



Smart Classrooms in Odisha

Fall 2025

Objective

The goal of this educational initiative is to establish a smart classroom at Saraswati Sishu Vidya Mandira in Jagatsinghpur, Odisha, providing students with access to modern technology and digital learning resources. This project, called **Smart Classrooms** in Odisha, aims to create more engaging educational opportunities and connect students with teachers, educators, and experts from India and around the world.



Give Earth a Smile

Challenges & Opportunities	<i>Give Earth a Smile</i> acknowledges that many students in rural and underserved communities in India experience limited access to modern educational technology, digital learning resources, and experienced teachers. Students in these communities can face barriers that limit their exposure to interactive learning and educational opportunities beyond their local schools. Technology and digital classrooms provide a powerful opportunity to help bridge these educational gaps and connect students with knowledge and educators from around the world. • Limited access to modern educational technology and digital learning resources. • Rural and underserved communities with fewer educational opportunities and resources. • Limited access to experienced teachers and specialized educators. • Lack of opportunities for students to connect with teachers, speakers, and experts beyond their local communities. • A powerful opportunity to use technology to create more interactive and engaging learning experiences. • Smart classrooms can enable students to participate in digital lessons and connect with teachers from other regions of India and around the world. • Schools and educational institutions can serve as centers for knowledge, technology, and opportunity within their communities.
Proposed Solution	To tackle these issues, <i>Give Earth a Smile</i> partnered with <i>Pudhiya Shakti</i> to establish a smart classroom at Saraswati Sishu Vidya Mandira in Jagatsinghpur, Odisha. The project aims to expand students' access to technology-enabled education and create opportunities for learning beyond the boundaries of their local community. Our solution includes: • Establishing a 75-inch digital smart board to support interactive and technology-enabled learning. • Providing a convertible whiteboard and smart board system with cubby storage spaces. • Providing 26 pairs of desks and benches to improve classroom infrastructure and accommodate approximately 52 students. • Providing a teacher's desk and additional classroom materials. • Funding the construction and development of the classroom. • Creating the foundation for future digital classes with teachers and educators from other parts of India and around the world. • Working toward bringing speakers and educational professionals into the classroom to share their knowledge and experiences with students.
Project Benefits	Students, teachers, and the community in Jagatsinghpur, Odisha will receive educational and technological benefits through improved access to modern classroom resources. The smart classroom will provide students with more engaging and interactive ways to learn while creating opportunities to access knowledge and perspectives from beyond their local community. By connecting students with educators, teachers, and speakers from different regions and backgrounds, the project aims to expand students' exposure to new ideas, subjects, and future opportunities. The project impacted 300+ students across 10 classes and was made possible through more than ₹333,000 raised by Give Earth a Smile. By investing in educational technology and classroom infrastructure, the project seeks to create lasting educational opportunities for students and strengthen the school's ability to provide modern, engaging learning experiences. The Smart Classrooms in Odisha project further advances the purpose of Give Earth a Smile: educating and empowering global citizens while creating meaningful and sustainable opportunities for underserved communities.



Project Overview

Give Earth a Smile aims at expanding access to technology-enabled education for students in rural and underserved communities in India through the establishment of smart classrooms.

Format: Establishment of a technology-enabled smart classroom at Saraswati Sishu Vidya Mandira in Jagatsinghpur, Odisha, including classroom construction, digital technology, furniture, and educational infrastructure. The smart classroom will provide students with access to interactive digital learning and create opportunities for future virtual classes and educational sessions with teachers, speakers, and experts from India and around the world.

Objective: To expand students' access to modern educational technology and digital learning resources, improve the classroom learning environment, and create opportunities for students to connect with educators and knowledge beyond their local community.

Target Groups and Schools

- **Primary Audience:** More than 300 students across 10 classes at Saraswati Sishu Vidya Mandira in Jagatsinghpur, Odisha.
- **Secondary Audience:** Teachers and school staff who will use the smart classroom and digital resources to enhance classroom instruction.
- **School Selection Criteria:**
 - Schools serving rural and underserved communities.
 - Schools with limited access to educational technology and digital learning resources.
 - Schools where students have limited access to experienced teachers and specialized educational opportunities.
 - Schools that can benefit from technology-enabled learning and virtual educational connections.



