

विज्ञान वाहिनी



संवाद आणि कृतिगट



VIDNYANVAHINI, PUNE ANNUAL REPORT 2018-2019

Public Charitable Trust
Registration No E 2024, Pune
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◀ Chemistry experiment



Physics Experiment ▶



◀ Biology Class

Founder Members:
Pushpa Deshpande & Madhukar Deshpande

President: Sharad Godse
Coordinator: Jayant Phalke

Members of Dialogue & Action Group (DAG)

DAG is a group of volunteers working for Vidnyanvahini.

- | | |
|-------------------------------|----------------------|
| 1. Ambekar Aparna | 15. Mungel Nalini |
| 2. Bapat Kirti | 16. Pande Nandan |
| 3. Bhadabhade Mukund | 17. Pande Preetima |
| 4. Deshpande Pradnya | 18. Parchure Urmila |
| 5. Dewal Dattatray | 19. Parkar Shubhangi |
| 6. Dixit Vinayak | 20. Phatak Kiran |
| 7. Erande Vivek | 21. Prabhu Ashok |
| 8. Ghamande Satish | 22. Rege Nirmala |
| 9. Godse Sharad | 23. Sapre Achyut |
| 10. Godse Snehal | 24. Sathe Anita |
| 11. Joshi Shailaja | 25. Shaikh Atik |
| 12. Kandalgaonkar Suvarnalata | 26. Wagh Yashashri |
| 13. Khasnis Sandhya | 27. Yerunkar Suresh |
| 14. Lohotekar Jyoti | |
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Mobile Science Laboratory

Annual Report for the period April 2018 to March 2019

About Vidnyanvahini

Vidnyanvahini's mission is to reduce the gap in the standards of science teaching between rural and urban schools by offering rural school children a means of learning science through laboratory experiments.

The flagship project of Vidnyanvahini is the Mobile Science Laboratory (MSL), a minibus designed to accommodate storage for lab apparatus, audio-visual equipment, and laptops, an uninterruptible power supply powered by the engine battery, a portable generator, foldable lab-tables and a small washroom with an overhead water tank.

The backbone of Vidnyanvahini is its team of volunteers consisting of retired scientists, engineers, and science teachers collectively called the Dialogue and Action Group (DAG). The MSL carries a team of six or seven members of DAG to the selected school on a given day. Priority is given to small rural high schools, which lack a science laboratory and do not enjoy state grants. During a tightly organized full-day session, students perform some science experiments themselves in groups of 4 to 6 and observe demonstration of some others. The theoretical principles underlying the experiments are explained to them with the aid of educational audio-visual material and/or models.

A schedule of school visits is prepared in May for 6 months of the 1st term and during Diwali holidays for the 2nd term. All the days from Monday to Friday are scheduled except holidays and exam-days.

In addition to school visits, a few teacher-training workshops are held to enhance science-teaching skills among rural school teachers. An annual student camp seeks to expose rural students to a wide variety of science and technology related topics through presentations from subject experts and visits to factories / laboratories / Defence Establishments etc. Several book-bags are also circulated among schools to act as mobile libraries.

Vidnyanvahini is a not-for-profit organization constituted as a public trust, which does not charge schools for its visits and operates solely on public donations. In January 2019 Vidnyanvahini completed 24 years of service. During this period the Mobile Science Laboratory has travelled about 3,37,657 kms while making 3,350 school visits and touching the lives of about 3,84,735 rural students spread over 25 districts of Maharashtra. Over the last few years Vidnyanvahini has also been venturing out of Maharashtra through school visits in the states of Arunachal Pradesh, Nagaland, Bihar, Assam, Jharkhand, Madhya Pradesh and Karnataka.

This report summarizes the activities of the organization for the period April 2018 to March 2019.

Vidnyanvahini activities at-a-glance

1. Number of Mobile Science Laboratory (MSL) visits	146
2. Number of visits to unaided or partly aided schools	21
3. Number of students who benefited by the MSL visits	22,335
4. Number of outstation visits (each lasting 5 - 6 days)	10
5. Number of Kms logged by the MSL	14,257
6. Number of days - Vidyarthi Shibir 5 days and Vidnyanvahini-IISER workshop 5 days	10
7. Number of schools using mobile library	4

These activities are described in detail in the following paragraphs.

School Visits

Apart from visits to schools in and around Pune (which are covered during a single day) Vidnyanvahini also undertook 10 out-of-town visits, typically lasting five to six days each, to the following places: Andur, Madha, Pandharpur, Bhimashankar, Islampur (2), Walwa, Basarge, Chiplun and Parner. These visits were sponsored by organizations/ schools in those places and were used to cover rural schools in the surrounding areas.

