

# **M/S. GVG ELECTRICAL AND POWER SANGLI**

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At-Masalwadi, Po-Atpadi,  
Tal.-Atpadi, Dist.-Sangli 415301



Ref. No: GVG/2023-24

Date:16/05/2023

## ***Certificate of Environmental Audit***

This is to certify that **Shahid Virpatni Laxmi Mahavidyalaya, Titave Tal. – Radhanagari, Dist.- Kolhapur** successfully underwent an '**Environmental Audit**' on **16 May 2023** to assess the Eco-friendly initiatives planning carried out on the campus to maintain a sustainable environment to the stakeholders was found **satisfactory**.

Place- Atpadi



Mr.R.S.Pukale

M/s. GVG Electrical and Power, Sangli

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## *Certificate of Green Campus Audit*

This is to certify that **Shahid Virpatni Laxmi Mahavidyalaya, Titave Tal. – Radhanagari, Dist.- Kolhapur**, successfully underwent a '**Green Campus Audit**' on **16 May 2023** and assessed the green initiative's planning and efforts carried out in the campus to keep the environment-friendly atmosphere to the stakeholders was found **satisfactory**.

Place- Atpadi



Mr.R.S.Pukale

M/s. GVG Electrical and Power, Sangli



Shahid Shikshan Prasarak Mandal's

## Shahid Virpatni Laxmi Mahavidyalaya, Titave

Tal - Radhanagari, Dist. - Kolhapur.

### GREEN AUDIT

#### **Introduction:**

The green audit aims to analyze environmental practices within and outside the college campuses, which will have an impact on the eco-friendly atmosphere. Green audit can be defined as systematic identification, quantification, recording, reporting and analysis of components of college environment. It was initiated with the motive of inspecting the effort within the institutions whose exercises can cause threat to the health of inhabitants and the environment. Through the green audit, a direction as how to improve the structure of environment and there are include several factors that have determined the growth of carried out the green audit.

#### **Need For Green Auditing:**

Green auditing is the process of identifying and determining whether institutions practices are eco-friendly and sustainable. Traditionally, we are good and efficient users of natural resources. But over the period of time excess use of resources like energy, water, are become habitual for everyone especially, in common areas. Now, it is necessary to check whether our processes are consuming more than required resources? Whether we are handling resources carefully? Green audit regulates all such practices and gives an efficient way of natural resource utilization. In the era of climate change and resource depletion it is necessary to verify the processes and convert it into green and clean one. Green audit provides an approach for it. It also increases overall consciousness among the people working in institution towards an environment

#### **Goals of Green Audit:**

Shahid Virpatni Laxmi Mahavidyalaya, Titave has conducted a green audit with specific goals they are as follows:

1. Identification and documentation of green practices followed by the institute.
2. Identify strength and weakness in green practices.
3. Analyze and suggest solution for problems identified.
4. Assess facility of different types of waste management.
5. Increase environmental awareness throughout campus.
6. Identify and assess environmental risk.
7. Motivates staff and students for optimized sustainable use of available resources.



8. The long-term goal of the environmental audit program is to collect baseline data of environmental parameters and resolve environmental issue before they become problem.

### **Objectives of Green Audit:**

1. To examine the current practices, which can impact on environment such as of resource utilization, waste management etc.
2. To identify and analyze significant environmental issues.
3. To Setup goal, vision, and mission for Green practices in campus.
4. To establish and implement Environment Management in various departments.
5. To continuous assessment for betterment in performance in green environment.

### **Benefits of Green Audit to Educational Institutions:**

There are many advantages of green audit to an Educational Institute:

1. It would help to protect the environment in and around the campus.
2. Recognize the cost saving methods through waste minimization and energy conservation.
3. Empower the organization to frame a better environmental performance.
4. It portrays good image of institution through its clean and green campus. Finally, it will help to build positive impression for through green initiatives the upcoming NAAC visit.

### **Scope of the audit:**

The broad aims/benefits of the Eco-auditing system would be

1. Environmental education through systematic environmental management approach
2. Improving environmental standards
3. Bench marking for environmental protection initiatives
4. Sustainable use of natural resource in the campus
5. Financial savings through a reduction in resource use
6. Curriculum enrichment through practical experience
7. Development of ownership, personal and social responsibility for the College campus and its environment
- 8 Developing an environmental ethic and value systems in young people



## Executive Summary:

An environmental audit is a snapshot in time, in which one assesses campus performance in complying with applicable environmental laws and regulations. Though a helpful benchmark, the audit almost immediately becomes outdated unless there is some mechanism in place to continue the effort of monitoring environmental compliance.

### INFRASTRUCTURE DETAILS OF TREES AND PLANTS IN CAMPUS:

Sr. No	Common Name	Botanical Name
1	Nutmeg	Myristica fragrans Houtt
2	Clove	Syzygium aromaticum
3	Cinnamon	Cinnamomum verum
4	Neem	Azadirachta indica
5	Aloe Vera	Aloe barbadensis miller
6	Black Pepper	Piper nigrum
7	Hibiscus	Hibiscus
8	Mint	Mentha
9	Sweet neem	Murraya Koenigii
10	Papaya	Carica papaya
11	Tulsi	Ocimum tenuiflorum
12	Vinca	Catharanthus roseus
13	Cymbopogon citratus	Cymbopogon citratus



### **ROOF TOP SOLAR PANELS:**

Roof top solar water heaters are installed in the hostel building. 5KW Grid connected Solar System Used for Water Heating.

### **LIBRARY:**

The college library is partially automated and it has a collection of over 1335 books and a numbers of free resources are available. Internet browsing and OPAC (Online Public Access Catalogue) is also available.

### **AUDITOIRUM:**

The auditorium can accommodate 150 students, aimed at conducting events like department functions, club activities and meeting of various student support organization.

### **GYMNASIUM:**

Gymnasium is provided inside the campus facility to encourage physical activity among the students.

### **WASTE MANAGEMENT**

The food waste generated inside the campus is diverted to a nearby farm on a daily basis. The farm owner takes the food waste and uses it to his needs. An average of 4 kilos of food waste is generated per day.

### **E-WASTE MANAGEMENT:**

E-waste generated in the campus is disposed in scientific and eco-friendly manner.

### **WATER MANAGEMENT:**

Water conservation is a key activity as water availability affects on the development of the campus as well as on all area of development such as farming, industries, etc. Keeping this view water conservation activity is carried out.

### **SOURCES OF WATER:**

1. Bore water A Main source of water is Ground water is extracted to fill the requirement. The college stores the water in overhead tank.
2. The source of wastewater is Domestic Waste Water i.e., Sewage water. The Sewage water mainly comes from Toilets of college, hostel, kitchen and canteen.



### 3. ENERGY MANAGEMENT

#### Inverter Details:

Shahid Virpatni Laxmi Mahavidyalaya, Titave has installed 1 electrical inverter. The capacity of inverter is 10 KVA.

