

Vigyan Ashram Status Report

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Geodesic Dome Training Program

A Geodesic Dome Training program was conducted on 14th – 19th Oct at Govindnagar, (Pipariya) , Madhya Pradesh. The program was organised by 'Bhauasheb bhuskute Dharmaday Nyas'. They are constructing a training cum exhibition center for rural artisans and wanted to construct 14 geodesic domes using bamboo. Anand & Kasimbhai Inamdar give training to 25 technicians and constructed three domes during training period. Dome kits for all domes were supplied by us.



Brainstorming workshop on 'Universalisation of quality education and social justice'

Vigyan Ashram and Indian Institute of Education hosted 2 days brain storming meeting on 'Right to Education act, Universalisation of school education and social justice' on 31st Oct and 1st Nov. More than 40 participants from various organizations participated in the discussion. Dr. Anil Sadgopal guided the discussion. In depth discussion was held on the RTE , its provisions and demand for common school system. Those present includes Mrs. Leetai Patil, Mr. Arvind Vaidya, Ms Simantini Dhuru, Mrs Vidyatai Patwardhan and many others.

Visit to National Innovation Foundation (NIF)

Yogesh attended steering committee meeting on Engineering, of National Innovation Foundation (NIF) at



National Research Advisory Committee (Engineering) as a member on 17th October 2011 at IIM Ahmedabad. Yogesh visited Fab lab in Ahmedabad and also discussed possible collaborative program with NIF in Maharashtra.

On 18th and 19th Oct, Yogesh visited Sewa rural – Jagadia. They are running industry focused vocational course for tribal students from last 20 years. They have upgraded their facilities. We discussed areas of mutual co-operation and how the courses can be focused more on creating self employment opportunities in villages.

Yogesh also visited home of our alumni Vishven and Bhargav Soneji. They are doing organic and knowledge based farming and also works on

various rural technology works in the areas of Engineering and energy.

IBT School program update

1. Omkar, Vishal and Avinash attended IBT inauguration program at Pargav Tal. Ambegao school on 1st Oct.
2. Omkar visited Govigyan Kendra in Nagpur and discuss about including some of their products in IBT training.
3. IBT team started preparation and design of IBT instructors training in Nov. We have taken community hall of Jansangam in Pabal on rent for 2 months.
4. Omkar attended SSC board meeting for IBT lesson writing on 19th and 20th Oct.

Chattisgarh IBT

1. Omkar visited Bijapur and Dantewada on 10th and 11th Oct. He met CEO, Educational officer -Dantewada and submitted proposal. Dantewada education dept is selecting 30 yout for instructors training for one month in Nov 2011.
2. Omkar also visited Unicef officials in Raipur and gave them update about IBT implementation on 12th Oct.
3. An interview for FO for Bijapur was conducted on 11th Oct. Shortlisted candidate is invited for interview at Pabal.
4. We have translated 5 chapters each of two sections in Hindi and send it to Bijapur instructors.

Suzlon supported IBT

i) Diwali Activities →

Shewali, Sadhana,Aichale, Chhadwel,Sakri,Rajale,Dogarsoni,Gatnadre, Nagaj,Tisagi schools made मेणाची पणती and sold locally. These schools collectively sold 1760 Sky Lantern and provided community service of Rs.35,200/- (Rs.20 per lantern)

ii) Chadwel school organised sky lantern making competition for students. 127 students participated in it. Best sky lantern is awarded at the hand of HM. Criteria of competition also include making lantern for own use and selling at least one lantern in the village.



ii) Tisangi school made 104 greetings cards and sold it to Suzlon foundation

- iii) School children wrote their experiences about IBT and it was incorporated in Diwali magazine Chhatra Prabodhan
- iv) Aichale school completed nursery shed.
- v) Miss.Helena Muava & Mrs.Rashmi Dixhit of Suzlon foundation visited Nagaj IBT School for stake holder's evaluation exercise on 10th of Oct.