Overview of Implementation Phases

Phase 1: Planning and Coordination

Activities:

- Identify the target school
- Establish partnership with school and local partners
- Coordinate with Pudhiya Shakti
- Determine classroom requirements and project needs
- Develop project budget and fundraising goals

Timeline / Duration:

Planning and coordination prior to project implementation

Responsibility:

- Give Earth a Smile
- Pudhiya Shakti
- School Administration

Phase 2: Fundraising and Project Preparation

Activities:

- Raise funds for the project
- Secure more than ₹333,000 through Give Earth a Smile
- Finalize classroom design and infrastructure needs
- Procure digital technology and classroom materials
- Coordinate construction and classroom development

Timeline / Duration:

Approximately 1-2 months

Responsibility:

- Give Earth a Smile
- Pudhiya Shakti
- Project Coordinators
- School Administration

Phase 3: Classroom Construction and Installation

Activities:

- Construct and prepare the smart classroom
- Install the 75-inch digital smart board
- Install the convertible whiteboard and smart board system
- Install cubby storage spaces
- Provide 26 pairs of student desks and benches
- Provide teacher's desk
- Complete installation of classroom materials and technology

Timeline / Duration:

Approximately 1-2 months

Responsibility:

- Give Earth a Smile
- Pudhiya Shakti
- Local Project Partners
- School Administration

Phase 4: Classroom Use and Future Educational Opportunities

Activities:

- Introduce students and teachers to the smart classroom
- Integrate digital technology into classroom learning
- Use interactive digital resources to enhance lessons
- Develop opportunities for virtual classes with teachers from other regions of India and around the world
- Work toward bringing speakers and educational professionals into the classroom
- Evaluate the long-term educational impact of the smart classroom

Timeline / Duration:

Ongoing following completion of the project

Responsibility:

- School Teachers
- School Administration
- Give Earth a Smile
- Pudhiya Shakti
- Future Educational Partners and Speakers



Smart Classroom Project Plan

Activity 1: Establishing the Smart Classroom
• Objective: Create a modern, technology-enabled learning environment for students. • Description: Give Earth a Smile funded the construction and establishment of a smart classroom at Saraswati Sishu Vidya Mandira in Jagatsinghpur, Odisha. The classroom was equipped with a 75-inch digital smart board, convertible whiteboard and smart board system, cubby storage spaces, student desks and benches, and a teacher's desk. • Outcome: Students gain access to improved classroom infrastructure and modern technology that can support interactive and engaging learning.
Activity 2: Technology-Enabled Learning
• Objective: Expand students' access to digital educational resources and interactive learning opportunities. • Description: Teachers will be able to incorporate digital technology and interactive content into classroom instruction, allowing students to engage with lessons in new and more visual ways. • Outcome: Students have greater opportunities to engage with educational content and develop familiarity with technology as a tool for learning.
Activity 3: Connecting Students With Global Knowledge
• Objective: Expand students' educational opportunities beyond their local community. • Description: The smart classroom creates the foundation for future digital classes and virtual learning experiences where students can connect with teachers, educators, and experts from other regions of India and around the world. • Outcome: Students can gain exposure to new perspectives, subjects, experiences, and potential career paths while learning directly from individuals beyond their immediate community.
Activity 4: Speakers and Educational Professionals
• Objective: Inspire students by connecting them with individuals who can share knowledge, experiences, and expertise. • Description: Give Earth a Smile is working toward bringing speakers and educational professionals into the classroom through digital and virtual sessions. Potential speakers may share their experiences, knowledge, and insights with students to encourage curiosity and broaden their understanding of future opportunities. • Outcome: Students will have opportunities to learn from diverse educators and professionals, helping them explore new ideas and envision possibilities for their futures.