Taking the next leap: From a thousand to a Million students

Computershiksha
....Bridging the Digital Divide

www.computershiksha.org
Our Vision & Mission

Vision
To see everyone in the world computer literate

Mission
To provide Computer Knowledge and Training with passion and commitment, to deliver Value in the form of Computer trained people, who use this skill for the betterment of their lives in every possible way.
• **Started in May 2012, with 60 students in Gurgaon**
• **Founded by ex-corporate leaders**
• **Currently ~1200 students**
• **Professionally managed by founders**
  – 66 week curriculum designed by experts
  – Institutionalized processes to deliver consistently
  – Wide base of individual and corporate donors, with deep ongoing engagement

**Operational costs: under Rs 200 per student per month**
Journey till now ... Model 1

May 2012
15 laptops
60 students
1 school
2 days a week

5th May 2012
15 laptops
60 students
1 school
2 days a week

April 2013
32 laptops
500 students
3 school
6 days a week

July 2013
2nd node starts
1000 students

May 2013
Invited to National Digital Literacy Mission summit

June 2015
First batch of e-learning lessons uploaded on the Youtube channel and a Playlist Created

September 2014
Donates 8 lakhs.

October 2014
UNESCO Delhi invites Computer Shiksha to Annual Conference

November 2014
UNESCO Delhi invites Computer Shiksha to Annual Conference

December 2013
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March 2015
268 students

April 2014
77 Class XII students (44 boys + 33 girls) graduate

Jan 2014

E-learning project kicked off

January 2016
Invited to National Digital Literacy Mission summit

Computer Shiksha
Active 1 week ago • 22 Computer Shiksha is ar working towards compi

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Current Operational Model 1

Each Node caters to 3 schools, and covers 600 students

**Node 1: 629 students**

<table>
<thead>
<tr>
<th>Day</th>
<th>School</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon</td>
<td>Sankalp School DLF</td>
<td>148</td>
</tr>
<tr>
<td>Tue</td>
<td>Phase I Gurgaon</td>
<td></td>
</tr>
<tr>
<td>Wed</td>
<td>Govt. Middle School, Choma Village</td>
<td>240</td>
</tr>
<tr>
<td>Thur</td>
<td>Sector 14, Gurgaon</td>
<td></td>
</tr>
<tr>
<td>Fri</td>
<td>Govt High School, Islampur, Gurgaon</td>
<td>241</td>
</tr>
<tr>
<td>Sat</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Node 2: 606 students**

<table>
<thead>
<tr>
<th>Day</th>
<th>School</th>
<th>Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mon</td>
<td>Govt. Secondary</td>
<td>263</td>
</tr>
<tr>
<td>Tue</td>
<td>School, Chakkarpur,</td>
<td></td>
</tr>
<tr>
<td>Wed</td>
<td>Govt Middle School,</td>
<td>165</td>
</tr>
<tr>
<td>Thur</td>
<td>Choma Village,</td>
<td></td>
</tr>
<tr>
<td>Fri</td>
<td>The Happy School,</td>
<td>178</td>
</tr>
<tr>
<td>Sat</td>
<td>DLF Phase 1 Gurgaon</td>
<td></td>
</tr>
</tbody>
</table>

**A Node**

- 31 laptops
- Projector
- 2 trainers
- 1 Technician
- 1 Site In-charge

**Notes:**

- Each Node caters to 3 schools, and covers 600 students.
From some to Many more ...

MODEL 2
The Next Leap
.....journey till now

www.computershiksha.org

COMPUTER SHIKSHA
.............bridging the digital divide
Model 2 - Bridging the digital divide

The problem

- Municipal / Community Schools have
  - No Computers / Broken computers
  - No ability to maintain computers
  - No teacher
  - No practical curriculum for computer education

Computer Shiksha – a beginning

- Computer Shiksha has
  - Experience in raising funds / donations of old computers
  - Ability to install, commission and maintain computer hardware and software.
  - Teacher Trainers & Trainers
  - Modular Curriculum for practical learning with instituted processes to replicate lessons
  - E-learning content in the form of video lessons for each module created
School elicits interest in imparting computer literacy programmes

School identifies a resource to facilitate these classes

Computer Shiksha handholds the school administration to install commission equipment.

Computer Shiksha trains the resource to facilitate classes to an optimum standard

Computer Shiksha monitors, provides distance support and ensures quality standards.

Evaluates students for certification.

- **E-learning Modules** for covering our entire current course of Open Office/(equivalent of MS Office) are created
  - This course in different languages to cover as wide population as possible.
Computer Shiksha’s role

• CS will support in arranging the hardware. (Computers, LCD projector and speakers)
• CS will inspect the donated hardware, get it repaired, install the appropriate software required.
• In locations, where internet is not available, CS would provide them with a telephone no. for calling on telephone and/or chat support during 9.30 am to 2 pm.
• CS would do hardware audit and repair (where required) hardware or reinstall software.
• CS will keep training new resources/facilitators at the school if there is a turnover. Training of local resource would be a continuous affair at least until full course has been done once by the NGO/School/Community
• Evaluation of students understanding and absorption will be done by CS
• On successful evaluation, a certificate would be issued by CS to the student
E-Learning Modules created

- The entire syllabus is divided thus

<table>
<thead>
<tr>
<th>Sr. #</th>
<th>Syllabus Content</th>
<th>No. of modules</th>
<th>No. of weeks</th>
<th>No. of lessons</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Paint</td>
<td>2</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>2</td>
<td>Word Processor</td>
<td>4</td>
<td>24</td>
<td>48</td>
</tr>
<tr>
<td>3</td>
<td>Spreadsheet</td>
<td>2</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>4</td>
<td>Presentation</td>
<td>2</td>
<td>12</td>
<td>24</td>
</tr>
<tr>
<td>5</td>
<td>Internet related skills</td>
<td>1</td>
<td>6</td>
<td>12</td>
</tr>
</tbody>
</table>

- Each lesson has a video made for teaching the contents of the lesson
- These lessons can be used to teach a class by a facilitator who is able to use and not necessarily teach computers
- The facilitator shall be upskilled by Computer Shiksha to tackle the queries of the class
Model 2 – fast scaling up

**July 2015**
- Idea Conceived

**December 2015**
- Development of course work begins

**January 2016**
- First batch of e-learning lessons uploaded on the YouTube channel and a Playlist Created

**April 2016**
- First pilot project kicked off in Bal Shiksha Kendra in Gurgaon

**July 2016**
- 181 students
- 3 partner schools

**August 2016**
- Content for 32 week Basic Course in Hindi over

**October 2016**
- 765 students
- 9 partner learning centres operational
- 8 partner schools in pipeline
Sponsors for Model 2

- Virtusa®
  Accelerating Business Outcomes

- MPS

- Human Development Foundation

- Polaris
  Live your dream

- Computer Shiksha
  Bridging the Digital Divide
More information ......

- www.computershiksha.org

- https://www.facebook.com/ComputerShiksha

- http://www.youtube.com/channel/UCwz0HyjfKhXWFmOKKto1Vhg

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  - Rakesh.suri@computershiksha.org