

D. ACTIVITIES OF SCERT (WB) FOR 2020-2021

1. Special achievements/ best practices of SCERT (WB)

- i. SCERT (WB) has developed and published two activity books of Mathematics; one for elementary and secondary level in Bengali version and another one for higher secondary level in English version by utilizing the state development scheme fund. Both the books are very useful for the students for developing various concepts of mathematics through different activities. SCERT (WB) has also developed Mathematics Laboratory at SCERT (WB) and 28 numbers of DIETs including second campuses in West Bengal. The department may be aware that few Govt. schools have also been setup Mathematics Laboratory under the guidance of SCERT (WB) in their schools. In this year, SCERT has setup Mathematics Laboratory for the higher secondary stage which will be established in all DIETs in due course. We are very hopeful that our achievement will help to the students and teachers in West Bengal for learning and teaching mathematics in an effective way.
- ii. SCERT (WB) has developed science activity manual for the students of secondary stage under WBBSE curriculum along with setting up activity corner/laboratory at SCERT and DIET, Hooghly by utilizing the state development scheme fund. SCERT (WB) have planned to setup activity corner/ laboratory at other 17 DIETs within February 2021. In the manual, there are 126 number of activities and experiments which can be easily performed by the teachers as well as students themselves. This effort envisions a promotion in the culture of scientific and creative thinking among the students and also help them in the development of their psychomotor skills which they will entail learning by doing.
- iii. SCERT (WB) has taken initiative for developing an activity based manual on Social Science for the learners of classes 6 to 10. The manual would help the students to learn the subjects 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 a more effective manner.
- iv. The COVID- 19 pandemic has changed the teaching learning in a major way and this resulted in shutdown of schools across the world. SCERT (WB) has conducted a study on the efficacy of the online classes. The main objective of the study is to study the effectiveness of the online classes during COVID-19 pandemic situation and to compare the usefulness of face-to-face teaching viv-a-vis online classes. The study founds the following:
 - a) 56.01% students have responded that the online classes could meet their expectations

- b) Only 51% students have responded that online classes are effective as face to face teaching.

From the study it is evident that there is no comprehensive alternative to face-to-face mode of curricular transaction till now.

- v. SCERT (WB) has taken initiative to develop lesson plans for conducting online teaching-learning of the D.El.Ed students. This effort will help all the students of the D.El.Ed course to continue teaching-learning during any pandemic situation like COVID-19 without any disruption.
 - vi. 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.
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**
- i. Development of item designing for learning assessment of L.O on different subjects viz languages, Sciences, Social Sciences and Mathematics.
 - ii. A study on the efficacy of the pedagogy of Bengali as first language in class- V in the sampled Bengali medium schools under WBBPE
 - iii. A study on the efficacy of the pedagogy of history in class - VIII in the sampled Bengali medium schools under WBBSE.
 - iv. Development of language laboratory manual and setting up the same at SCERT and DIETs.