During the year, 146 visits were made to rural schools falling in state of Maharashtra, by the Vidnyanvahini team.

Of the above school-visits 5 schools were visited using a hired vehicle. These were schools whose requests for Vidnyanvahini visits could not be fitted in the regular schedule of MSL visits.

“आपण आमच्या 'अभिनव विद्यालयात' येऊन आमच्या विद्यार्थ्यांना विज्ञान प्रयोगांचे मार्गदर्शन करून त्यांच्याशी हितगुज साधण्याचा प्रामाणिक प्रयत्न केला..... आपला हा प्रयत्न आम्हाला नाविन्यपूर्ण म्हणून खूप आवडला. आपल्या हातून असेच कार्य घडत राहो. आपल्या कार्यास, विद्यार्थ्यांना निस्वार्थ भावनेने काहीतरी देण्याच्या वृत्तीस माझा सलाम.....”

गायकवाड सर.

Mobile Library

To encourage the habit of reading among students, Vidnyanvahini has been circulating book bags among schools. Each bag contains about forty books on science and related subjects and is kept in a school for a term. During 2018-19 this 'Mobile Library' was used by four schools.

Science Centers {Kendras}

Apart from Vidnyanvahini's Mobile Science Laboratory which travels all over Maharashtra, we thought of starting stationary science centers at few places with an objective of making science-facilities available to students studying in the nearby places around the location of the center. Accordingly Vidnyanvahini has established three science centers with the help of the local NGOs at the following places.

1] Gramin Vidnyan Kendra at Andur, Taluka Tuljapur, District Osmanabad

This center has been started with the help of Halo Medical Foundation. There are number of apparatuses kept at the centers. Students from around 35 schools from nearby villages come to the center on the pre-planned day. The students are given proper training on topics and afterwards they perform hands-on activity in physics, chemistry and biology. Students from each school visit the center four times in an academic year.

There are more activities such as competitions on essay writing, elocution, project making, camp of two days to celebrate science day every year are the highlights of various activities. Presently Durgadevi Charitable Trust provides financial support to the center. They also assist some students by awarding scholarships.

2] Vidnyan Kendra at Ratnagiri-Rajapur

Our MSL visits many schools in Konkan area. However, the students in schools get an opportunity to learn Science through demonstrations or with hands-on activities only when our MSL goes to their schools. Moreover the teachers do not have necessary supporting teaching aids for use while teaching topics. We thought of providing necessary kits to a group of schools. The kits were stored in Gaokhadi School which is situated between Pawas and Adivare in Ratnagiri and Rajapur districts respectively. We selected seven schools at a maximum distance of 10 kms from Gaokhadi. The teachers of those schools manage to take whatever material they wish to have on returnable basis whenever they wish to. To avoid transportation of chemicals, separate kits of chemicals have been kept in each school.

Automotive Research Association {ARAI}, Pune financially supported the activity initially.

“विज्ञानवाहिनी, पुणे यांचे मार्फत आमच्या शाळेत वापरण्यासाठी जे विज्ञान साहित्य दिले गेले त्याचा अतिशय चांगल्या प्रकारे उपयोग येथील विद्यार्थ्यांना प्रयोग दाखवण्यासाठी शिक्षकांकडून केला गेला. अशा प्रकारच्या विज्ञानविषयक उपक्रमात आम्हाला सहभागी केल्याबद्दल धन्यवाद!”

– श्री. महाकाली इंग्लिश स्कूल व कनिष्ठ महाविद्यालय, नवेदर (अडिवरे), राजापूर.

3] Islampur Vidnyan Kendra

We started this Kendra on a similar basis as the above Kendras. Here students from schools come to the Kendra to perform experiments in physics, chemistry and biology as is being done at Anadur while some schools are allowed to take the material to their schools, on returnable basis, whenever they teach a particular topic. In addition to these our volunteers, either from Pune or devoted teachers in and around Islampur, who have come forward to work for the center honorarily, visit schools carrying the material. Dr. Anil Mali has provided three rooms in his hospital/bungalow for use of center's activities. Giant group of Islampur Pearl has been assisting the activities.

During the academic year, 2018-19, Science Centre in Islampur has performed well.

Sixteen schools in and around Islampur used the facility and the students covered were more than 1154. Mr. Vinayak Dixit, one of our DAG members who has shifted to Islampur, is taking an active part in the activities of the center. 2019 is being the International Year of Periodic Table, we organized one competition among students on 'Periodic Table'. 1100 students from various schools from Islampur and Shirala districts appeared for the same. We awarded prizes to first 3 students at a function organized by Giant Group of Islampur Pearl.

