COMPUTER SHIKSHA
....Bridging the Digital Divide

Annual Report
2021 -22

Contents

Our Vision

To bridge the divide between haves and have-nots using technology.

Mission

To build an ecosystem for providing 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.

To use technology to deliver solutions & reduce challenges faced by under-served communities in every walk of life.

MESSAGE FROM THE PRESIDENT

What a Year it was.

Schools remained shut, opened, were closed again, and then finally opened with lot of uncertainties.

To try to make inroads into students' homes, we developed a process, whereby any one would be able to practice our course on their smartphones.

Our new additional process split a smartphone screen into two parts, one runs our course videos in YouTube mode and on the other part, child/student could practice what is being taught.

But, it didn't help, as we learnt soon that majority of the children whom we serve, do not have access to smartphones, and those who have, do not have it for sufficient time.

Our exhaustive survey conducted in 638 schools showed us that, in almost 2 years of pandemic,

Out of 638 schools, 16 schools had shut down permanently and in 64 schools, teachers trained in CS course over 8 days fully residential program in our training center in Gurgaon had left the schools due to various reasons.

The loss had been immense and we conducted Teachers Training, an 8 days fully residential training program at Gurgaon, for some of the 64 schools where CS trained teachers had left the school.

We were also forced to assess the condition of labs in all schools and worked hard to get all the labs fully operational (which involves 7000+ computers).

Sometimes one has to step back to step forward again and we did that. Luckily our work on setting up computer labs in new schools being adopted by CS went on at a brisk pace during the year.

ABOUT COMPUTER SHIKSHA
A Brief History

On the 15th March 2012 a group of IT & Management professionals came together to commit themselves to what they called a "digital divide". The idea was to utilize the talents that the group had which was IT, Education and Management and provide Computer Education as a service to those institutions who were already gainfully and successfully engaged with communities. We call it the N2N approach akin to the B2B approach in business. A small meeting with a street based NGO made it look possible and very exciting too. And thus was born what we call Computer Shiksha today.

We began on 5th May 2012 with 60 students of Nai Kiran School in Ardee City, Gurgaon.

We had not imagined that we would have scores of schools lined up to sign in. By July 2013 we had crossed 1000 students but expanding with the then model seemed to be more expensive than what we could afford. Adding 600 students' capacity was working out to a spend of Rs. 9.0 lacs. We knew this c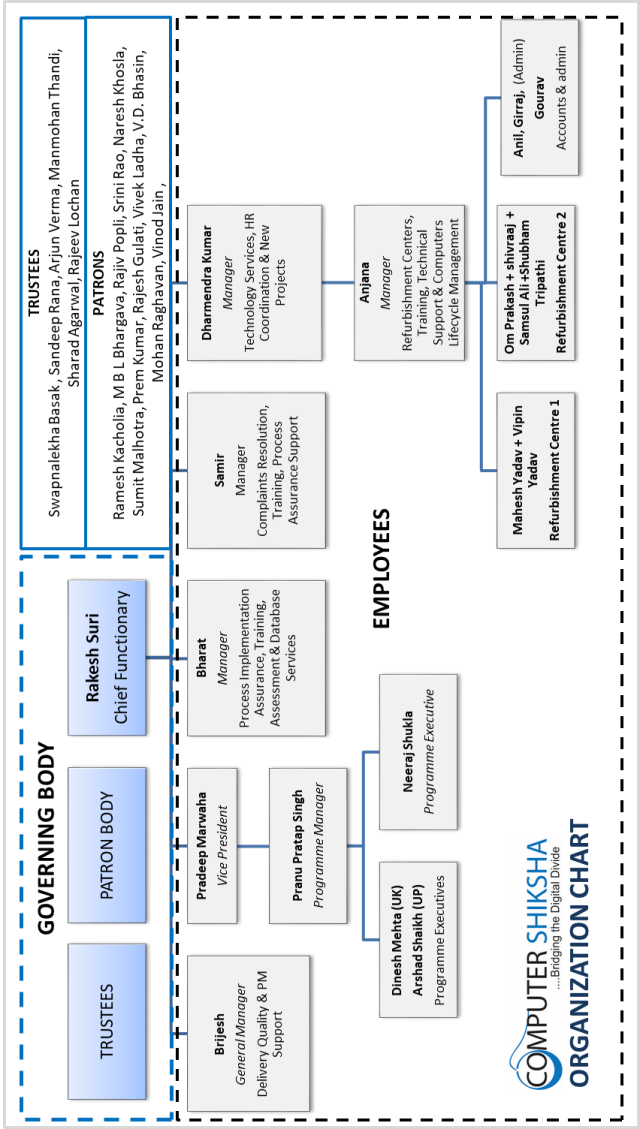ouldn't be the way forward. After deliberations and scores of trials and errors we came around to developing our current model of using self-learning videos and facilitators trained to use them to enable schools to run lessons themselves.

