

A school's ultimate guide to staying competitive

with

SMART CLASSROOMS

INCLUDES



A quiz on 'Are your classrooms performing to the best of their potential?'



Types of smart classrooms with advantages, challenges & the role they play



Traditional classroom challenges solved by smart classroom solutions



Case study on MES International School Pattambi's transition to a smart school

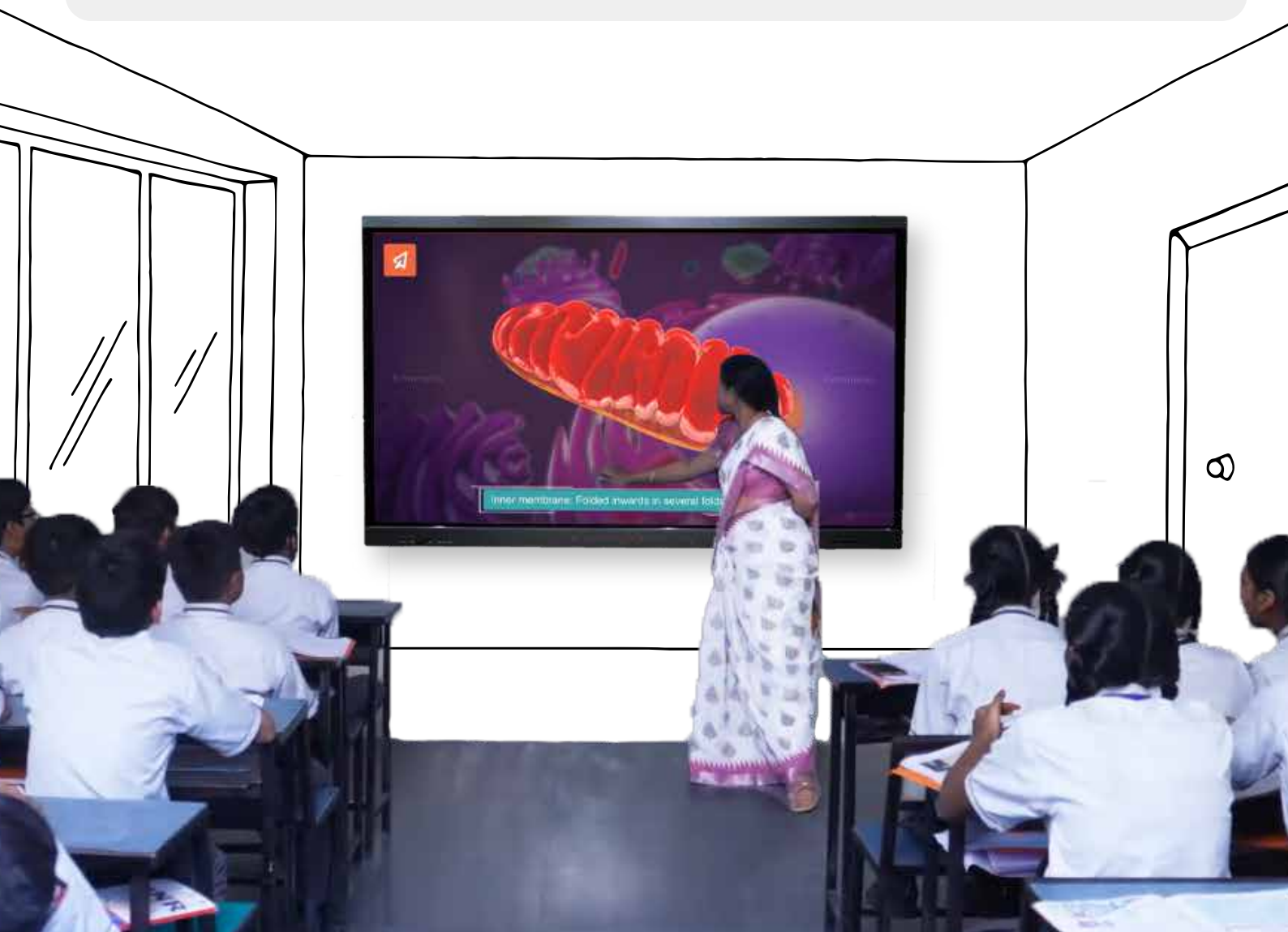


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PART 1

INTRODUCTION





Who is this guide for?

Educators, school administrators, and decision-makers, welcome to a transformative educational era.

This guide is our endeavour to empower educators like you with crucial insights and practical knowledge about smart classrooms. The need for smart classrooms is not just a trend but a necessity. In an increasingly digital world, equipping students with the skills and knowledge to succeed requires an educational environment that reflects the technological advancements of our times. Smart classrooms are the answer to preparing students for the future, providing them with an education that is relevant, engaging, and in tune with the digital era.

By understanding and implementing smart classroom concepts, you can revolutionise how education is delivered in your institution. This guide aims to change your perspective on education, emphasising the importance of interactive, engaging, and personalised learning experiences. It's designed not just to inform but to inspire and guide you towards making impactful changes that will benefit your students and your institution.

Furthermore, this guide is a testament to our commitment to enhancing education through technology. By sharing these insights, we aim to be part of your journey in transforming education for the better. We believe it's our duty to share this information because education is at a pivotal juncture. As educators and decision-makers, you play a critical role in shaping the future of learning.



But, do you even need this guide?

It's important to recognise that adopting smart classrooms isn't merely about upgrading to fancy equipment. It's about a fundamental shift in how education is imparted - enhancing how teachers teach, students learn, and how everyone collaborates. This transformation goes beyond staying trendy; it's about substantially bettering the education your school delivers and making it a competitive option.

So, before reading further, let's first evaluate if you actually need a smart classroom by understanding the challenges that you face in your school's current classrooms. To assist you with this evaluation, we've prepared a simple yet insightful quiz. Take the quiz and respond with a simple "Yes" or "No." Your responses will help you with two things:



1

Identify the need for improvement or upgrade

Understand the areas of improvement (teaching methodologies, assessment tools, etc.)

2



So, are you ready? Let's discover...

Are your classrooms performing to the best of their potential?

