



Shri Shivaji Education Society Amravati's

Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya, Warud, Dist - Amravati 444906 (M.S.)



NAAC Reaccredited with 'B' Grade CGPA (2.24)

Website: <https://mfulecollegewarud.org/> Ph. No. 07229-232022

Best Practice: 1

1. Title of the Practice:

Guidance of Science, English and Marathi to school students.

2. Objectives of the Practice:

Basic school education is very much essential to all children's, especially in rural region. Primary school education can create skill and knowledge of reading and writing Science, English, Marathi etc. The importance of basic education improves students' skill, intelligence, knowledge, awareness etc. somewhat broader perspective of rural development in future. Awareness of science can be seen in comparisons between the rates of primary education in countries that have high future growth. 'School Chale Hum' is one of the national slogans of government policy. So to train students in Science is our basic objective.

3. The Context:

Each boy or girl in the country should be literate is a government policy. That's why they started school in urban as well as rural regions. But warud region is a region which is far interior from district place and closer to forest as well as border of Madhya Pradesh state. Teachers are not interested to join the services in interior places. Therefore, every day lacunas of teachers occurred in the schools. The ratio of teacher and students are much large. So School and teaching faculties are not in sufficient ratio to give special attention to each student. Science is a subject which having rumor of difficult in students. It is difficult to inculcate the idea of scientific concept in the students of Z.P. schools. That's why Chemistry, English, Marathi Department select this issue to train the students from rural region especially from Zila Parishad School.

4 The practice:

The burning issue of students' education in rural region is selected by Chemistry, English, Marathi department. Students from Chemistry, English, Marathi department selected the college students who pursue science subject in graduation level. They visited schools explain the intention of visit and discuss with concerning higher authority of the schools. Faculties from chemistry can plan the schedule and send them to school for teaching. College students take easy methods in their own language. Finally certificate is issued from ZP school authority.

5. Evidence of success:

Faculties from Chemistry, English, Marathi etc Department and authority from school has continuous discussion with school students. It is found that these students were very happy and satisfied with performance of students. Due to their teaching, they understand the concept, increase the interest, confidence and they are interested to learn from our college students. When authority compare the results of school students, it shows progress. Therefore school authority also gets satisfied by their work and to inspire the college students. The target given to students is achieved within time and they cover more than 90 to 95 percentage of the task. The result of this practice indicates that students from rural region are innocent and sharp but they require more attention and proper counselling

6. Problems Encountered and Resources Required:

The schools selected for the practice are generally from rural region and they are away from city. So transportation problem occurred. Because suitable schedule of MHRTC and private transportations are not available. Another was school timings, it also not convenient for students. Still college students take especial efforts for that and did the practice. ICT based teaching may be possible in schools. It requires Electronics gazettes such as Mobile, laptop or projector. It requires regular electricity also. Sometimes download videos related

with subjects were shown by the students but the internet connectivity problems also occurred.

7 Notes (Optional)

This practice created interest of students to learn Science. They entered in flow of education which creates platform for higher education. Students also take experience of teaching and improve their confidence.

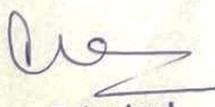


**Mahatma Fule Arts, Commerce and Sitaramji Chaudhari Science
Mahavidyalay, Warud**

Department of Chemistry

Mahatma Fule Arts, Commerce and Sitaramji Chaudhari science Mahavidyalaya Warud, organizes different extension activities in the academic year 2021-2022. The students of P.G. Department of Chemistry of this college participated in teaching activity to various local nearby schools of Warud region. P.G. students taught science syllabus to school students. Near about Total 55 students including M.Sc-Ist and M.Sc.-IInd Year (Chemistry) took active participation in this extension activity. Some students went to their nearby village's school like Jarud, Benoda, Pusla etc. to taught science subject.

Our P.G. students taught their school syllabus nicely and eagerly. They conduct Theory period on std. Vth-IXth. This would become extension activity by P.G. students.


