Product’s name: *iPrep Digital Class Mathematics*
Grade ranges evaluated: Grades 1-2, 3-5, 6-8, 9-10
Date of evaluation: *Evaluated by the Tulna team, July 2021*

**Company’s response to the evaluations:**

**Vision & Background for iPrep Digital Class**

At iDream Education, our vision is to facilitate universal access to learning and growth in K-12. Since the EdTech Tulna project is a visionary step towards this vision, it has brought tremendous value in this journey for all stakeholders in the social edtech ecosystem.

The iPrep Digital Class solution serves Digital Classrooms and Smart Class requirements for supplementary teaching and learning in schools.

While working with Govt Schools since the last 7 years, iPrep Digital Class has been developed in a grounds-up approach through practical research and collaboration with various NGOs and ecosystem organizations working in social EdTech.

Our larger vision is to develop iPrep into an all-inclusive platform that empowers universal access to personalized, enjoyable and growth-oriented learning in all Indian Languages and curriculums.

**Premise for the Current Coverage & Features**

Our first milestone was to develop iPrep Digital Class as an easy to use & comprehensive Digital Classroom solution with rich content for all subjects from 1st to 12th, to be used as a teaching supplement on Smart TVs, Interactive Flat Panels, Projectors and Interactive Boards & Tablets in classrooms.

Based on our ongoing research of Digital Classroom solutions in Govt Schools, we outlined some fundamental issues to be solved which included:

**Ease of Use for Teachers** – an important requirement that regularly came up was that the DCR solution needs to be very simple and easy to use for the last mile teachers to be able to adopt it easily and effectively as a part of their teaching methodology in all situations and limitations that they face in Govt Schools. iPrep Digital Class has been developed with this underlying principle of simplifying use by teachers.

**Content Coverage in Local Languages for 1st to 12th** – Especially for local language content in Govt Schools, there was an underlying need to ensure complete coverage of comprehensive learning content for all subjects including animated lessons, topic wise practice questions, tests, DIY activities and books. Currently we have 100% coverage of digital content for 1st to 12th all subjects in both English and Hindi medium and are working on other languages.
Simplification of Digital Classroom Hardware – Another important requirement was to greatly simplify the hardware and infrastructure being used in Digital Classrooms at Govt Schools. For Govt teachers to be able to use it regularly, the hardware needed to be very simple, easy to use (preferably a single device with one touch turn-on facility and not multiple complex devices) with minimum wiring and maintenance issues.

Simplification of Operating System Dependencies – Majority of the Digital Classroom devices were run by Windows based hardware making it mandatory to procure additional Windows based PCs, Mini PCs or OPS along with the Smart TV, IFP, or Interactive Board + Projectors. iPrep Digital Class is one of the first solutions which can also be installed directly on Open-Source Android OS which comes default with the Smart TVs and Interactive Flat Panels.

Propelling Regular Usage through Reports & Accountability - To ensure regular usage, we have also developed the features of offline usage reports being saved in each DCR device and the reports auto sync to a central project reporting dashboard whenever the DCR devices connects to internet. The auto saving and syncing reports ensure best of accountability with usage access at all levels from teachers, principals, officials and other stakeholders in the govt school edtech ecosystem.

Teacher’s support for in-class orchestration: We provide experiential training to all teachers and students in the school where iPrep Digital Class is being set up, covering following points:

- Navigation of the platform
- Different content categories and their learning value
- How to integrate digital content in their lesson plan
- How to supplement their classroom teaching with digital content
- Check student reports and use the data for personalize feedback
- Why using iPrep platform and the digital content will ease their work, bring more efficiency and enable them to achieve improved educational outcomes

Post training, schools and teachers are provided with a one stop support helpline number which is available to provide them with all hardware, content and reporting support. We also undertake periodic meetings with the teachers and bring awareness on the usage reports, trends and how to best use the platform.

We took a conscious decision of first developing our content and learning platform to solve the above fundamental challenges faced by Digital Classroom Projects in Govt Schools. iPrep Digital Class has reached this milestone, and is delivering Digital Content and Platform to various govt projects in different states.

Tulna Evaluation – A base for Solution Enrichment
The EdTech Tulna Project and the comprehensive evaluation has been a timely stepping stone to achieve higher order & Comprehensive solution readiness for DCR in Govt Schools.

Some of the key features and development aspects identified with the evaluation exercise are:

1. Scaffolding & Guiding Learning Support
2. Interactivity & User Motivation
3. Improvement in Feedback Quality
4. Teacher Support for In-Class Orchestration
5. Teacher Support for Out of Class Activities
6. Improved Analytics to track Learner’s Progress
7. Opportunities for Collaboration
8. Improving Learning Navigation and Pace
9. Building Logical Connectedness for a complete learning experience

At iDream Education, over the next few months we shall be focusing on upgrading iPrep Digital Class with the above features & development aspects to achieve the next level of stability as a holistic and comprehensive Digital Classroom Solution in all respects.

We have developed another solution for personalized adaptive learning, iPrep PAL where some of the above mentioned key learner centric aspects and teacher support features have been included, and that platform shall help us include the above in iPrep Digital Class solution.

We shall work closely with the EdTech Tulna team and learn from the framework to bring excellence in all aspects of the iPrep Digital Class solution. This evaluation shall empower us to strengthen iPrep Digital Class as one of the best suited platforms for Digital Classroom projects in Govt Schools across all states and curriculums.