

PHEONIX MOBILE APP – MEASURING STUDENTS’ PROGRESS

In a nutshell: To identify students’ progress periodically and to ensure that all the students acquire at least minimum levels of learning.

Nodal agency: Samagra Shiksha, Department of Education, Chandigarh

Continuous monitoring of children’s educational progress helps parents, teachers and administrators take corrective measures. Samagra Shiksha, the Education Department of Chandigarh, has launched an innovative project – Phoenix, to identify students’ progress and to ensure that all the students acquire minimum levels of learning.

Phoenix was launched in 2018 with the aim to assess students’ progress at elementary level (Class 1-8) for all subjects. The key feature of the project is the ‘Phoenix mobile app’. Developed with the help of Society for Promotion of IT in Chandigarh (SPIC) in 2019, this mobile app is used to track the performance of students in each subject, as well as the performance of teachers in each school. The project has been funded by the Project Approval Board (PAB), Government of India, Ministry of Education, under Samagra Shiksha, Chandigarh.

The app functions as a monthly report card for students and teachers. Prescribed learning outcomes of all the subjects and classes have been pre-fed into the application, helping the officers and supervisors to keep track of the status of each class and subject in each government school. It is useful to track the performance, subject-wise, class-wise, school-wise and cluster-wise. The reports from the app are also useful for preparation of annual pedagogical plan at the school/cluster/state level. On the basis of the reports from the app, the low performing subjects and classes were identified and need-based strategies were drawn up to correct them.

The mobile app is accessible to the principals, officers at the directorate level and Secretary of education, for tracking the performance and taking remedial measures.

The app has proven to be useful to facilitate teachers to keep the progress record of every student, in each subject, throughout the academic session. The monthly progress of the student is then shared with the parents. Thus, it helps to fix the accountability of the teacher by tracking their performance in the particular class/subject. This app has also been extremely helpful in maintaining a continuous academic record of the student, which is then passed on to the next teacher, who can take the necessary steps to ensure improved performance of the child.

Impact

- This initiative has been helpful in identifying and bridging learning gaps that could arise owing to the “No Detention Policy” derived from Section 16 of the Right to Education Act, 2009, which states that “no child admitted in a school shall be held back in any class or expelled from school till the completion of elementary education”.
- The initiative has improved the quality of education by making sure that students are not left behind in class due to difficulty in understanding the subject. It provides for need-based remedial measures for low achievers to help them be at par with their peers.
- The monthly report of each student is passed on to the teacher of the next higher class, helping them devise lesson plans to meet the needs of the low achievers. It puts the onus on the teachers to perform better, to improve their teaching methods and to be of assistance to all the students in the class.



Monitoring and taking corrective steps in education through the Phoenix app