

Vigyan Ashram Status Report

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STARs forum conference

3rd conference on 'Skill Training for Advancement of rural societies (STARs) forum was held at MCCIA, Pune on 3rd and 4th Dec. Sevawardhini co-hosted this year's conference with VA. Total 55 participant from 26 organisations participated in the conference. Dr.Sudhir Prabhu (USA), Mr.Pillai (NARDEP, Tamilnadu), Mrs.Mhetre (CORD- Himachal Pradesh) are some of the distinguish participant from outside. Discussion's were held on themes 'Livelihood opportunity in modern agriculture' 'Livelihood challenges & SHG movement' and 'Technology intervention for livelihood generation'. Various issues related to skills training were



discussed. A new board is elected at the end of the conference and it is decided that Dr.Yogesh Kulkarni will be the Chairman of the STARs forum for 2013-14. It is also decided that Vigyan Ashram will host the STARs office for the next year. Report of the conference proceedings is available on: -

www.starrforum.blogspot.com

Articles in Loksatta

Dr.Yogesh Kulkarni wrote a series of 3 articles on 'Work centric Education' in Loksatta. Purpose of articles was to present difference between 'vocational' education and 'Work centric Education'. It became necessary due to Govt policy decision's to introduce 'vocational' education in secondary school (from IX) as a separate vocational stream. The articles received good response over phone and through e-mail by readers. Articles can be read on :

- i) 3rd Dec, <http://www.loksatta.com/career-vrutant-news/production-related-work-eduction-needed-19101/>
- 2) 10th Dec <http://epaper.loksatta.com/c/573853>
- 3) 17th Dec <http://www.loksatta.com/career-vrutant-news/no-professional-education-need-technical-education/>

New poultry construction



DBRT students are working on construction of poultry as their project work. The work is completed up to the roof level.

Shri.Pramod Chaudhari(Chairman- Praj Industries) and team of Praj foundation (Shri. Vinayak Kelkar ,Shri.Dasnurkar) visited VA on 31st Dec, to understand the progress of work supported by Praj foundation. They have earlier supported modernisation of processing unit work

in the past and now supporting modernization of animal husbandry dept.

Introduction to Basic Technology (IBT) – PLAN 100 update

(Supported by UNICEF, Govt. of Chhattisgarh, Lend-a-hand-India, Suzlon foundation, Hemendra Kothari Foundation)

i) Science project making workshop for IBT School

A workshop on making science project for IBT Schools was held from 2nd Dec to 5th Dec. We have invited science teacher of the IBT School along with few students for the workshop. Students and teachers work from problem identification to project making. 6 Schools, 20Students & 6 Teachers Participated in the workshop.



Tools for collecting garbage and attachment to bicycle



Project on nitrogen cycle – Aquaponic model

ii) Bachapan Banao camp at VA -

50 students from high schools in Datewada district and 20 volunteers from IISER,Pune participated in one day 'Hands on Workshop' at VA on 20th Dec. Students done 11 activities in different groups viz. screen printing, oil extraction, electronics, making photo frame etc.



Screen printing



Making LED torch

iii) Yogesh gave a talk on 'Education for 21st century' for parents and teachers at Dnyanwardhini High school, Shirwal on 28th Dec. Shirwal high school organized exhibition of IBT products on the occasion.

iv) Yogesh gave an invited talk on 'Work centric Education' in national conference on education organized by Jnan Prabodhini, Pune on 7th Dec. Omkar and Anand presented a paper on 'IBT school program' in the same conference on 8th Dec.

v) Mr.Pramod Chowdhary (Chairman, Praj Industries) visited Higangaon and Dhamari schools on 31st Dec. Praj foundation are supporting the school under its Dnyanrai project.

vii) PENCH and Tadoba IBT project (Supported by M/S Hemendra Kothari foundation)

a) Pathari school made 'सुस्वागतम्' board by making angle frame of 7 * 2 ft against order. Similarly they repaired 30 benches.

b) Pathari IBT students tested water from well of Patharai, Hivara, Bhatitola and Ghoti. It is found that water of well in Ghoti is not potable. It was informed to the villagers.

