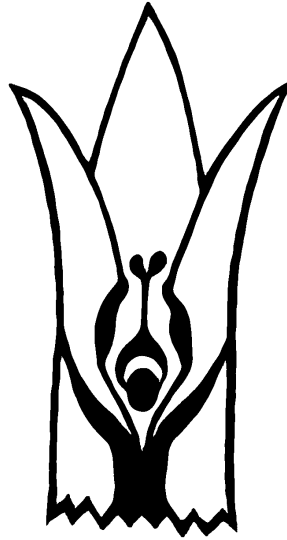


Plan 100 Annual Progress Report
2007 – 2008



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Lend-a-hand-India and Vigyan Ashram's Plan100 Annual Progress Report 2007-08

Highlights of Achievement:

1. 16 new school joined IBT program
2. 16 Plan100 and 12 other Schools got training and monitoring support.
3. 2297 (Plan 100) + 798 (Old) students got training in IBT program.
4. Community service by school is approx. 1,99,949 by Plan 100 Schools
5. Teachers hand book for IX and X std are published by SSC board.
6. Govt has given advt in newspaper inviting application for all interested schools willing to start pre-vocational program. This is first time in last 10 years. Our efforts through Plan100 promoted Govt to give advt.
7. Many organization and funding agency joined our efforts to take IBT to 100 schools:
 - i) Asha for Education supported salary of one IBT co-ordinator.
 - ii) LAHI and Sakaal Collaboration for PLAN100
 - iii) Suzlon foundation came forward to support IBT in 25 schools.
 - iv) Through LAHI's efforts YUVA in Bangalore started IBT in one school in Karnataka. AID is financially supporting the program.

Introduction:

'Introduction to Basic Technology (IBT)' program designed and developed by Vigyan ashram got evolved since 1983. The program got developed with the funding from various institutions viz Min of Human Resource Development, CAPART, Sir Dorabaji Tata Trust. State Education Dept of Maharashtra state also included this program as a subject in its curriculum. The IBT program was classified as a pre-vocational program and included as a optional subject. Due to Govt priority on basic primary education through Sarva Shiksha Abhiyan (SSA). They have not given any financial assistance to the school implementing this program.

In 2001, funding from Tata Trust was over. With no other funding option available, no new school joined IBT program in the period 2001 – 2006. Twenty three schools running IBT program in 2001, tried to run the program by charging fees to the students. Some of them did it successfully. But nine schools could not sustain the program. Vigyan ashram was also not able to provide them support due to funding constraints.

In a meeting of IBT school principals in 2005, all schools narrated their experiences of benefits of IBT program and need to continue it. The minutes of meeting was circulated to all well wishers. It was thought that such useful program must be taken to all schools, and its necessary to take this concept to logical conclusion. The program was evolved through continuous efforts of 20 +

years under guidance of Dr S S Kalbag. It was well documented. Now there is needed to show its success on large scale. Its need to be replicated at sizable scale so that its effects will be felt by the educational system.

At this time, Lend-a-hand-India came forward to support replication of IBT program to 100 schools. Vigyan ashram and Lend-a-hand-India joined hands to formulate PLAN100 to take IBT to 100 schools. The project was started in 2006-07 in 6 schools.

Number of IBT schools at glance:

	2005-06	2006-07	2007-08
Total Schools	10	16 (10+6)	28 (16+12)
LAHI funded schools		06	16 (6+10)
Number of students			2129 (Plan 100)+798
District	Pune, Kolhapur, Ratnagiri, Usmanabad, Sindhadurg, Raigad	Pune, Amravati, Thane, Kolhapur	Pune, Amravati, Jalgaon, Raigad, Ahmednagar, Kolhapur, Nandurbar, Tumkur (Karnataka State).

Activities carried out in 2007-08

Identification of new Schools:

Following steps are taken to enroll new school:

- 1) School came to know about IBT and approached VA.
School principal and management member
Visits VA or IBT school to understand program
- 2) VA provides print material and documentary CD
- 3) School discusses the program in committee meeting.
Send letter of invitation to VA
- 4) VA coordinator visits the school. Inform about IBT to all school committee Members. Discuss contribution from school for the program
- 5) School invests in equipment (Rs.65000/-)
School selects instructors
- 6) School applies to Directorate of Vocational Dept for registration
- 7) VA , LAHI and School signs MOU
- 8) VA conducts training of instructors
- 9) VA conducts training of co-ordinators
- 10) VA conducts monthly visits to schools to monitor the program.