#### ELECTRICITY TREND:

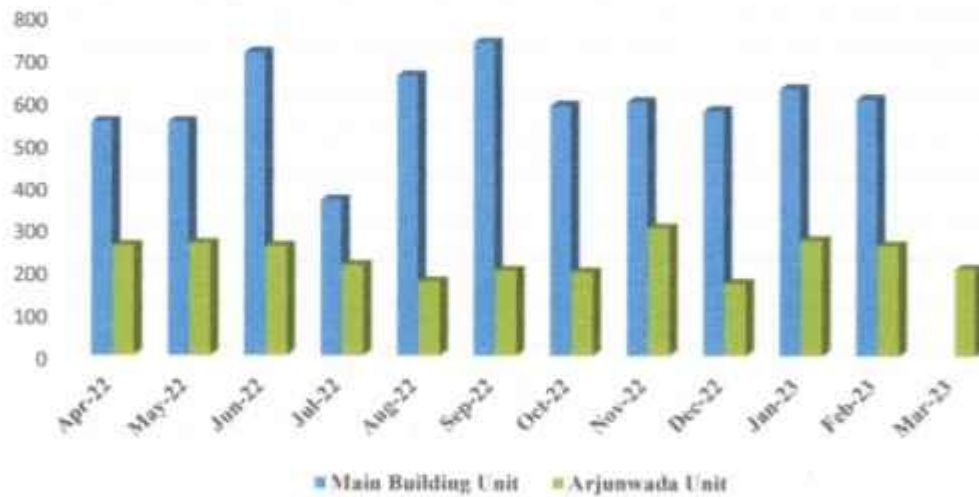
The below graph represents the total electricity consumption trends for the year 2022– 2023 of Shahid Virpatni Laxmi Mahavidyalaya, Titave

2018-2019/2020/2021/2022/2023

Sr. No	Month	Main Building Unit	Arjunwada Unit
1	April 2022	550	256
2	May 2022	550	261
3	June 2022	712	255
4	July 2022	366	211
5	August 2022	658	173
6	September 2022	736	198
7	October 2022	588	194
8	November 2022	597	298
9	December 2022	576	168
10	January 2023	628	269
11	February 2023	603	257
12	March 2023		203



## Energy Consumption



Graph of energy uses in year 2022-2023

### SUMMARY:

Green Audit is one of the important tools to check the balance of natural resources and its judicial use. Green auditing is the process of identifying and determining whether institutional practices are eco-friendly and sustainable. It is a process of regular identification, quantification, documenting, reporting and monitoring of environmentally important components in a specified area. Shahid Virpatni Laxmi Mahavidyalaya, Titave has conducted a "Green Audit" in the academic year 2022-2023. The main objective to carry out green audit is to check the green practices followed by the institute and to conduct a well-defined audit report to understand whether the institution is on the track of sustainable development.

### CONCLUSION:

From the green audit following are the conclusions, which can be taken for improvement in the campus.

- 1) All departments generate paper waste. (Journals, reports, etc.)
- 2) Food waste generated in campus is mostly from is collected from dining areas. The food waste is diverted to nearby farm.



*[Signature]*  
Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagari, Dist. Kolhapur



Ref. No: GVG/2023-22

Date:16/05/2023

## *Certificate of Energy Audit*

This is to certify that Shahid Virpatni Laxmi Mahavidyalaya, Titave Tal. – Radhanagari, Dist.- Kolhapur, successfully underwent an Energy Audit on 16 May 2023 and assessed the electrical energy conservation, energy saving measures, and sustainability in compliance with the applicable regulations, policies, and standards in the campus were found to be **excellent**.

Place- Atpadi



A handwritten signature in blue ink, appearing to read "R.S. Pukale".

Mr.R.S.Pukale

M/s. GVG Electrical and Power, Sangli

## ENERGY AUDIT REPORT

Client Name	<b>Shahid Virpatni Laxmi Mahavidyalaya, Titave Tal. – Radhanagari, Dist.- Kolhapur Pin – 416208</b>
Project Name	<b>Shahid Virpatni Laxmi Mahavidyalaya, Titave Tal – Radhanagari, Dist- Kolhapur Pin – 416208</b>
Date	<b>Year 2022-23</b>
Submitted by	<b>M/s. GVG Electrical and Power, Sangli Tal.- Atpadi, Dist.-Sangli (Maharashtra state)</b>



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## ACKNOWLEDGEMENT

We appreciate the interest and participation of the Honorable Management and Principal and Faculty in carrying out the energy audit at **Shahid Virpatni Laxmi Mahavidyalaya, Titave Tal.- Radhanagari, Dist.- Kolhapur**. Our special thanks to the Technicians and Staff involved in the college who have extended their cooperation and courtesy to the energy audit team during the audit.



## THE ENERGY AUDIT TEAM

Team Member	<p><b>Dr. H.T. Jadhav</b> Certified Energy Auditor Bureau of Energy Efficiency Reg. No-EA-3023</p> <p><b>Mr. R.S. Pukale</b> B.E (Electrical), M-Tech (Power System) M/s. GVG Electrical and Power, Sangli</p>
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## 1. EXECUTIVE SUMMARY (Lighting Load):

Recommendations	Monthly present expenditure in Rs.	Investment for the saving of expenditure in Rs.	Savings per month in Rs.	Payback period in years.
<p><b>1) Principal cabin</b>                      Replace the 40W tube set with the 20W LED tube set.                      Quantity -02 No.</p> <p>Replace the 80W old fan with an energy-efficient fan.                      Quantity -01 No.</p>	362.88	4400	192.78	1.90 Yrs.
<p><b>2) Office</b>                      Replace the 40W tube set with the 20W LED tube set.                      Quantity -04 No.</p> <p>Replace the 80W old fan with an energy-efficient fan.                      Quantity -06 No.</p>	1451.52	22800	793.8	2.39 Yrs.
<p><b>3) Staff Room</b>                      Replace the 80W old fan with an energy-efficient fan.                      Quantity -03 No.</p>	544.32	10500	306.18	2.86 Yrs.
<p><b>4) Store Room</b></p>	Nil	Nil	Nil	Nil
<p><b>5) Computer Lab</b>                      Replace the 40W tube set with the 20W LED tube set.                      Quantity -01 No.</p> <p>Replace the 80W old fan with an energy-efficient fan.                      Quantity -05 No.</p>	997.92	17950	555.66	2.69 Yrs.
<p><b>6) Class Room 1</b>                      Replace the 40W tube set with the 20W LED tube set.                      Quantity -01 No.</p> <p>Replace the 80W old fan with an energy-efficient fan.                      Quantity -01 No.</p>	272.16	3950	147.42	2.23 Yrs.
<p><b>7) Class Room 2</b>                      Replace the 40W tube set with the 20W LED tube set.                      Quantity -02 No.</p> <p>Replace the 80W old fan with an energy-efficient fan.</p>	907.2	14900	498.96	2.49 Yrs.



