

Vigyan Ashram Status Report

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- Teacher's training workshop @ National Children Science Congress.
- Entrepreneurship development training workshop
- Mr.Manmode & Ingale family from Pabal village gave donation to VA
- Unnat Bharat Technology Exhibition at New Delhi

A] 'Bhoomi Poojan' of classroom construction work -

classroom construction work started with 'Bhoomi Pujan' on 2nd December. DBRT students performed traditional Pooja. We started work with drawing layout of

foundation on ground & digging pit. We have finalized architectural and structural drawings with Arch.Mrs.Brahme. Our

alumni and civil contractor Mr.Suresh

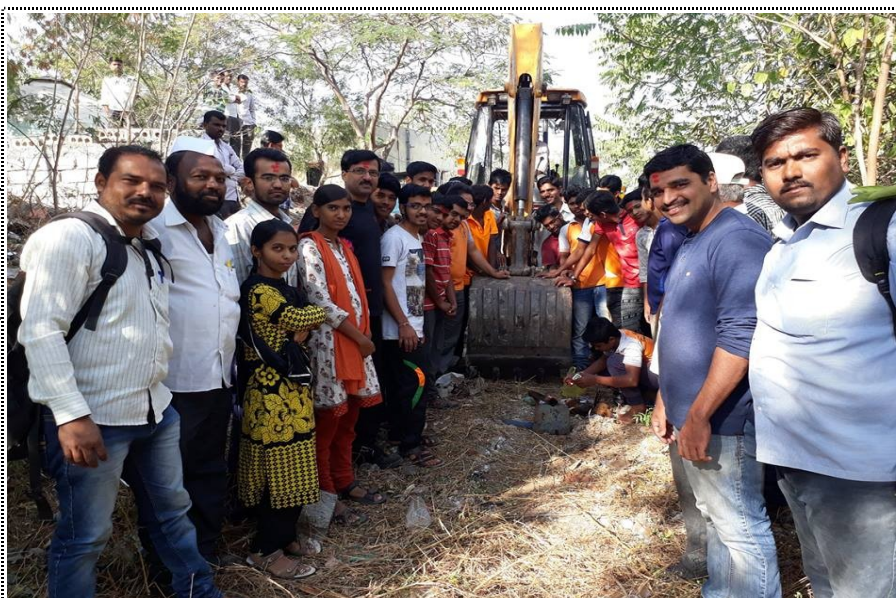
Jadhav will be contractor for the job. We are

expecting to finish construction work by end

of May 2017. New classroom will be of 2300

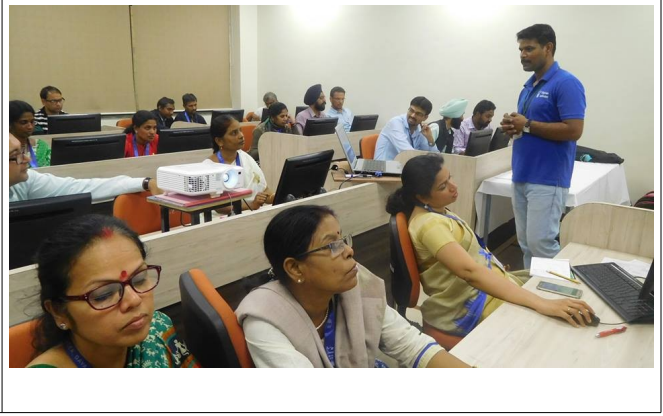
sq.ft and seating capacity of 130. Total cost of

construction will be approx.Rs.29 lacs. So far, we are successful in raising approx.Rs.16 lacs and trying to get support for the remaining amount.



B] National Children's Congress @ Baramati -

We have conducted 3 workshops for school teachers from different parts of the country at '24th National Children's Science Congress at Baramati' on 27th and 28th Dec. Theme of the workshop was on 'Using various websites and mobile apps for generating secondary data for school projects'. Hands on workshop was attended by over 96 + teachers. The content of the workshop was well appreciated.



