



Vidnyanvahini
फिरती प्रयोगशाळा

Vidnyanvahini

Pune

28th Annual Report
2022-23

Public Charitable Trust
Registration No. E2024, Pune
Donations Tax exempt under section 80G



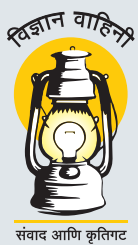
Address ; Rangdeep, Plot No.20, Natraj Housing Society, Karvenagar, Pune 411052.

Mobile: +919404611063

Email: ka704phatak@gmail.com • madhu36@yahoo.com • urmila.45.sp@gmail.com

Web: <https://www.vidnyanvahini.org>

Activities of Vidnyanvahini



संवाद आणि कृतिमट

Vidnyanvahini
फिरती प्रयोगशाळा

Vidnyanvahini

Pune

28th Annual Report
2022-23



Vidnyanvahini
फिरती प्रयोगशाळा

Public Charitable Trust
Registration No. E2024, Pune
Donations Tax exempt under section 80G

Address ; Rangdeep, Plot No.20, Natraj Housing Society, Karvenagar, Pune 411052.
Mobile: +919404611063
Email: ka704phatak@gmail.com • madhu36@yahoo.com • urmila.45.sp@gmail.com
Web: <https://www.vidnyanvahini.org>



Founder Members : **Smt. Pushpa Deshpande** and **Shri. Madhukar Deshpande**

President : **Smt. Kiran Phatak**

Vice- President : **Smt. Urmila Parchure** Coordinator- **Shri. Jayant Phalke**

Members of Dialogue and Action Group(DAG)

DAG is a group of volunteers working for vidnyanvahini.

1. Ambekar Aparna	16. Mungel Nalini
2. Amrite Ulhas	17. Navathe Chandrashekhar
3. Bapat Kirti	18. Pande Nandan
4. Deshpande Pradnya	19. Pande Preetima
5. Dewal Dattatray	20. Parchure Urmila
6. Dixit Vinayak	21. Parkar Shubhangi
7. Erande Vivek	22. Phatak Kiran
8. Ghamande Satish	23. Prabhu Ashok.
9. Joshi Shailaja	24. Ranade Gajanan
10. Kandalgaonkar Suvarnalata	25. Rege Nirmala
11. Khasnis Sandhya	26. Sapre Achyut
12. Lohotekar Jyoti	27. Sathe Anita
13. Marathe Nikhil	28. Shaikh Atik
14. Marathe Sucheta	29. Wagh Yashashri
15. Mhaskar Meghana	30. Vartak Kalpana
31. Yerunkar Suresh	

Trustees

1. Phatak Kiran Ajit	President	9404611063
2. Parchure Urmila Suresh	Vice-President	9960286725
3. Phalke Jayant Vishnu	Co-Ordinator	9890944526
4. Erande Vivek Digambar	Trustee	9021255785
5. Dewal Dattatray Damodar	Trustee	9405105627
6. Parkar Shubhangi Sudhir	Trustee	9421038549
7. Rupner Ashok Namdeo	Trustee	8888095176
8. Sapre Achyut Vishnu	Trustee	9021440589
9. Sathe Anita Anil	Trustee	8007481590



Annual Report for the period April 2022- March 2023

About Vidnyanvahini Mobile Science Laboratory (MSL)

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

This flagship project of Vidnyanvahini is the Mobile Science Laboratory (MSL) a minibus designed to accommodate storage for lab apparatus, audio visual equipments, laptops, an uninterrupted power supply powered by the engine battery.

A portable generator, foldable lab-tables and a small washbasin. 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 6 or 7 members of DAG to the selected school on a given day. Priority is given to small rural High schools, which lack science laboratories and do not enjoy state grants. During a tightly organized full-day session, students perform some science experiments in groups of four to five and observe demonstrations of some others.

The theoretical principles underline the experiments are explained to them with the aid of educational audio - visual material and/or models.

Schedule of school visits is prepared in May for six months of the first term and during Diwali holidays for the second 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, large laboratories, defense establishments etc. Several book bags are also circulated among schools to act as Mobile libraries.

Vidnyanvahini is a non-profit organization constituted as a public trust which does not charge schools for our visits and operates solely on public donations.



In January 2022 Vidnyanvahini completed 28 years of service. During this period the Mobile Science Laboratory has traveled 3,72,047 kms. while making 3658 school visits and touching the lives of 4,20,516 rural students spread over 25 districts of Maharashtra. Over the last few years we have also been venturing out of Maharashtra through school visits in the states of Arunachal Pradesh, Nagaland, Bihar, Assam, Jharkhand, Madhya Pradesh and Karnataka.