c) Dahoda High school students repaired 'Dhan Machine'(Agri tool) of Mr.Laxmanrao Nakhate and earn Rs.150/-

d) Devalapar – Gurukul IBT students made a spade (फावडे) and sold it for Rs.240/-. Made table for school. Also sold Chappal stand to Mr.Budhe against order. They also repaired

tow table fan received from customer. The shcool sold 70kg vegetables (मेथी) grown in the agriculture field under IBT.

e) For more details : <http://hkf-vigyanashram.blogspot.in/>

viii) Suzlon supported IBT program

a) In spite of funding problem, all schools in Suzlon project areas continued with IBT program. Walsang and Kharsing school submitted proposal to local manufacturing company for funding. We helped them in preparing the proposal.



Board fabricated by IBT - Patharai

It

a

b) A meeting of old schools in Dhule and Nandurbar was held in presence of Mr. Jayantrao Thakare at Sakri. Various issues like fees collection and community service areas were discussed and action plan was made.

c) Khondamali school constructed new IBT workshop by investing Rs.2.3 lacs from community contribution.

d) We have taken back all the material supplied to Sugyan center at Rajale. Center owner was not performing as per the agreement and not providing services to the community. We are looking for suitable candidate to start Sugyan Center.

ix) Yogesh visited Raipur to attend meeting RMSA Director and Unicef officials. A proposal to implement IBT in 32 schools is submitted. He was accompanied by Mr. Subodh Kulkarni. On return Yogesh visited Chandrapur and had meeting with schools willing to start IBT program.



Walsang - IBT Doing welding work of Mr. Naik from village

Management committee (MC) meeting

A MC meeting was held on 16th Dec at Pabal. The meeting was specially convened to discuss various Govt program and policy changes happening at secondary level. A proposal being prepared for Govt was discussed in details. Beside review of present program, auditor's queries, staff matters etc was discussed and decision were taken. Technical problems with oleoresin project, fodder making machine was discussed & solutions were discussed for improvement.

It is also decided to start INDUSA –CARE (computer application for rural areas). First program can be to train rural youth in computerised accounting. It is also decided to create a physical facility for computer centre and proposal for the same will be prepared for donor.

IIE board of trustees meeting was held on 29th Dec and Yogesh presented admin issues related to VA with BOT and they were resolved. Yogesh was invited to Annual General Meeting of IIE on 30th Dec and presented VA program to life members of IIE.

Staff Quarter construction (Supported by Mr. Daimond Megaji)

Construction work of ground floor is completed. Anil and Ranjeet moved to the new quarters. Electrical was done by DBRT students (137 points). Colouring of the building from outside was done this month.



DST Core Support Projects:

A] Cosmic Project survey- National University of Singapore (NUS), is been working on project called



COSMIC (Centre of social media innovations for communication) in collaboration with IIT, This project is mainly to design, develop and deploy social media application for farming community.

Vigyan Ashram is also partner in the project for field testing. Initial survey was carried out in Feb 2012. Team from COSMIC visited Pabal last month. Together with them, we surveyed 120 farmers for pest and weather data. COSMIC team installed a digital logger at Pabal. This will send weather data every 20 sec to main server. They have also given 10 analogue weather loggers to 10 selected

farmers. They will send 2 SMS per day for next 2 months to make micro climate mapping of Pabal village.

B] Farmers Group –

NABARD conveyed acceptance of concept note on **Cultivation and Processing of Organic Vegetables – fruits** submitted for Farmers producers company M/S Sonai Agro. They asked detailed project report. We are supporting farmer group to make a DPR.

C] School on wheels –

Vishal Jagtap, Ranajeet Shanbhag and Dr.Prabhu visited Jhawar to review SOW project (6 – 8 Dec). Objectives and need of SOW project, probable working strategy and skills identification methodology was discussed in detailed with Vyam Karyakartas. A workshop on ‘Entrepreneurship opportunity in rural areas’ was conducted in three (3) villages.

Training on Azolla production and manufacturing ARTI solar dryer was conducted in Vyam office for Vyam Karyakatas.