New School Enrollment:

In the year 2007-08 , eighteen schools joined IBT program. Out of which sixteen school received full financial support (running expenses) from LAHI and all twenty eight schools received monitoring, training support from LAHI.

Instructors Training:

In the year 2007-08, following training program were organized for instructors. This is a residential training program for 7 days duration. Instructors were trained in activities to be taken in next 6 months in school. Vigyan Ashram continuously try to develop new ideas and technologies for dissemination through schools. This year manufacturing of energy saving LED bulbs, Pedal power generator, testing quality of drinking water, construction of nursery etc were introduced.

Training Dates	Number of instructors	Main activities
June 24 – 28, 2007	16	
Nov 15 – 20, 2007	73	Make two pedal power cycle, Prepared poultry cage, prepared Ferro cement tank, Prepared coal briquettes from dry biomass, electronic circuits – DC tube, LEDs, clapping circuit, dumpy level and plain table survey, done practical about poultry farm and vaccination, prepared small nursery by using sidling tray, dried vegetables using solar dryer, Testing drinking water, whether it is drinkable or not by H ₂ S stripe, tested hemoglobin, soil test of NPK, were practiced, prepared toran as a part of embroidery, guavas jam, cake, jelly, and tomato sauce. Etc.
May 9 – 15, 2008	45	1.In workshop section: poultry cage , weal barrow, mouse trap , tool stool, fire bucket , may be prepared. 2.In energy environment: make a mobile charger, repairing a selling fan & mixer, dower bell. 3.In home & health section: medicinal shampoo, alove Vera oil, jewelry making , Shatawri kalpa , candle making . 4.Agricultur & animal husbandry : Making a animal feed , jiwamrut , animal survey.
May 19 – 25, 2008	36	These are new school . For this schools all 8th std. practical done in this train.
May 29 – June 04, 2008	54	As per may 9 to 15 , 08 train. Program .
June 6 – 14, 2008	52	As per may 19 to 25 , 08 train. Program.

School Head Masters and Co-coordinators Training:

Responsibility of co-ordination of IBT program in school is given to science/mathematics teacher in the school. They are taking theory lectures, drawing and costing. 2 periods per weeks are allotted to them.

Training Date	Number of Head masters and coordinators	Main Activities
April 20 – 21, 2008 in Sakri (Dhule)	26	1.VA Philosophy & principle of IBT program , 2.Principle & coordinator responsibilities. 3.Implimentation of IBT program , 4.IBT Drawing & costing , How to teach a theory .
June 23 -24, 2008 , In Dhamapur (Singhudurg)	18	As above
June 27-28, 2008 , Pune	16	As above

LAHI - Vigyan Ashram staff co-ordination meeting:

A quarterly meeting between LAHI and VA team leaders were held regularly. It helped in reviewing the program continuously and also discuss some of the practical issues on ground like problems in dealing with school management, absenteeism of some instructors, apathy towards program for some school principals, issues in procuring raw materials , School recognition issue etc.

Meeting Date	Participant	Issues discussed
Aug 3, 2007	Mr. Yogesh Kulkarni (Executive Director, Vigyan Ashram) Mr. Abhay Patil (Executive Director , Lend-a-hand India) Mss. Archana Gojmae (Coordinator , Lend-a-hand india) Mr. Omkar Banait (Coordinator VA) Mr. Vivek Khojrae Mr. Vishal Jagtap (Presentation of IBT centres from the VA IBT coordinators, School visit by VA coordinator, Community work, School IBT coordinators involvement, Instructors problem, Safety policy, distribution of work, fee collection, reports, IBT local committee, etc
Oct 5, 2007	Mr. Abhay Patil (Executive Director, LAHI) Ms. Archana Gojame (Coordinator, LAHI) Mr. Yogesh Kulkarni (Executive Director, VA) Mr. Omkar Banait Mr. Vivek Khojare Mr. Kailas Jadhav Mr. Vishal Jagatap Mr. Tatyasaheb Ghanvat	Presentation of IBT centres, A,B,C,D grade has been given to IBT centres according to their quality, Community work target has given to A and B grade IBT centres. Community work target is 4400/- per month, Community work, Safety policy, IBT name plates at school, Negotiable and not negotiable things at school, fee collection.