Since early 2016 we used the new model to enable other NGOs already running educational establishments for communities and take computer education to their doorsteps.

We intend to provide Computer Knowledge and Training from Pavements to High-rises, children to adults, villages to metros, with passion and commitment. Our dream is to ensure computer literacy for all!

Organization Chart

GOVERNING BODY

- TRUSTEES
- PATRON BODY
- **Rakesh Suri** — Chief Functionary

EMPLOYEES

Brijesh
General Manager
Delivery Quality & PM Support

Pradeep Marwaha
Vice President

Pranu Pratap Singh
Programme Manager

Dinesh Mehta (UK)
Arshad Shaikh (UP)
Programme Executives

Neeraj Shukla
Programme Executive

Bharat
Manager
Process Implementation Assurance, Training, Assessment & Database Services

Samir
Manager
Complaints Resolution, Training, Process Assurance Support

Dharmendra Kumar
Manager
Technology Services, HR Coordination & New Projects

Anjana
Manager
Refurbishment Centers, Training, Technical Support & Computers Lifecycle Management

Mahesh Yadav + Vipin Yadav
Refurbishment Centre 1

Om Prakash + shivraaj + Samsul Ali +Shubham Tripathi
Refurbishment Centre 2

Anil, Girraj, (Admin) Gourav
Accounts & admin

COMPUTER SHIKSHA
...Bridging the Digital Divide
ORGANIZATION CHART

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Legal Status

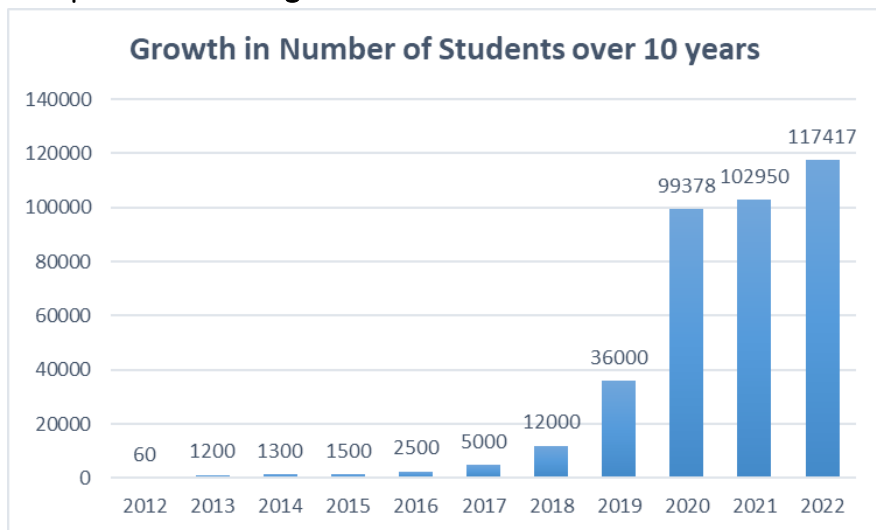|	
State of registration:	Haryana
Registration date:	14-6-2012
Registration No:	6884
Valid till date:	On going
PAN Number	AABTC4071G
Income tax registration no. (Under Section 12A)	AABTC4071GE20214
Income Tax Exemption (Under Section 80G)	AABTC4071GF20214
FCRA Registration No.	172270092
Correspondence address:	G-576 Florence Homes, Sushant Lok 2, Sec 57, Gurgaon

Computer Shiksha's growth

Growth in Number of Students over 10 years

Year	Students
2012	60
2013	1200
2014	1300
2015	1500
2016	2500
2017	5000
2018	12000
2019	36000
2020	99378
2021	102950
2022	117417

2021-22 – the journey that has been

In a nutshell the progress over last year has been

	2021	2022
No. of Children from under-served communities undergoing free computer literacy	102950	117417
No. of CS enabled centers operational in schools	547	641
No. of States	15	16

Besides this till now **1444 trainers** have been trained on the CS model of computer education and **7430+ computers** over 641 **sites** are now provided free life time maintenance support, including replacement, if required.