2) Inauguration of Sugyaan centre, Rajale

- i) Sugyaan centre, Rajale is inaugurated on 11th Oct. at the hand of Ms. Priya Pawar and Mr.Sharamsing of Suzlon foundation.
- ii) Photo camp was organized on 18th October at Sugyaan centre to create awareness among villagers about the Sugyaan Centre. 25 villagers visited to Sugyaan center and click their photos at our centre at nominal price of Rs. 10 for 10 Photocopies.



Pench IBT Project (Hemendra Kothari Foundation (HKF) supported Project)

- i) Students made 90 sky lantern using newly developed mould and sold it at Rs.20/- per sky lantern. We made 3 molds for 3 schools.
- ii) Final examination of short term courses is planned on 1st Nov. We are taking help of nearest technical school for setting up examination paper.
- iii) We are discussing with career & placement agency in Nagpur for placement of students trained in short term courses. Agency will find out job opportunities and also carry out aptitude test for students before enrolling them for training.



More details on : <http://hkf-vigyanashram.blogspot.com>

Finishing school progress (M/S GKN Sinter Metal Supported Project)

- i) DBRT team visited GKN company in Pune and Rajgurunagar ITI to study electrical fitting, safety precaution, colour coding and epoxy flooring. Based on their visit, requirement of finishing school building is finalized.



- ii) Electrical contractors are invited to give their quotations.
iii) New 50 PVC chairs are purchased from Pune for Finishing school project.
iv) Patrician work of Fablab & Energy/Environment section is finished.
v) Levelling of surrounding areas of finishing school building is done.
vi) All existing machines are repainted as per the colour code in the industry.

DST Core Support Projects :

A) Farmer's Group Programme -

- i) Mr. Ramkrishna Agarkar is preparing his proposal for his Producers Company. We are helping him.
ii) Ganesh visited NABARD office on 13th Oct to resolve account of Vadgaon village.
iii) On 19th of October, farmers club - Pabal organized lecture on advance techniques of Sugar cane cultivation in collaboration with AGRO-ONE newspaper. On this occasion we have distributed around Tamarind seedlings.



B) Oleoresin Project –

Work of separating vessel is at final stage. In this month, at Texol, vacuum pump was installed and tested for desired pressure. All valves are fixed and tested for 400 bar. Meanwhile because of sudden increase in gas pressure in short time in testing valves and cylinder developed cracks and leakages. In next month separator will be tested in Texol and bring to Pabal for further trial.

C) IBT Instructor entrepreneurship programme –

- Three IBT instructors from Suzlon IBT project namely Mr. Diwansign Rajput, Mr. Santosh Pagare and Mr. Rajendra Sawant (Dhule Nandurbar area) are selected for providing further entrepreneurship consultancy.
- Chikki packaging boxes are sent to Mrs. Savita Salve (IBT Pokhari school instructor), she is planning to purchase chikki from Manchar market and sell it after re-packaging with own label.



- Commercial Chikki making training is also organized in the month (10th Nov) of November for Pokhari school instructor & other interested candidates by Community food processing unit.

D) Food Lab -

- On 18th October Mr. Dipak Adak and DBRT student Mr. Nemedra participated in Mind tree exhibition organized by Infosys Hinjewadi campus. We exhibited our range of food products from community food processing unit.
- Label printing and marketing- Labels for all other products as Tamarind sauce, Pickles, Amla, Phenyl etc are printed and all

products are distributed in Pabal village.

- Drumstick leaves are very nutritious and having many medicinal properties , taking this in to consideration , drumstick powder is prepared in solar dryer and powdered. For further marketing of this product this was communicated to MR.Vinod Haritwal of Aayurved Biotech , Pvt Ltd and suggestions are taken.

E) Aquaponics Project –

Mr.Diamond Meghji, visited Vigyan ashram on 5th Oct. He expressed his full support for this project and offered all required help. He has also given contact details for required technical help in his reference.

Our trials based on NFT is having many problems regarding its growing media, fish growth, fish feed, plant growth etc. This system requires re-designing it and starting newly. Second NFT system (with ornamental fishes) is running fine with 1 tomato plant, 1 Brinjal, 1 legume plant. Plant / fish growth is fine and many new learning are been explored.

F) IBT Manuals Correction – IBT manuals are getting rechecked and revised.

