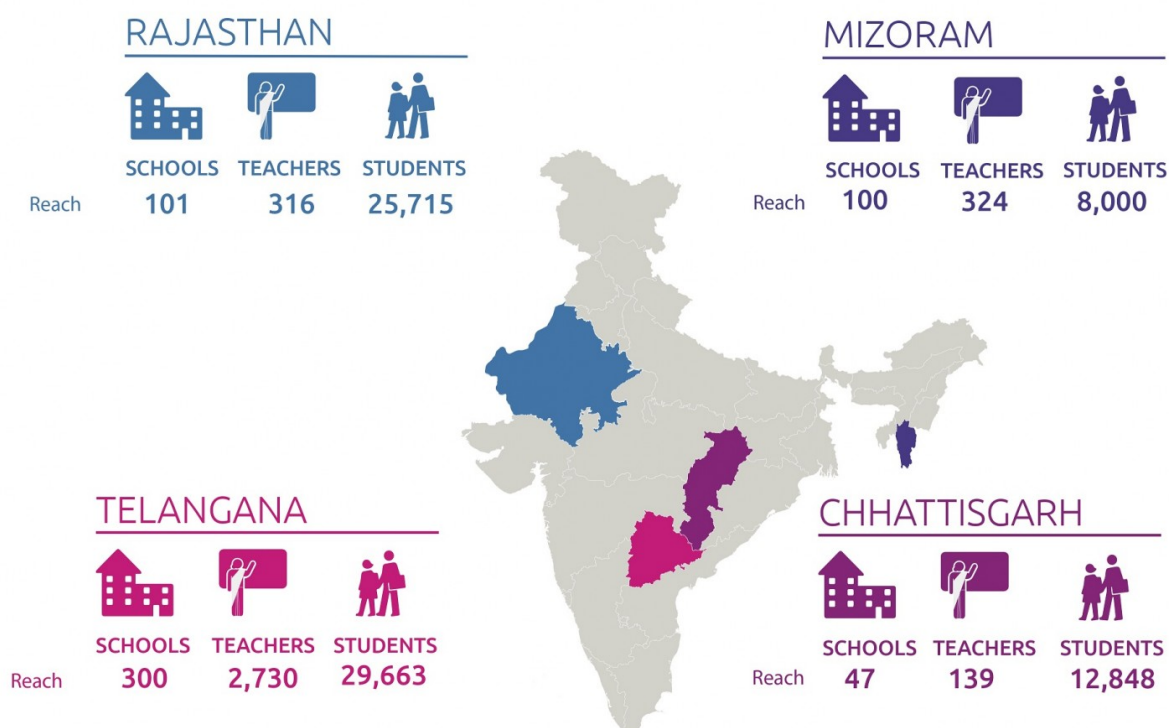# About CLIx

Connected Learning Initiative (CLIx) is seeded by the Tata Trusts in collaboration with Tata Institute of Social Sciences (TISS) and Massachusetts Institute of Technology (MIT). This project won *UNESCO's prestigious 2017 King Hamad Bin Isa Al-Khalifa Prize & Open Education Consortium's OER Collaboration award for Excellence 2019,* under the category resources, tools and practices. CLIx has been working to improve teacher professional practices and student learning through the use of ICT-enabled Open Education Resources (OER). Driven by Tata Trusts' commitment to serving disadvantaged communities in India, CLIx draws on MIT's and HBCSE's expertise in platform-based, blended-learning and interactive technologies in education, and TISS' experience of impactful field action research program for underserved and marginalized communities in school and teacher education to ensure equitable access to educational technology and opportunities to improve learning outcomes.

RAJASTHAN

	SCHOOLS	TEACHERS	STUDENTS
Reach	101	316	25,715

MIZORAM

	SCHOOLS	TEACHERS	STUDENTS
Reach	100	324	8,000

TELANGANA

	SCHOOLS	TEACHERS	STUDENTS
Reach	300	2,730	29,663

CHHATTISGARH

	SCHOOLS	TEACHERS	STUDENTS
Reach	47	139	12,848

* As on 30 Nov 2019

Figure 1: Reach of CLIx in various states of India

CLIx offers high-quality interactive and technological enabled STEM (Science-Technology Engineering-Mathematics & Communicative English) resources to secondary school students, professional development for their teachers and support to maintain and use ICT labs in school.

Teacher Professional Development is available through professional communities of practice and the blended Post Graduate Certificate course in Reflective Teaching with ICT. Resources for students have been designed to be interactive, foster collaboration and integrate values and 21st century skills, aligned to the pedagogic vision of the National Curriculum Framework 2005. These are being offered to students of secondary government schools in Chhattisgarh, Mizoram, Rajasthan and Telangana in Hindi, Telugu and English, in close partnership with the state governments. The initiative has partnered with the governments of Rajasthan, Mizoram, Chhattisgarh, and Telangana to work in government high schools with students and teachers. It has also collaborated with a number of organizations for curriculum development and implementation. These include Eklavya (Bhopal), Homi Bhabha Centre for Science Education (Mumbai), Mizoram University (Aizawl), Tata Institute of Fundamental Research (Mumbai), National Institute of Advanced Studies (Bengaluru), State Council of Educational Research and Training, Raipur (Chhattisgarh), State Council of Educational Research and Training, Hyderabad (Telangana), Tata Class Edge (Mumbai), and the Inter-University Centre for Astronomy and Astrophysics (Pune).

Video 1: Overview of CLIx

The CLIx modules integrate select concepts, topics or skills from subject areas, chosen in collaboration with teachers, teacher educators and academic experts through state-wide workshops and consultations that were conducted in 2015-2016. Guided by the philosophies of constructivism and constructionism, CLIx offers students opportunities to work in a hands-on manner to construct knowledge in active ways, and enhances the prospects of professional development for teachers in their respective subjects through the use of ICT. This document provides an overview of the vision and journey of CLIx. It gives a glimpse of technology in CLIx, the pedagogies and approaches of the student and teacher modules in Digital Literacy, English, Mathematics, Science and Values, the implementation processes, continuous teacher professional development, collaborations and partnerships that have enabled the presence of CLIx in the Indian schoolrooms and the action research accompanying and supporting the program. In short, it is the story of the birth and growth of CLIx over the last few years of its implementation.

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