Jan 18, 2008	<p>Ms. Sunanda Mane (President of LAHI) Mr. Abhay Patil (Executive Director, LAHI) Ms. Archana Gojame (Coordinator, LAHI) Mr. Yogesh Kulkarni (Executive Director, VA) Mr. Omkar Banait (IBT coordinator) Mr. Ankush Kale (Last IBT coordinator) Mr. Kailas Jadhav (IBT coordinator) Mr. Vishal Jagatap (IBT coordinator) Mr. Sachin Desai (Founder, Syamantak Sanstha – DBRT Dhamapur)</p>	<p>Presentations of IBT centres, Negotiable and non negotiable things, fee collection, Community work, How to improve in community work, keeping few small duration courses at school in the holidays, IBT safety policy chart has given to each center and each section of IBT, Drinking water test is effective as a community work, to publish a activity note with photographs of IBT students and to circulate in the families, Show slide show of these photographs, etc, to collect human interest stories, sustainability of IBT program, conduct training program for SHG women, adult group, aged people, etc. with IBT activities</p>
May 1, 2008	<p>Yogesh, Omkar, Sachin, Ramakant, Kailash, Vishal, Ajay, Basavling Abhay, Archana, Shilpa</p>	<p>Status as of last year total number of IBT Schools, New Schools that have applied, Training Programs this year, Regional responsibilities, IBT Committee at school, IBT School Registers at school, IBT Team leaders to share their monthly school visit schedule by 20th of the earlier month, Standard IBT Plan 100 signage should be created on flex and distributed to the schools, etc.</p>

Workshop for VA and LAHI team:

Shilpa Ballal facilitated workshop on VA philosophy , to define mission statement for VA, to decide on the log frame, performance indicators for PLAN100

Reporting:

Standard reporting formats were provided to all schools. Information likes practical taken, attendance, expenses on practical etc is collected. This is used by VA to monitoring the program and take corrective action wherever required. Based on previous experience online monitoring system is developed. It is hosted on www.lahi-impact.org. The system will become operational from academic year 2008.

IBT Books:

SSC books appointed committee revised syllabus for IBT program and also prepared teachers handbook for IBT course. They published book for 9th and 10th std. The book is available for sale through Govt book depots.

Govt Recognition Issue:

First six schools in Plan100 submitted their application to Directorate of Vocation Education (DOVE) in Feb 2007. After initial scrutiny of the application, it was told that there is no direction from Govt to give permission to new pre-vocational school hence the application cannot be processed. They also refused to accept application from new schools joining IBT program. There was a talk in ministry to scrap pre-vocational program without understanding its pedagogical significance.

We met Hon Minister for technical and higher education Mr Dilip Walse Patil. We also inaugurated IBT program in Gawadewadi school his hand. There was lots of follow up and answering queries for almost a year. Meanwhile students of six schools in Plan100 Phase I could not appear for SSC examination, since we could not get Govt permission in time. A question was asked by one MLA in assembly to know Govt policy about technical program's in school. Minister then told that they are committed to increase technical schools.

Immediately Govt has given us permission to implement IBT in 100 schools. DOVE also gave advt in news paper in March'08 inviting application from School wanted to start IBT program. Accordingly total 96 school (Plan100 – 46 , Suzlon sponsored – 7, Self initiative – 43) submitted their proposals for starting IBT.

This is first time in last 10 years that Govt gave permission for pre-vocational school. The credit goes to Plan100 efforts.

Now we are following up with Govt to make IBT as a part of core curriculum. A discussion was already held with Education Minister. Efforts are in progress.

Other Partner:**YUVA**

Some volunteer from YUVA approached LAHI for volunteer ship. LAHI guided them to IBT and plan100 program. After lots of discussions, visit of LAHI, VA and YUVA team to each others place. IBT is started in one school in Tumkur district.

Instructors from Domerenhally were trained at VA. It was good experience since instructor from Karnataka knows only Kannada and teachers from VA knows Marathi. Finally effectiveness of 'Work as a medium of education' once again

proved. With the help of few translator , IBT program is successfully started from 2007 -08. AID is funding the school.

SUZLON foundation

After seeing success of Plan100 and attending one of our School principals meeting, SUZLON officials decided to take IBT as a part of their CSR initiative. As a first step they decided to implement IBT in 25 schools. Already project has been started in 7 school.

Suzlon is funding the school. Monitoring and feedback system developed under PLAN100 is used for this school.

Symantak

N.G.O. Symantak started DBRT center in village Dhamapur (Dist Sindhudurg) in Kankan region. VA is helping the center to become resource center for schools in Konkan region.