D] Technical problems –

a) Fodder making machine:→ The supplier failed to fabricate the Fodder sprouting machine as per the design. Hence we have brought all the material to Pabal on 5th Dec. Now it will be fabricated at VA itself. It was given as a project work to students of Samarth polytechnic.

b) Oleoresin extraction machine:→ It is decide to get the piping done from the expert welder from outside.

E) Sakal Agro Exhibition – We have participated in the Sakal agro exhibition in Pune from 1st – 5th Dec. We put on display Egg incubator and solar devices. We also put new food products for sale and total sale was Rs.42290/-.

F) INDUSAPTI

IBT books in Hindi are ready and uploaded on www.learningwhiledoing.in . Total 18 files were uploaded in the month. We are working on restructuring of the website.

For more information on DST core activities. visit <http://vigyanashram.wordpress.com/>

DBRT update (Supported by Asha for Education & Tech Mahindra Foundation)

i) DBRT students went for study tour to Kisan exhibition on 15th Dec.

ii) Usage of Solar cooking park is as follows →

Type of solar device	Days/ Month	No of Hr/ Month	Remark
Solar Dryer	20 – 22	160	For pooran poli mix , Amla candy .
Solar Scheffler	11	11	For Chapati making and water heating. (Timer is not working)
Prince - 40 cooker	28	63	For Dal , Rice cooking
SK- 14 Cooker	Nil		Students use this for water heating for bath but record not available.

iii) Food lab made 50 kg lemon pickle, 30Kg – Puran poli mix, 15 Kg - गहू चिक पावडर , wood apple jelly – 200 कौठ (800 packets), etc. Total sale from food lab is Rs.48415/-

iv) We are working on submission of VTP application form.

v) Dairy Management – Total sale : 730 lits, Income = Rs.11773 (Milk)+ Rs.2020/- (Cow dung) = Rs.13793/- . Surplus = R.1152/-

vi) Poultry – 76 birds, Poultry is in surplus of Rs.909/- as per market rate on 31st Dec

Other Tit-bits :

i) Mr.Apoorva Bajaj of Jamanalal bajaj foundation visited VA on 5th Dec to understand educational program.

ii) Donations to Vigyan Ashram –

a) Mr.Mahesh Wawalhal donated Rs.30,000/- for civil construction.

b) A group of ‘Soham Ganesh kusum Samuha’ donated Rs.41,001/- on 21st Dec. (Mr.Jayesh Kulkarni, Arvind Jog, Mohana Joshi, Sumedh Beke, Madhuri Deshpande, Priyanka Mhetre, Hemant Parkhi, Shilpa Paranjape)

VA is thankful to donors for their continuous support and encouragement.

iii) Yogesh attended MC meeting Gramin Mahila Vikasini at Khed Shivapur on 24th Dec.

iv) Ranjeet and Sachin got admission for Post graduate diploma in NGO management of S.P Jain Management Institute. They got 50% scholarship for the course. They will be attending the 6 days session every 2 months and will be given paid leave to complete the course.

iv) Environment

Rainfall of the month: -- mm, total rainfall of the year: 433 mm

Water level in the well: 1.9 meter

Min Temp – 21.22 degree, Max temp – 25.67 degree

Humidity – 85.48 %

ii) Energy consumption:

Diesel: 8 lits, Electricity (MSEB): 549 units (3 phase), Single phase bill : 773 units
Biogas consumption – 37 cubic meters
iii) Two wheeler – 296 kms

Data Report- All section wise data report are available on Google pages:

<https://docs.google.com/file/d/0B3-4RfsZ2K2Oa0JaaV9WT1Y4OWM/edit?usp=sharing>

Photo Gallery:



IBT exhibition at Shirwal high school.



हिवरा गावातील नांगराचा फाळ दुरुस्त करून ७९० रुपये मिळाले. (Pench – HKF project)



RCC practical on staff quarter's soakpit



IBT produce – Gatam (Dantewada)

December photo link –

<https://plus.google.com/u/0/photos/115031434407012310423/albums/5829139635170583617?hl=en>