Rajgurunagar

A joint educational programme for primary school students by 'Mumbai Mata Balak Sangopan Sanstha' and Vidnyanvahini has been started at Rajgurunagar. The objective of the programme is to create interest, curiosity in science and to develop scientific attitude in students while learning. The main idea and aim under this scheme is to reach the students living in remote hilly areas. Local teachers are involved in the programme of making students understand science through interesting simple experiments. Students get hands-on experience under teachers' guidance. Students are encouraged to ask questions and discuss the experiments. In order to achieve this Vidnyanvahini has provided sets of different scientific experiments and gadgets.

We have provided 9 sets of experiment boxes. Those were circulated periodically to various schools. Our volunteers visited some schools number of times while school teachers manage to conduct the programme themselves in other schools.

“विज्ञानवाहिनी पुणे ह्या संस्थेच्या माध्यमातून खेड तालुक्यातील जि.प.शाळांमध्ये तसेच हायस्कूलमध्ये विज्ञानाचे प्रयोग प्रत्यक्षरित्या करून दाखवून विद्यार्थ्यांच्या प्रश्नांचे निरसन करून दिले जाते. इयत्ता १ ली ते ४थी साठी वनस्पतीशास्त्र, भौतिकशास्त्र, रसायनशास्त्र यासारखे प्रयोग दाखवले जातात. ह्यामुळे विद्यार्थ्यांची विज्ञानविषयी जिज्ञासा वाढीस येताना दिसते. त्यांना निसर्गाचे, वस्तूंचे निरिक्षण कसे करायचे ह्याची माहिती व मार्गदर्शन मिळते. विशेष म्हणजे हे प्रयोग सर्व विद्यार्थ्यांना हाताळता येतात. त्यामुळे प्रत्येक विद्यार्थी प्रयोग करून पहातात. ह्यामुळे विज्ञानविषयी गोडी, आवड, जिज्ञासा, आकर्षण निर्माण होत आहे. मी संस्थेच्या वतीने सर्व टिमचे आभार व धन्यवाद मानते.”

...स्वाती शिंदे, मुंबई माता बाल संगोपन संस्था

We had very good response and enthusiasm from students. Students have many questions to understand 'how and why' behind many things happening around them. A 2nd grade girl asked that whenever man-made object - lab goes near the Sun, how it does not burn? At that time Parker Solar Probe was sent by NASA towards Sun.



Vidnyanvahini Shibir: (17 June to 21 June 2018)

Vidnyanvahini has been conducting an annual Vidyarthi Shibir (student camp) in Pune from 1996. The camp attended by students of rural schools seeks to widen their knowledge horizon by exposing them to a diverse range of experiences through visits to industries, defence units, laboratories, lectures from experts, introduction to activities such as origami, yoga, archery, and so on.

This shibir at Sumitra Sadan in Pune was organised for 10th grade students from various rural schools in Maharashtra this year too. In all 17 boys, 16 girls and 7 teachers from various places like Chiplun, Daund, Chalisgaon, Jalgaon, Rajapur, Surodi, and Sangola attended the shibir. The highlights of the programmes were as follows:-

1. Vidnyan Kirtan by Shreyas Kulkarni
2. Jeevsrushtichaa Itihas - Vinit Waghe
3. Robotics - Amol Gulhane
4. EMI & Plasma ball - Vaishali Dhaigude
5. Aapalya Bharatachi Jadan-ghadan - Vinit Waghe
6. Cell Structure - Dr. Abhay Harsulkar

“आम्ही फक्त संतांची किर्तने ऐकली होती, पण विज्ञानाचे किर्तन आम्ही पहिल्यांदाच ऐकले. ऐकल्यावर हे संतांच्या किर्तनापेक्षाही खूप चांगले वाटले... वेळेचे महत्त्व, शिस्त व आपली कृती कशी असावी हे आम्हाला ह्या शिबिरातून समजले.”

मंदार लहू गोरे, इ. १०वी,
बॅ. नाथ पै विद्यालय, हर्चे, लांजा, रत्नागिरी.

7. Tirandaji, Rifle Shooting, Talwarbaji - Ranjit Chamle, sudhir Patil, Ram Shinde
8. Arctic and Antarctic - Vishwas Patwardhan
9. Hands-on Activities and Experiments - Homi Bhabha Science Centre, Mumbai
10. Types of Honey bees and bee-keeping - Amit Godse
11. Sainyadalache Avhaan - Anuradha Gore
12. Plastics - Dr. Medha Tadpatrikar
13. Geometry - Dr. Shanti from IISER

The participants were also taken for visits to the nationwide famous institutes like IISER, ARDE and AFMC.

