

Write-up for Preparation of Economic Review for the

BUDGET Session: 2022-2023

A. PHYSICAL/FINANCIAL ACHIEVEMENTS

1. SCERT (WB) has taken initiative to develop its own infrastructure and that of the DIETs through PWD (Civil and Electrical). In the financial year 2021-2022, DIETs and SCERT have received an amount of Rs. 270 Lakhs for various development & repairing works, AMC of electrical maintenance, AMC of IT products of DIETs and SCERT (WB), Remuneration of DEOs and MTSS under e- governance and various research works of SCERT(WB).
2. **Employment generation (Permanent/ Temporary/ Contractual/ Wages based etc) for last 3 (three) year :**
No employment has been generated during last 3 years

3. New initiatives undertaken/ to be undertaken:

1. Establishment of special cells in SCERT, WB (Language/English education)
2. Development of digital content strategy (Apps and LMS) to enhance English language learning through technology.
3. Action Research on different areas in School Education.
4. Conducting National Achievement Survey/ State Achievement Survey.
5. Development of a full-fledged studio at SCERT, WB for conducting on-line training programmes, workshops, seminars and video conferences with DIETs as the nodal agencies at district level.
6. Setting up of Social Science activity corner at DIETs in West Bengal.

B. SPECIAL ACHIEVEMENTS & BEST PRACTICES OF SCERT (WB)

1. ENCOURAGING BEST PRACTICES (EBP) IN D.El.Ed CLASSROOMS

In West Bengal, after the implementation of the D.El.Ed course the DIETs have been effectively functional in their PSTE branches since 2014 after the implementation of the two years' D.El.Ed. course revised as per recommendation of the NCTE. Meanwhile duly qualified faculty members have been appointed in all the DIETs which are also well furnished with all infrastructural facilities including ICT labs enabled with Wi-Fi.

Though different training programmes have been organized for improvement of the quality of the academic activities of the DIET, yet no remarkable improvement have been perceived in this regard and the academic functioning have been taken place in the DIETs in the tune of the conventional manner and not as per recommendation of the NCFTE-09 and of NCTE. Needless to mention that there is no basic difference with the DIETs with other TTIs as per the academic discourse is concerned especially in the field of the School Internship programmes.

The project EBP (Encouraging Best Practice) has been initiated by the SCERT (WB) with an aim to quality improvement of DIETs strictly as per framework & spirit of the NCFTE & review of the JRM of Teacher Education with the following objectives :

- To sensitize the staff members about the spirit of the reformation of teacher education programme as per recommendation of the NCFTE - 2009.
- Capacity development of academic faculty members:-
 - I. For practicing 'School Internship Programmes' for both the 1st & 2nd year students in the light of reformation by providing space of innovation & creativity.
 - II. To build up an institution basis 'Assessment Framework' for awarding internal marks of theory papers & internship activities in an unbiased way.
 - III. For documentation of all activity for creating a repository of the institute.
 - IV. Submission of the tasks, with feedback about all stages i.e. *plan - challenges faced - strategies taken - achievement - failure*.
 - V. For empowering & encouraging them to participate in the national seminars by publishing their work.

SCERT has organized a pilot study in DIET, Burdwan on September, 2021 and conducted three day sensitizing workshop in DIET, Birbhum for South Bengal DIETs with *all faculty members* including the technicians for the period from 12th Sept. 2021 to 14th Sept. 2021. Also SCERT has planned to organise three day sensitizing workshop in DIET, Jalpaiguri for North Bengal DIETs with *all faculty members* including the technicians in the month of Dec'2021.

2. REACHING OUT THE LEARNERS (ROL)

As a measure to contain the spread of the novel corona virus, educational institution has been shut down temporarily. There is no certainty when they will reopen. As the day pass by with no immediate solution to stop the outbreak of COVID-19, the continuity of learning is endangered. It also has a far reaching economic and societal consequence. The structure of learning including teaching and assessment methodologies was the first to be affected by these closures. Needless to say, the pandemic has transformed the centuries-old, chalk-talk teaching model to one driven by technology. This disruption in the delivery of education is pushing the institutional authorities to figure out how to ensure e-learning solutions and how to tackle the digital divide.

The students enrolled in the professional course like D. El. Ed are at a fix. These students are the future teachers with a great mission of building nation. Apart from class lectures and theories, they do need hand-holding support and they do learn to put the acquired knowledge into practice under the supervision of the faculty members of the DIETs.

For them immediate measures are essential to ensure continuity of learning and completion of the curriculum. To ensure accessibility of learning to the students open source digital learning solutions can be adopted. It is important to reconsider the current delivery and pedagogical methods in professional education by integrating classroom learning with e-learning modes. For this, it is also important to ensure quality benchmark for online learning.