Respond to each question below with a straightforward 'Yes' or 'No'. While some questions might not have clear-cut answers, choose the one that best reflects your situation. Additionally, we encourage you to jot down any extra notes or thoughts alongside your responses. This will help you gain deeper insights into each aspect of your current educational environment.

1. **Resource Accessibility:** Do you find it challenging to decide what to include in a lesson plan given the multitude of available options?
2. **Performance Analysis:** Are you finding it hard to systematically evaluate teaching effectiveness and class-wise performance?
3. **Student Engagement and Retention:** Are you facing challenges in keeping students consistently engaged during lessons and are your students forgetting what was taught in the previous class?
4. **Assessment Tools:** Is paper setting and correction taking too much of your teachers' time and that is preventing them from taking frequent and necessary tests in class?
5. **Innovative Teaching Methods:** Are your teachers always looking for innovative ways for keeping the students engaged? (Examples - videos, and other formats like game-based education, in-class quizzes, powerpoints, flowcharts/info-graphics, personalised learning methods, etc.?)
6. **Evaluation & Attendance:** Is your admin/teacher bogged down by the task of creating report cards and keeping track of attendance?
7. **Collaborative Learning:** Is there a lack of tools to facilitate them to stay connected with parents seamlessly and make collaborative efforts to support the child's academic journey beyond just meeting once a term during PTM?
8. **Infrastructure Adaptability:** Does your school infrastructure struggle to adapt to new and evolving educational technologies?
9. **School Competitiveness:** Is keeping up with other technologically advanced schools a concern for your institution's reputation?



Evaluation key:

How many "Yes" answers - _____



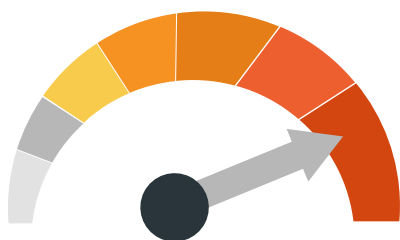
0-3 "Yes" Answers:

Your current setup may be meeting basic needs, but there's room for technological enhancement.



4-6 "Yes" Answers:

You are facing significant challenges that a smart classroom solution can address effectively.



7+ "Yes" Answers:

A smart classroom solution is highly recommended to transform and elevate your educational delivery and student engagement.

How did you fare?

If you answered "Yes" to 4 or more questions, it's great - you have now discovered the areas of improvement and even understood the challenges your classrooms face. It's time to discover a solution by delving deeper into the world of smart classrooms.

If you've answered "Yes" to less than 4 questions and didn't find any significant challenges, kudos! But, irrespective of your score, the next section of this guide may still be useful to you as it may help you enhance your understanding of smart classrooms. We have even put together a thorough analysis of traditional versus smart classrooms which may help you determine what incremental changes can be brought about.

PART 2

SMART

CLASSROOMS





The A to Z of smart classrooms

Moving a step further into the world of smart classrooms

Having explored the potential benefits of smart classrooms for your school, we now step into a more detailed exploration of their transformative impact. This chapter will guide you through everything from the fundamentals of what constitutes a smart classroom to the intricate roles these advanced learning environments play in daily educational activities. We've gathered all the insights you need to grasp the full scope of smart classroom technology and its benefits.

So what is a smart classroom, and why do schools need one?

A smart classroom is an advanced classroom that is equipped with modern educational technology tools such as digital whiteboards, projectors, tablets, laptops, and other multimedia devices. It is designed to provide a more immersive and interactive learning experience for students, making the learning process more engaging, interesting, and effective. These classrooms are built to incorporate advanced technological features and provide a modern learning experience for students.

One such example of a smart classroom solution is Extramarks' Smart Class Plus, which is an all-encompassing digital learning solution designed to improve the teaching-learning process.

Countries like the US, UK, and China have been early adopters of the concept of smart classrooms, and their education systems have benefitted from this technology. They have implemented digital tools like virtual reality, artificial intelligence, and gamification to enhance the learning experience of students. Similarly, it is crucial that schools in India also take advantage of this technology. Many schools have done so and seen great results for their staff, teachers and students. Smart classrooms not only enhance the learning experience but also help prepare students for the digital world and the ever-evolving job market.

Types of digital smart classrooms

Smart classroom equipment is categorised under three main types, each catering to diverse learning needs and objectives:

1. Standard smart classroom

A standard smart classroom is a teacher-led learning space equipped with fundamental technology, including a computer, interactive whiteboard, and projector. While teachers lead the class in a traditional setup, smart technologies empower students with more opportunities for interaction with the content, the teacher, and their peers.

2. Intermediate smart classroom

The intermediate version takes it up a notch. It includes everything in a standard smart classroom plus extras like a digital podium, laptops, and other digital devices. In this kind of classroom, there may not be enough devices for each student, so they are shared. This mix of teacher-led and independent learning is the focus here.

3. Student-led smart classroom

A student-led smart classroom is a fully integrated smart classroom where each student has personal devices and access to a range of educational technology, including virtual reality headsets, tablets, and laptops. This approach empowers students to engage with content on an individual level.

Advantages of smart classrooms

Modern smart classrooms are all about helping students become digitally literate, critical thinkers, and problem solvers. They put students at the centre, encouraging collaboration, creativity, and innovation.

These classrooms enable teachers to help students get more involved in learning by making the process interactive and engaging. This, in turn, makes it easier for students to understand complex ideas. Here are some of the benefits and advantages of smart classrooms:

1. Enhanced student engagement

Smart classrooms show things in a way that's interesting and captivating. Teachers can use projectors and interactive whiteboards to display images, videos, and animations that make lessons more engaging. With school solutions like Extramarks Smart Class Plus, students can interact with 3D animations, videos, and images to understand complex concepts better.