Principal
Mahatma Fule A.C. & Sitaramji
Choudhari Science College, Warud


Dr. R.P. Ganorkar
HEAD
Dept. of Chemistry
M.F. Arts, Com. & Sitaramji
Chaudhari Science M. Warud

Department of English

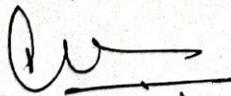
Report

Best Practice

[Job Training Programme]

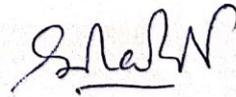
The students of M. A. II [English] engaged classes in the High Schools of adjoining villages of Warud. They taught various constituents of communication skills in English and grammar to have an experience of teaching. They engaged 6 periods in a week. Most of the students of M. A.II participated in the activity. The Head Masters / Principals appreciated and remarked that such activity will encourage them to pave the way to bright future. The students of the schools equally get benefited by the performance of the P. G. student wishing to join profession of teaching.

Certificates, duly certified by the heads of the institutions, were submitted. The geo tagged photographs are attached with the report.



Principal

Dr. U. E. Chaudhari



Head

S. D. Ohale

Certificates of Job Training Programme [Extension Activity]

Run by Sant Shri Gulabrao Maharaj Seva Sanstha Board B. No. T-1929 AMT.
DNVANODAYA VIDYAMANDIR
ENGLISH MADHYAMIK SCHOOL
 BHAKTIDHAM PRALHADPUR, TO. CHANDUR BAZAR, DIST. AMRAVATI

Head Office: 2500192
 Email: dnvanodaya@rediffmail.com

Dist. Office: English School
 Hiras No. 2707001091

Principal: *[Signature]*
 Head Teacher: *[Signature]*
 Head Clerk: *[Signature]*

Certificate

This is to certify that shri Ku. Apeksha N. Janghate, a student of M.A 2(English) has engaged 6 periods and undertaken lesson of skills in English grammar to the students of high school classes.

I wish him/her bright and successful career.

[Signature]
 Head Master
 Dnyanodaya Vaidya Madhyamik English School
 Bhaktidham, Pralhadpur

Sign and stamp of authority

23/03/2022

गोपालकृष्ण विद्यालय, पाणी
 ता. पाणी, जि. अमरावती पिन कोड - 444 005

Dist. Office: English School
 Hiras No. 2707001091

Principal: *[Signature]*
 Head Teacher: *[Signature]*
 Head Clerk: *[Signature]*

Certificate

This is to certify that Ms. Shrinu Rajwade a student of M.A II [English] has engaged 6 periods and undertaken lessons of skills in English grammar to the student of high school classes.

I wish her bright and successful career.

[Signature]

Place :- G.K.V. Pardi
 Date :- 30/03/2022

श्री ज्ञानेश्वर विद्या प्रसारक मंडळ, साहूर द्वारा संचालित
श्री ज्ञानेश्वर विद्या मंदीर, साहूर
 ता. आधी, जि. वर्धा

Dist. Office: English School
 Hiras No. 2707001091

Principal: *[Signature]*
 Head Teacher: *[Signature]*
 Head Clerk: *[Signature]*

Certificate

This is to certify that Ku Anjali Ramkumar Muradane a student of M.A II (English) has engaged 6 periods and undertaken lesson of skills in English Grammar for the students of high school classes.

I wish her bright and successful career.

[Signature]
 Head Master
 Prakashwar Vaidya Mandir
 Sahar

23/03/2022

उर्दू हाय स्कूल, वरुड.
 ता. वरुड, जि. अमरावती. Ph. No. 07229-232554

TAN No. NGPU-01483 G
 Board Index No. 02.08.011

TIN No. 27979187244 P
 Pay Unit No. 180

Dist. Office: English School
 Hiras No. 2707001091

Principal: *[Signature]*
 Head Teacher: *[Signature]*
 Head Clerk: *[Signature]*

Certificate

This is to certify that Shri / Ku Sana Mahewash Sheikh Rustam a student of M.A II (English) has engaged 6 periods and undertaken lesson of skills in English grammar to the students of high school classes.

I wish him/her bright and successful career.

