

# Vigyan Ashram Status Report

Volume 34 Issue 05

May 2016

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### A. ‘Group Monitoring Workshop (GMW)’ & Technology Exhibition

Vigyan Ashram co-hosted “Group Monitoring Cum Consultative Workshop-2016” of DST supported Core group organizations. It was held at BAIF, Pune during 13<sup>th</sup> to 15<sup>th</sup> May. The workshop was aimed to review work done by CORE groups under DST support. Workshop was attended by 80+ participants from 26 CORE support organization’s from all over India. VA took the responsibility of organizing exhibition of technologies. The exhibition was inaugurated by DST Secretary Prof. Ashutosh Sharma. VA also updated profiles and technology details of all organization on portal [www.dsttara.in](http://www.dsttara.in)



during the workshop. We have exhibited technologies developed by VA viz. Rice-De-husking, Egg incubator, Soil moisture sensor, LED lamps etc. Ranajeet gave presentation to expert committee about the progress made in 2015-16. We also showed documentary on fab labs during the meeting.

### B. Inauguration of ‘Technology Demonstration Park’

We have developed ‘Technology Demonstration Park’ through DST support on VA campus. This will help to showcase all our technologies at one place for visitors. After DST- GMW, on 15<sup>th</sup> May, 22 members from various organizations visited VA, Pabal Campus. We took this opportunity to inaugurate newly built “Technology Demonstration Park” at the hands of CORE support group members. This park was built by DBRT students as their project work.



### C. Electrician course started in Aurangabad

VA in collaboration with Paryay is starting electrician course at Aurangabad. Orientation of Paryay team was done at Pabal on 5<sup>th</sup> May. Tools purchase and basic setup of the course was carried out on 20<sup>th</sup> – 22<sup>nd</sup> May. We have admission of 27 youth so far and course will start from 7<sup>th</sup> June. The course is supported by M/S Megger (I) Pvt Ltd.



### D. IBT Updates

#### a) IBT Maharashtra –

- IBT team conducted training need assessment survey for Maharashtra Schools and prepared instructor's training plan. We have planned two different training programs based on newly designed L1 & L2 syllabus. Training will be conducted in June 2016.
- IBT team completed grading of schools based on performance of the year 2015-16.
- Tool list and activity plan (syllabus) for L1 & L2 is finalized and translated to Marathi.

#### b) IBT Instructor training programme @ Bijapur (Chhattisgarh) -

- Instructor training program was conducted at Dantewada for IBT schools in Chattisgarh from 26<sup>th</sup> to 30<sup>th</sup> May. This training was aimed to introduce few new technologies to instructors along with new community service activities. Total 62 IBT instructors from 17 Schools participated in this training.
- IBT School in Jashpur completed preparation for starting IBT program with the purchase of tools, selection & training of instructors.
- Unicef auditor visited Pune office on 24<sup>th</sup> May for regular account audit.



### E. DBRT Updates

- 51 DBRT student from batch 2014-15 and 19 from 2013-14 attended certificate examination of National Institute of Open School (NIOS). The examination was conducted at VA during 6<sup>th</sup> to 11<sup>th</sup> May.
- DBRT Home & Health students developed salt blanching process for Moringa leaves drying. This process is developed to solve mouth etching problem of Moringa powder. Blanching process will be adopted by Mr.Pramod Pansare of M/s.Srinath food products (Pabal), for commercial production of Moringa leave powder.

- DBRT workshop students repair & fabricated roof structure of VA office (director's cabin) and repaired kitchen chulla room with total billed amount Rs. 35999.00.
- Energy & Environment students learnt motor re-winding skill, while repairing 3 Phase bore-well motor and also completed wiring work of newly started soil-microbiology laboratory.
- Agricultural section students did soil analysis for 53 samples and calculated fertilizer dose with total community service of Rs.4100/-
- DBRT agriculture student Pranav, provided basic poultry rearing training for paoolwat organization staff & students at Pasli village in Velha taluka of Pune district. This will be poultry farming demonstration & training unit for tribal farmers.
- CCTV cameras are installed on ashram campus.



#### F. Entrepreneurship accelerator programme-

- DBRT alumni Ramsingh Bishram from Melghat got first installment of Rs.1Lakh for starting agricultural tools fabrication business at his native Dharni village of Amravati district from RangDe.
- TIED fellow Dattatrye Chaudhari completed his fellowship tenure with 5 months training on motor rewinding business. He saved Rs.20,000 while working in VA, and use these savings to purchase initial tools to start his enterprise at his native Navegaon village in Shirdi Taluka.
- Pawan conducted awareness camp on 13<sup>th</sup> May for ITI Ghodegaon students based on theme of "IDEA To Rural-start up" !
- More update on [www.ruralstartup.wordpress.com](http://www.ruralstartup.wordpress.com)