2. Improved student performance

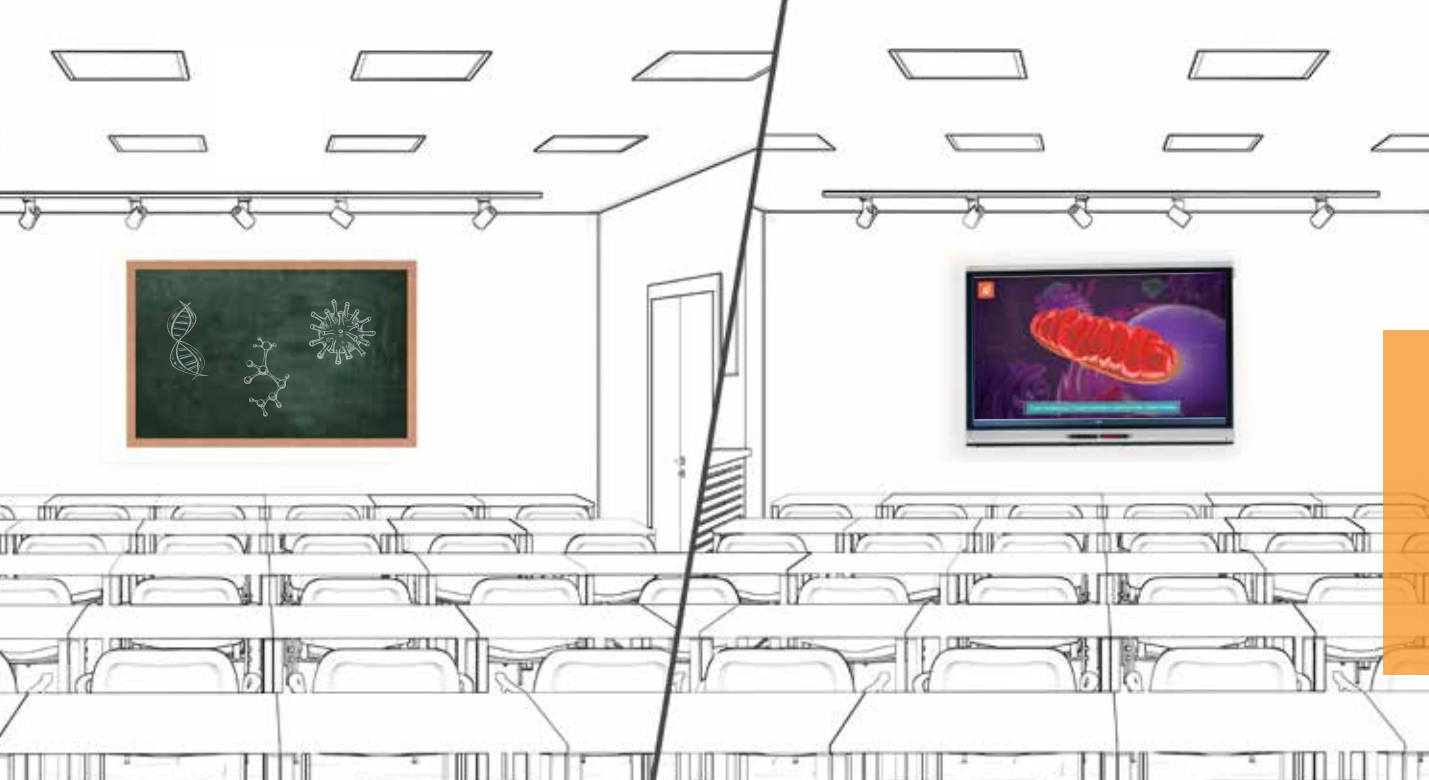
Smart classrooms improve student performance by allowing teachers to tailor their lessons to individual learning styles, promoting personalised learning. Students learn at their own pace, and due to the interactive and interesting format, they are able to understand and retain concepts better. Teachers can also assess students' progress in real-time and provide feedback to help them improve.

3. Access to abundant educational resources

Smart classrooms provide students with access to unlimited educational resources that can enhance their learning experience. With platforms like Extramarks Smart Class Plus, students have access to a vast library of multimedia resources that can be used to supplement classroom learning.

4. Enhanced teacher-student interaction

Smart classrooms take some of the work off teachers' shoulders by handling things like attendance and grading. This lets teachers spend more time teaching and interacting with students. Smart classrooms also give teachers interactive whiteboards, multimedia content, and educational software to create fun and dynamic lessons, which also aid in interaction between teachers and students.



Traditional classroom challenges vs smart classroom solutions

If you have reached this section of the guide, you probably have a more concrete understanding of smart classrooms and why there has been an acceleration in their adoption. Now, let's apply everything we know about smart classrooms to solve the challenges of a traditional classroom. This comparison will help you visualise the transformation a smart classroom can bring to your educational setting.

Traditional Classroom Challenges	Smart Classroom Solutions
Limited technology integration	Advanced tech integration with interactive tools
Low student engagement	Enhanced engagement through multimedia and interactivity
One-size-fits-all teaching	Personalised learning experiences for each student
Inefficient assessment methods (example: only testing for memory and not concept, application, etc.)	Efficient, multidimensional & hassle-free assessments and progress tracking
Predominantly traditional teaching methods such as only textbooks, blackboards, etc.	Innovative teaching with interactive and multimedia elements

Traditional Classroom Challenges	Smart Classroom Solutions
Difficulty accessing diverse resources	Easy access to a wide range of digital educational resources
Lack of collaborative tools	Tools and platforms for collaboration between teachers and to foster better parent-teacher relationships
Challenging performance analysis	Systematic evaluation and teaching effectiveness analytics
Outdated educational content	Regularly updated, curriculum-aligned content
Infrastructure rigidity; limited to only books, charts, etc.	Adaptable to new and evolving educational technologies such as games, PPTs, videos, flowcharts, etc.

Your takeaways from this chapter:

Let's quickly take you through a recap of this chapter in the guide:

01 Smart classrooms are **interactive learning spaces** equipped with digital whiteboards, projectors, and multimedia devices, designed to make **learning more immersive and engaging**.

02 Representing a **significant shift from traditional teaching methods**, smart classrooms integrate technology to enhance student engagement and educational outcomes.

03 There are **different types of smart classrooms: standard, intermediate, and student-led**, each tailored to various learning environments and needs.

04 From **fundamental tech setups** in standard classrooms to **fully integrated, student-centric environments** in student-led classrooms, these varieties **demonstrate the flexibility and adaptability of smart classroom designs**.