IISER PUNE & VIDNYANVAHINI CAMP

IISER Pune and Vidnyanvahini jointly organized a 5-days camp in IISER campus from May 20, 2018 to May 25, 2018 both days inclusive. We selected 50 students of grade 8 and IISER added 10 students from PMC.

Highlights:

- R.G. Bhat: Our culture
- Dr. Rajendra Hiremath: Motivation
- Dr. Shivprasad Patil: Physics
- Ms Shanti: Mathematics
- Ms Manawa: Biology
- Dr. Raju Kumbhare: Personality development
- Ms Asha Agnihotri: Science of colours
- Anjali Chipalkatti: Chemistry
- Mr. Waman Palnitkar: Astronomy
- Mr. Ashok Rupner: Few experiments
- Dr. Omprakash Yemul: Plastics
- Jyotirvidya Pratisthan: Sky watching
- Hands-on Laboratory in PCB
- Visits: CME and IITM
- A film 'Yellow' was screened. The theme was, 'I CAN DO IT'
- Everyday morning started with exercises.

Dr. Apurva Barve coordinated the workshop.

“आपल्या इन्स्टीट्यूट मार्फत आयोजित करण्यात येत असलेल्या विज्ञानवाहिनीमध्ये आम्हाला निवडल्याबद्दल तुमचे आभार! तुमच्या ह्या शिबिरामध्ये ५ दिवस खूप आनंदात गेले. खूप जणांशी ओळख झाली. खूप मजा आली. ह्या धमाल मस्ती बरोबरच या उपक्रमामुळे आमच्यातील बुद्धीमत्तेला चालना मिळाली आहे. यश प्राप्त करण्यासाठी आवश्यक असलेली शिस्त , वेळेचे बंधन व नियमितता आम्ही ह्या शिबिरातून अंगिकारल्या आहेत. योग्याभ्यासाचे विविध फायदे समजले आहेत. ह्याच सर्व गोष्टींमुळे जेव्हा आमच्या सारख्या सुरवंटाचे फुलपाखरू बनेल, तेव्हा त्यात तुमचा मोलाचा वाटा असेल.”

– ऋतुजा अर्जुन कानडे, हिंडदुगी हायरस्कूल, हिंडदुगी

SCIENCE DAY 2019

Giant Metre-wave Radio Telescope, Khodad, invited Vidnyanvahini to participate in the two-day celebration of 'Science Day' in the month of February 2019. GMRT organizes a grand event to celebrate science day in their premises every year. A number of colleges, schools, Government Departments and NGOs participate in the exhibition.

The theme of our display, this year, was, '**2019- International Year of Periodic Table**'. There were many exhibits in physics, chemistry, biology and geology, related to the theme and confirming the trends and properties of elements. Those included actual samples of ores, minerals, apart from charts and graphs which were self-explanatory. A digital display of PT was one of the highlights. The important feature of our booth was **live demonstrations** involving the chemical reactions based on the properties and trends of elements which were conveyed by the Periodic Table. **That revealed the periodicity**. More than 25000 persons from the cross section of society visited the show and many did stop at our **UNIQUE booth! VIDNYANVAHINI'S GROUP WORKING PREVAILED!**

Meeting with "Being Volunteer"

Vidnyanvahini member Mr. Nandan Pande attended a meeting held by "Being Volunteer" at Sawarkar Smarak hall. This is an NGO run by Shri Kailash Nalawade who works in the areas of education, environment, cleanliness, clean power, health etc. by providing a technology platform for various volunteers, NGOs and CSR bodies to come together and interact. Mr. Pande narrated about Vidnyanvahini's aim & activities. Our activities do not commensurate with those of others.

Workshop at Agastya International Foundation (AIF).

There was a four day teachers training programme at AIF in Kuppam, Andhra Pradesh. Vidnyanvahini members, Mr. Suresh Yerunkar and Mrs. Kiran Phatak participated in this programme. This workshop was basically about giving constructivist approach to teaching and learning by participating in a variety of hands-on activities in context to school science syllabus, followed by discussions. As a follow-up of this activity, a two days workshop was arranged in Pune by AIF in the second term of this academic year at their center. It was attended by Mr. Suresh Yerunkar of Vidnyanvahini. As a special case AIF allowed 3 of our volunteers, Ms. Jyoti, Ms. Shubhangi and Mr. Dewal to attend the training for 3 days.

Teaching at Ratnagiri

At the request of "Eduzone The Hub", Mr. Jayant Phalke and Mr. Sharad Godase had gone to Ratnagiri for 2 Days. They taught chemistry and physics in the foundation course for competitive examination like IIT entrance examination.