Quantity -04 No.				
<b>8) Class Room 3</b> Replace the 80W old fan with an energy-efficient fan. Quantity -02 No.	362.88	7000	204.12	2.86 Yrs.
<b>9) Class Room 4</b> Replace the 80W old fan with an energy-efficient fan. Quantity -01 No.	181.44	3500	102.06	2.86 Yrs.
<b>10) Class Room 5</b> Replace the 80W old fan with an energy-efficient fan. Quantity -01 No.	181.44	3500	102.06	2.86 Yrs.
<b>11) Class Room 6</b> Replace the 80W old fan with an energy-efficient fan. Quantity -02 No.	362.88	7000	204.12	2.86 Yrs.
<b>12) Class Room 7</b> Replace the 40W tube set with the 20W LED tube set. Quantity -02 No. Replace the 80W old fan with an energy-efficient fan. Quantity -02 No.	544.32	7900	294.84	2.23 Yrs.
<b>13) Hall No 1</b> Replace the 80W old fan with an energy-efficient fan. Quantity -06 No.	1088.64	21000	612.36	2.86 Yrs.
<b>14) Corridor</b>	Nil	Nil	Nil	Nil
<b>15) Gents Staff Wash Room</b>	Nil	Nil	Nil	Nil
<b>16) Ladies Staff Wash Room</b>	Nil	Nil	Nil	Nil



## 2. SUMMARY OF SAVINGS POTENTIAL OF CLASSROOM

		No. of Tube Light	No. of Fan	Projector	No of Computer	LED Bulb	T. V	Printer	Xerox machine	C.C.T.V.
1	Principal cabin	2	1		1	1	1	1		1
2	office	4	6		7			3	1	2
3	staff room		3		2				1	
4	Store Room					1				
5	Computer Lab	1	5	1	56	7				3
6	Class Room 1	1	1			1				
7	Class Room 2	2	4							1
8	Class Room 3		2		1	1				
9	Class Room 4		1		1	1				
10	Class Room 5		1		1	2				
11	Class Room 6		2		1	1				
12	Class Room 7	2	2			1				
13	Hall No 1		6	1	1	6				1
14	Canteen		2			3	1			1
15	Corridor					11				8
16	Gents Staff Wash Room					1				
17	Ladies Staff Wash Room					2				
	Information of Solar PV plants or windmill if already fixed	5 KW Grid Connected solar system and 10KVA inverter								





1) Principal cabin

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	Tube light	40	2	6	80	480	0.48	Replace the 40W tube set with the 20W LED tube set.
2	Fan	80	1	6	80	480	0.48	Replace the 80W old fan with an energy-efficient fan.
3	Projector	300	0	6	0	0	0	Nil
4	Computer system	250	1	6	250	1500	1.5	Nil
5	LED light	20	1	6	20	120	0.12	Nil
6	TV	50	1	6	50	300	0.3	Nil
7	Printer	300	1	6	300	1800	1.8	Nil
8	Xerox machine	1500	0	2	0	0	0	Nil
<b>Total</b>					<b>780</b>	<b>4680</b>	<b>4.68</b>	

2) office

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	Tube light	40	4	6	160	960	0.96	Replace the 40W tube set with the 20W LED tube set.
2	Fan	80	6	6	480	2880	2.88	Replace the 80W old fan with an energy-efficient fan.
3	Computer system	250	7	6	1750	10500	10.5	Nil
4	Printer	300	3	6	900	5400	5.4	Nil
5	Xerox machine	1500	1	2	1500	3000	3	Nil
<b>Total</b>					<b>4790</b>	<b>22740</b>	<b>22.74</b>	



### 3) Staff room

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	Fan	80	3	6	240	1440	1.44	Replace the 80W old fan with an energy-efficient fan.
2	Computer system	250	2	6	500	3000	3	Nil
3	Xerox machine	1500	1	2	1500	3000	3	Nil
<b>Total</b>					<b>2240</b>	<b>7440</b>	<b>7.44</b>	

### 4) Store Room

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	LED light	20	1	6	20	120	0.12	Nil
<b>Total</b>					<b>20</b>	<b>120</b>	<b>0.12</b>	

### 5) Computer Lab

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	Tube light	40	1	6	40	240	0.24	Replace the 40W tube set with the 20W LED tube set.
2	Fan	80	5	6	400	2400	2.4	Replace the 80W old fan with an energy-efficient fan.
3	Projector	300	1	6	300	1800	1.8	Nil
4	Computer system	250	56	6	14000	84000	84	Nil
5	LED light	20	7	6	140	840	0.84	Nil
<b>Total</b>					<b>14880</b>	<b>89280</b>	<b>89.28</b>	



6) Class Room 1

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	Tube light	40	1	6	40	240	0.24	Replace the 40W tube set with the 20W LED tube set.
2	Fan	80	1	6	80	480	0.48	Replace the 80W old fan with an energy-efficient fan.
5	LED light	20	1	6	20	120	0.12	Nil
<b>Total</b>					<b>140</b>	<b>840</b>	<b>0.84</b>	

7) Class Room 2

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	Tube light	40	2	6	80	480	0.48	Replace the 40W tube set with the 20W LED tube set.
2	Fan	80	4	6	320	1920	1.92	Replace the 80W old fan with an energy-efficient fan.
<b>Total</b>					<b>400</b>	<b>2400</b>	<b>2.4</b>	

8) Class Room 3

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
2	Fan	80	2	6	160	960	0.96	Replace the 80W old fan with an energy-efficient fan.
4	Computer system	250	1	6	250	1500	1.5	Nil



5	LED light	20	1	6	20	120	0.12	Nil
<b>Total</b>					<b>430</b>	<b>2580</b>	<b>2.58</b>	

**9) Class Room 4**

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
2	Fan	80	1	6	80	480	0.48	Replace the 80W old fan with an energy-efficient fan.
4	Computer system	250	1	6	250	1500	1.5	Nil
5	LED light	20	1	6	20	120	0.12	Nil
<b>Total</b>					<b>350</b>	<b>2100</b>	<b>2.1</b>	

**10) Class Room 5**

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
2	Fan	80	1	6	80	480	0.48	Replace the 80W old fan with an energy-efficient fan.
4	Computer system	250	1	6	250	1500	1.5	Nil
5	LED light	20	2	6	40	240	0.24	Nil
<b>Total</b>					<b>370</b>	<b>2220</b>	<b>2.22</b>	

**11) Class Room 6**

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
2	Fan	80	2	6	160	960	0.96	Replace the 80W old fan with an energy-efficient fan.



4	Computer system	250	1	6	250	1500	1.5	Nil
5	LED light	20	1	6	20	120	0.12	Nil
<b>Total</b>					<b>430</b>	<b>2580</b>	<b>2.58</b>	

#### 12) Class Room 7

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	Tube light	40	2	6	80	480	0.48	Replace the 40W tube set with the 20W LED tube set.
2	Fan	80	2	6	160	960	0.96	Replace the 80W old fan with an energy-efficient fan.
3	LED light	20	1	6	20	120	0.12	Nil
<b>Total</b>					<b>260</b>	<b>1560</b>	<b>1.56</b>	

#### 13) Hall No 1

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	Fan	80	6	6	480	2880	2.88	Replace the 80W old fan with an energy-efficient fan.
2	Projector	300	1	6	300	1800	1.8	Nil
3	Computer system	250	1	6	250	1500	1.5	Nil
4	LED light	20	6	6	120	720	0.72	Nil
<b>Total</b>					<b>1150</b>	<b>6900</b>	<b>6.9</b>	

#### 14) Canteen

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
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2	Fan	80	2	6	160	960	0.96	Replace the 80W old fan with an energy-efficient fan.
4	Computer system	250	1	6	250	1500	1.5	Nil
5	LED light	20	3	6	60	360	0.36	Nil
<b>Total</b>					<b>470</b>	<b>2820</b>	<b>2.82</b>	

#### 15) Corridor

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	LED light	20	11	6	220	1320	1.32	Nil
<b>Total</b>					<b>220</b>	<b>1320</b>	<b>1.32</b>	

#### 16) Gents Staff Wash Room

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	LED light	20	1	6	20	120	0.12	Nil
<b>Total</b>					<b>20</b>	<b>120</b>	<b>0.12</b>	

#### 17) Ladies Staff Wash Room

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	LED light	20	2	6	40	240	0.24	Nil
<b>Total</b>					<b>40</b>	<b>240</b>	<b>0.24</b>	