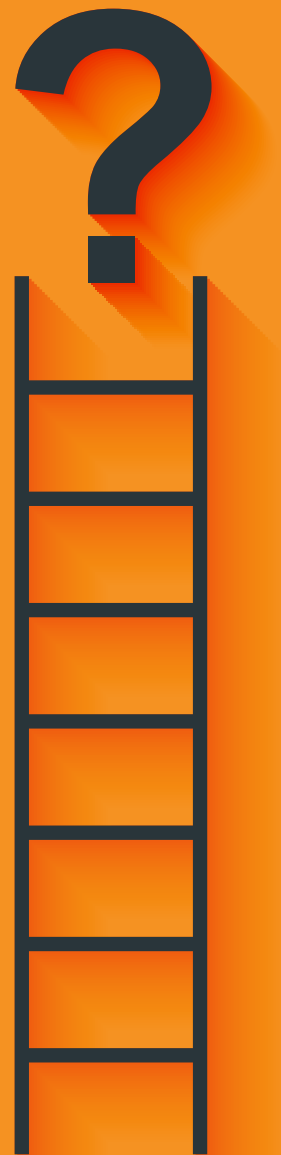
It's in these varied environments where solutions like Extramarks Smart Class Plus can truly shine, providing a comprehensive and tailored learning experience.

01 Key **benefits** of smart classrooms include **enhanced student engagement** through interactive learning tools, **improved performance** through personalised learning approaches, and more **effective teacher-student interactions**.

02 The **comparison between traditional and smart classrooms** underscored **how smart classrooms address the limitations of traditional classrooms** by offering modern, interactive, and efficient learning experiences, thus making education more relevant and adaptable to future needs.

What's next?

In the next chapter, we dive deep into real-world applications of smart classrooms through an insightful case study. Discover how MES International School, Pattambi embraced Extramarks Smart Class Plus to revolutionise their educational approach. This case study will not only highlight the transformative journey but also showcase the tangible benefits and outcomes of integrating smart classroom solutions. Let's explore how this institution tackled challenges, implemented strategic solutions, and emerged as pioneers in adopting advanced educational technologies.



PART 3

CASE STUDY



From theory to action: Extramarks Smart Classroom case study

MES School, Pattambi's adoption of Extramarks Smart Class Plus has revolutionized their educational approach, integrating advanced technology to create a seamless and enriched learning experience. This partnership not only improved academic performance but also positioned the school as a pioneer in adopting future-ready educational solutions.

Revolutionising Classroom Learning: MES International School Journey With Extramarks Smart Class Plus

MES School, Pattambi, known for its commitment to excellence in education, faced challenges with traditional teaching methods and student engagement.

Challenges:

Before adopting Extramarks Smart Class Plus, MES School faced several challenges:

- Limited student engagement with traditional teaching methods.
- Inconsistent academic performance across various grades.
- High reliance on external coaching for better understanding of subjects.

To address these challenges and enhance the learning experience, the school implemented Extramarks Smart Class Plus.

Implementation of the Solution: Extramarks Smart Class Plus

Extramarks Smart Class Plus is an advanced educational technology solution designed to enhance teaching and learning experiences. It offers interactive digital content, comprehensive assessments, and personalized learning paths, addressing the challenges faced by MES School.

Implementation Process

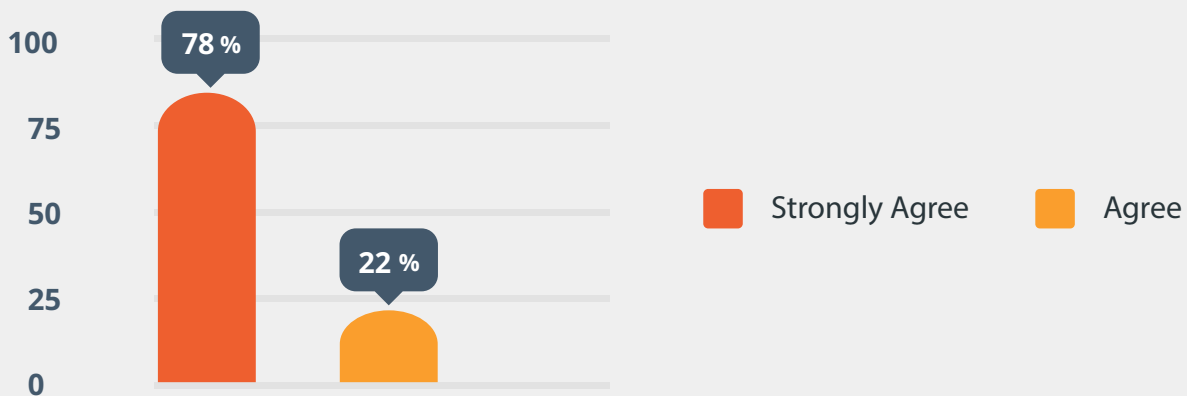
The implementation of Extramarks Smart Class Plus involved several steps

- Training sessions for teachers to familiarize them with the new technology.
- Initial setup of smart classrooms with interactive whiteboards and digital content.
- Continuous support and feedback mechanisms to address any issues during the transition

Impact on Teachers

- 78% of MES International teachers strongly agree that Extramarks Smart Classes help explain concepts better.

Do smart solutions help in explaining concepts to students in a better way?



- 67% of MES International teachers strongly believe that Extramarks Smart Classes help in improving class performance.

