CLIx Newsletter

CONNECTED LEARNING INITIATIVE

*Winner of the 2017 UNESCO - King Hamad Bin Isa Al-Khalifa prize for **Use of ICTs in Education***

*Winner of **Open Collaboration Awards for Excellence 2019** from Open Education Consortium*

An initiative seeded by TATA TRUSTS

Led by TISS and Massachusetts Institute of Technology

CLIx launches Open Educational Resources in English, Hindi & Telugu

CLIx Open Educational Resources (OER) website (clixoer.tiss.edu) was launched on 6th December 2019 by Prof Shalini Bharat (Director, TISS).

She appreciated the project for focusing on the urgent issues of teacher empowerment and improvement of learning opportunities provided to students from the marginalised communities. Mr. Satyajit Salian, Head of Education at Tata Trusts, that has seeded this initiative, congratulated the CLIx team for successfully working towards equity for all children by creating opportunities for active learning through quality intervention.

The CLIx OERs are released under Creative Common licence which anyone can use, remix, modify and adapt. The Website (clixoer.tiss.edu) has over 100 hours of digital resources, interactives and tools for Science, Mathematics and communicative English in Hindi, Telugu and English.

Findings from the CLIx research show significant learning gains in class IX students who used CLIx resources in an ICT Lab facilitated by a teacher who has been a part of the programme for 3 years. The gains were significant for girls and SC-ST where the access to ICT lab enabled increased active learning opportunities and enhanced the quality of learning.

The exhibition held post the launch in the open space on the TISS Campus celebrated open learning, showcased student artefacts from the field and allowed visitors to actively engage with the CLIx modules ask questions of the module designers.

Current Status of
CHHATTISGARH

SCHOOLS	TEACHERS	STUDENTS
47	139	12,848

Field Story

An intervention can be made effective with the support of all stakeholders in the process of implementation. This was evident in the case of Govt. H.S School Gopalpuri where the ICT lab was dysfunctional for a very long time. Despite repetitive efforts and consultations with the school principal and teacher it was a challenge to achieve positive results due shortage of funds for the repair of ICT Lab. In order to solve this issue, it was suggested that the matter be discussed with the school management committee (SMC) which generally has some funds for school maintenance purpose. The principal held discussion with the SMC members and they agreed to provide some funds, resulting in activating ICT lab to some extent. Though, the lab is not fully functional there has been an improvement. The broader objective of involving all stakeholders in taking ownership in the improvement is first step of many to come in this direction.

Activities on field:

1. Module Roll-out in Schools
2. Hands on Activities by Teachers with their students
3. RPs are engaged in RTICT course in their electives.
4. CLIx OER was tested in one of the schools.
5. MoU finalization of RTICT course for 100 RPs

Current Status of
TELANGANA

SCHOOLS	TEACHERS	STUDENTS
300	2,730	29,663

Field Story

It gives me immense pleasure to share my experiences regarding the implementation of CLIx as a Teacher Educator, a classroom practitioner and a participant on the online course for professional development. My experience of conventional training programs was one where the resource persons were active and we as participants largely remain passive. The CLIx experience however was very different - it is often run in a vibrant and jubilant mode. As a participant on the online course (RTICT) conducted by the TISS, I changed my way of teaching, assessing and evaluating my students.

My school, ZPHS Shaipet adopted CLIx earlier this year and I must say the CLIx team has breathed new life to the computer lab with their innovative use of technology. Our lab with the computers permanently in sleep mode was like a graveyard earlier but is now a bustling centre of activity. I made the students of class 9 get well versed with the software and hardware components of the computer lab thereby it became a student maintained the lab. I trained only the class 9 students and they in turn, handhold and guide students of class 8. There has been a trickle effect and we see even class 6 and 7 students being initiated into the lab and its activities by senior students. This year, the students are imparting training to class 3 to class 5 students of primary school.

CLIx is a thoughtful program for the integrated learning of language, mathematics and scientific skills. Most importantly it provides a platform for developing 21st century skills. CLIx tasks effortlessly promote collaborative learning among the students. They also encourage students to be independent to a large extent and take charge of their learning. We see this student autonomy coming through in small ways in how students take initiative to maintain the lab, connect the computers and troubleshoot the problems that occur during their learning. They are well versed with typing skills and recording skills as well.