[Signature]
 Head Master
 Urdu High School, Varud
 Dist. Amravati 444005

Department of Marathi
Report of Best Practice
 [2021-2022]

The students of M.A. [Marathi] engaged classes in various Zila Parishad primary and High School of Warud Taluka from 08/03/2022 to 30/03/2022. They taught Marathi poems, grammar and work experience. They engage 6 periods in a week. Total 47 students participated in this unique activity. The Head Masters and teachers and teachers of the schools appreciated the same and remarked that the activity will encourage them to pave the way to bright future. The students of the schools equally get benefited by the performances of the new teachers aspiring to enter in the teaching profession.

Certificates and teaching plans, are duly certified by the heads of the schools and supervisors. The tagged photographs are attached herewith.

Sr. No.	Name of Students		Name of the school	Class taught	Unit
1	Amrita S. Katare	M.A. II	Nagar Parishad Primary School, She.ghat	4 th	Marathi Kavita
2	Namrata K. Dahake	M.A. II	Nagar Parishad Primary School, She.ghat	3 rd	Handwritten Skill and grammar
3	Komal B. Nathile	M.A. II	Nagar Parishad Primary School, She.ghat	4 th	Marathi Kavita
4	Kanchan R. Ambadkar	M.A. II	Nagar Parishad Primary School, She.ghat	4 th	Marathi Lesson and workshop
5	Dipti D. Gorade	M.A. II	Nagar Parishad Primary School, She.ghat	2 nd	Marathi Workshop
6	Shradhav V. Sawarkar	M.A. II	Nagar Parishad Primary School, She.ghat	4 th	Marathi Kavita
7	Sapana A. Gayaki	M.A. II	Nagar Parishad Primary School, She.ghat	3 rd	Marathi Handwriting
8	Darshana D. Shelke	M.A. II	Nagar Parishad Primary School, She.ghat	3 rd	Marathi Lesson
9	Shubham K. Ambadkar	M.A. II	Nagar Parishad Primary School, She.ghat	4 th	Marathi Kavita
10	Gaurav R. Jaysingpure	M.A. II	Nagar Parishad Primary School, She.ghat	4 th	Marathi Vyakran
11	Geeta R. Anwane	M.A. I	Nagar Parishad Primary School, She.ghat	3 rd	Marathi Lesson
12	Teena V. Dawande	M.A. I	Nagar Parishad Primary School, She.ghat	2 nd	Marathi Workshop
13	Aruna A. Tinkhede	M.A. I	Z. P. School, Jarud	4 th	Marathi Kavita
14	Vrushali B. Dharme	M.A. I	Nagar Parishad Primary School, She.ghat	4 th	Marathi Lesson
15	Devendra S. Chimote	M.A. I	Nagar Parishad Primary School, She.ghat	8 th	Marathi Kavita
16	Abhisehk S. Bhandare	M.A. I	Nagar Parishad Primary School, She.ghat	6 th	Marathi Kavita
17	Saurao N. Futane	M.A. I	Nagar Parishad Primary School, She.ghat	4 th	Marathi lesson
18	Ganesh R. Deshmukh	M.A. I	S.P.Thakre High School, Warud	4 th	Marathi Workshop
19	Vijayta S. Thakre	M.A. I	Z.P. School, Bahada	5 th	Marathi Lesson
20	Tejaswini A. Bobade	M.A. I	Z.P. High School Durgwada	4 th	Marathi Kavita
21	Shuslesha K. Lohe	M.A. I	J.V.School. Thugaon Dev	4 th	Marathi Grammar
22	Sadhana R. Kherde	M.A. I	P.D.Kanya School, Warud	7 th	Marathi Lesson
23	Shital Kawadeti	M.A. II	English convent, Jarud	4 th	Marathi Kavita
24	Kishor Aamrwanshi	M.A. I	English convent, Jarud	4 th	Marathi Lesson
25	Prajakta Waware	M.A. II	English convent, Jarud	4 th	Marathi Grammar