State Innovations and Research Foundation (SIR) Solapur

ह्या संस्थेने राष्ट्रीय स्तरावर एज्युकेशनल इनोव्हेशन कॉन्फरन्सचे ६ व ७ ऑक्टोबर २०१८ ला अक्कलकोट येथे आयोजन केले होते. विज्ञानवाहिनीच्या प्रतिनिधी म्हणून श्रीमती ज्योती लोहोटेकर व प्रीतिमा पांडे गेल्या होत्या. ह्या कॉन्फरन्सचा मुख्य उद्देश इनोव्हेटिव्ह शिक्षकांच्या वेगवेगळ्या उपक्रमांची माहिती सर्वांना व्हावी हा होता. एकूण ५४ शिक्षकांचे उपक्रम निवडले होते. त्यांचे प्रेझेंटेशन झाले. IISER चे नातूसर प्रमुख पाहुणे होते. त्यांचे भाषण हा एक सुंदर अनुभव होता. शोध हे आकाशातून पडत नाहीत. जोळे उघडे ठेवून सभोवताली बघणे, प्रश्न पडणे ह्यातूनच शोध लागतात, हे त्यांनी वेगवेगळ्या उदाहरणांनी सांगितले. शिक्षण हे **observation → conclusion → concepts** असे असले पाहिजे. अशा प्रकारे त्यांनी शिक्षकांना मार्ग दर्शन केले. श्रीमती प्रीतिमा ह्यांनी वि.वा.च्या slides दाखवून माहिती दिली..

Meetings of the Dialogue and Action Group (DAG)

DAG is a group of volunteers working for Vidnyanvahini.

All group members of DAG meet periodically to review performance and discuss operational changes. Subject group members meet more frequently to decide about the topics and experiments. The 23rd annual meeting of DAG was held on 15th & 16th March 2019. This meeting was utilized to review the activities of the previous year, make plans for the activities of next year, review the list of schools and outstation visits, decide on changes to curricula and experiments etc.

"Adarsh Shikshak Puraskar" by Sane Guruji Sanskar Sadhana - Pune

18th Nov. 2018: Jayant Phalke sir accepted "Adarsh Shikshak Puraskar" on behalf of Vidnyanvahini.

Obituary

It is very sad that one of our DAG members **Mr. Murlidhar Oak** is no more. He was one of our talented members teaching chemistry and was very particular about his commitments towards Vidnyanvahini. Though he couldn't continue working with VV because of his acute knee problems, he used to make it a point to attend VV's programmes on various occasions.

Mr. Gajanan Kelkar was husband of our DAG member Sushama Kelkar. He was a well-wisher of Vv right from its inauguration day. He made very thoughtful suggestions like the one that Vv should go to the people to make an appeal for funds to continue Vv's noble work. He used to provide us various exclusive books and articles for reading. He was very exceptionally particular in maintaining notes and records of everything. He was also engaged in the activities of Vanavasi Kalyan Ashram Kendra for many years. He expired after a prolonged illness.

Mrs. Sunita Tatake was wife of our senior member Late Mr. Shrinivas Tatake. She used to be in regular touch with Vidnyanvahini. She used to attend many meetings of DAG as an observer. She even used to arrange such meetings at her house. A very soft spoken person, she always inquired about progress of Vv even after the demise of her husband.

Benefactors

Numerous donors and well-wishers have been helping Vidnyanvahini through contributions in cash and in kind. We are grateful for their generous gestures and the trust they have reposed in Vidnyanvahini. Some of the prominent benefactors are mentioned below.

- M/s Automotive Research Association of India (ARAI) donated generously for the 'Science Centre' project of Vidnyanvahini..
- M/s Saraswat Hitawardhak Mandal, Mumbai have provided staunch support for many years by sponsoring school visits and teacher workshops in Ratnagiri and Raigad district of the Konkan belt in the state.
- Shri Ambar Naik and his associates have been preparing the financial accounts and audit reports of Vidnyanvahini at no cost to the Trust for many years now.
- The Vidyarthi Sahayyak Samiti, Pune has helped by providing lodging facility at their hostel at concessional charges for Vidnyanvahini's *Vidyarthi Shibir* year after year.
- Shri Namadeo Salunkhe of Sahyadri Chemicals has been supplying the chemicals required for Chemistry experiments free of cost.

