

How to Solve a Long-Pending Problem of Low Usage and Improve Learning Outcomes with a Smart Classroom?

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Discover how government and social sector organizations can overcome low usage of smart classroom & enhance learning outcomes.

With the noble goal of enhancing education for every student, especially those in remote or underserved areas, we've seen a nationwide wave of ICT and smart classroom implementations. Despite substantial national investment in ICT and smart classroom initiatives under Samagra Shiksha Abhiyan, a persistent gap remains between implementation and measurable improvements in teaching/learning outcomes. The low usage and accountability, in terms of reporting, remain alarmingly low, whether the implementation is through government initiatives or the social sector. This low usage is a long-standing problem that hinders our progress toward achieving the desired learning outcomes with smart classrooms.

Although governments have established Vidya Samiksha Kendra, the implementation of smart classrooms is such that the crucial learning usage data and learning outcomes cannot be effectively presented to these centers. This is primarily because the government lacks a comprehensive platform that ensures ongoing monitoring and reporting of smart classroom usage.

Therefore, it's time for a frank assessment. Have we truly prioritized understanding why these classrooms haven't been fully embraced? More importantly, have we invested in the solution that empowers us to continuously report and monitor?

The promise of educational equity, accountability, and inclusivity lies not merely in providing technology, but in ensuring its effective and consistent use to truly uplift every last-mile learner.

How can you chart a path toward data-driven solutions that bridge the gap between investment and impact?

In the quest to bridge the gap between investment and impact in educational technology, the ability to track and analyze data is paramount. Therefore the government as well as social sector organizations must adopt a multi-faceted approach.

Smart Classroom LMS Should Have Offline Reporting

The first and most crucial step to bridging the gap between investment and impact is ensuring your Smart Classroom Learning Management System (LMS) has offline reporting capabilities. The LMS should be able to save usage data offline and automatically sync it to your project-level dashboards. Further, the data should be integrated into your command control center. With this setup, you can

track daily usage, make data-driven decisions, and conduct repeat training. This way, improved usage can become a key focus in smart classroom implementation, empowering you to drive better usage and accountability.

Digital Content Should be Easy to Navigate and Use

Secondly, digital learning content should be user-friendly and easy to navigate. While there's an abundance of information online, it can be challenging for teachers to find curriculum-aligned, relevant content to complement their lessons. As a result, many prefer sticking to traditional teaching methods. To address this, the focus should be on enabling smart classroom LMS that is aligned with state educational goals and language. This ensures smart classrooms are accessible and practical for teachers and students to use in their daily routines.

Smart Classroom Hardware Should Be Intuitive and Familiar

Hardware should be very easy to use. Many instances of smart classroom implementation involve unnecessarily interconnected, complex computing hardware, creating an unneeded setup. This complexity often leads to resistance to using technology. Therefore, the focus in smart classroom implementation should be on enabling smart class hardware that is very simple to use. Hardware with which teachers and students are already familiar such as Android-based devices. For example, a smart TV or an interactive flat panel/digital board/smart board, which is similar to the TVs teachers use in their homes, leading to a seamless and user-friendly experience. By prioritizing intuitive and recognizable interfaces, you can empower teachers and students to embrace technology as a natural extension of their learning environment.

By integrating these three key elements—offline reporting on Smart Classroom LMS, user-friendly content, and intuitive hardware—government and social sector organizations can create a comprehensive, data-driven approach to educational technology.

This strategy not only maximizes the impact of investments but also empowers teachers and students to embrace technology as a tool for learning and growth. Ultimately, this holistic approach paves the way for a more accountable, inclusive, and data-driven education system.

Project Alankar under Gorakhpur UP is one initiative signifying the shift in approach. The project envisions solving the long-pending problem of low usage and improving learning outcomes with smart classrooms. iDream Education is happy to be part of Project Alankar, providing curriculum-aligned UP Board content and Smart Classroom LMS for offline use with integrated and continuous reporting.

If you are also looking for a solution to solve this long-pending problem of low usage and improving learning outcomes with smart classrooms contact us at +91 7678265039. You can also write to us at share@idreameducation.org or fill out the query form.