERT-DIETs. The project is now being implemented in a phased manner to identify the bugs within the project and parallelly the security audit is also going to place it into the cloud server in future.

11. DIGITIZATION OF ENGLISH TEACHING–LEARNING MATERIAL

This project laid stress on the learning and teaching of English upto secondary level. Under this project, lesson plans were designed on the basis of different competencies as prescribed by NCERT. Various applications on ELT were developed both online and off line. The project activities are now aimed towards identifying suitable resource persons for extending to a broader platform.

12. TEACHER EDUCATION NETWORK (TEN) PROJECT

Teacher Education Network established a network among the SCERT and DIETs and in near future it may be extended to all Teacher Education Institutes in the state. The various aspects covered in the network are the institution itself, its employee management, work flow system, establishment and financial matters, educational programs, video conferencing etc. Some of the salient modules developed under this project are Human Resource module, E-filing module, E-documents module, TRMS etc. The process of field trial with data input-output is under way.

13. DEVELOPMENT OF TEACHING CLARITY OF D.EL.ED COURSE

Textbooks for D.El.Ed course in line with the new curriculum of D.El.Ed that has been continued from 2014 in the state of West Bengal have been prepared by SCERT(WB) for use by the D.El.Ed students and teachers of DIETs of West Bengal. Total eleven books have been developed by SCERT(WB) and the ISBN number has already been allotted by the ISBN authority “Raja Rammohan Roy agency for ISBN”, Department of Higher Education , MHRD, GoI. The textbooks will be distributed to the D.El.Ed students and teachers in the next academic session.

14. A STUDY ON CAUSES OF DROPOUT AMONG STUDENTS AT SECONDARY LEVEL IN GOVT./ GOVT. SPONSORED SCHOOLS OF WEST BENGAL

The study will be carried out in survey mode in collaboration with different DIETs of West Bengal for which different questionnaires for different target groups have been developed by SCERT(WB). The questionnaire(s) will be administered in the districts very shortly. The data will be collected, tabulated and analyzed. Report will be prepared and submitted to the competent authority.

15. INDUCTION TRAINING ON ACTION RESEARCH FOR NEWLY RECRUITED DIET FACULTY MEMBERS

A draft module on Action Research has been prepared by SCERT (WB) for this purpose which will be finalized soon. A training programme on the module will be taken up under CSSTE project for orienting the newly recruited Teacher Educators of DIETs of West Bengal to promote the culture of research in education for improving the quality in education.