26	Chhya P. Dharme	M.A. I	Vasantrya Naik High School, Jarud	7 th	Marathi Workshop
27	Bhagyashri Ughade	M.A. II	Z.P.High School, Khadka	5 th	Marathi Lesson
28	Sandipa M. Bhumbarkar	M.A. II	Z.P.High School, Jamgaon	4 th	Marathi Grammar
29	Mrunali R. Sadapure	M.A. II	Nagar parishad Morshi High.School	4 th	Marathi Lesson
30	Nitu H. Khadase	M.A. II	Z.P.High school, Deutwada	4 th	Marathi Kavita
31	Yogita R. Kohale	M.A. II	Z.P.High school, Pusla	11 th	Marathi Grammar
32	Ashish S. Barange	M.A. II	NTR Arts & Science, Warud	8 th	Marathi Lesson
33	Aboli G. Chaudhari	M.A.I	New English High School, Warud	8 th	Marathi Kavita
34	Rupali S. Parise	M.A.I	New English High School, Warud	5 th	Marathi Workshop
35	Shital H. Harle	M.A.II	Z.P. High school, Belora	4 th	Marathi Kavita
36	Gavraw R. Jaysingpure	M.A.I	N.P.Vidya mandir, Shendurjanaghat	7 th	Marathi Kavita
37	Swati S. Taywade	M.A.I	P.D.Kanya School	5 th	Marathi Lesson
38	Tejaswini S. Ughade	M.A.I	P.D.Kanya School	5 th	Marathi Kavita
39	Akshay N. Pande	M.A.I	P.D.Kanya School	6 th	Marathi Kavita
40	Bharti R. Gohe	M.A.I	N.P.Vidya mandir, Shendurjanaghat	4 th	Marathi Kavita
41	Prachi M. Ande	M.A.I	N.P.Vidya mandir, Shendurjanaghat	5 th	Marathi Workshop
42	Harshali A. Potode	M.A.I	N.P.Vidya mandir, Shendurjanaghat	4 th	Marathi kavita
43	Nikita N. Gayki	M.A.I	Z.P.School, Jamgaon	3 rd	Marathi Kavita
44	Monika R. Patile	M.A.I	Z.P.School, Zatamziri	7 th	Marathi Grammar
45	Vrushab B. Dawande	M.A.I	Z.P.high School, Rawala	6 th	Marathi Kavita
46	Nilima K. Salame	M.A.I	Z.P. High School, Nagziri	4 th	Marathi Kavita
47	Ashwini B. Sule	M.A.I	Z.P. Primary School, Jarud	4 th	Marathi Lesson



(Dr. U. E. Chaudhari)

Principal

Mahatma Fule Arts Comm. & Stitaramji
Chaudhari Science Mahavidyalaya, Warud

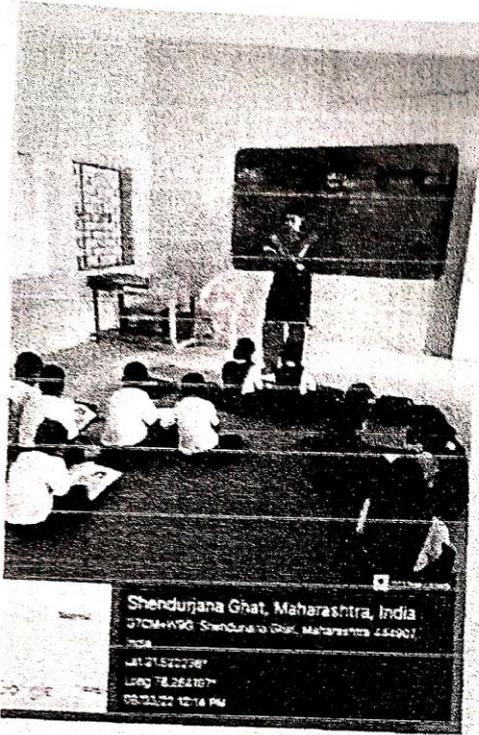


(Dr. P. R. Pundkar)

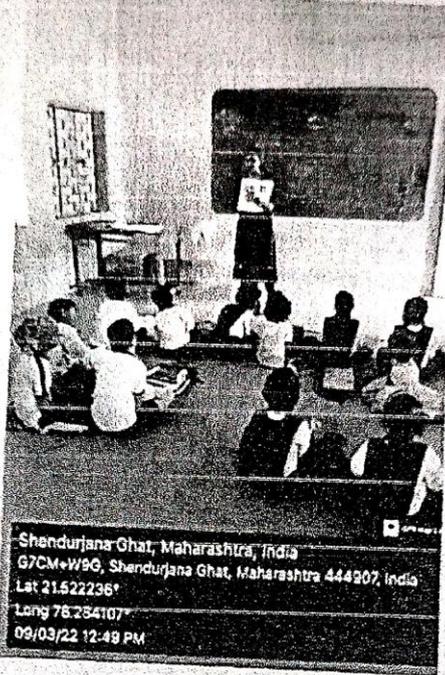
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Head of Department Marathi
(Dr. P. R. Pundkar)