### 3. SUMMARY ANALYSIS OF CURRENT SCENARIO:

#### 3.1 ANALYSIS ENERGY METER.

As per MSEDCL tariff LT-I Residential Tariff

052 LT II Comm 3Ph < 20KW

Connected Load (KW):	10.00 KW
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Consumption Slab (kWh)	Fixed/ Demand Charge=456	Wheeling Charge (Rs/kWh):1.17	Energy Charge (Rs/kWh):5.94
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TOD Zone	Rate	Units	Demand	Charges Rs.
2200 Hrs-0600 Hrs	0	0	0	0
0600 Hrs-0900 Hrs & 1200 Hrs-1800 Hrs	0	0	0	0
0900 Hrs-1200 Hrs	0	0	0	0
1800 Hrs-2200 Hrs	0	0	0	0



1) Main College building

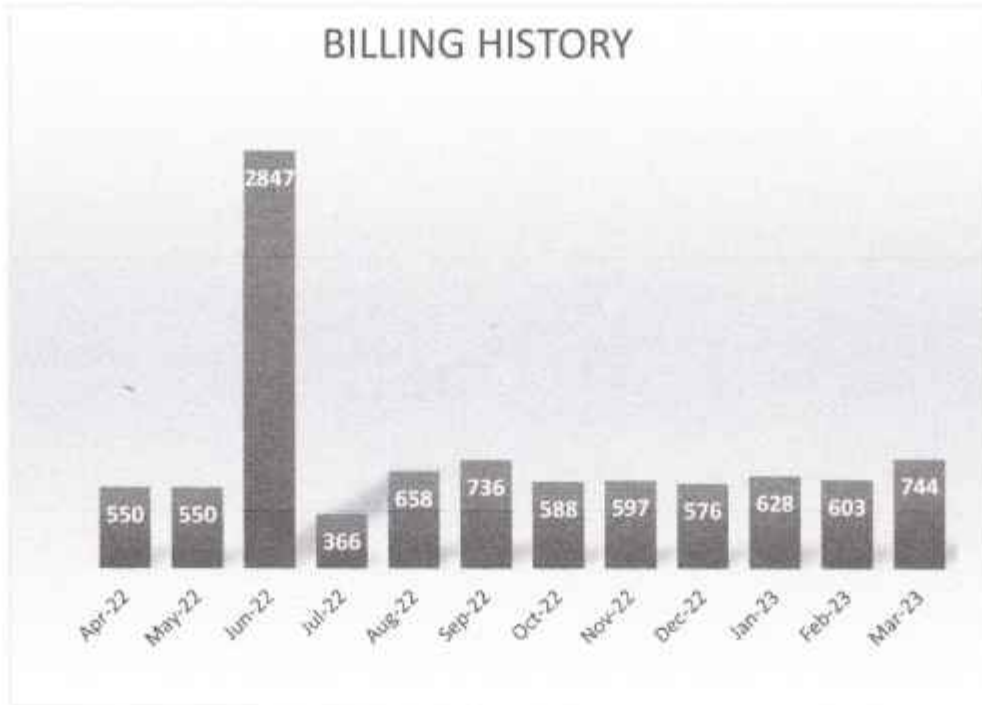
Approx. Unit charges including taxes: - Rs.12.60/- Unit

Maximum Consumption in year 2022-23 = Jun-22 ( 2847 units )

265292654361				
Sr.No	Month	Unit Consumed in KWh	Bill Demand (KVA)	Bill Amount, Rs.
1	Mar-23	744	0	9490.95
2	Feb-23	603	0	7790.18
3	Jan-23	628	0	8091.73
4	Dec-22	576	0	7464.5
5	Nov-22	597	0	7717.8
6	Oct-22	588	0	7609.24
7	Sep-22	736	0	9394.45
8	Aug-22	658	0	8453.6
9	Jul-22	366	0	4941.28
10	Jun-22	2847	0	35273.67
11	May-22	550	0	6397.71
12	Apr-22	550	0	6393.88
	Total	9,443	0	1,19,019
	Maximum	2847	0	35273.67
	Minimum	366	0	4941.28
	Average	787	0	9,918

