

# Vigyan Ashram Status Report

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### A] Renovation of Director's office

Office of Director of Vigyan Ashram was unchanged since beginning. It was occupied by Dr.Kalbag and we have sentiments associated with the office. Therefore, we were reluctant to do any changes in the office. It was having some operational problems like no space for awards received to VA, TV screen for presentation, not sufficient space to accommodate people etc.

Dr.Yogesh Kulkarni was on study leave for two months. While he was away, VA team seized the opportunity and renovate Director's office. It was pleasant surprise to Yogesh Kulkarni on his return on 7<sup>th</sup> Oct.

DBRT student Sohan, Krushna and Adesh undertook the task as their project work. Total cost of renovation was Rs.4352. We used most of the scrap material from other construction work.

Office was formally inaugurated at the hands of students who had carried out all physical labour for the renovation.



Director-VA Office



Team responsible for the makeover

### B] DBRT Agriculture Dept is in full swing

We have 945.28 mm rain fall this year. It is highest in last 10 yrs. Our farm tank is full and agriculture dept activities are in full swing. We have created two new plots for fodder cultivation.

We have following plots under cultivation : Jawar (2.50 Acre), Lucerne ( 4.26 Gunta ), Maize ( 4 Gunta ), Methi ( 2.30 Gunta).DBRT Students visited BAIF- Urali Kanchan research centre to study various varieties of fodder crops. Students got napier grass cutting from BAIF and planted it on 4 gunta area.



Plantation of Napier Grass (काडी गवत लावताना)



Lucerne grass cultivation (लसूण घास चे क्षेत्र)

### C] Soft skill Training for VA staff

We have engaged Swasti Institute for Learning and Development Pvt. Ltd to conduct soft skills training for VA team. Mrs Swati Karve of Swasti is a professional trainer with lots of experience in soft skills training in India and abroad. She has designed a training program for our team considering our needs. Training includes Team Building and Communications, Motivation Training, Personal Development, Process Interventions. We have planned series of workshops. First workshop was conducted on 1<sup>st</sup> and 2<sup>nd</sup> July. Second workshop on communication skills was conducted on 9<sup>th</sup> Oct at Pabal.

We are finding this exercise useful for behavioral change in VA team and orient everyone to the mission and goals of the organization.

### D] IBT Schools HM Meet & project review workshop:

IBT Schools headmasters meet & project review meet was conducted @ Pabal on 7th October. Meet was aimed to discuss important activities conducted through IBT program during on-going academic year, output and difficulties observed by schools administrations. The workshop was mainly focused on IBT program running in Pune districts with help of LTI infotech CSR support. Total of 23 administrative staff from 13 Schools participated in workshop to give their feedback. Anagha Joshi & Ms. Rutuja (Chhaya Strategic Advisors), Mr. Wasim Shaikh (CSR manager LTI) guided the participants regarding on importance of outcome record keeping, expectation of various stakeholders & strategy to overcome difficulties in implantations.

### E] IBT Update :

IBT schools in Maharashtra & Chhattisgarh state was busy in completing planned learning & community service activities of 1st semester of their respected classes. Following are some of the important highlights of their work during October month:

- A team of students & instructors from 4 IBT schools exhibited various innovative IBT-product at LTI Hinjawadi headquarter on 22nd October as Diwali festival sales exhibition. They exhibited & sold products like LDR sensor based Diwali lanterns, LED decoration lamps, traditional festival food products etc



worth Rs.11730/-. The campaign has helped to create awareness about IBT program & generate interest among LTI employees for school volunteering program.

- IBT students of Dada Maharaj Natekar School, Chikhali & Sumati Balbhavan, Katraj has organized 'Diwali Bazar' exhibition in their respected schools to sold various traditional festival products & learn marketing & presentation skills. Students of Katraj schools also conducted health campus while



learning checking of blood pressure, blood group, BMI etc around 50 participants.

- A 3 D designing & printing workshop was conducted in New India Schools, Marunji (Dist-Pune) on 30<sup>th</sup> September & 1<sup>st</sup> October. They designed & printed demo models of plant cell, black board duster etc during workshop.
- On 3<sup>rd</sup> October, Sachin & Mahendra

presented progress of Model-IBT schools project in a meeting with PRAJ foundation (Pune). Progress made in project so far, difficulties & course of action and need of instructor training was discussed in meeting.