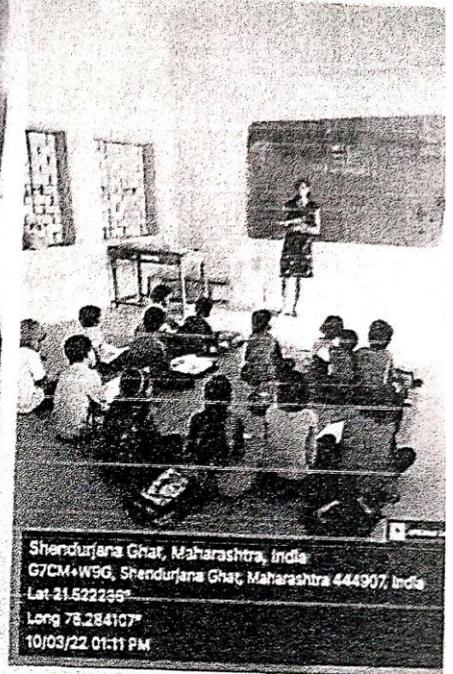
TEACHING PHOTOGRAPHS



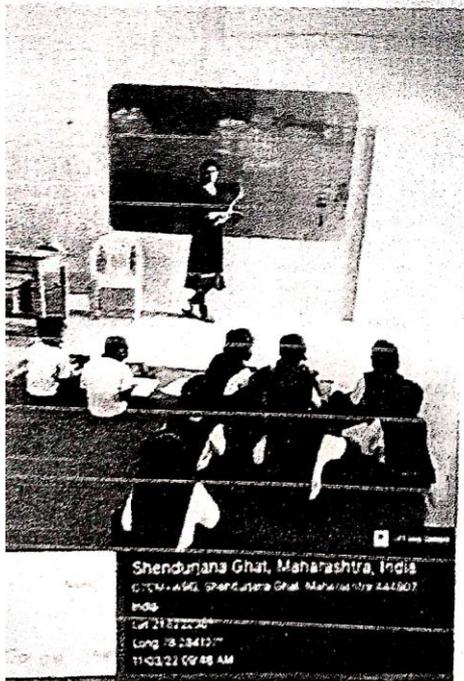
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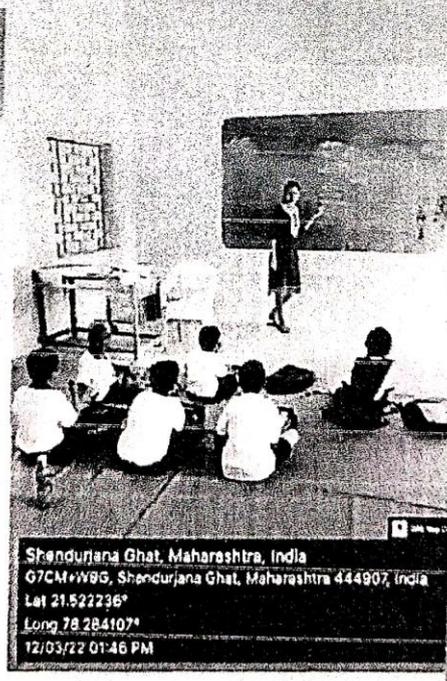
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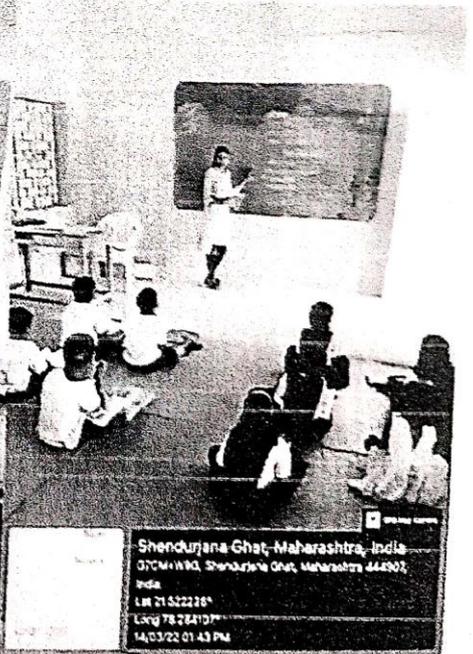
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Best Practice: 2

