

Press release
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Press contact:

Jagori Dhar
Siemens Stiftung
Phone: +49 / 172 / 7215 736
jagori.dhar@siemens-stiftung.org

Project management:

Rajat Bagga
Education
Siemens Stiftung
rajat.bagga@siemens-stiftung.org

Indo-German collaboration advances education and innovation for school students in India

“STEM Education for Innovation: Experimento India” delivers free digital Open Learning Resources (OER). It is integrated into Siemens Limited’s Project Jigyasa to strengthen STEM (Science, Technology, Engineering, and Mathematics) learning outcomes in alignment with India’s National Curriculum Framework, promoting equitable access. At a high-level panel hosted by the German Embassy in New Delhi today, Experimento India and Project Jigyasa, a curiosity-based learning initiative of Siemens Limited, were acknowledged for their powerful complementarity in advancing the future-readiness of school students from weaker economic sections.

In 2024, Siemens Stiftung (Foundation) entered into a Memorandum of Understanding with Siemens Limited and Pratham Education Foundation to deploy Experimento India in schools and communities.

Targeted and tailored to the diverse needs of students from low-income communities, Experimento India’s OERs are available in English, Hindi, and Marathi. In 15 months, the platform has recorded more than 155,000 views, indicating strong engagement and uptake of the STEM learning resources.

Dr. Nina Smidt, CEO and Spokesperson of the Board at Siemens Stiftung, said: “Innovation in education needs to expand access by bridging divides. Co-developed by Indian STEM experts and teachers, the project now offers over 250 OERs in students’ mother tongues. By leveraging technology to provide open and locally relevant STEM learning resources, Experimento India is ensuring that every child, regardless of background, has an early head start to navigate and excel in the face of digital, societal, and environmental transformations.”

Advancing education and skills

To drive real systemic change, the project is implemented beyond the classroom, engaging teachers, parents and entire communities to create a true multiplier effect. Teachers are trained to effectively integrate OERs in Marathi and English into their lessons. By strengthening teachers’ capacity and involving parents to support learning at home, the initiative expands its impact far beyond individual schools.

Dr. Anantharaman Subramaniyan, Head – Strategy, Sustainability and CSR at Siemens Limited, said, “Building a scientific temper in the formative high-school years lays the foundation for lifelong learning. Skill development that drives economic progress is most effective when it builds on this early grounding. Education and skilling are long-term priorities for Siemens Limited, and are guided by a lifecycle approach towards education, skilling and employability.”

Partnerships enhance education equity

The project was spotlighted as a flagship model for strengthening STEM learning in students’ formative years at the strategic panel, **“Nurturing Scientific Talent in India: Indo-German Cooperation in Education,**

Innovation and Skills.” The German Ambassador to India, H.E. Dr. Philipp Ackermann, delivered the opening remarks on the panel, which convened leaders from government, business, academia, and civil society.

The panel, built on the Indo-German Comprehensive Roadmap on Higher Education, adopted by German Federal Chancellor Friedrich Merz and Prime Minister Narendra Modi in January 2026, identifying education, research, and skills development at the heart of the bilateral strategic partnership. The discussions underscored the role of technology in democratizing quality education and equipping students to lead in an AI-driven economy.

Experimento India is backed by over 30 years of Pratham’s experience in working with children. The foundation has actively worked to bring technology to transform children’s learning experiences.

Dr. Rukmini Banerji, CEO, Pratham Education Foundation, said: “We believe that having high-quality and accessible resources for STEM can significantly strengthen teaching and learning practices and outcomes in Indian classrooms. Pratham has had a productive partnership for Experimento India to contextualize and adapt STEM content for Indian conditions. We look forward to working together to integrate these resources into teacher training and classroom instruction.”

Further Information

Watch the project video:

<https://www.youtube.com/watch?v=eEor0g2oFDw&t=10s>

Siemens Limited, India, is a leading technology company focused on industry, infrastructure and mobility. The Company’s purpose is to create technology to transform the everyday, for everyone. By combining the real and the digital worlds, Siemens empowers customers to accelerate their digital and sustainability transformations, making factories more efficient, cities more livable, and transportation more sustainable.

Pratham Education Foundation is one of the largest NGOs in India, with a track record of innovative, rigorously evaluated programs that have inspired similar initiatives across three continents. Pratham’s journey began in 1995 in Mumbai with the mission: Every Child in School and Learning Well. From the slums of India’s biggest city to today’s presence in more than 26 states and union territories, our journey has been one of learning and scale—from evidence to practice, from small innovations to systemic reforms. Pratham’s work extends from programs for early and elementary years to initiatives for girls and women, and youth skilling. We reach 7 million children and youth in a typical year through a combination of efforts: working directly with children and youth in communities, as well as through collaborations with state and district-level governments.

Today, Pratham is committed to making schools and communities future-ready, where every child, youth, and woman has the education, tools, and opportunities to thrive in an ever-changing world.

<https://www.pratham.org/>

Siemens Stiftung

The non-profit, internationally operative Siemens Stiftung is committed to sustainable social development. Together with individuals and communities, we create opportunities to actively shape social and ecological transformation. Our work focuses on three areas of action: Essential Services, Digitality, and Climate, addressing challenges and harnessing them as opportunities for innovation and positive impact. Through our projects in Education, Social Entrepreneurship, and Culture, we facilitate access and participation, strengthen future-oriented competencies, and enable collaborative learning. With a focus on Africa, Europe, Latin America, and Asia/India, we connect local actions with global perspectives to cultivate resilience, social cohesion, and regenerative practices.

The world is evolving. Let's shape it. Together.

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