THE GROWTH STORY
Details as on 31st March 2022

No. of centres

Year	Value
2019	~215
2020	~515
2021	~550
2022	~640

No. of Trainers

Year	Value
2019	~840
2020	~1250
2021	~1270
2022	~1440

No. of states

Year	Value
2019	13
2020	15
2021	15
2022	16

No. of Students

Year	Value
2019	~35000
2020	~99000
2021	~103000
2022	~111000

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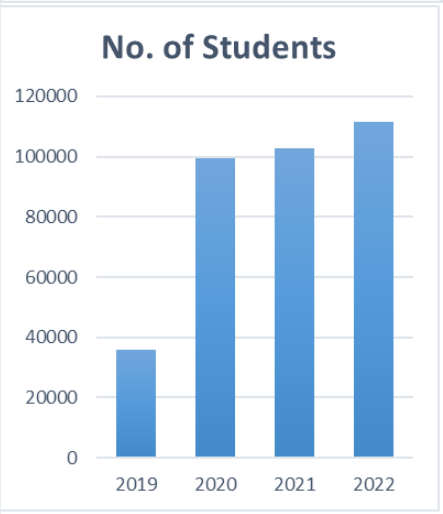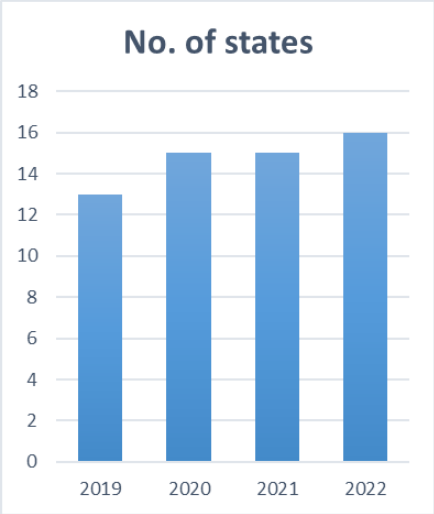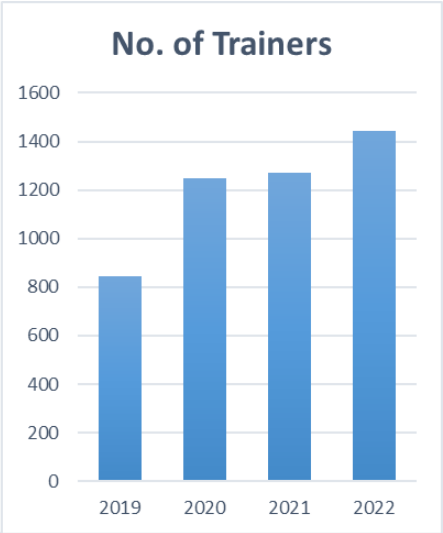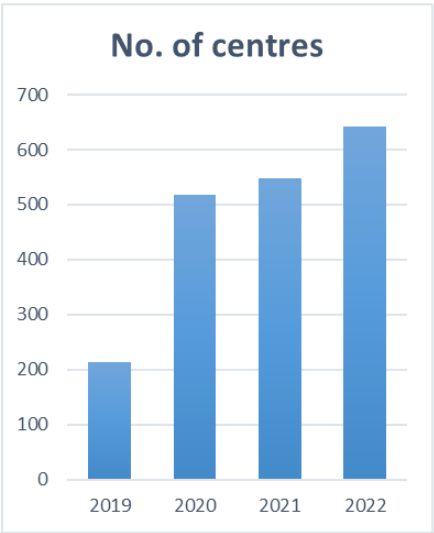
SOME GLIMPSES OF 2021-22

April 2021

Shipments to schools started, even as schools continue to stay shut preparing for the opening of lock down

May 2021

Completion of the first phase of a process by which any one would be able to practice our course on their smartphones. The process splits the screen into two parts, one runs our course videos in YouTube mode and on the other part, child/student can practice what is being taught.

June 2021

Computer Shiksha got invited by 'MIT Solve', an MIT initiative, to participate in a workshop on ed-tech solutions for Southeast Asia to bring equitable access to education.

July 2021

- Field work restarts in Delhi/NCR. Jalaun , U.P. , Hyderabad and Chikaballapur

Teachers' Training at Chickballapur

- CS was invited by BITSAA Jaipur, Rotary Midtown Jaipur & Samta Power for a talk on "Computer Shiksha in rural India" which saw good participation.
  Meeting Recording:
  https://us06web.zoom.us/rec/share/8y1l5eFpfz3Ydmpo5aNL9WqW
  fMEPxY6o7tlMul8aqoswbfPFItvoBka_RfGblGDQ.wgsPMooPHy_d_xc
  s
  Access Passcode: BITS123@

August 2021 – December 2021

Field work picks up pace and some windows become available for CS to implement projects.