1. Title of the Practice:

Best From Waste

2. Objectives of the Practice:

Department of Physics and Department of zoology have an innovative practice through which departments created best from waste. Department of physics assemble small electrical waste from the department and from that students make innovative electrical circuit board, switch, wiring etc. Department of zoology collect solid waste from the college campus and put it into the vermicompost tank. This vermicompost made available for the farmers whenever required after processing at very low cost. The main objective of this two departmental activities are as follows.

- To develop the ability to think and organize the thinking to create something useful.
- To indulge the students into an extracurricular activity with exclusive tool i.e. waste material.
- To explore the environmental concepts and actions which are beyond the curriculum & syllabus.
- To make our vision and outlook broader about the nature & society.
- To control the harmful effects of waste on our environment.

3. The Context:

e-waste, electronic waste, e-scrap and end-of-life electronics are terms often used to describe used electronics that are nearing the end of their useful life, and are discarded, donated or given to a recycler. E-waste can be toxic, is not biodegradable and accumulates in the environment, in the soil, air, water and living things. It is also worth considering the effects electronic goods have on climate change. Every device ever produced has a carbon footprint and is contributing to human-made global warming. Currently, recycling some types of e-waste and recovering materials and metals is an expensive process. The remaining mass of e-waste – mainly plastics laced with metals and chemicals – poses a more intractable problem.

4. The practice:

- *Save Money* - increasing recycling can cut your disposal costs and improve your bottom line.
- *Knowledge is power* - By understanding the amount and types of wastes produces, you're better positioned to find ways to reduce hauling costs and negotiate for waste and recycling services that actually fit your needs.
- *Streamline reporting and information sharing* - Tracking waste management activities in one platform and using a standard set of metrics, makes it easier to share and report information with stakeholders.
- *Enhance sustainability* - Managing waste, water, and energy more efficiently are core components of sustainability. Improving organization's sustainability can boost corporate image, attract quality tenants to your properties and positively engage employees.
- *Conserve resources* - Reuse and recycling conserves natural resources including trees, metals and water.