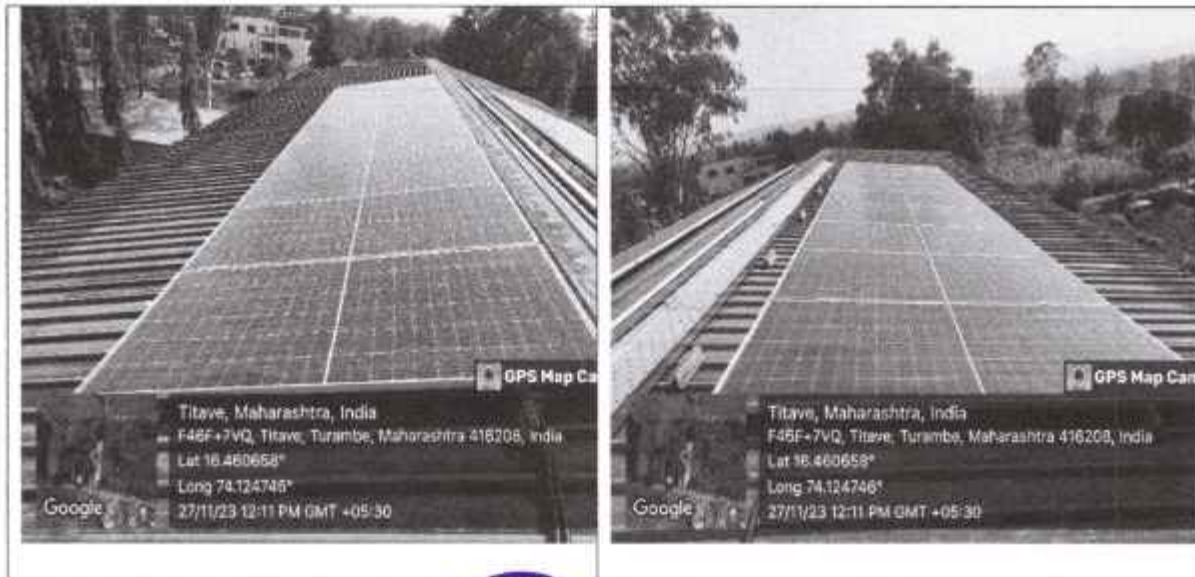


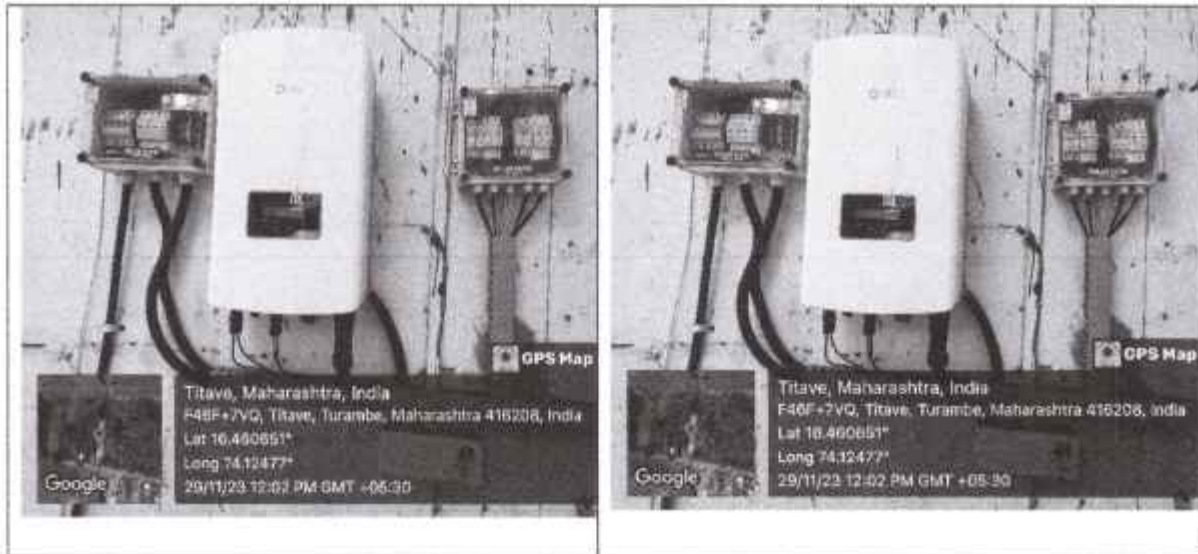




### 3.2 RENEWABLE ENERGY GENERATION:

To promote green energy and energy conservation, the Shahid Virpatni Laxmi Mahavidhyalay, Titavetal Radhanagari, Dist- Kolhapur, is all set to generate 5 Kw electricity by installing Solar PV system on the roof of its RCC buildings.





### 3.2. INSTITUTE IN PROCESS TOWARDS ENERGY CONSERVATION:

- Step by step replace the 40-watt i.e. T12 Fluorescent Tube Lights in the classrooms and Laboratory rooms and use 12W LED which gives almost the same luminous flux.
- Replacing the 80W ceiling fan in classrooms and laboratories with energy-efficient fans of 35 w is very helpful in saving energy.

### 4.0 SCOPE OF WORK:

1. Detailed examination of the existing energy uses of the facility.
2. Measurement and analysis of demand and power factor, energy meter to reduce the energy bill.
3. Detailed examination of the lighting system and other electrical equipment in the laboratory and classrooms.
4. Survey report of the lighting system in the overall institute.



## 5. METHODOLOGY:

### 5.1 MEASURED LUX LEVELS:

Sr.no.	Location/ Area/ Room	Measured Lux	Recommended Lux Level
01	Principal cabin	150	300-500
02	office	135	300
03	staff room	130	100
04	Store Room	100	300
05	Computer Lab	95	100
06	Class Room 1	91	300
07	Class Room 2	60	300
08	Class Room 3	90	300
09	Class Room 4	62	300
10	Class Room 5	92	300
11	Class Room 6	112	300
12	Class Room 7	150	300
13	Hall No 1	95	300
14	Canteen	150	300-500
15	Gents Staff Wash Room	84	300-500
16	Ladies Staff Wash Room	84	300-500



## 5.2 SAVING POTENTIAL CALCULATION IN EACH CLASSROOM AND LABORATORY:

Assumptions: - Working hours of classroom, laboratory, and office = Approx.6hrs  
Unit for institute energy bill = Approx. Rs.12.60 / kWh

### Office

Sr.no	Particulars	Wattage	Quantity	Run Time (Hr/Day)	Total wattage	Watt Hours/Day	Energy consumed per day kWh/day	Recommendation
1	Tube light	40	4	6	160	960	0.96	Replace the 40W tube set with the 20W LED tube set.
2	Fan	80	6	6	480	2880	2.88	Replace the 80W old fan with an energy-efficient fan.
3	Computer system	250	7	6	1750	10500	10.5	Nil
4	Printer	300	3	6	900	5400	5.4	Nil
5	Xerox machine	1500	1	2	1500	3000	3	Nil
<b>Total</b>					<b>4790</b>	<b>22740</b>	<b>22.74</b>	

**Specimen calculation for tube set:-** Energy consumption of conventional tube light set:- 40Watt capacity tube set used for 6 hrs per day so unit consumed by tube is  $40\text{Watt} \times 6\text{hr} \times 1000 = 0.24\text{kwh}$  per day and monthly unit consumed by tube set =  $0.24 \times 30 \text{ days} = 7.2\text{kwh} / \text{month}$ . Energy consumption of one tube in terms of rupees =  $7.2\text{kwh} \times \text{Rs.}12.60 = \text{Rs.}90.72$ .

The office has one tube light set. So the monthly expenditure due to fans is Rs.90.72.

If the tub set is replaced by a 20W LED tube set energy efficient (BEE star rating) it will consume energy Rs. 45.36 for one month.

<b>Office: Replace</b> the 40W tube set with the 20W LED tube set.	Cost of energy Rs.90.72/-	Investment for 20W LED tube set - Rs.450.	Cost of energy Rs.45.36/- Saving=Rs.90.72 -Rs. 45.36 = Rs.45.36/-	Payback period 0.83 yrs.
--	------------------------------	--	---	-----------------------------



**Specimen calculation for Fan:-** An old fan capacity is 80W and used for 6 hrs. per day so the unit consumed by the fan is 80Watt x 6hr 1000 = 0.48 kWh per day and the monthly unit consumed by the fan = 0.48x30 days = 14.4 kWh / month. Energy consumption of fan in terms of Rs. = 14.4 kWh x Rs.12.60 = Rs.181.44.

The office has one old ceiling fan. So the monthly expenditure due to fans is Rs.181.44.

If the old fan is replaced by a new energy efficient (BEE star rating) it will consume energy Rs. 79.38 for one month.

<b>Office:-</b> Replace the 80W old fan with an energy-efficient fan.)	Cost of energy Rs.181.44/-	Investment for BEE star-rated Fan - Rs.3500	Cost of energy Rs.79.38/- Saving=Rs.181.44 -Rs. 79.38 = Rs.102.6/-	Payback period 2.86 yrs.
--	-------------------------------	--	--	-----------------------------

Tube set type	Cost Rs.	Payback	Life	Efficacy
T-8 LED tube light 1.00 inch	1600-2000	3-4 Yrs	10-15 Yrs.	@100-120 Lumens / watt
T-5 LED tube light 0.625 inch	500	6 month-1yr.	3-4 yrs.	110 lumens /watt

#### Evolution of BEE 5-star rated Fan

Speed	1	2	3	4	5
Wattage	13 W	24 W	30 W	40W	55W

Cost: - Rs. 1700 -2000 and Life: - 10-15 yrs.

#### Evolution of regular-rated Fan

Speed	1	2	3	4	5
Wattage	14 W	26 W	39 W	48 W	76 W

Cost: - Rs. 1000 -1500 and Life: - 5-10 yrs.

A typical desktop computer uses about up to 250 watts and 20-40 watts for an LCD monitor and don't forget related devices like cable modem uses 7 watts, D-Link DI-604 router uses 4.5 watts,

To calculate your costs, use this formula:

Watts x Hours Used

$\times \frac{\text{Cost per kilowatt-hour}}{1000} = \text{Total Cost}$

One LCD computer consumes 1.5Kwh (Unit) per day i.e. 9Rs. Per day (300 W x 5 hrs.)