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 annual meeting was utilized to review the list of schools and out station visits, decide on changes to curricular and experiments etc.

This report summarizes the activities of the organization for the period April 2022 to March 2023

Vidnyanvahini activities at-a- glance

Number of schools visited	120
Number of schools visited once in the year	68
Number of schools visited twice in the year	26
Number of visits to unaided or partly aided schools	8
Number of outstation visits (each lasting 3 to 5 days)	6
Number of Kms logged by the MSL	13,200
Number of Students benefitted in the year	10753

These activities are described in detail in the following paragraphs.

School visits -

During the year 120 visits were made to rural schools falling in state of Maharashtra.

Some schools are visited twice in the year. Hence the number of school visits is less than the number of MSL visits.



Apart from visits to schools in and around Pune (which are covered during a single day) Vidnyanvahini also undertook 6 out- of- town visits, typically lasting to three to five days each, to the following places :Varnanagar, Radhanagari(Dist. Kolhapur), Andur (Dist. Usmanabad), Nerle (Dist. Sanglali), Chiplun, Rajapur (Dist. Ratnagiri).

These visits were sponsored by organizations/schools in those places and were used to cover rural schools in the surrounding areas.

Two science centers (Kendras): Apart from Vidnyanvahini 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 two science centers with the help of the local NGOs at the following places.

Gramin Vidnyan Kendra at Andur -

Vidnyanvahini center in Andur village has science-based models and good facilities for performing science experiments.

At this center Mr. Prasanna Kandale and Mr. Balaji teach and explain science through experiments to the children who come along with their teachers from many surrounding schools.

Apart from this, in schools located at long distances or on hilly roads, they carry the material for experiments themselves and teach there.

Vidnyanvahini Pune group makes it a point to go to Andur for a week every year, to teach and explain many basic concepts in science with the help of scientific models.

A teachers' training camp is also organized in Andur every year.

As a social work Vidnyanvahini has been involved in 'Halo medical Foundation' in Andur. There, needy women are taught machine sewing and stitching. These women made very good quality masks during Corona period.

Islampur Vidnyan Kendra -

In this Vidnyan kendra students from schools come and perform the experiments in Physics, Chemistry and Biology. Teachers are allowed to take the material for experiments to their schools, on a returnable basis,



whenever they teach a particular topic. Mr. Vinayak Dixit, one of the DAG members, is taking an active role in the activities of the center.

During the academic year, various activities were performed at the center. The major amongst them are listed below.

- 1) Workshop on making materials, equipments for a science exhibition.
- 2) One week Exhibition of various science related materials and experiments available at the center.
- 3) On behalf of Vidnyanvahini, materials for experiments were donated to Zilla Parishad Schools at Hubalwadi, Taluka Valava, Zilla Sangli.
- 4) Lecture and Demonstration on ' Science through Entertainment '.
- 5) Social Awareness activity on ' Organ Donation', 'Skin Donation '.
- 6) Visit and evaluation of various science related exhibitions organized in different schools in Islampur area.
- 7) Organization of Science Week on the occasion of National Science Day.
- 8) Science related 'Rangoli Exhibition'- visit and evaluation.
- 9) To guide the students of Science Center at Warnanagar through experiments.
- 10) Six days program at K.B.P. English Medium School, Ashta, Dist. Sangli, to teach the students about periodic table and electricity distribution.

Other Activities -

Group of outside teachers that visited Vidnyanvahini in order to observe and learn our working methods.

1. This year an organization, from Gadchiroli, approached us for help in constructing their (MSL) Mobile Science Lab bus, based on Vv's bus design. We guided them right from purchasing chassis to fully building the bus as per their requirements. Two members of their team came with us in village schools to observe our working and teaching hands-on experiments.

2. A teacher from Dahanu of Roshan Foundation (Mumbai), contacted us with a request to help in purchasing the equipments and other necessary material for their science laboratory. So we helped them in procuring equipments and other laboratory materials. Also, on their request, three Vidnyanvahini members went to Dahanu to guide their teachers about



laboratory setting-up for Science Experiments. So they stayed in Dahanu for 2 days and helped in setting up the labs and also trained the teachers.

3. A director and teacher of an NGO 'Milke Chalo' from Jalgaon, Amalner District, works in a similar way like ours. At present he manages to go to near about schools on his motorbike to teach science to the age group of 10 to 15 years old students. Fortunately, he is about to get a bus soon for this noble work. He approached Vidnyanvahini to know the details of our overall system of working in schools in rural areas. On his Pune visit, he was briefed about our working methods and all his queries were answered.

4. Vidnyan Exhibition had been arranged by 'Mumbai Mata Bal Sangopan Sanstha' in Rajgurunagar. About 100 to 105 projects from around Rajgurunagar were presented. Mostly one project was done by two students at a time, there were about 200 + students. Three DAGs worked as Judges at this competition.