Most computer literacy programmes in India have failed due to downtime of the IT hardware. In this period Computer Shiksha did a thorough review of all computer labs and repairing was taken on war footing to ensure that classes run smoothly as soon as they start. This audit and overhaul were done for 7000+ computers. Statistics show that Computer Shiksha has managed to push the chances of failure in implementing programmes due to hardware failure to a small 3%.

Hardware Inspection Report

As per CS, when do schools get considered as fully enabled? Only when the following steps are in place.

- Half day School Leadership Seminar to expose them to computer literacy concepts
- Refurbished Computers for the computer lab
- 8 days Teacher's training on CS course videos
- Software Suite consisting of Ubuntu, Open Office etc. loaded
- Complete set of CS course videos and Manuals loaded and available
- Link to CS Help line that runs from 9 am to 6 pm 6 days a week established

Besides this Computer Shiksha ensures -

- Periodic Children Assessment Services
- Free Lifetime maintenance for all hardware and software

- Committed 7 days' turnaround time for all defective hardware anywhere in India
- And finally, certification of children on various course modules

Jan 2022 - March 2022

Exhaustive survey conducted in 638 schools. The survey results brought out the fact that out of 638 schools

Warehouse

- 16 schools had shut down permanently.
- In 64 schools, CS trained teachers had left the school.
- 95% of children hadn't been able to finish the course as prescribed by CS, as schools were mostly closed.

In a pilot run of the Smartphone delivery of our course, we found that *less than 5% of children whom we serve, have access to a smartphone and that too for less than an hour in the day*.

In the windows, when travel was open, CS could deliver projects in

- Hyderabad
- Pune
- Jalaun (U.P.)
- Delhi / NCR and
- Chikaballapur (Karnataka)
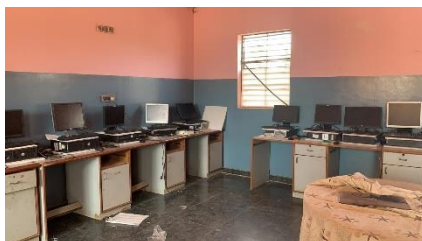
Newly set up computer labs

TRANSPARENCY & ACCOUNTABILITY DISCLOSURES

Distribution of paid staff according to compensation levels

Gross salary (inclusive of benefits) (Rs. per month)	Male (Nos.)	Female (Nos.)	Total (Nos.)
<5000			
5,000 - 10,000			
10,000 - 25,000	17		17
25,000 - 50,000	7		7
50,000 - 1,00,000			
1,00,000 >			
Total	24		24

Board members' details

NAME	GENDER	OCCUPATION	POSITION
Rakesh Suri	M	Entrepreneur	President
Swapnalekha Basak	F	CEO, plugH	Secretary
Sandeep Rana	M	Entrepreneur	Treasurer
Manmohan Singh Thandi	M	Entrepreneur	Trustee
Arjun Verma	M	Retired	Trustee
Sharad Agarwal	M	Partner, Lochan & Co.	Trustee
Rajeev Lochan	M	Partner, Lochan & Co.	Trustee

The total remuneration paid in last financial year to all trustees has been nil. Sharad Agrawal & Rajeev Lochan are brothers. Except that none of the trustees are related to one another by blood or by marriage
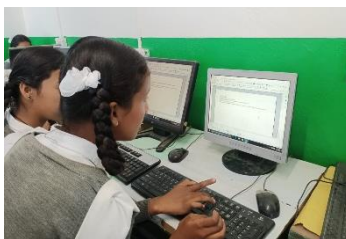
Audit Report for the Assessment Year

Brief statement of last financial year's Audit Report (Income & expenditure, Balance sheet and Receipt & Payment account to be included in the Annual Report is

Available at Website link - http://computershiksha.org/downloads
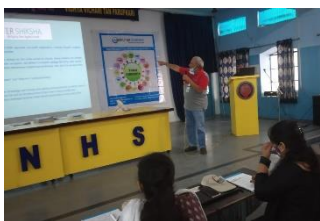
Trainers at Teachers Training @ Hyderabad

Students at a school in Devidhura

Students awarded certificates in a school at Ratighat

Trainees at Teachers Training @ Hyderabad