Old version computer consumes 2.5kwh(unit) per day i.e.15Rs. per day (500 W x5hrs)



## 6.0 CONCLUSIONS AND GENERAL RECOMMENDATION OF THE AUDIT

- a) Replace conventional tube light fittings of 40W with T-5 LED Tube light for 400 – 500 lumens light efficacy. Replace 80 W old fan with energy-efficient fans.
- b) Replace old version computer systems with energy-efficient LCD monitors and new generation energy-efficient computer systems.
- c) Ensure maximum natural daylight and natural ventilation in classrooms, Labs, and staff rooms i.e. when it's bright outside in the daytime, turn off the light and open blinds of windows.
- d) Try to turn on lights in our cabin, and labs only after the sun sets. Do your reading and writing near a window or natural illumination.
- e) Installing occupancy sensors to turn ON-OFF lighting and fan can save considerable energy.
- f) Overhead projectors, computers, and UPS all use electricity for power. Be sure to unplug these types of items when they're not in use can achieve energy saving considerably.
- g) Use the power "saving option" (hibernate mode) for the computer and possibly switch off when not in use.
- h) Consider planting trees and shrubs in strategic locations to help reduce the temperature and airflow in the Laboratory, classroom, etc. Trees planted on the west and south sides of buildings help to keep the buildings shaded during hotter weather.
- i) To promote Green Energy and Energy Conservation a roof-top Solar PV plant can be useful.
- j) Suggested to protect all Transformers, Generators, and UPS with fencing and keep the awareness boards and safety signs on 'Dangers' and 'Warnings, etc.
- k) Advised to cover Electrical wires, switch boxes, inverters, and stabilizers so as not to cause any problems to the staff and student members.
- l) Advised to replace old generation computers and TVs with LED monitors and old incandescent (tungsten) bulbs with LED lights and install automatic street solar lights.



A handwritten signature in blue ink, appearing to read "R.S. Pukale".

Mr. R.S.Pukale  
B.E (Electrical), M-Tech (Power System)  
M/s. GVG Electrical and Power, Sangli.



# Shahid Shikshan Prasarak Mandal, Titave's SHAHID VIRPATNI LAXMI MAHAVIDYALAYA

Titave, Tal-Radhanagari Dist-Kolhapur

PH (0231) 254370

E-Mail-svlm.titave@gmail.com

Ref.-:

DATE : / /20

## Criterion VII – Institutional Values and Social Responsibilities

### 7.1: Institutional Values and Social Responsibilities

7.1.3: Quality audits on environment and energy regularly undertaken by the Institution. The Institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

#### Beyond the campus environmental promotion activities

Sr. No	Particular	Date	Page Number
1	Tree Plantation at Vidya Mandir Chandre	3 <sup>rd</sup> Feb 2023	1
2	Tree Plantation at Titave	18 <sup>th</sup> July 2022	6
3	Tree Plantation and Environmental Sanitation at Titave	20 <sup>th</sup> Dec 2021	11
4	One Day Field Visit at Pal	18 <sup>th</sup> Dec 2021	15
5	Tree Plantation on occasion of Sant Gadgebaba Death Anniversary	17 <sup>th</sup> Dec 2021	19
6	Tree Plantation at Pal	12 <sup>th</sup> to 14 <sup>th</sup> June 2021	24
7	Tree Plantation at Pal	25 <sup>th</sup> Jan 2021	31
8	One Day Tree Plantation	21 <sup>st</sup> Aug 2021	35
9	Cleaning Ganapati Temple	18 <sup>th</sup> Oct 2019	39
10	Mahatma Gandhi Jayanti	2 <sup>nd</sup> Oct 2019	43
11	April Cool Celebration	1 <sup>st</sup> April 2019	47



*(Signature)*  
Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tal Radhanagari, Dist. Kolhapur

**SHAHID VIRPATNI LAXMI MAHAVIDYALAYA, TITAVE**  
Department of Science

**Notice**

Date: 28<sup>th</sup> January 2023

All the students are hereby informed that Department of Science of SVLM going to organize "Tree Plantation at Vidya Mandir Chandre" dated on 3<sup>rd</sup> February 2023. All students are requested to participant in this camp.

Date: 3<sup>rd</sup> February 2023  
Time: 11.30 am



**Head of Department**

**Head  
Faculty of Science**



Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagari, Dist. Kolhapur.

**Principal**





Shahid Virpatni Laxmi Mahavidyalaya, Titave  
Tal. Radhanagari Dist. Kolhapur

Event Report

Department Of Science

Tree Plantation at Vidyamandir Chandre.

2022 – 2023

Day: Friday

Date: 3 Feb 2023



Caption: Some photographs during Tree Plantation at Vidyamandir Chandre.



## Detail Report:

Department Of Science organized Tree plantation at Vidyamandir Chandre on 3 Feb 2023, on the occasion 75<sup>th</sup> anniversary of Independence of India celebrated with a aim of involvement of youths in development of Village and Cities.

The inclusion of a tree planting program is intended to raise awareness among the younger generation about the importance of tree planting and how it benefits our environment in numerous ways. As trees are often associated with feelings of pleasantness, calmness, and peace, perhaps today's generation will experience that feeling in their soul, which will be beneficial not only to themselves but also to the environment.

In this program we planted over 20 plants with help of our students and for this program Vidyamandir Chandre Students and faculty fully supported us.

  
**Head of Department**

Head  
Faculty, Science

  
Principal

Shahid Virpatni Lakshmi Mahavidyalaya  
Tilave, Tal. P. Samantnagar, Dist. Kolhapur

**Principal**




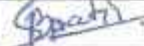

# Shahid Virpatni Laxmi Mahavidyalay, Titave

## Department of Science

Event: Tree Plantation, Chandre

No	Name	Sign
1	Rasika Dilip Vadape	
2.	Dhanashri Sanjay Ranavare	
3.	Amisha Rongrao Kambale	
4.	Sanika Rajendra Torse	
5.	Sakshi Bajirao Khade	
6.	Sakshi Ashok Waghavakar	
7.	Aishwarya Sanjay Vharakat	
8.	Shubhangi Bapu Khandekar.	
9.	Sanika Anil Patil	
10)	patil sanika sunil	
11)	momin Farheen TarshadAhomad	
12)	Kandaval Neha Sandip	
13)	Akanksha Chandrakant Kasape	
14)	Prachi Ananda Chougale	
15)	shubhangi sanjay patil	
16)	Anusadha Maruti Randive	
17)	Sakshi Rongrao Bolave	
18)	Rutuja Rajendra Kambale	
19)	vaishali pandurang kuzale	
20)	smita Babasa Patil	
21)	Vaishali Balasaheb Kadam	
22)	Sushama Tanaji Sankpal	
23)	Shrutika Dhanaji mahekar	
24)	Ankita Ashok Kambale.	
25)	Harshada Hindurao Suryavanshi	



No	Name	Sign
26	Sushma Tanaji Sankpal	
27	Smita Babaso Patil	
28	Shreya Ramchandra Chougale	
29	Pragati Prakash Khot	
30	Harshala Hindurra Suryavanshi	

= 30



  
Principal  
Shahid Virpanni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagari, Dist. Kolhapur

**SHAHID VIRPATNI LAXMI MAHAVIDYALAYA, TITAVE**  
Department of Food Science and Nutrition

**Notice**

Date: 16<sup>th</sup> July 2022

All the students are hereby informed that Department of Food Science and Nutrition of SVLM going to organize **Tree Plantation at Shahid Virpatni Laxmi Mahavidyalaya, Titave** dated on 18<sup>th</sup> July 2022. All students are requested to participant in this camp.