C] Entrepreneurship Accelerator :

'Entrepreneurship development' workshop was conducted from 15th to 18th December at Pabal Campus. It was attended by 45 participants. Topics discussed are :- business planning, finance management, marketing, bankable proposal making etc. We have experts from DeAsara, 111Startsup, RangDe, SV Prommeans as faculty for the program.



Entrepreneuership training at Pabal



ii) Workshop on 'Technology based rural start-up' was conducted at Loksadhana Lokmanaya Charitable trust A/p Chikhalgaon (Tal. Dapoli Dist. Ratnagiri) on 20th & 21st December. Total 40 budding entrepreneurs attended the workshop to learn soft skills in business management.

lii) Workshop on 'Advanced techniques in goat farming' was conducted from 17th to 19th December. Training was attended by 12 farmers. They are from Mamatha makkaal mandira, a Bangalore based social organization and from Pabal village.



iv) More update on www.ruralstartup.wordpress.com

DJ DBRT Update: Student's activity highlights -

- DBRT students & staff team visited agricultural exhibition Kisan- 2016 @ Moshi, Pune on 16th December. Total of 55 students participated in this study trip to learn advanced technologies in farm equipment, irrigation, food processing etc.



- Students from workshop department fabricated & erected Pabal dome structure at Donja village near Sinhgad (Pune). Team of 7 students & instructor erected 8 M size dome under guidance of VA alumni Mr.Kasim Inamdar.

- Students from electrical department installed 'Biometric attendance device' at account section. This attendance device will be used for maintaining student's attendance record on daily basis for various short term courses. Biometric attendance is mandatory requirement for vocational training provider. We have registered first batch of 20 students under Mahakaushalya portal.

- Students from Home & Health section learnt drying of vegetables while drying 26 Kg 'Methi' (fenugreek) vegetable for Kitchen.



Classroom construction

- In agricultural session, team of students & VA alumni Swapnil Narvade built vegetable nursery (300 Ft 2) and hydroponics fodder unit in Paoolwatt campus at Pasli village.

- **E] IBT Updates: -**

- VA entered into MOU with L&T infotech (CSR) to support IBT program in 12 schools under its Corporate Social Responsibility (CSR) initiative. L & T infotech (Pune) will support IBT program at 12 Schools in Maharashtra. First pre-launch meeting with five schools management representative & Principals was conducted at Vigyan Ashram on 6th Dec. L & T infotech CSR representative Ms.Kalyani Mujumdar also participated in the meeting.



MOU Signed with L&T Infotech CSR

- 360 degree review – Annual review of Suzlon supported IBT was conducted on 14th and 15th December. As a part of review, Suzlon CSR team visited Amkhel, Chadvel, Tillali school and interacted with various project stakeholder viz students,



Suzlon CSR team visiting IBT school for 360 degree review

instructors, School admirations, parents etc. The progress is satisfactory and we are planning to improve it further.

Highlights of Students activity updates -

- Students from 9th standard at New English School, Baragaon Pimpri, Nashik designed & fabricated 'Seesaw water pump'. The idea is to fix this pump in School playground and pump water from well while playing.
- At Shree Devi Shantadurg Highschool, Vadachapat, Sindhudurg students made solar concentrator using old Dish TV antenna. The parabolic shape of TV antenna was used as reflector.

- Santa Dyaneshwar Vidyalaya, Chas, (Tal- Rajgurunagar, Pune) IBT students of agriculture section learnt mulching sheet and drip system installation on 1800 Ft² area for vegetables cultivation.

F] Update - Technology development & Design innovation centre -

- Vigyan ashram participated in Unnat Bharat Abhiyan (UBA) technology exhibition & 2nd IISF program at New Delhi during 7th to 11th December. Vishwas represented Vigyan ashram in the exhibition with various technologies like Incinerator, LED lamps, Egg Incubator etc. Sharad participated



Dr. Bhatkar visited our stall at Delhi

- in NGO conclave program and gave presentation on 'Technology transfer to the community through School program'.
- Two hydroponics fodder automation system was installed at Sinnar (Nasik) on 6th Dec. These units were distributed to marginal farmers by YUVA-MITRA organization under financial support of ILFS transportation.

