

# CLIX Newsletter

CONNECTED LEARNING INITIATIVE

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

An initiative seeded by

TATA TRUSTS



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Massachusetts  
Institute of  
Technology



## Voices from the Field

Raju Sambari,  
Field resource coordinator,  
Warangal district,  
Telangana



### Students ADOPTING CLIX in Warangal

In Warangal district, Telangana, the CLIX project has converted dusty computer labs into fully functional ones for the students

Being on field for 2yrs, I feel students have adopted CLIX very well. Before CLIX, the computer labs were inaccessible to the students and teachers were also scared to use them. Now students are also using these labs in their free time.

Recently when I walked into a school in Narsampet village, a bunch of students surrounded me. They were happy as they knew that now they can access the computer lab for a longer time period than usual. Even though they have digital classes, CLIX is the only activity which gives interactive modules and students like using them.

Students are really enjoying working on the computers and they are very enthusiastic and fast. They are able to learn hardware issues. So, in Warangal students are Adopting CLIX and they are becoming Junior Techies!



#### Current Status of TELANGANA



SCHOOLS  
300

TEACHERS  
2,366

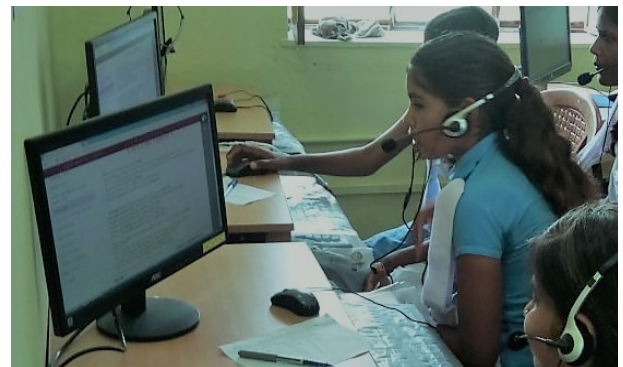
STUDENTS  
18,013

श्री लक्ष्मीकान्त कौशिक,  
प्रधानाध्यापक,  
राजकीय बालिका माध्यमिक विद्यालय,  
शीतलामाता (चाकसू), जयपुर



### शैक्षणिक गुणवत्ता में सुधार का प्रयास - क्लिक्स कार्यक्रम

हमारे विद्यालय में आईसीटी तृतीय फेज के अंतर्गत संचालित कम्प्यूटर लैब है जिसमें तकनीकी आधारित विषय अध्यापन की योजना क्लिक्स का सफलतापूर्वक क्रियान्वयन किया जा रहा है। इसके अंतर्गत विद्यार्थियों को अंग्रेजी, गणित व विज्ञान विषयों में कुछ मोड्यूल के माध्यम से शिक्षण कार्य करवाया जाता है। विषय विशेषज्ञों द्वारा तैयार इन मोड्यूलों की विधा ऑडियो/विडियो आधारित होने से बच्चों को विषय बहुत ही सरल, रुचिकर एवं अधिक समझ बढ़ाने वाले लगते हैं। हालांकि अभी तक कुछ पाठ्य सामग्री पर ही मोड्यूल उपलब्ध हुए हैं। क्लिक्स योजना में शामिल इन मोड्यूलों को आधार मानते हुए अध्यापकों को चाहिए कि वे अन्य अध्यापकों को भी वैसे ही पढ़ाने का प्रयास करें ताकि क्लिक्स कार्यक्रम की सोच सम्पूर्ण पाठ्य सामग्री तक विस्तारित हो सकें। अगर ऐसा किया गया तो शिक्षा के स्तर में गुणात्मक सुधार के साथ-साथ शिक्षा की गुणवत्ता में भी सुधार आयेगा।



#### Current Status of RAJASTHAN



Government of Rajasthan



SCHOOLS  
101



TEACHERS  
316



STUDENT  
25,715

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गरिमा,  
छात्रा- कक्षा ११,  
राजकीय उच्च माध्यमिक विद्यालय,  
जोरातराई, धमतरी