- Shri Vasant Nehate of Corona Systems has been supplying equipment required for some Physics experiments free of cost. This year, in particular, he designed and supplied battery eliminators for us.
- In addition to the above, a few Indian corporates, and charitable trusts as well as many individual donors have made generous financial donations to Vidnyanvahini.
- Dnyan Prabodhini has been providing us classrooms and other facilities for our programs on our requests without any charge to us.
- Mr. Abhijeet Bora of Genetic Healthcare Pvt Ltd has been sponsoring our students' camp since last three years.
- Mr. Ajit Phatak has been assisting us in designing charts, tables etc whenever we require, devoting his valuable time for Vidnyanvahini without any cost to us. He may be regarded as one of our members only.
- Mr. Vinay Lohotekar helped us in printing various exhibits for display at the Exhibition at Khodad on the occasion of Science Day celebration, sparing his time from his busy schedule. He has assured us for help in any respect in future also.
- Our volunteers, Ms Pushpa Palkar, Mr. Ulhas Vaishyampayan, Ms Malati Deulgaonkar, Dr Manohar Dixit, Ms Sushama Kelkar, and Mr. Govind Gadgil who are not active now in Vidnyanvahini's activities due to health or other problems are regularly in touch with us and are eager to understand/know the progress of the organization.
- Mr. Vinit Kenjale has helped us a lot by providing a good place for parking our MSL vehicle free of any charge.
- Mr. Vinayak Jagtap helps us in designing and printing work at a concessional rate.

A list of donors is given below..



List of donors

(A) Rs. 1 Lakh and Above:

- | | |
|-----------------|-------------------------------------|
| 1) Ravi Apte | 2) Maharashtra Foundation, New York |
| 3) Abhijit Bora | |

(B) Rs. 50,000 and above:

- | | |
|-----------------|-------------------|
| 1) Savita Bhide | 2) Jagdish Pendse |
|-----------------|-------------------|

(C) Rs. 20,000 and above:

- | | |
|---------------------|-----------------------|
| 1) Pushpa Deshpande | 2) Dr. Kunda Joglekar |
| | 3) Ravindra Deodhar |

(D) Rs. 10,000 and above:

- | | |
|--------------------------------------|-----------------------------------|
| 1) Ujwala Kelkar | 2) Dr. Prajakta Rajput |
| 3) Research Lab Finechem Industries | 4) Anjali Bapat |
| 5) Jayant Phalke | 6) Myra Sales Corporation, Nashik |
| 7) Modern Science Apparatus, Nashik | 8) Arun V. Phalke |
| 9) Prakash Cosnstrowell Ltd., Nashik | 10) Ashwin Badave |

(E) Rs. 5,000 or Less:

- | | |
|--------------------------------|------------------------------|
| 1) Soniya Patankar | 2) Eduzonehub Ratnagiri |
| 3) D. Gadgil | 4) Rajendra Kumbhar |
| 5) Chitpavan Mitra Association | 6) Nalini Mungel |
| 7) Shailaja Damle | 8) Shakuntala Raut |
| 9) Vaishali Mysorkar | 10) Shashikant Tendulkar |
| 11) Anjali Bapat | 12) Sayali Mungel |
| 13) Pratik Madhya Vidyalay | 14) Shubhangi Parkar |
| 15) Sanskar Sadhana | 16) Anandi Sakhi Mandal |
| 17) Champa Admulkar | 18) Nav Maharashtra Vidyalay |
| 19) Sulabha Bhilavdikar | |

Financial Statements

Copies of the audited balance sheet and income and expenditure account for the year ended 31 March 2019 are enclosed.




THE BOMBAY PUBLIC TRUSTS ACT, 1950

SCHEDULE IX

Name of the Trust : Vidnyan Vahini

Registration Number: E-2024/Pune

Income and Expenditure Account for the year ended on 31st March 2019

Particulars	Amount(Rs)	Particulars	Amount(Rs)
To Expenditure in respect of properties:-	2,02,830	By Rent [accrued]	-
Rates, Taxes, Cess	-	By Interest [accrued]	3,98,904
Repairs and Maintenance	59,197	On Securities	-
Depreciation	1,05,060	On Bank Fds	3,83,668
RTO Taxes paid	-	On Loans	-
Vehicle Insurance	38,573	On Bank Account (Saving Bank)	9,164
		On Int Income Tax Refund	2,469
		On FCRA Saving	3,603
Depreciation [by way of provision or adjustment]	-	By Donations is cash or kind	8,05,972
To Establishment Expenses	-		
To Remuneration to Trustees	-		
To Remuneration [in case of a math] to the head of the math including his household expenditure, if any	-		
To Legal Expenses	-		
To Audit Fees	-		
To Contribution and Fees	-		
To Amount written off			
(a) Bad Debts	-		
(b) Loan Scholarships	-		
(c) Irrecoverable Items	-		
(d) Other items	-		
To Miscellaneous Expenses	2,074		
To Expenditure on objects of the trust	9,79,775		
(a) Religious			
(b) Educational (incl.surodi activity) (Schedule 7)	9,79,775		
(c) Medical Relief			
(d) Relief of poverty			
(e) Other Charitable objects		By Transfers from Reserve	
To Surplus carried to Balance Sheet	20,197	By Deficit carried over to Balance Sheet	
Total (Rs.)	12,04,876	Total (Rs.)	12,04,876
For Ambar Naik & Associates Chartered Accountants ICAI FRN - 137450W		For Vidnyan Vahini	
<i>Ambar Naik</i> Ambar S Naik Membership No. 157493 Place : Pune Date : 25/09/2019 UDIN : 19157493AAAACI6184		<i>[Signature]</i> Trustee Place: Pune Date : 25/09/2019	<i>[Signature]</i> Trustee Place: Pune Date : 25/09/2019