#### G. Technology development update –

- One unit of Rice De-husking machine was delivered to Paoolwat at Pasli village (Velha).
- Egg Incubator was dispatched to Vanbandhu College of veterinary science and Animal Husbandry college.
- Vishwas developed first prototype of Solar Sanitary Pad incinerator. This prototype is under testing.
- Vigyan Ashram featured among top maker spaces in India :



<http://www.thebetterindia.com/53681/10-makerspaces-build-innovate-invent/>

## Design Innovation Centre (DIC) updates-

- i) Fab Academy students underwent group workshop with Francisco of Beach Lab at Tata Center-Fab lab from 13<sup>th</sup> – 16<sup>th</sup> May. An objective was to solve difficulties in completely assignments.
- ii) FabEd workshop was conducted from 2<sup>nd</sup>– 4<sup>th</sup> May for high School students. It was residential workshop and 12 students participated in the workshop. They learn basic digital fabrications skills while using 3 D printer, lesser cutter and designing software's.
- iii) We have selected fellows for DIC. Vijay Erande and Prachi joined DIC program. For updates on DIC students & their projects please visit [www.vadic.wordpress.com](http://www.vadic.wordpress.com)
- iv) Mr.Vilas Rabde, Mr Pramod Bapat (6th May) Mr Girish Kulkarni (10th May) & Mr Vijay Ghate (22 May) visited Vigyan ashram to mentor DIC students on project development process, electronic controller and Marketing strategy.



## Other tit-bit –

- I. VA tractor provided community service of Rs. 18600, while performing various land preparation work for Pabal farmers.
- II. Pawan Bhaise resigned from his work, he was working as skill training coordinator at Balrampur from past 2 years. Similarly, Mr.Vijay Adhav resigned for better opportunity. We wish him best luck for his future endowments!
- III. Yogesh visited Tata Center to discuss school program on 16<sup>th</sup> May,
- IV. In an unfortunate event, two engineer fellows ran away from ashram with their project material. They were objected and questioned for indisciplinary behavior on the campus.
- V. Weather record – rainfall of the month -21.51 mm (Total rain fall for monsoon Yr 2015-16 – 501.68 mm) ,Max temp-37.09°C, Min Temp – 17.7°C , Humidity – 45.55 % , Water height in well – 8.03 Meter.
- VI. Energy consumption record- Electricity unit – III Phase -337, I Phase -960. Quality of power : Number of interruptions : 187, Normal voltage : 88%, No supply : 9.45%, low voltage : 0.93%, high voltage : 0.83%
- VII. Diesel consumption for generator- 0 lit.
- VIII. Biogas consumption – Dung used- 758.5 Kg, Gas produced- 1422.25 Ft3.
- IX. Two wheeler – 860 Km, petrol consumption – NA
- X. Total visitors to [www.vigyanashram.com](http://www.vigyanashram.com) – 1919 (New visitors- 1423 , repeated visitor-496)
- XI. [www.dsttara.in](http://www.dsttara.in) : Total Visitors: - 1614 (New: -1244 , Old: -370 )

Data Report:

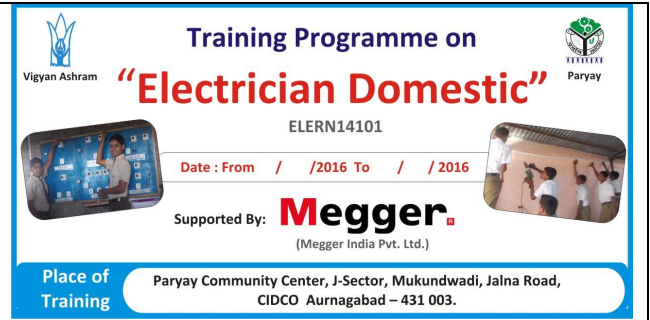
<https://drive.google.com/file/d/0B3-4RfsZ2K2OeG81V3IQSG5DVFU/view?ts=574e8abf>

(Work of VA is supported by Asha for Education, Unicef, Govt of Chhattisgarh, Lend-a-hand-India, Suzlon foundation, Wildlife conservati on Trust, Dept of S&T, RGSTC, Praj foundation and many individuals and foundations)

**Photo Gallery:**



Evening Discussion : Group activity



The poster features the Vigyan Ashram logo on the left and the Paryay logo on the right. The main title is "Training Programme on 'Electrician Domestic'" in large, bold letters. Below the title is the code "ELERN14101". The date is listed as "Date : From / /2016 To / /2016". It is supported by "Megger" (Megger India Pvt. Ltd.). The training location is "Paryay Community Center, J-Sector, Mukundwadi, Jalna Road, CIDCO Aurnagabad – 431 003." There are two small inset photos: one showing a person at a computer and another showing a group of people working on a project.

Electric wiring course poster : wiring course



Fab-Ed workshop students with their design projects.



VA exhibit during DST GMW workshop



Rural Entrepreneurship awareness camp @ ITI Ghodegaon.



DST Core members visit to Vigyan ashram Campus

For Regular update: [www.facebook.com/vigyan.ashram.pabal](http://www.facebook.com/vigyan.ashram.pabal)