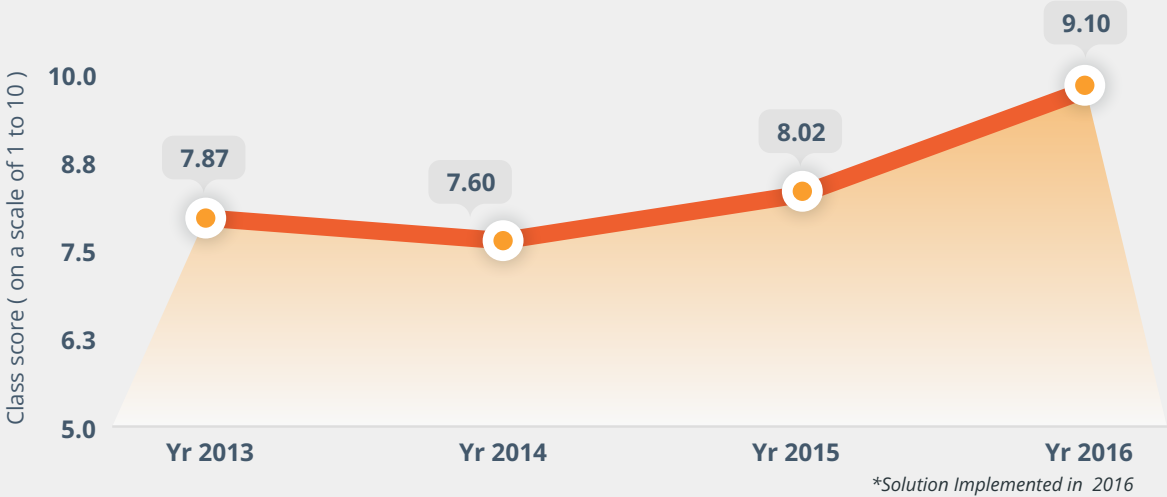
Do smart solutions help in increasing the over-all performance of the class?



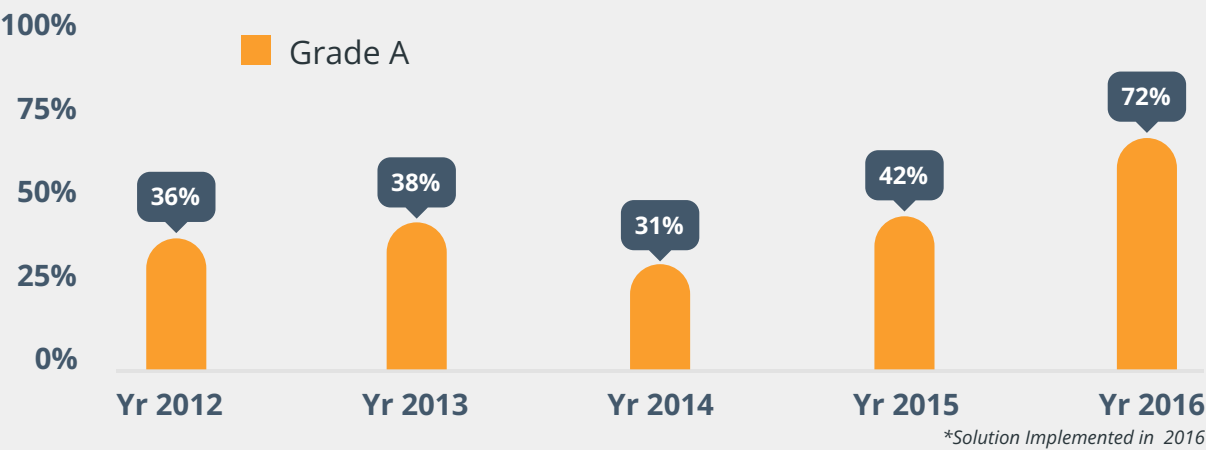
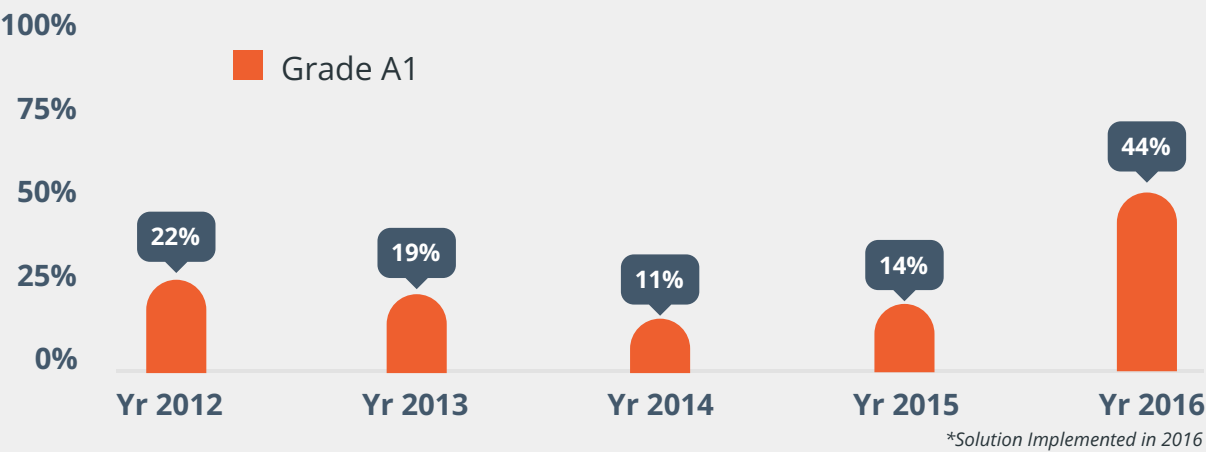
Impact on Academic Performance

- With the implementation of Extramarks, overall Class X performance has improved by 20%.

Class X performance over the years



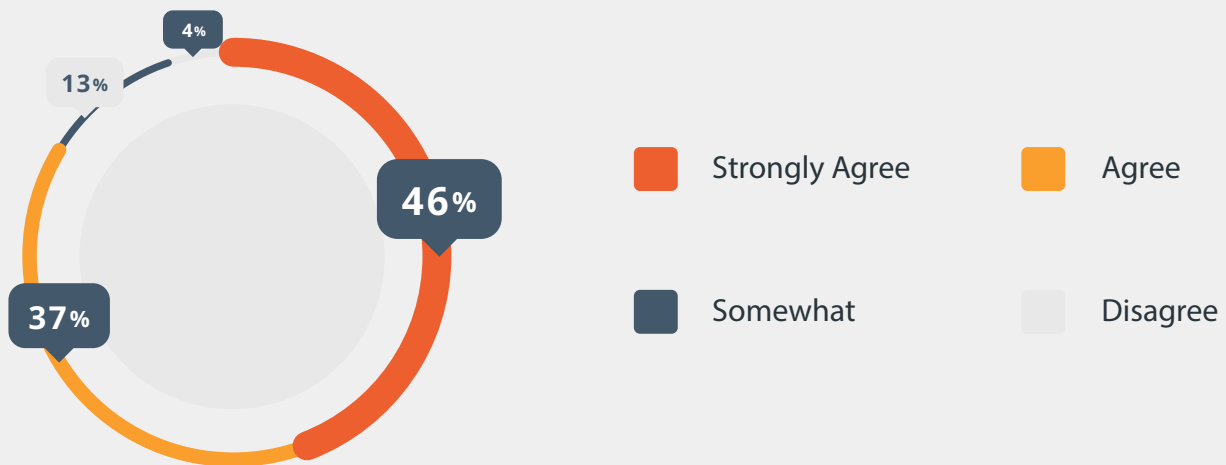
Class X students with A1 & A grade - Mathematics