SAKAAL LAHI partnership

LAHI and newspaper enter into MOU on 5th Feb 08 to promote PLAN100 through their newspaper. It is agreed to have Sakaal local reporter on IBT committee of the school.

Achievements:

Following kinds of community services given by IBT schools

1. LED Lamps

Chikhalgan school : Rs. 7000\ - for 100 LED Bulb sale & 3200\ - for 80 LED battery sale.

Dhamari school.Rs.2500\ - from battery sale..

Total = Rs.12,800\ -

2. Pedal power

8 schools made their own pedal power generator. Mozari and Manchi Hill , Gawdewadi , Khiroda participated in science exhibition. Mozri School won award. in dist. Level exhibition.

3. Water tests

17 schools did water quality testing.

4. Soil testing

Bhivdi school provide a service to villagers.

5. Shed construction :

1) In Shindavenae school shed is constructed for motorcycle & bicycle . Also one poultry shed is constructed in village.

2) In Bhivdi , one poultry shed is constructed near to school , with the help of student .

6. Wafers / Food product:

In jalgav dist. Raver tal.place is populated for banana. So in . khiroda.school , instructor prepare a banana wafers . Saleing in dhananjay brand in khiroda.

In Mangav & Khiroda school food product sale at the time of playing matches. About 2 to 3 thousand rupee profit to student in IBT., .

Highlights of work done by different schools :

Name of school	Community services
Chikhalgaon	57375
Hingangaon	18802
Bhivadi	14652
Pachgav	20000
Rajputwadi	7525
Khiroda	30356
Lohara	3675
Pal	13135
Babhali	2000
Mozari	15000
Mode	16000
Shikar	5474
Vikramgad	9728
Manchihill	19000
Mangav	46000
Arawlitak	61570
Madaj	5000
Pabal	75589
Dhamari	11398
Gawdewadi	21810
Shindavnae	20830
Salumbrae	10000
Asdae	7505

Awards:

Mr Sanjay Shemade (VA alumni) announced reward of Rs.5000 for school doing maximum amount of community service. He visited all candidate schools and selected Mangaon School , Shindavane school and Chikhalgaon school for the award.

Mr G R Kadam gave award of Rs.1000/- to the school for manufacturing pedal power cycle, Mr Latesh from Khiroda school won the prize.

Responses:

Some of the feedback

1. Suresh Chaudhari (Entrepreneur, IBT Instructor and IBT alumnus)
IBT program increases self confidence of students. They become fast learner.
2. Deepali Jadhav (IBT student 10th grade)
Learning multiple trades helps one gain practical insights. Those who can not pursue academic career can start their own business.
3. Pratibha Dafal (IBT student 9th grade)
I am telling all girls from other classes to join IBT.

4. Vaijanath Bagate (Father of an IBT student)
When his motor was not starting, my son rearranged some wires and switched it on and it started.
5. Vikas Lawande (Village Mayor, Hinganagon)
With IBT, People will be less inclined to migrate to cities. This would help maintain vibrancy of village life.
6. Sampat Chaudhari (Entrepreneur and IBT alumnus)
According to him, IBT helped me understand how to buy things, where to get them, how to sell them, what the market needs etc.
7. Sachin Jadhav (Bank officer and IBT alumnus)
According to him, It is unfair to call IBT just vocational training. IBT is a fundamental – it is helping me even in my bank banking career.
8. Mr Pimple Anna_: (Pimple Anna is the president of Gawdaewadi school.) This is the education what is needed. Our students learn vermin compost in school and doing in their home.
9. Madhukar rao chowdhary_ (Ex- Education Minister)
IBT is education which is used to every day life To increase the quality of education this is very necessary. When I was education minister, I stressed expansion of education. It was mainly literacy. Now I visualizes work is the base of our education. .When the people become good doctor, engineer , teacher , entrepreneur at the same time, he should become good human being. All these expectations are fulfill through IBT education.

(Free translation from Marathi text)

PLAN100 Team:

Abhay Patil, Ankush Kale, Archana Gojame, Kailash Jadhav, Omkar Banaeit, Sunanda Mane, Vishal Jagtap, Yogesh Kulkarni

Always available volunteers:

Sameer Shipurkar, Shilpa Ballal, Sunil Bhondage, Kiran Inamdar and all VA DBRT staff.

New addition to staff from June 2008

Bagwale, Gautre, Keshav, Meenal, Narwade, Ramakant , Sachin , Shilpa