- On the occasion of Diwali, IBT students from Bijapur and Naimed potacabin schools (Chhattisgarh) organized a IBT product exhibition and sale on 23<sup>rd</sup> and 24<sup>th</sup> October. Students exhibited and sold IBT products such as different types of candles, Diwali Diyas, Decorated Kalash, LED strips, Flower pots, Photo frames, greeting cards, etc. Sold items of Rs. 11605. Exhibition was visited by 400+ students and villagers. District administration IBT activities & students efforts. Video link by local media coverage - <https://bit.ly/2YbQSfm>

**F] DBRT Updates:** DBRT internal examination was held from 22<sup>nd</sup> to 25<sup>th</sup> October. We had Diwali vacation for 10 days. Students will join new section Post Diwali.

Following were some of the highlights of their learnings activities-

- On 17<sup>th</sup> October, Mr.Vijay Kulkarni & Mr.Bapurao Barhate(Senior Manager,BAJAJ electricals) (Ranjangaon, Pune) conducted session on 'workplace safety' for DBRT students. They also



**Safety training for DBRT**

guided students on various new skill training opportunities & carrier options. We are thankful to BAJAJ electrical team for their support & guidance to students.

- Energy & environment section students, learnt dumpy level & 'A' frame survey techniques for watershed management.
- Students in workshop department fabricated shed for kitchen porch & newly constructed bakery unit. They earned a labour charge of Rs.3560 on total fabrication value of Rs.40798 in their section.
- Students in Home & Health section prepared 'Pooran ready mix' on occasion of 'Dasara' festival. They earned Rs.2800 while selling various food products in their section.
- DBRT students celebrated 'Dasara' @ 8<sup>th</sup> October and 'Kojagiri' festival @ 13<sup>th</sup> October in campus. They did 'pooja' of various tools-equipment's in campus, enjoyed treat of flavoured milk, bone fire & dance while learning event management, team working etc.
- **Wikisource Advance Training:** . Komal, Priyanka and Pooja participated in a 'Wikisource advanced training workshop' at 'Gokhale Institute of Politics and Economics' organized by CIS-A2K on 11<sup>th</sup> to 13<sup>th</sup> October. Workshop was aimed to teach Wikisource content creation with hand-on learning & practice sessions on proofreading, global best practices, Wikidata linkup etc.in various Indian languages
- Two groups of girl students from Pabal College are coming for Solar lamp installation project and for laser cutting trophy making.



#### G] Technology development, DIC Update :

- Ranajeet presented paper 'Implementation of Gandhian Ideals for Higher Education : A Vigyan Ashram Experience' at Gandhi Discussion Meet -2019 during 4-5th October . Conference was held at National Institute of Education Planning and Administration (NIEPA), New Delhi. A paper was based on our experience in implementing Nai Talim philosophy of Education through DIC program.

#### Composter project

- New model of society composter is installed at 'Kumar Padmalaya' society in Aundh. This model has modified unloading hopper, reverse-forward mechanism & SS mesh based curing bags.
- Dr.Dixit gave talk on composting in awareness lecture organised by Alandi Nagarparishad in collaboration with Greeny-thegreat on 18<sup>th</sup> Oct at Alandi.



Hexagon shape housing society composter



Bio-waste composting awareness @ Alandi

- FABLAB conducted 1 day training workshop on 'Printed Circuit Board'(PCB) designing & milling on 10<sup>th</sup> Oct for 40 students of 'Awsari Government Polytechnic' college (Tal- Ambegaon, Pune).
- Aquaponics : In fish farming trial, Silver & Common carp fish were harvested from aquaponics based nursery tank. The fish were transferred to bigger farm tank for further farming. Total of 5000 fish fingerlings with average size of 10 gm were transferred to farm tank.
- Under BAJAJ auto CSR supported 'modernization of agricultural & animal husbandry section' project, work of dairy & goat farm repair & reconstruction work, construction of dry fodder storage, vemi-composting beds etc are started. In tissue cultural lab, work of banana & rose propagation are underway. Primary aim of these trials is to learn various tissue culture practices.

**Selco foundation collaboration :**

- Mr. Finias Magessa (Tanzania), Sarah and Prashant from SELCO foundation visited VA on 23rd October to learn our learning methodology & rural technology dissemination model.
- Rahul attended 1 day training session on 'Finance and Program Controls' organized by Selco foundation at Bengaluru on 22nd October. Training was aimed to introduce various accounts management practices expected by selco foundation in project implementation.