- Subvir Bahaduri & DIC student Swami Kelkar visited Kudal, Sindhudurg on 20th December to conduct field trial of first prototype of 'Rice Planter. We learned few issues in our design. Now we are making necessary changes in our design.



Testing rice planter in rice field

- Under STEM project support to school students, we have conducted 2 Days workshop on 'Learning science through innovation' at Muktangan exploratory, Pune. Total 24 students participated in the workshop. They have identified the problem & designed solution through 'design thinking' approach. They will be working with VA mentors at DIY lab for next 2 months to complete their project.

G] Donation from Pabal villager Manmode and Ingale Family in Pabal village has donated Rs.51,000/- on the occasion of wedding of their Son & Daughter. The cheque was handed over by Hon.Mr.Dilip walase Patil in wedding function held at Pabal on 4th December. Dr.Arun Dixit accepted the cheque on behalf of Vigyan Ashram. Vigyan Ashram is thankful to Manmode-Ingale family for setting an example and for their commitments to the cause of education. The amount will be used for ongoing classroom construction at Vigyan Ashram.



H] Other tit-bit -

a) Yogesh and Ranajeet participated in 7th STARs forum conference on 10th & 11th December at Chinmayaswami Seva Trust, Sidhbari, Dharamshala (Himachal Pradesh). Yogesh is Chairperson of the STARs forum. Conference was attended by 80 delegates and theme was 'Entrepreneurship & Self-employment opportunities for economically backward'.

b) Yogesh visited Banasthali Vidyapeeth and Barefoot College in Rajasthan on 16-17th Dec as a part of DST Expert committee to evaluate the proposal.

c) Yogesh delivered talk on 'Vocational Education in secondary school' at Marathi Vigyan Parishad - annual conference at Thane on 18th Dec.



At Marathi Vidnyan Parishad

d) Pawan conducted 1 day awareness workshop on ' Entrepreneurship & StartUp Mission' for 250 students from Arts, Commerce , Science faculty at CT Bora college Pune on 10th December.

e) Brainstorming meeting on 'Skill-On-Wheels' project conducted on 19th December at JP Naik centre , Pune. Objective of the meeting was to discuss new cost effective & larger impact model of 'skill training' for rural livelihood.

F) Ms Thanh chu (USA) and Anirudh Nippani (Dharmashala) joined VA as intern for 3 weeks. They will be working on developing plastic injection molding machine.

G) Students from SBIM Pune visited VA campus on 5th December and helped DBRT students in various campuses maintain work 'Shramdaan' activity.

H) Weather record – Rainfall – 0 mm (Total 333.18 mm) ,Max temp-25.29 °C, Min Temp – 14.29 °C , Humidity – 61.25 % , Water height in well – 6.49 Meter.

I) Energy consumption record- Electricity unit – III Phase -1091, I Phase -682.
Quality of power : Number of interruptions : 110, Normal voltage : 88.66%, No supply : 8.95 % , low voltage : 1.65 % , high voltage : 0.74 %

J) Biogas consumption – Dung used-815.15 Kg, Gas produced- 42.81 M3.

K) Total visitors to www.vigyanashram.com – 1929 (Visitor – 1331 Viewers-598) , www.dsttara.in : Total Visitors: 587 (New-510 , Repeated –77)

Data Report:

https://drive.google.com/open?id=0B_Jk2xLqAXjcSFc2U3BmNIBkdnE4UG9mM3d5cnZ0X0dfb1hR

Photo Gallery:



STARs forum at Dharmashala



Hydroponic unit installed at Sinnar



DBRT : Fish farming in farm tank



Project making workshop at Mukangan



Pawan @ Bora college :
Entrepreneurship awareness camp



Skills on Wheel - Brainstorming
meeting on 19th Dec.



Dryer made @ Pargaon IBT school



Fab Product : BIOME automation
system

For Regular update: www.facebook.com/vigyan.ashram.pabal

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