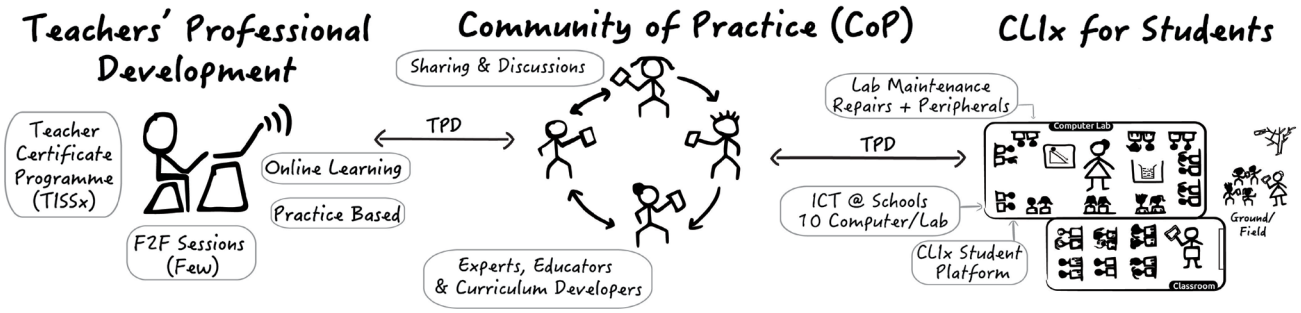
After implementing CLIx, I found the children are enthusiastic and they overcome their problems themselves unknowingly. It gives individual opportunity to each child and it has scope for self evaluation. Frankly speaking the artificial intelligence these computers bring into our school is only enhancing human intelligence. It is not an obstruction to regular studies. I am truly fortunate to be one of the Teacher Educators for English in the state of Telangana. CLIx has helped us teachers transform from being hardware teachers (using the blackboard) to being teachers who understand the potential of integrating technology by placing the software directly in the hands of our students..

Ravi Kumar Kola
School Assistant (English),
ZPHS Shaipet, Dharmasagar, Warangal

Activities on field:

1. Module Roll-out in Schools
2. HM Orientation in Warangal rural

About CLIx



The Connected Learning Initiative (CLIx) is a technology enabled initiative at scale for high school students. The initiative was seeded by Tata Trusts, Mumbai and is led by Tata Institute of Social Sciences, Mumbai and Massachusetts Institute of Technology, Cambridge, MA USA. CLIx offers a scalable and sustainable model of open education, to meet the educational needs of students and teachers. The initiative has won UNESCO's prestigious 2017 King Hamad Bin Isa Al-Khalifa Prize, for the Use of Information and Communication Technology (ICT) in the field of Education and OER collaboration award for excellence 2019.

CLIx incorporates thoughtful pedagogical design and leverages contemporary technology and online capabilities. Resources for students are in the areas of Mathematics, Sciences, Communicative English and Digital Literacy, designed to be interactive, foster collaboration and integrate values and 21st century skills. These are being offered to students of government secondary schools in Chhattisgarh, Mizoram, Rajasthan and Telangana in their regional languages and also released as Open Educational Resources (OERs).

Teacher Professional Development is available through professional communities of practice and the blended Post Graduate Certificate in Reflective Teaching with ICT. Through research and collaborations, CLIx seeks to nurture a vibrant ecosystem of partnerships and innovation to improve schooling for underserved communities.

Explore CLIx

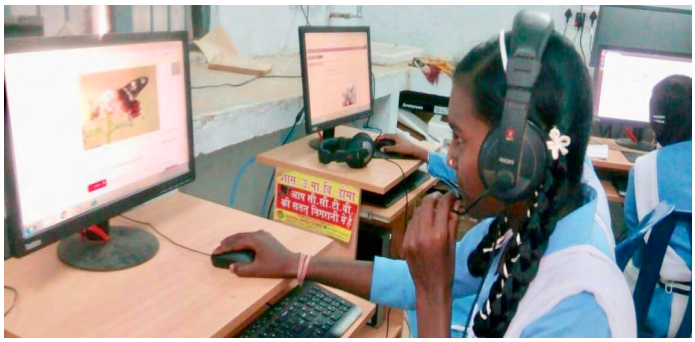
CLIx OER:
https://clixoer.tiss.edu/

Post Graduate Certificate in Reflective Teaching with ICT:
https://www.tissx.tiss.edu/

Publications:
https://clix.tiss.edu/research/publications/

Releases:
https://clix.tiss.edu/research/releasesmodules/

Blogs: https://clix.tiss.edu/news/



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