Vidnyanvahini Shibir :

Every year the shibir is organized in Pune for 10th grade students for various rural schools in Maharashtra since 1996. The camp attended by students to widen their knowledge horizon by exposing them to a diverse range of experiences through visits to industries, defense units, laboratories, lectures from experts, introduction to activities such as origami, yoga, archery etc.

Mobile library :

To encourage the habit of reading among the students, Vidnyanvahini has been circulating book bags among schools. Each bag contains about forty books on science and related subjects and kept in school for term. So far the books were for 8th to 10th standards, but from 2020 we have included some books for 5th to 7th standards also.

Feed-Backs from supporters and well-wisher -

Seema Jagtap, New English school, Pimple. :

You have been visiting our school for two years and letting us perform various experiments. I especially liked the experiments in chemistry on neutralization, phosphorous flame and ammonia fountain. Will you please tell me why the sun can heat earth with its rays but when we keep rising in the atmosphere the temperature keeps falling.



Benefactors -

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

- M/S Saraswat Hitwardhak Mandal, Mumbai have provided staunch support for many years by sponsoring school visits and teachers workshops in Rantnagiri and Raigad district of the Kokan belt in the State.
- Shri Amber Naik and his associates have been preparing the financial accounts and audit report of Vidnyanvahini at no cost to the Trust for many years now.
- The Vidyarthi Sahayak Samiti Pune has helped by providing lodging facility at their hostel at concessional charges for Vidnyanvahini's Vidnyan Shibir year after year.
- In addition to the few Indian Corporates and Charitable Trusts many individual Donors have made generous financial donations to the Vidnyanvahini. A list of donors is enclosed.
- Mr. Abhijeet Bora of genetic Health Care Pvt. Ltd. has been sponsoring our students camp.
- Mr. Ajit Phatak has been assisting us in designing charts, tables etc. and whatever we require, devoting his valuable time for Vidnyanvahini without any cost to us. He may be regarded as one of the members only.
- Our volunteers Ms. Pushpa Palkar, Mr. Ulhas Vaishyampayan, Ms. Malutai Deulgaonkar, Mr Manohar Dixit Ms Sushama Kelkar Mr. Govind Gadgil who are not active now in Vidnyanvahini's activities due to the health or other problems. However they are in touch with us and are eager to understand/know the progress of the organisation.



- Mr. Vinit Kenjale has helped us by providing a good place for parking our MSL vehicle free of any charge.
- Mr. Ashok Prabhu has been helping us in many ways such as preparing PPTs and providing guidance from time to time.
- Mr. Harsulkar donated many books on various subjects to our Islampur center.
- Mr. Mhaiskar Makarand and Rasika Kale-Kelkar have been managing Vidnyanvahini's website very well all along.
- Mr. Lohotekar helped us for layout and design of this Annual Report.
- Dr. Madhukar and Pushpa Deshpande both founder Members of Vidnyanvahini have been our guide from the beginning.

Vidnyanvahini: Foreign Donors List in FY 2022-2023		
(A)	Donation Above Rs. 10,000	INR
1	Mr. Amit Sabane	11,929
2	Ms. Neeta Verma	15,934
3	Ms. Sunandini Ambegaokar	20,62,696
4	Ms. Shilpa Yadavalli	10,313
5	Rujuta Marathe	15,540
6	Shabana Dange	10,668
(B)	Donation Below Rs. 10,000	
	Total donation by 4 Individuals	20,678
	Grand Total	21,47,758



Vidnyanvahini: INR Donors List in FY 2022-2023		
(A)	Donation Above Rs. 10,000	INR
1	Cummins India Foundation	3,50,000
2	Shri. Rajan Datar	3,00,000
3	Rama Purushottam Foundation	2,00,000
4	Alfa Biomed India Pvt. Ltd.	1,50,000
5	Shri. Lalit M. Lele	1,00,000
6	Ms. Dipti Sharangpani	1,00,000
7	Ms. Kiran Phatak	80,000
8	Ms. Sneha S. Sinkar, Mumbai	51,000
9	Mr. Ajit Phatak	30,000
10	Shri. Narayandas Doshi	25,000
11	Shri. Yadunath Deshpande	20,000
12	Shri. Ravindra K. Deodhar	20,000
13	Ms. Anagha S. Kelkar	15,000
14	Ms. Sushama Thakar	15,000
15	Shri. Mukund S. Prabhu	10,000
16	Ms. Ujwala R. Kelkar	10,000
17	Shri. Amrut Shrotri	10,000
18	Bhogavati Sanskrutik Mandal	10,000
(B)	Donation Below Rs. 10,000	
	Total donation by 37 Individuals/Organizations	1,09,553
	Grand Total	16,05,553

Note - We were very much in need of a replacement of our old MSL Bus which had run in rural rough roads for 12 years. Due to sufficient amount of donation, we could afford to book a new bus this year.