## CLIX के बारे में हमारी सोच

हम सभी यही चाहते हैं कि कुछ नया सीखकर वह अपना भविष्य उज्ज्वल कर सकें। सीखने की इस कड़ी में तर्क वितर्क भी एक अहम भूमिका निभाता है। तर्क लगाने से हम उस विषय या वस्तु के बारे में हम ज्यादा बेहतर तरीके से सीख सकते हैं। कुछ ऐसी ही इच्छा लेकर हमने CLIX क्लास 9th में स्टार्ट किया था, आज हमें इसे करते हुए करीब 3 साल हो गए हैं। सबसे पहले हमने इसमें पुलिस स्वचाड मिशन बहुत रुचि से खेला, इसके कुछ-कुछ पहलियों को कठिनाई से पार किया तो कुछ को आसानी से और सफल भी हुए। थोड़ा सा तर्क लगाओ और अपने अन्दर इच्छा जागृत करो तो सब हो जाता है CLIX जीवन से जुड़ा हुआ पार्ट है जो कोशल को आगे बढ़ाने का एक नया रास्ता देता है। पहले किसी चीज को देखते थे तो उसकी सुन्दरता पर मोहित होते थे लेकिन अब हम ये सोचते हैं की ऐसा क्यों दिखाई देता है? ऐसा क्यों होता होगा? CLIX से सीखकर अब हमें नये-नये चीजों को जानने की इच्छा शक्ति बढ़ गयी है।



### Current Status of CHHATTISGARH

SCHOOLS 47  
TEACHERS 139  
STUDENTS 10,148

F. Lalruatfela,  
Project Coordinator,  
CLIX, Mizoram



## Journey of CLIX

The CLIX Mizoram Team had completed writing and consolidated the report of CLIX interventions in Mizoram from Day 1. Reports regarding roll outs, teachers training, TE trainings, the commitment of the Department of School Education, Mizoram were mentioned.

The North East CSR summit took place in Guwahati and involved panel discussions on various themes like health, sports, agriculture and education. Also, there were 23 stalls showcasing innovative products related to the above-mentioned themes. CLIX team had also put up a stall where participants were briefed and given hands-on experience of CLIX platform. The Team is constantly preparing, making plans and looking for a better future of CLIX in Mizoram.

"If CLIX goes on, it can change the way of learning in a better way in Mizoram" was the comment gave by Miss Esther of Govt. Durtlang HS, hoping that CLIX can be carried out in the ideal way in future.



### Current Status of MIZORAM



SCHOOLS  
100



TEACHERS  
324



STUDENTS  
6,300



COLLABORATION



LEARN FROM MISTAKES



AUTHENTIC



## Blog of the month

### Experiences as an assistant media producer

(01.04.2019)

Shiva Thorat,

Assistant Media Producer,  
Connected Learning Initiative

Working in CLIX as an assistant media producer has helped me understand the work and commitment it takes to bring about inclusive and sustainable awareness through education. Through the years, I've been trained to shape my content production based on how it plays out in the context of our schools. I've been with CLIX for almost three years now and I've traveled to all our regions and interacted with various stakeholders. Every State has provided me with a set of unique experiences. I'd like to share some of those experiences and my reflections based on them.

When I first visited Sirohi, Rajasthan, it was to document a teachers workshop. CLIX's various domain teams were familiarising the teachers with what implementation for CLIX in the following year will be. One of the teachers raised a major concern. He was a little reticent about media and technology and he wanted to discuss what will happen if media and technology intervene in schools of Rajasthan. In short – he was worried teachers will be replaced! I saw CLIX team step in and comfort him that we want just the opposite of that. Teachers must very much lead the teaching learning process and that technology will aid this process. And we want to provide 21st century skills for their own professional development.