Impact on Student Understanding

- More than 45% students in MES schools strongly believe that smart class solutions help them to understand subjects better than the Text book study.

Do you think the approach to education provided by your school helps you to understand subjects better than the text book study?



Conclusion

The adoption of Extramarks Smart Class Plus has significantly transformed MES International School, Pattambi. The advanced technology solution has improved both teaching and learning experiences, leading to better academic outcomes and higher student satisfaction. This transformation positions MES International School as a leader in future-ready educational solutions.

Future Plans

MES International School plans to further integrate technology in education by expanding the use of digital tools and resources. The continued collaboration with Extramarks will focus on enhancing personalized learning and achieving even higher academic standards.

**This research has been conducted by CHROME (India's largest research and data analytics company)*

PART 4

CHECKLIST





Bonus checklist: Things to consider when upgrading to a smart classroom

Before going to the BONUS checklist that we have put together, especially for your benefit, let's take a look at the challenges of implementing a smart classroom.

Challenges of implementing a digital smart classroom

Implementing smart classrooms comes with its unique set of challenges. It's crucial to recognise and address these to ensure a successful transition:

Infrastructure readiness

Many schools face difficulties with inadequate internet connectivity, network stability, bandwidth, and hardware capabilities. Preparing your school's infrastructure to support smart classroom equipment is vital.



Teacher training and support

Teachers must become proficient in operating smart classroom technology. Partnering with EdTech providers like Extramarks can provide essential setup, support, and training.

Financial investment

The cost of implementing a smart classroom is a significant factor. However, it's important to consider the long-term impact and benefits despite the initial financial commitment.



Privacy and security

Addressing data privacy and security concerns is key when integrating technology into education. It's important to choose solutions that align well with your existing infrastructure and learning management systems.

Implementing these solutions takes time and effort. With the right approach and support, these challenges can be effectively managed, paving the way for an enhanced learning environment.

We're not done yet - there's more!

So you know it all now - what are smart classrooms, their impact, benefits and even how they are practically used in a real scenario setup. But that's not all we want to leave you with. We don't want to leave you wondering what the plan ahead is and that's why, we've put together a BONUS printable checklist for you - a checklist of things to consider when implementing a smart classroom!

The purpose of this printable checklist is to ensure you don't miss any critical aspects while considering a smart classroom setup. Use it as a roadmap to navigate the complexities of implementation, evaluate your current resources, and align them with your smart classroom goals.

How to use this printable checklist:

Print
You can choose to print this checklist and keep it handy.

1



2

Assess
Put a tick against each point to assess your school's readiness.

Plan
Use the insights for strategic planning and decision-making.

3



4

Act
Take actionable steps based on the checklist to move forward.



Checklist: Things to consider when upgrading to a smart classroom

- ☐ Speak with your IT department and consider the compatibility of the smart classroom solution with your existing infrastructure.
 - Assess current network capacity, including internet speed and stability.
 - Determine if existing hardware (like computers, projectors) can support smart classroom tools.
 - Plan for any necessary software updates or system integrations to accommodate new technology.
- ☐ Ask a potential tech player or smart classroom solution vendor about customisation and scalability
 - Enquire about the flexibility of the solution to adapt to your school's specific educational goals and curriculum.
 - Confirm if the solution can be personalised per classroom or grade depending on the need.
 - Check for the ability to integrate with existing educational tools and platforms used in your school.
- ☐ Analyse institutional gaps for content alignment
 - Conduct a comprehensive review of current curriculum and teaching methods to identify areas for enhancement.
 - Discuss with the vendor how their content aligns with your educational standards and fills identified gaps.
 - Ensure that the solution offers a range of content and tools that cater to a diverse range of learners and teaching methodologies.
- ☐ Consider setting aside a budget for this technological upgrade
 - Evaluate the total costs involved, including hardware, software, and any necessary infrastructure modifications.
 - Explore potential grants, sponsorships, or budget reallocations that could finance the upgrade.
 - Consider the long-term benefits and ROI, planning for both initial costs and ongoing expenses such as maintenance and updates.



- ☐ Ensure a smooth transition for teachers and stakeholders with adequate training and support
 - Confirm the availability of comprehensive training sessions for teachers to adapt to smart classroom technology.
 - Check for continuous technical and pedagogical support offered by the provider.
 - Plan for engaging other school stakeholders, including administrators and parents, to ensure a smooth transition and adoption.

- ☐ Reach out to other institutions for user-friendly platform insights
 - Connect with schools that have implemented similar technology to gather feedback on user-friendliness for educators and students.
 - Consider arranging or attending demonstrations to experience the platform's usability firsthand.
 - Engage in online educational forums or communities to gather broader insights and experiences regarding the platform's user interface and functionalities.

- ☐ Tailor equipment choice to your school's size and capacity
 - Determine the specific technological needs based on classroom sizes, student numbers, and teaching methods.
 - Ensure the equipment and solutions can be scaled up or down based on future changes in school size or capacity.
 - Check if the chosen technology is accessible and usable by all students, including those with disabilities, to foster an inclusive learning environment.

- ☐ What kind of post-implementation support and resources does the provider offer to ensure smooth functioning?
 - Enquire about the provider's availability for ongoing technical support and maintenance services.
 - Understand the scope of training resources available for continued teacher and staff education.
 - Check for updates and continuous improvements in the technology to keep your setup current and effective.





