

Open Educational Resource (OER) as Teachers Helpful Materials

Background:

Teachers play a crucial role in the over-all development of students. Well-equipped, competent and proficient teachers can create a quality classroom and undertake effective teaching-learning processes. Teacher's role is not restricted to transmission of knowledge only, but also to nurture and develop problem solving capacity, reasoning power, analytical skills, critical thinking power and other desired qualities amongst students.

In order to shoulder the challenging responsibility of man making, teachers must have command over the subject matter they deal with, expertise in the art of transaction of knowledge, must keep themselves abreast of the latest development – in terms of content pedagogy and technology of education. For that matter, they must be given opportunities for their professional capacity building so that they can make themselves equipped to cope up with the changing needs and demands of the society.

As the teachers are at the innermost core of education system, effective efforts must be taken for their professional development. International studies have repeatedly shown that the quality of teaching is one of the most important school-related factors influencing student learning outcomes. The capacity of teachers can be built by providing more resources and by improving their links to external sources of knowledge. It is needless to mention that Teacher Educators bear great responsibilities in teacher development, continuous process of reflection, training, application and assessment. NIEPA, NCERT, SCERT, Universities, IASEs, DIETs, CTEs, BTCs, SSA, BRC, CRC and the NGOs Working in the field of education must take initiatives for supporting teachers and teacher educators

The performance of students reflects the performance of teachers. In order to assess the learning outcome of students, surveys/studies etc. are being conducted from time to time. As a part of this effort, National Achievement Survey (NAS) conducted in class 3, 5 and 8 in 2017 and the Gunotsav conducted from classes 2 to 8 in 2017-18 have helped in assessing the learning outcome of students-class wise, subject wise. On analysis of the findings of these two efforts, some grey areas have been identified In students' learning outcomes. As a novel effort for teachers' capacity building, it was decided to provide easy access of Open Educational Resources (OERs). Under this backdrop, the state has developed class and subject-wise Open Educational Resources (OERs) of elementary level utilizing the expertise of SCERT, IIT-G, Subject Experts, G.U, SSA, RMSA, HTTC, CTE, College, IASE, BTC etc. The state has also planned to develop OERs in different phases.

OBJECTIVES:

- To enhance the capacity of Teacher Educators as well as Teachers to bring quality improvement in schools through effective and meaningful resource materials related to course curriculum.
- To provide hand-holding support to Teacher Educators and Teachers by making the resource materials easily accessible as and when required.
- To provide the teachers with the necessary pedagogical support.
- To provide conducive framework to encourage teachers to find ways and means of self-improvement.

Expected Outcomes:

- Teachers will be able to use the OERs/contents easily as and when required.
- It will provide flexibility for the teachers to apply new methodologies in the classroom. It will help in children's learning achievement.
- It will also help in developing approaches that help teachers to become reflective practitioners and agents of change in their own contexts.

Coverage of Subjects:

- Class-II** : Language-1 (Assamese), Language-2 (English) and Mathematics.
- Class-III to V** : Language-1(Assamese), Language-2 (English), Mathematics.
- Class-VI to VIII** : Language-1(Assamese), Language-2 (English), Mathematics, Science, Social Science and Hindi.

Feedback and suggestion:

The materials which are uploaded in this online platform are presenting especially for the month of May-June, 2018 as the phase-1 for the needful utilization by teachers. Feedback and suggestions from all concerned are solicited for further improvement.

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