Date: 18<sup>th</sup> July 2022  
Time: 11.30 am

  
**Head of Department**  
Department Of FSN  
SVLM, Titave.

  
**Principal**  
Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tal. Rajwasegaon, Dist. Kolhapur.



## Shahid Virpatni Laxmi Mahavidyalay, Titave

Tal. Radhanagari Dist. Kolhapur

### Event Report

Department of Food Science & Nutrition

Tree Plantation at Shahid Virpatni Laxmi Mahavidyalaya, Titave

2022 – 2023

<b>Name of the Event</b>	Tree Plantation at Shahid Virpatni Laxmi Mahavidyalaya, Titave
<b>Organizing Dept./ Committee</b>	Department of Food Science & Nutrition
<b>Organizing Committee</b>	Miss.Gayatri Patil, Mrs.Poonam Shinde
<b>Day and Date</b>	Monday, 18 <sup>th</sup> July 2022




**Report –**

Department of Food Science & Nutrition Tree Plantation at Shahid Virpatni Laxmi Mahavidyalaya, Titave on 18<sup>th</sup> July 2022. With the aim of involvement of youth of development of Village and Cities,

The inclusion of a tree planting program is intended to raise awareness among the younger generation about the importance of tree planting and how it benefits our environment in numerous ways. As trees are often associated with feelings of pleasantness, calmness, and peace, perhaps today's generation will experience that feeling in their soul, which will be beneficial not only themselves but also to the environment.

In this program we planted over 25 plants with help of our students and this program Tree Plantation at Shahid Virpatni Laxmi Mahavidyalaya, Titave. Students and faculty fully supported us.

  
Head of Department

Head  
Faculty of Science

  
Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagari, Dist. Kolhapur.  
Principal





Some Photographs during Tree Plantation at Titave  
18/July/2022





# Shahid Virpatni Laxmi Mahavidyalaya Titave

## Department Of Computer Science

Academic Year- 2022-2023

Date- 16<sup>th</sup> July 2022

Event- Tree Plantation at shahid virpatni laxmi.c. Titave.

Sr.No	Student Name	Class	Sign
1	BARAGE DIPTI DAYANAND	BSC IT-FY	Dipbarage
2	BHORE SIDDHIKA GANPATI	→→	Bore
3	BHOSALE SANIKA SUNIL	→→	Sanika
4	GAYAKWAD SANJEEVANI TANAJI	→→	Gayakwad
5	GURAV SAKSHI SHIVAJI	→→	Gurav
6	HUJARE RUTUJA SANDIP	→→	Hujare
7	JADHAV SANIKA VILAS	→→	Jadhav
8	JATHAR RAJNANDINI SHIVAJI	→→	Jathar
9	KAMBLE UMA RAMESH	→→	Uma R. G.
10	KESARKAR PALLAVI GOVIND	→→	Kamble
11	KOTHAVALA SRUSHTI DEEPAK	→→	Kothavale
12	LAD AARTI PRAKASH	→→	Aartilad
13	MHALUNGEKAR AARATI BALVANT	→→	Aplad
14	PARIT SANIKA YUVARAJ	→→	Sanitap
15	PATIL AMRUTA RAMDAS	→→	Apatil
16	PATIL NIKITA DATTATRAY	→→	Patil
17	PATIL RUTUJA SANTARAM	→→	Ruttil
18	PATIL SAKSHI NAMDEV	→→	Samdev
19	PATIL SAKSHI SANJAY	→→	Patil
20	PATIL SALONI DIPALI	→→	Patil
21	PATIL SUHANI KUNDALIK	→→	Patil
22	PATIL VAISHNAVI SHAHAJI	→→	Patil
23	PATIL VAISHNAVI VIJAY	→→	Patil
24	POTDAR NEHA DHANAJI	→→	Podar
25	SATHE JYOTI DHANAJI	→→	Sathe
26	SHIRGAONKAR GAUTAMI SUBHASH	→→	Shirgaonkar
27	SONALKAR SHIVANI SUKHDEV	→→	Sonalkar
28	SUTAR PAYAL PRAKASH	→→	Sutar
29	SUTAR SAKSHI KRUSHANTH	→→	Sutar
30	TATE SAYALI VIJAY	→→	Tate



**Principal**

Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagari, Dist. Kolhapur

**Shahid Virpatni Laxmi Mahavidyalaya, Titave**

**Tal. Radhanagari Dist. Kolhapur**

**Event Report**

**Food Science & Nutrition**

**Tree Plantation and Environmental Sanitation**

**At. Titave**

**2021 – 2022**

**Day: Monday**

**Date: 20 December 2021**



**Shahid Virpatni Laxmi Mahavidyalaya, Titave**

Tal. Radhanagari Dist. Kolhapur

**Event Report**

**Food Science & Nutrition**

**Tree Plantation and Environmental Sanitation**

At. Titave

2021 – 2022

<b>Name of the Event</b>	Tree Plantation and Environmental Sanitation
<b>Organizing Dept./ Committee</b>	<b>Department of Food Science &amp; Nutrition</b>
<b>Name of the Teacher</b>	Miss. Shubhangi Vaidya, Mr.Ranjit Palkar , Miss. Amita Patil
<b>Day and Date</b>	<b>20 December 2021</b>





**Caption - Some photographs of the Tree Plantation Event**



## Detail Report

On the occasion of Sant Gadage baba Punyatithi faculty of Food Science & Nutrition organized 'Tree Plantation and Environmental Sanitation' Dated On 20 th December 2021. Considering the Indian tradition of preservation of culture, heritage as well as flora and fauna, the combined event was organized by the institute with a moto of showing the importance of Tree Plantation and Environmental Sanitation. The program started at 11 AM in the morning. All the students and teachers participated in this program. The Students cleaned the side of Pond area. Environmental Sanitation is the promotion of hygiene and, the prevention of disease and other consequences of ill-health, relating to environmental factors. The various hygienic practices of the communities, basic knowledge, skills and human behavior as well as social and cultural factors concerning health, life-styles and environmental awareness are required to spread out to the society. It is well known that pollution keeps on aggravating as population is growing. The consequences are so terrible such as flashfloods, global warming, health problems and many more. To reduce these problems, we need to do something that can make our environment clean and green.

After Environmental Sanitation One by one the students and teachers started planting saplings. Firstly, we started planting saplings in the gardens of our college campus and after that; we planted saplings in the local areas of our college. Planting of trees is especially important to protect our environment against air pollution and global warming. Without oxygen we cannot live for a moment even. Without oxygen, the animal world will die away. Trees make the oxygen and spread it in the air. The aim of this Tree Plantation program is to plant a total of 100 saplings in the college campus and local areas

The drive was a huge success, empowering students with substantial knowledge of environment and plants. Our Chief Mentor J P Sir , Principal Mr.Palkar Sir, all HODS, teacher staff, students were present for this Programme.

  
Faculty Head



  
Principal  
Principal

Shahid Virpatri Laxmi Mahavidyalaya  
Titave, Tal. Rahimnagar, Dist. Solapur

# Shahid Virpatni Laxmi Mahavidyalaya, Titave

Tal. Radhanagari Dist. Kolhapur

## Event Report

Faculty of sciences

One Day Field

Visit

At Pal

Day: Saturday

Date: 18/ 12/2021



# Shahid Virpatni Laxmi Mahavidyalaya, Titave

Tal. Radhanagari Dist. Kolhapur

## Event Report

Faculty of sciences

One Day Field

Visit

At Pal

<b>Name of the Event</b>	One Day Field Visit At Pal For Removing Ranmodi Species
<b>Organizing Dept./ Committee</b>	Department of Food Science & Nutrition
<b>Name of the Teacher</b>	Miss. Shubhangi Vaidya, Miss .Amita Patil , Mr. Ranjit palkar
<b>Day and Date</b>	18 <sup>th</sup> December 2021



Photos –



**Caption - Mr.Anil Chougule Sir Talk About Harmful Species ( Kanmodi)**



**Caption – Some Photographs of the Field Visit**





## Detail Report

The Faculty of Food Science & Nutrition organized One Day Field Visit at Pal For Removing Ranmodi Species dated on 18<sup>th</sup> December 2022. The chief guest was Botanist Dr. Anil Chougale sir and Mr. Vijay Ranmale Sir .First Mr. Ranjeet Palkar gave introductory speech and Chief Guest Introduction.