☐ Touch upon data security and privacy with tech vendor

- Discuss and understand the data security measures and privacy policies of the technology.
- Ensure compliance with any relevant educational data protection regulations.
- Plan for how data security and privacy practices will be implemented and monitored in your school.

☐ Focus on how teachers can best utilise the technology

- Explore training opportunities for teachers to use the technology effectively in lesson planning and delivery.
- Encourage teachers to experiment with different types of content and assessment methods using the technology.
- Provide support for continuous learning and adaptation of teaching strategies to leverage new tools.

☐ Plan for regular maintenance and updates

- Schedule regular check-ups and maintenance for the technological equipment.
- Stay informed about updates to the software or content and plan for their timely implementation.
- Ensure a system is in place for prompt technical support and trouble-shooting.



PART 5

CONCLUSION



Do you feel empowered to make the switch to smart classrooms?

Dear Educator, School Administrator, or Decision-Maker,

As we close this guide, remember, every significant change starts with one bold step. And you've just taken it. This journey through our guide isn't just about learning; it's about envisioning and embracing the future of education.

Together, we've explored the untapped potential in your classrooms, unveiling how smart classrooms aren't merely a technological leap but a transformative shift in educational dynamics. These changes are not just about new gadgets; they're about revolutionising how we teach and learn, making education a truly immersive and engaging experience.

Reflecting on the journey of MES School Pattambi' with Extramarks Smart Class Plus, we got a glimpse into the real-world impact of smart classrooms. Their story, detailed in our case study, exemplifies the transformative power of integrating advanced educational technologies. It sets a precedent for what you can achieve, showcasing tangible results and reinforcing the potential of smart classrooms to revolutionise educational experiences.

And then, we equipped you with the Bonus Checklist. It's more than a list; it's your roadmap to navigating the smart classroom landscape, ensuring you're ready to implement these changes with confidence and clarity.

As you turn this last page, feel empowered. You're now armed with the knowledge and tools to integrate smart classrooms into your institution. You're prepared to lead a change where education goes beyond traditional methods, where learning inspires, engages, and prepares students for a rapidly evolving world.

Remember, this is just the beginning. You're not alone on this journey. Partners like Extramarks and their Smart Class Plus solution are ready to walk this path with you, providing support and guidance every step of the way.

Let's step into this new era of education together, shaping a brighter, more dynamic future for our students. The future is in your hands, and it looks incredibly promising.

PART 6

INTRODUCTION TO EXTRAMARKS



About Extramarks

Extramarks is a leading educational technology company, dedicated to transforming the learning experience with innovative and engaging solutions. With a strong presence in India and abroad, Extramarks has consistently empowered schools, coaching classes, and students, covering all subjects and following a curriculum-based approach since 2007. Our digital learning solutions cater to schools, coaching classes, and students, covering all subjects and following a curriculum-based approach. Extramarks Smart Class Plus which is our flagship product, is a reflection of our commitment to excellence and our unwavering focus on improving the education landscape.

In the hands of over

1 Crore students

worldwide and developed by

2000+ academicians & researchers,

our solutions are tried, tested, and

trusted by Millions

Introducing Extramarks Smart Classroom counsellors

Understanding the intricacies of smart classrooms and implementing them effectively can be challenging. That's where our Smart Classroom Counsellors come in. These trained professionals are your go-to resource for all things related to smart classrooms.

From understanding your unique requirements and providing tailored solutions, to training your teachers and offering post-implementation support, our counsellors are there to ensure a smooth transition. With us, you're not just getting a product. You're getting a comprehensive service that aims to revolutionise your educational practices.

Hear firsthand from schools like yours on their Extramarks Smart Class Plus experience:



“Our students and teachers are using Extramarks very effectively in our classrooms and we see that it is helping our students to understand the concept better and our teachers are becoming smarter.”

- **Joseph M Joseph, Principal, St. George's College, Mussoorie**

“So, 10 years ago when the school started, we ensured that every classroom has a smart board and the best of the teaching aid available, including audio visual modules, and that is what was provided by Extramarks and that has helped the teachers to convey the curriculum in a more interesting and a more gripping manner, especially in the last two years when the schools were virtually moved on to the online platform. The apps given away by Extramarks have been very helpful in continuing with the education.”



- **Sharad Tiwari, Principal, Mayo Chupasni School, Jodhpur**



“In the coming years we feel that we are very well placed to implement the National Education Policy (NEP) 2020 by leveraging Extramarks to prepare our students for specialised online and offline coaching for the colleges and universities that they would like to go to.”

- **Lt. Gen. Surendra Kulkarni, Retired Army Officer & Director, Mayo College, Ajmer**

This is my fifth year currently in Hilda's and I can definitely say that my learning is much better with Extramarks. So from the students' point of view, first of all I think smart boards enhance students' learning. It not only improves the way teachers teach but also improves the way students learn. Teachers don't have to worry about the attention span of the students as it keeps them focused and also if you're trying to go green, here's the chance - you don't have to keep anything in your hand whatever you want just store it and you will have it with just one click.



- Samyuktha, Student, St. Hilda's School, Ooty

...that's when I approached Extramarks...we were already working with them and they came on board, assisted my teachers. The entire month of May, they trained my teachers and June onwards we reopened school on the online platform. We wanted to move along into the pandemic without making any of the children feel the loss of curriculum or any academic gaps...It was seamless working because of the hand holding that Extramarks did with my teachers. The advantage has been that my teachers today are technologically very savvy.



- Neelu Lamba, Principal, Hiranandani Foundation School, Thane

Extramarks offers interactive student learning and it also keeps them engaged and motivated. Games, simulations and other multimedia resources make students get involved in their learning and it enhances the students' learning ability.



- Mrs. Flora, English Teacher, St. Hilda's School, Ooty

Extramarks Smart Class Plus: A complete learning solution

Extramarks Smart Class Plus is more than just a product. It is designed to meet the needs of new-age classrooms and provides a holistic learning experience for students, both in the classroom and beyond. With it, you get a unique classroom-to-home ecosystem, offering unparalleled value to students, teachers, and schools alike.