Vidnyanvahini
Rajshree C, S. No-669,
Bibwewadi, Pune
Pin- 411037

THE BOMBAY PUBLIC TRUSTS ACT, 1950

SCHEDULE VIII

Name of the Trust : Vidnyan Vahini

Registration Number: E-2024/PUNE

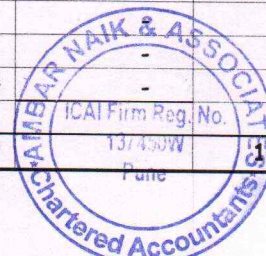
Details of Expenses

Amounts In Rs

Particulars	31/03/2019		31/03/2018	
Expenditure in Respect of Properties				
Depreciation	1,05,060		1,30,068	
Repair & Maintenance Exp.	59,197		72,766	
RTO Taxes Paid	-		3,600	
Vehicle Insurance	38,573	2,02,830	38,291	2,44,725
Exp. on Object of Trust				
Annual Meeting	-		-	
Audio Visual Exp	-		-	
Audit Fees	8,000		-	
Book Purchase Expenses	-		-	
Daily Allowance	-		-	
Dhayari Housekeeping Expenses	8,500		6,250	
Donation u/s 80G	-		2,000	
Food Expenses	69,539		1,17,560	
Honorarium Expenses	1,29,900		1,31,088	
Lab Apparatus & Related Items	7,223		1,25,950	
Laboratory Consumables	-		-	
Membership Expenses	-		38,915	
Miscellaneous Expenses (Dhayari)	-		60,200	
Miscellaneous Expenses	51,621		-	
Office Expenses	7,564		3,677	
Postage & Telegram Exp.	2,346		737	
Printing & Stationery	5,421		9,210	
Prof Fees -FCRA	2,500		-	
Publicity	-		-	
Publishing Expenses	-		2,630	
Science Club	-		-	
Shikshak shibir Expenses	-		5,250	
Student Welfare Expenses	36,900		27,280	
Surodi School Project Expenses	-		7,445	
Telephone Expenses	-		4,118	
Travelling & Conveyance Exp (arunachal)	-		-	
Travelling & Conveyance Exp (Diesel)	1,67,752		1,52,097	
Travelling & Conveyance Exp.(Misc)	97,209		1,73,011	
Vidyarthi Shibir Exp.	-		21,089	
Vidyarthi Shibir Exp.(Arunachal Pradesh)	-		-	
Wages & Salaries (Assistant)	-		-	
Wages & Salaries (Driver's Salary)	3,85,300	9,79,775	3,35,800	12,24,307
Misc. Expenses				
Bank Charges	2,074		534	
Legal Expenses	-		-	
Y20 Celebrations Expenses	-		-	
Y20 Celebrations Souvenir Expenses	-	2,074	-	534
Grand Total		11.84.679		14.69.566

Vidnyanvahini

Rajshree C, S. No 669,
Bibwewadi, Pune
Pin- 411037



THE BOMBAY PUBLIC TRUSTS ACT, 1950				
SCHEDULE VIII				
Name of the Trust : Vidnyan Vahini				
Registration Number: E-2024/PUNE				
Details of Income				
Particulars	31/03/2019		31/03/2018	
Fd Interest Received				
FD Interest Received From Bank Of Maharashtra	3,83,668		4,21,351	
FD Interest Received From Bank Of SBI	-	3,83,668	-	4,21,351
Bank Saving Interest	9,164		11,308	
FCRA Bank Saving Interest	3,603		130	
Interest on Income Tax Refund	2,469		9,638	
Donation	8,05,972	8,21,208	6,63,480	6,84,556
Grand Total		12,04,876		11,05,907