In this time of crisis, a well-rounded and effective educational practice is what is needed for the capacity-building of young minds. It will develop skills that will drive their employability.

In this regard, SCERT(WB) has taken initiative to start classes for D. El, Ed. Students through online platform and accordingly has decided for planning and execution of a project entitled as **"Professional Development of the DIET Faculties together with online Classes for Regular D. El. Ed. Students"** with the following objectives :

- i) Professional Development of DIET, Faculties and
- ii) To reach out the learners.

There are nine theory papers in D. El. Ed curriculum and each paper has 10 units. Our target was to make video classes covering all the units. Already SCERT(WB) has developed 70 video classes. The classes will be available in our web portal very soon for Teacher Educators, Trainees of DIETs and other TEIs .

3. CONDUCTING EIGHT RESEARCH STUDIES ON SPECIFIED TITLE AREAS

The School Education Department GoWB, had assigned eight Research Studies to SCERT (WB) to be conducted in eleven sampled districts of West Bengal .

The titles of the study are given below:

1. A study on effect of PTR on Academic Achievement of students of in Primary, Elementary, Secondary and Higher Secondary School in West Bengal (Sampled Districts are Jhargram, South 24 Parganas, Malda and Jalpaiguri)
2. Find out the reasons for Gender Disparity (sampled District are Murshidabad & Uttar Dinajpur)
3. Zero Enrolment schools of South 24Parganas -A tracer Study (Sampled Districts is South 24 Parganas)
4. Out of School Children including CWSN in the district of Bankura (Sampled Districts is Bankura)
5. Study on Drop-out Rates at Primary, Upper Primary, High Secondary and Higher Secondary (demography and social category wise) and finding out the causes of drop-out in West Bengal.(Sampled Districts are - Murshidabad & Dakshin Dinaipur)
6. How to make teaching learning more attractive and enjoyable in Primary, Elementary, Secondary and Higher Secondary Level (Sampled Districts is Alipurduar)
7. A study on Curriculum revision and introduction of new subjects at Higher Secondary level. Necessity of introduction of skill based subjects in our regular curriculum. (Sampled Districts are North 24 Parganas & Howrah)
8. How to make Mid-Day Meal more effective in terms of quality, quantity, regularity & dignity.(Sampled Districts is Hooghly)

A team of researchers from SCERT (WB) faculty members have been completed the work within stipulated time. The reports of Eight research studies have been submitted to the Principal Secretary of School Education Deptt, GoWB and SPD,PBSSA.

4. DEVELOPMENT OF SOCIAL SCIENCE MANUAL FOR CLASS VI TO X

SCERT (WB) has prepared an activity based manual on Social Science for the learners of classes 6 to 10. The manual would help the students to learn the subject in a more attractive manner. This would also help the future teachers who are studying D.El.Ed to impart the lessons in social science in more effective manner. Two separate activity manuals were conceived, one for History and the other for Geography. The subject teachers designed activities for the two manuals. 24 activities were designed for the History manual and 50 for the Geography one. Necessary diagrams, maps were also provided in the manuals.

5. PROVIDING ASSISTANCE IN COORDINATING ADMINISTRATIVE TRAINING OF HOIs

SCERT (WB) collaborated with the CPTSE, NSATI (WB) in conducting Administrative Training of Heads of Institution (HoI) from Secondary and HS schools in batches, as nominated by the DIs from the respective districts. During this period of COVID-19 induced restrictions, the entire five day training for each batch used to be delivered through online mode over WEBEX platform. The participating HoIs were assessed at the end of course through online assessment tools.

6. D.El.Ed TEXT BOOKS IN SANTHALI MEDIUM

Santhali medium books have been developed for the students of D.El.Ed course of Santhali medium which is currently established and running at the Second campus of DIET Jhargram situated at Ramgarh. This is a great achievement for SCERT (WB) since SCERT(WB) is able to run one unit of D.El.Ed course in Santhali medium for the first time in West Bengal. This will help all the students, teachers and community of Santhali medium to continue their teaching-learning in their mother tongue in a very effective way.

7. DIGITIZATION OF ENGLISH TEACHING LEARNING MATERIAL

This project laid stress on the learning and teaching of English up to 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. SCERT(WB) has developed approximately 100 lessons in 3 level, level 1 for class 5 & 6, level 2 for class 7 & 8, level 3 for class 9 & 10. The entire lessons will be digitized through apps and learning management system module very soon.

8. CONDUCTING HoI TRAINING THROUGH SLDP

SCERT (WB) has conducted training of Head of Institutions (HoI) under School Leadership Development Programme (SLDP) during the COVID induced pandemic period in the months of June, July, August and September, 2021 through on-line mode.