SCHEDULE VIII

Name of the Trust : Vidnyan Vahini

Registration Number: E - 2024 / Pune

Balance Sheet as at 31st March 2023

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	2,98,563
Opening Balance	63,494	Additions during the year	-
ADD: During the Year	-	Less : Sales during the year	-
Less: Transfer	-	Less : Depreciation upto date	48,305
Loans (Secured or Unsecured)		Investments	56,38,232
From Trustees		Bank fixed Deposits	56,38,232
From Others			
Add : During the year			
Liabilities	3,200	Loans (Secured or Unsecured) :	
For Expenses	-	Loan Scholarships	-
For Advances		Other Loans	-
For Rent and other deposits			
For Sundry Credit Balance		Advances	
For Provision	3,200	To TDS	3,18,415
		To Trustees	-
		To Employees	9,714
		To Contractors	-
		To Others	-
		To Deposits	11,00,000
			14,28,129
		Income Outstanding	
		Interest Receivable - Refund	1,706
		Interest	1,08,549
		Other Income - cheque in hand	-
			1,10,255
		Cash & Bank Balances	
		(a) In Current / Saving account	10,60,394
		(b) Cash Balance	12,094
			10,72,488
		Grant Receivable (From ICSSR)	
			-
Income and Expenditure Account		Income and Expenditure Account	
Bal. as per last Balance Sheet	-	Bal. as per last Balance Sheet	3,81,533
Less : Appropriation if any	-	Less : Surplus	3,27,491
Add : Surplus	-	Add : Deficit	-
Less : Deficit	-		54,042
Total (Rs.)	96,86,664	Total (Rs.)	96,86,644

For **Ambar Naik & Associates**
Chartered Accountants
ICAI FRN - 137450W

Ambar Naik

Ambar S Naik
Membership No. 157493
Place : Pune
Date : 11/08/2023
UDIN : 23157493BGVZOS8654



For **Vidnyan Vahini**

K. Phatak
Trustee

Place : Pune
Date : 11/08/2023

V. D. Erande
Trustee (V.D. ERANDE.)

Place : Pune
Date : 11/08/2023

Secretary/ President विश्वस्त
Vidnyanvahini
Public Charitable Trust
Reg.No.E-2024,Pune
विज्ञान वाहिनी, पुणे .
सार्वजनिक न्यास मंदण
क्र.ई-२०२४ .

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 2023

Particulars	Amount(Rs)	Particulars	Amount(Rs)
To Expenditure in respect of properties:-	1,60,617	By Donations is cash or kind	42,75,059
Rates, Taxes, Cess	-	By Interest [accrued]	4,05,851
Repairs and Maintenance	52,825	On Securities	-
Depreciation	-	On Bank Fd	3,66,545
RTO Taxes paid	-	On Bank Account (Saving Bank)	11,316
Vehicle Insurance	-	On Income Tax Refund	27,990
		On FCRA Saving	-
Depreciation [by way of provision or adjustment]	-	By Misc Income	5,000
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	4,539		
To Expenditure on objects of the trust	41,93,262		
(a) Religious	-		
(b) Educational	5,61,917		
(Schedule 7)	-		
(c) Medical Relief	-		
(d) Relief of poverty	-		
(e) Other Charitable objects	-	By Transfers from Reserve	-
To Surplus carried to Balance Sheet	3,27,491	By Deficit carried over to Balance Sheet	-
Total (Rs.)	46,85,910	Total (Rs.)	46,85,910

For Ambar Naik & Associates
Chartered Accountants
ICAI FRN - 137450W

Ambar S Naik
Membership No. 157493
Place : Pune
Date : 11/08/2023
UDIN : 23157493BGVZOS8654



For Vidnyan Vahini

KAPLote

Trustee

Place: Pune
Date : 11/08/2023

Secretary/ President
Vidnyanvahini
Public Charitable Trust

V. D. ERANDE

Trustee (V.D.ERANDE)

Place: Pune
Date : 11/08/2023

विश्वस्त

विज्ञान वाहिनी, पुणे.
सार्वजनिक न्यास नोंदणी
क्र.ई-२०२४.

Activities of Vidnyanvahini



संवाद आणि कृतिगट

Vidnyanvahini
फिरती प्रयोगशाळा

Activities of Vidnyanvahini



संवाद आणि कृतिगट

Vidnyanvahini
फिरती प्रयोगशाळा