Vidnyanvahini
Rajshree C, S. No-669,
Bibwewadi, Pune
Pin- 411037



THE BOMBAY PUBLIC TRUSTS ACT, 1950

SCHEDULE VIII

Name of the Trust : Vidnyan Vahini

Registration Number: E - 2024 / Pune

Balance Sheet as at 31st March 2019

Funds and Liabilities	Amount(Rs)	Fixed Assets	Amount(Rs)
Trusts Funds or Corpus	96,19,970	Immovable Properties - (at cost)	11,33,240
Bal. as per last Balance Sheet	96,19,970	Bal. as per last Balance Sheet	11,33,240
Add: During the year	-	Additions during the year	-
		Less : Sales during the year	-
		Less : Depreciation upto date	-
Other Earmarked Funds (Schedule 2)	63,494	Movable Fixed Assets	
(Created under the provisions of the Trust deed or scheme or out of the Income)		Bal. as per last Balance Sheet	6,20,514
Opening Balance	63,494	Additions during the year	-
ADD: During the Year	-	Less : Sales during the year	-
Less: Transfer	-	Less : Depreciation upto date	1,05,060
			5,15,454
Loans (Secured or Unsecured)		Investments	54,35,414
From Trustees		HDFC and RBI Bonds	-
From Others		Bank fixed Deposits	54,35,414
Add : During the year			
Liabilities	4,000	Loans (Secured or Unsecured) :	
For Expenses	-	Loan Scholarships	-
For Advances		Other Loans	-
For Rent and other deposits			
For Sundry Credit Balance		Advances	
For Provision	4,000	To TDS	2,82,378
		To Trustees	-
		To Employees	-
		To Contractors	-
		To Lawyers	-
		To Deposits	11,00,000
			13,82,378
		Income Outstanding	
		Rent	-
		Interest	39,217
		Other Income - cheque in hand	20,000
			59,217
		Cash & Bank Balances	
		(a) In Current / Saving account	3,79,796
		(b) Cash Balance	31,286
			4,11,082
		Grant Receivable (From ICSSR)	-
Income and Expenditure Account		Income and Expenditure Account	
Bal. as per last Balance Sheet	-	Bal. as per last Balance Sheet	7,70,876
Less : Appropriation if any	-	Less : Surplus	20,197
Add : Surplus	-	Add : Deficit	-
Less : Deficit	-		7,50,679
Total (Rs.)	96,87,464	Total (Rs.)	96,87,464

For **Ambar Naik & Associates**

Chartered Accountants
ICAI FRN - 137450W



Ambar S Naik
Membership No. 157493
Place : Pune
Date : 25/09/2019
UDIN : 19157493AAAACI6184

For **Vidnyan Vahini**

Trustee

Place : Pune
Date : 25/09/2019

Trustee

Place : Pune
Date : 25/09/2019

Vidnyanvahini
Rajshree C, S. No-669,
Bibwewadi, Pune
Pin- 411037

**Visit of Mrs. R. A. Adgulvaar, Dy. Charity Commissioner,
Pune and Mr. Adgulvaar**



“आज आबासाहेब गोसावी माध्यमिक विद्यालयास भेट दिली. ह्या ठिकाणी ‘विज्ञानवाहिनी’ ह्या सार्वजनिक संस्थेची फिरती प्रयोगशाळा आली. त्या अनुषंगाने शाळेचे मुख्याध्यापक श्री. वरडे सर ह्यांनी उत्तम सहकार्य केले. त्यांचे कामाचा आढावा घेतला असता उत्कृष्ट व्यवस्थापन असल्याचे आढळून आले. विज्ञानवाहिनी ह्या संस्थेचे पदाधिकारी व सभासदांनी शाळेतील विद्यार्थ्यांना विज्ञानाचे प्रयोगांची माहिती दिली व प्रात्यक्षिक करण्याची संधी दिली. संस्थेचे कामकाज कौतुकास्पद आहे. सर्व सभासद व पदाधिकारी आत्मियतेने काम करतात. विज्ञानवाहिनी या संस्थेच्या कामकाजास खूप खूप शुभेच्छा!”

-- राणी अडगुलवार, ९/३/१९

(श्रीमती राणी अमोल अडगुलवार(मुक्कावार), सहाय्यक धर्मादाय आयुक्त, पुणे.)



▲ Vidnyanvahini Shibir : Daily Morning Exercise ▲



▲ Special Need Student Class



▲ Vv Shibir : Archery Class

**28th Feb and 1st March 2019:
"Science Day" Exhibition at GMRT Khodad**



▲ Chemistry Experiment



▲ Outdoor Biology Experiment