When I visited Dhamtari district of Chattisgarh State for documenting the Learning Outcome study, I was able to witness first hand conversations that students have on how media engages them to learning and provides a richer experience. It excites me how students use CLIX objects as a resources for the real world. Teacher in Dhamtari happily expressed student are able to see the connection between what they learn in CLIX classroom and how they can use their gained knowledge in a society.

**[Read more](#)**



## Tech Assist

### Online forums

During the last six issues of TechAssist we covered a range of best practices, troubleshooting methods and ICT skills to ensure that the school ICT lab is well maintained. The attempt was to cover some of the frequently occurring challenges in the ICT lab. It is useful to note that the type and nature of tech challenges also depend on various local factors such as hardware equipments, software versions, lab ambience, geographical location etc.

The internet enables people to share their concerns as well as knowledge and learn from each other through forums. Below are some useful online forums to look for solutions/ask questions related to everyday ICT challenges and issues.

**1. <https://www.wikihow.com>**

Offers simple and graphically rich explanations of almost every how under the sky included many ICT related topics.

**2. <https://www.howtogeek.com/>**

An online technology magazine where advanced users explain about technology know-how in simple language.

**3. <https://www.quora.com>**

One of the largest online knowledge sharing forum for diverse topics. It's user voting mechanism allows credible and authentic knowledge to emerge and become prominently visible.

**4. <https://stackoverflow.com/>**

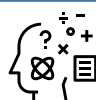
One of the largest technology discussion forum more suitable for advanced users.

**5. <https://stackexchange.com/>**

A network of online discussion forums discussing "hot questions" on a variety of subjects including technology.

**6. <https://askubuntu.com/>**

A dedicated forum to find solutions for Linux-based Ubuntu operating system.



## Research

### Augury of Implementation: A Case of Implementation through MIS coordinators in schools of Telangana State

*Spoorthi Nidhuram, Christy Jacob Mathews, Raju Sambari, Ramesh Nagula, Shashank Parimi, Radhika Ajit, Praveen Allamsetti and Santhosh Miriyala*

This study explores qualitative experiences of Management Information Systems (MIS) coordinators and Field Resource Coordinator (FRCs) working on Connected Learning Initiative (CLIX) project, among 13 districts of Telangana state.

**[Read full Paper](#)**

This section features recent studies in the field of education published by our CLIX team who work in tandem with the Centre for Education, Innovation and Action Research (CEIAR).





## Explore CLiX

### CLiX offerings:

<https://demo-clix.tiss.edu/>

### Post Graduate Certificate in Reflective Teaching with ICT:

<https://www.tissx.tiss.edu/>

### Publications:

<https://clix.tiss.edu/research/publications/>

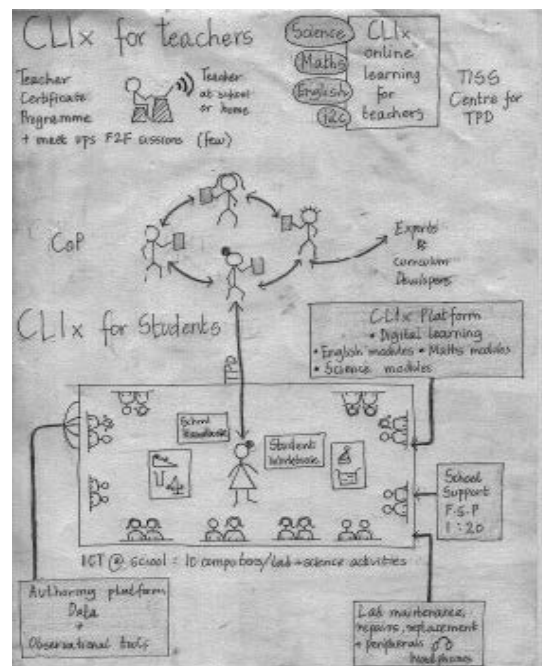
### Releases:

<https://clix.tiss.edu/research/releasesmodules/>

**Blogs:** <https://clix.tiss.edu/news/>



## 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.

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 21<sup>st</sup> 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.



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