Article of VA alumni @ 14<sup>th</sup> October Agrowon newspaper

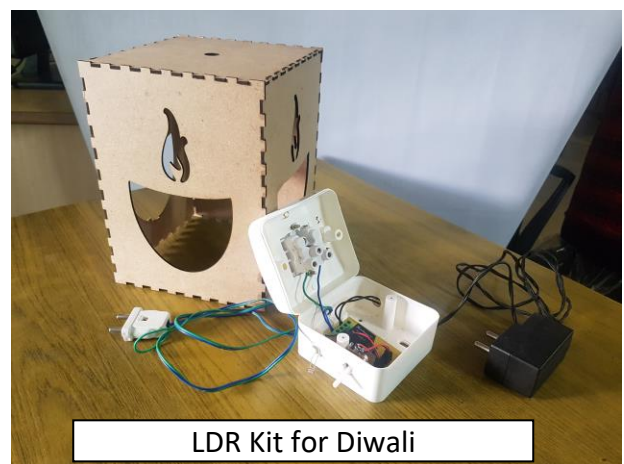
**H] Digital-Diwali camps @ DIY lab Pune & Pabal:**

Following workshop were conducted at DIY lab, Pune.

- 'Diwali fort' making workshop on 20th October
- Shree Sant Namdev High School (Electronic Complaint Box) on 9<sup>th</sup> & 10<sup>th</sup> Oct 2019  
Rural (IBT) 3D Design & 3D Printing Workshop at New India School on 30<sup>th</sup> Sep & 1<sup>st</sup> Oct 2019. Total 15 Students made Science object like Animal & Plant Cell, Polar Covalent Bond, Duster Box, etc.
- Students in 'Grammangal school' made 10 LDR based lanterns. Please visit below links to see progress  
<http://vigyanashramredx.wordpress.com;>  
<https://diymakerspace.wordpress.com/events/>

**I] Other tit-bit –**

- Sachin attended TAP RISE project review meeting at DA, Delhi @ 22nd October. Along with DA team he presented work done in project DST-SEED division officers.
- Dr.Yogesh Kulkarni visited Delhi on 24<sup>th</sup> and 25<sup>th</sup> Oct to participate in Expert committee meeting of DST.



LDR Kit for Diwali

v) VA management committee meeting was held on 19<sup>th</sup> October at Pabal. Meeting was attended by Mr. Ashok Kalbag, Mr. Mahendra Rajgude, Mr. Sunil Kulkarni (through video conference), Dr. N.S Nikam, Dr. Suhas Altekar and Dr. Yogesh Kulkarni. Various operational and administrative issues were discussed and decisions were taken.

vi) Weather record – Rainfall of the month -214.53mm mm (**Total – 945.28 mm highest rainfall during past 10 years**), Max temp-34.00°C, Min Temp – 21.00°C, Humidity – 92%, Water height in well – 3.27 Mtr.

vii) Energy consumption record- Electricity unit – III Phase -1086 units, I Phase Export- 187 units, Import- 816 units. Quality of power : Number of interruptions : 94, Normal voltage : 46.29% No supply : 26.11%, low voltage : 4.27%, No data: 23.33%.

viii) Biogas consumption – Dung used- 00 Kg, Gas produced- NIL xii) Two wheeler – 413 Km, petrol consumption – 5.5 Lit

ix) [www.dsttara.org](http://www.dsttara.org) – 1093 (New visitor –945 Repeated- 148), [www.vigyanashram.com](http://www.vigyanashram.com) – 1050 (New visitor – 854 Repeated-196)



Wikisource workshop participants @ 'Gokhale Institute of Politics and Economics' Pune.

**Data Report:**

[https://drive.google.com/open?id=0B\\_Jk2xLqAXjcRVZYSTZNRDRubUNhc0poUmZkaEczbC10VzVv](https://drive.google.com/open?id=0B_Jk2xLqAXjcRVZYSTZNRDRubUNhc0poUmZkaEczbC10VzVv)

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**Photo Gallery:**



DBRT Students harvesting fish from aquaponics nursery



DBRT students visiting layer poultry farm @ Uralikanchan



Students of Padsare Schools learning ferrocement



review meet of LTI supported IBT schools.



DBRT Electrical : Solar panel maintenance



DIY Lab students with laser cut 'Diwali forts'

Festival Season @ Vigyan Ashram : Diwali ; Dasseara ; Kojagiri