G) INDUSA report -

Report of INDUSA solar cooking park is done. We are testing it for its regular use in coming days. DBRT students are given contract of maintains of solar park.

H) Meeting with Thrive and Chaitanya -

On 30th of October, we have meeting with Chaitanya NGO and Thrive Energy Pvt. Ltd in Rajgurunager. This meeting was conducted to explore possibility of collaboration with SHG network to manufacture, promote and maintain LEDs for lighting. Yogesh also met Thrive to learn about solar energy pack solution for electricity problem of Vigyan ashram.

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

DBRT update (Asha for Education supported Project)

- Shivaji Pratishthan in Rajgurunagar gave समाज परिवर्तन पुरस्कार to Vigyan Ashram on 20th Oct at the hand of film actor Mr.Ankush chowdhary. Mr.Omkar Banait and Ganesh Pingale accepted the award on behalf of Vigyan ashram in a function held at Alandi.
- Amla processing – 70 kg amla is purchased from Mr.Navanit Shah, Pabal . Mr.Navnit Shah is having 4-5 Amla plants, he was not harvesting since it is difficult and costly for transportation to pune market. DBRT students approached him and purchased his amla to market price and processed it to prepare candy.
- Mr.Daimond Meghaji visited ashram on 5th oct. He transferred funds for staff quarters. We discussed plan of staff quarter with him.
- Private order to make 20 sprinkler stand is completed by DBRT students.
- Five DBRT Students took contract of painting house in Pabal. They earned Rs.1200/- in one day.
- DBRT students attended diesel engine problem on Mr.Vinayak Jadhav’s well. They repaired diesel engine and earned Rs.300/-.
- Three new tables are made for food lab.
- Five new admissions to DBRT course.
- Students celebrated Kojagiri poornima on 11th Oct.
- Agriculture →

OPEN FARMING	COMPOSTING
Sowing a 30kg jawar for green fodder. Sowing a 3 kg Bajara for green fodder. Plantation of a Gajraj & kadi grass for green fodder	Filled 3 bed for vermi- compost & 1 wormy wash bed. Ready for sale Filled 3 bed for Dynamic compost- In progress Poly house:→ Harvesting of Zendu is going on

Other Tit-bits

Accounts

- 1) Financial advisor to IIE, Mr. Gadhe visited Pabal on 8th Oct to review our accounts. He suggested changes in our current Tally System. Mr.Gadhe will visit twice a month to help us in designing accounting system and maintaining accounts at Pabal.
- 2) **Important Visitors :**
 - i) Mr. Diamond Meghaji visited VA on 5th Sep.
 - ii) 5th Oct.- Kendur Primary School (75 Students), Kanersar Primary School (85 students), Thakarwadi Primary School (70 Students)
 - iii) Gajanan Deshpande (6th Oct), R.P. Sabnis School – Narayan Gaon, Pune, 200 Students (10th Oct). Mr.Sachin Desai (23rd)
 - iv) Miss. Alka gauri joshi (VKV arunachal Pradesh) visit to VA on 26th oct.11 ,
- 3) Environnement: Min temp 20 °c, Max temp. 35 °c
- 4) Humidity: Min 95 % Max 52 %
- 5) Bio gas data:

	Total Gas	Feed	Rate	Total
Biogas no. 1	--			--
Biogas no. 2	47.49 m3	1505 Kg	0.50	752.5
Labour				150
Total				900.5

- 6) Water level: 3.8 meter.
- 7) Electric bill – 1789 units (Rs.9204/-), Diesel for generator – Rs.2400.
 - Rainfall this Month: 525 mm, This month their is heavy rainfall Heavy rain falls on 2nd Oct 50.95mm in one hour at pabal.

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

<https://docs.google.com/spreadsheet/ccc?key=0An-4RfsZ2K2OdGFFb3BkZXJMN3JPNEczRDNkQ0xSZXc>

Photo Gallery:

More Photo's on: <https://picasaweb.google.com/vigyanashrampabal>



Medicinal Plants Sale



Students Sailing Deep in village



Students Making Awala candy



School Visit to Vigyan Ashram



Miss. Helena Muava visited Nagaj IBT school



GKN finishing School building