5. Evidence of success:

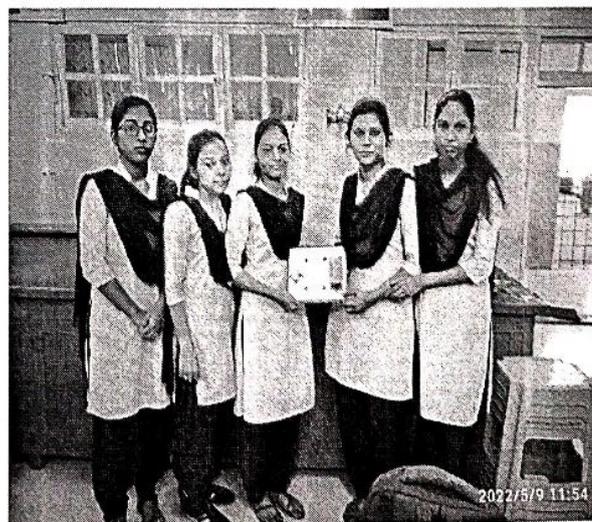
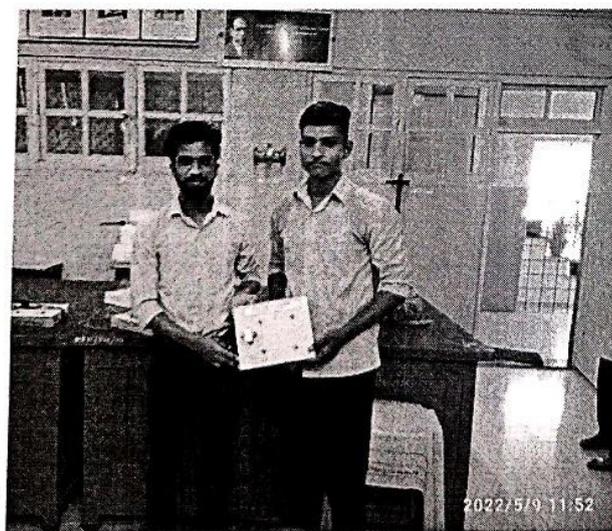
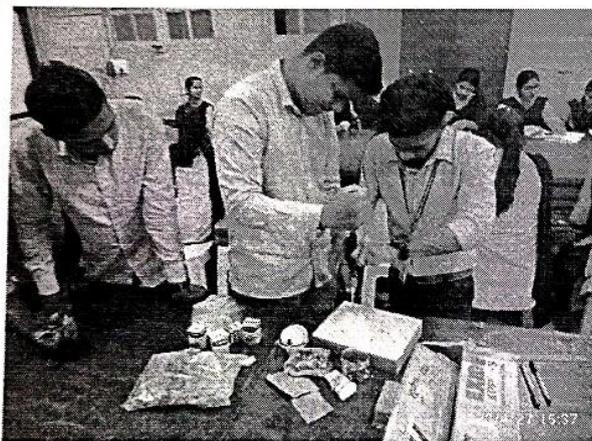
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Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science College, Warud, Dist. Amravati

Department of Physics

A Report on

"In house Fabrication of Experimental Kits 2021-22"

This is the part of one of the Best Practice of Department of Physics. Students of B.Sc. Physics are inspired and motivated to learn and develop the experimental kits on their own. There is large number of experimental kits available in the market which cost a lot to the college and their purchase is difficult most of the time. Hence physics students are encouraged to develop kits in the department itself. All the raw materials are made available to the students group. Students are demonstrated the know-how and fabrication of the kits. Students follow the instructions and prepare the kits on their own.



For the session 2021-22, Six experimental kits have been prepared by B.Sc. I and II year students and have saved approximately Rupees 70100/-. The details of the experimental kits fabricated by the students are as follows:

Sr. No.	Session	Name of Experimental kit fabricated in lab	Expenditure incurred in Rs. (Approx.)	Market Price in Rs. (Approx.)	Quantity prepared	Savings Per Item in Rs. (Approx.)	Total Savings in Rs. (Approx.)
1.	2021-22	Zener Diode as a Voltage Regulator	500/-	3600/-	02	3100/-	6200/-
2.		Determination of Inductance of a coil by phasor diagram method	450/-	17950/-	02	17500/-	35000/-
3.		Determination of Capacitance by phasor diagram method	350/-	14800/-	02	14450/-	28900/-
Total Saving							Rs. 70100/-

Mahatma Fule Arts, Commerce & Sitaramji Chaudhari Science Mahavidyalaya Warud, Dist. Amravati

Department of Zoology

In charge – Dr. Ahmad Shahzad

Vermicompost Balance Sheet

21-22 year

No of Packet sell (1Kg)	Rs. (20/kg)	Total Amount
104 (Rs.20 per kg) Receipt No 43-69 (Available Record)	104×20	2080
	Total	2080


Head of Department
 Head
 Deptt. of Zoology
 Mahatma Fule Arts & Comm. &
 Sitaramji Chowdhari Science Mahavidyalaya
 Warud, Dist. Amravati


Principal
 Mahatma Fule Arts, Commerce & Sitaramji
 Chaudhari Science Mahavidyalaya, Warud


In-Charge
 24-12-22



6. Problems Encountered and Resources Required:

- Focus first on waste prevention, which will help eliminate waste at the source, saving natural resources and energy and cutting costs.
- Evaluate recycling and composting options to manage waste that cannot be prevented.
- Implement waste reduction activities best suited for the organization. Start off with one or two clear activities to get others engaged. Then roll out other initiatives as some of the early waste prevention and recycling behaviours become a habit.

7. Notes (Optional)