Here are some standout features of Extramarks Smart Class Plus:

Integrated platform: Experience a seamless academic ecosystem with our integrated platform, combining Smart Class, Assessment Centre, Teaching App, and Learning App.

Real-time updates: Effortlessly run ESC+ with internet access and enjoy real-time updated content.

Admin panel: Simplify management through the user-friendly admin panel, effortlessly handling student-teacher mapping, attendance, scheduling, and notifications.

Effortless assessments: Count on AI for effortless assessments, streamlining test creation, administration, and evaluation.

After-school connectivity: Stay connected with students beyond the classroom using our innovative platform, sharing class recordings and notes for continuous learning.

Self-study functionality: Enable students with practice questions, test solutions, and self-analytical test reports on the Learning App for self-study.

Other features that aid teachers in creating a holistic learning environment for students:

Interactive videos and games

Enhance classroom engagement and improve retention with pop-up quizzes, brain-teasers & simulations.



Class Recordings

Record and share lectures for students to view and review at their convenience.

Detailed Student and Class Reports

Track every test, quiz, and assignment to gain detailed insights into student performance & progress.

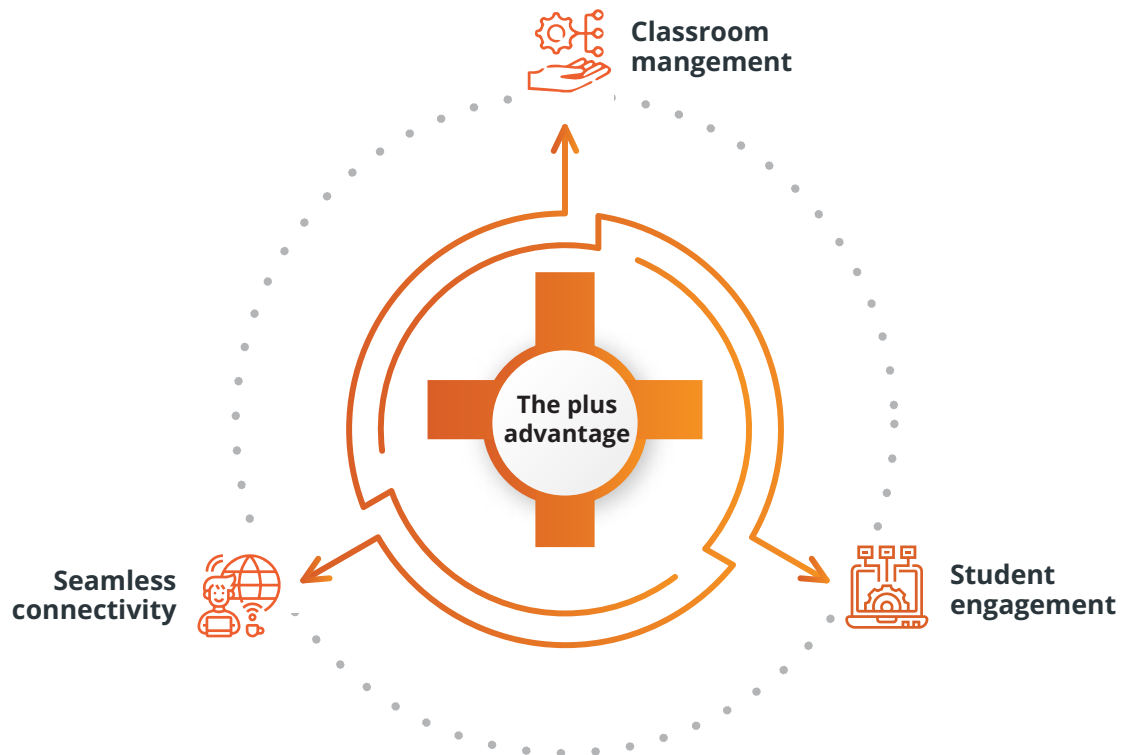


Bloom's Taxonomy Based Analytics

Pinpoint areas of struggle and get precise recommendations on areas of improvement.

Robust operational support

Our team of expert technicians provide hassle-free installation, ensuring seamless integration of state-of-the-art digital infrastructure into your classrooms. You also gain full access to our comprehensive software suite, with a dedicated maintenance and support team ready to resolve any issues promptly.



Take the next step with Extramarks

The future of education is here, and it's exciting. Are you ready to be part of it?

By choosing Extramarks Smart Class Plus, you're choosing a solution that doesn't just meet your current needs, but also evolves with you as your institution grows and changes.

Ready to learn more about Extramarks and what we can do for you? **Visit our website** or **get in touch** with one of our Smart Class Counsellors today. Your journey towards a smarter, more engaging, and efficient education experience starts here.



PART 7

FAQS



Frequently asked questions

1. Can smart classrooms completely replace traditional classrooms?

Smart classrooms are not designed to replace traditional classrooms entirely. However, they can significantly complement and enrich the learning experience by introducing students to new and innovative ways of learning.

2. Is it necessary for schools to invest in smart classroom technology?

The decision to invest in smart classroom technology depends on the unique needs and resources of each school. While it can significantly enhance the teaching and learning experience, its adoption should be tailored to specific educational goals.

3. Are smart classrooms expensive to set up?

The cost of establishing a smart classroom largely depends on the type and extent of technology implemented. Although the initial investment can be substantial, it often results in long-term cost savings through reduced paper consumption, increased operational efficiency, and improved student outcomes.

4. What are smart boards in a classroom?

Smart boards in a smart classroom are interactive whiteboards that seamlessly integrate with technology to enhance teaching and learning. They enable touch, writing, and multimedia functionalities, making lessons more engaging and interactive.

5. How do I set up a smart classroom?

To set up a smart classroom, you'll need to install digital devices, and they need to be connected to a central computer and relevant software.

Extramarks offers comprehensive training programs to help teachers effectively leverage smart classroom equipment. Through tailored guidance, we ensure that the technology becomes an asset rather than an obstacle to effective teaching.

Empowering schools

Through its learner-centric approach and 360-degree school solutions, Extramarks has transformed traditional classrooms into engaging, dynamic learning environments, earning the trust of over 15,000+ schools across the world.



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