Then chife guest Dr Anil Chougale sir has said that haphazard growth of Siam weed-scientific name chromolaena odorata, which is called Ranmodi in Marathi –is one of the reasons behind wild animals leaving forest area in search of food .This invasive species, considered one of the most harmful weeds on earth, can be easily found spread across the forests of Kolhapur district and is known to prevent the growth of other plant species, resulting in scarcity of fodder for wild animals like Indian gaur (bison's).He also said that "Ranmodi is encroaching the forest lands due to which few specific species of karvi, Grass, shrubs and trees that are food for bison and other herbivores are getting scarce day by day. Even though food for these animals is available today, the rate in which the invasive species scientifically as when it's dry it can also act as fuel for wild fire. This plant species as it is exotic has no enemies here due to which it grows very fast." The plant species can be extensively found in gargoti (Pal) forest grown as weed and also as climber. Taking help from students and the locals, this invasive species need to be destroyed."

Botanist Mr. Anil chougale and Environmentalists Mr. Vijay ranmale sir has raised their objections against the growth of species with the forest department and state government, seeking its removal before the weed destroys the forest. After that our students removed species of the ranmodi at pal .

  
Head  
Department Of FSN  
SVLM, Titave.



  
Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tai. Radhanagari, Dist. Kolhapur

**SHAHID VIRPATNI LAXMI MAHAVIDYALAYA, TITAVE**

**Department Of Computer Science and NSS**

**Student Notice**

Date: 17 Dec 2021

**Sant Gadgebaba Death Anniversary Celebration**

All students are hereby informed that Department of Computer Science, Shahid Virpatni Laxmi Mahavidyalaya, Titave and NSS Jointly going to organize cleanliness Drive And **Tree Plantation Drive** on the Occasion of Sant Gadgebaba death anniversary.

Kindly participate in this event.

Day: Monday

Date: 20 December 2021

Time: 12:00 P.M.



*[Handwritten Signature]*  
**Principal**  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Maharashtra

Principal

# Shahid Virpatni Laxmi Mahavidyalaya, Titave

Tal. Radhanagari, Dist. Kolhapur

## Event Report

Department of Computer Sciences

&

NSS

Celebration of Sant Gadge Baba

Death Anniversary

2021-2022

Day: Monday Date: 20 December 2021

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# ShahidVirpatniLaxmiMahavidyalaya, Titave

Tal.Radhanagari,Dist.Kolhapur

## EventReport

Department of Computer Sciences

&

NSS

Celebration of Sant Gadgebaba

Death Anniversary

2021-2022

<b>NameoftheEventandGuest</b>	Celebration OfSant Gadgebaba death anniversary
<b>Organizing Dept./Commit tee</b>	Department of Computer Sciences& NSS
<b>Organizing committee</b>	Mr.Sagar Shetage,Mrs.Sanyogita Warake, Miss.RutujaRanamale, Mr.OmkarLokare., Miss. ManishaPotdar
<b>Day and Date</b>	20 December 2021



## Detail Report

Shahid Virpatni Laxmi Mahavidyalaya, Titave. Department of Computer Sciences & NSS unit did celebrate Sant Gadgebaba death anniversary, on 20 December 2021.

December 20 marks a celebration of Sant Gadgebaba Punyatithi in Maharashtra. It is the death anniversary mendicant- saint and social reformer who lived to bring about a change in society, offering social justices and reformer about sanitation. He was born on 23<sup>rd</sup> February 1876 and passed away on December 20, 1956 in Amravati.

On this occasion Computer Science and NSS unit has organize cleanliness drive And Tree Plantation."

India is in dire need of a cleanliness drive like SwachhataAbhiyan(cleanliness drive ) to eradicate dirtiness. It is important for the overall development of citizens in terms of health and well-being. As the majority of the population of India lives in rural areas, it is a big problem. Therefore, this Clean India mission can be of great help in enhancing the living conditions of the people.

The SwachhataAbhiyan aims to eliminate open defecation, eradicate manual scavenging, introduce modern solid waste management and promote a positive attitude towards healthy sanitation practices.

Tree Plantation drives combat many **environmental issues** like deforestation, erosion of soil, desertification in semi-arid areas, global warming and hence enhancing the beauty and balance of the environment. Trees absorb harmful gases and emit oxygen resulting in an increase in oxygen supply.

Therefore, Tree Plantation is most important for our Life.



Principal  
Shahid Virpatni Laxmi Mahavidyalay  
Titave, Tal.Radhanagari, Dist.Kolhapur

Photos-

Cleanliness drive:-



**DEPARTMENT OF SCIENCE & NSS**

Notice

Date: - 10/06/2021

Dear Students,

All the Students are hereby informed that Department of science is going to organize Tree Plantation At Pal on 12<sup>th</sup> June to 14<sup>th</sup> June 2021, Therefore it will be mandatory for all to attend the program . Attendances will be conduct so, kindly join the Plantation Program .

  
HOD

Head  
Faculty Of Science

  
Principal  
Shehid Virpatni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagari, Dist. Kolhapur.



**Shahid Virpatni Laxmi Mahavidyalaya, Titave  
Tal. Radhanagari Dist. Kolhapur**

**Event Report**

*Faculty of sciences*

**Plantation at Pal**





**Shahid Virpatni Laxmi Mahavidyalaya, Titave**

**Tal. Radhanagari Dist. Kolhapur**

**Event Report**

**Plantation at Pal**

**Photos –**





**Detail Report**

Shahid Virpatni Laxmi Mahavidyalaya Titave, Faculty of Sciences organizes tree plantation at Pal in presence of Chief mentor Dr. Jagannath Patil sir , Principal Mr. Prashant Palkar sir, Science faculty head Mr.Rahul Kamble sir, B.Sc.IT faculty head Mr. Santosh Chougale sir, B.CA.faculty head Mrs. Anilya Patil madam, BAMM faculty head Mr. Digvijay Kumbhar sir, teaching and non teaching staff and students from all departments of college.

The main reason for the plantation was to spread awareness and importance about tree plantation within all. And save environment as we can. Trees have so many good qualities in them which makes them nature's most useful gift but their best quality is their ability to provide oxygen that is very essential for human survival. Some of the advantages of planting trees are that they provide food, protection, and homes for many birds and mammals. People must understand the importance of planting trees and how it helps our environment in so many ways. Trees are often associated with feeling pleasant, calm, and relaxed. Planting trees can also help people become better versions of themselves as it would not only make them feel accomplished but also would be helping to protect our environment.

Trees play a major role in developing one's childhood and record the history of the family as they grow and develop beside you and your family. People emotionally connect with the trees that they plant and instantly create a bond with them. We get personally attached to the trees that we like and see every day. Because of these strong bonds that we have with trees, there are multiple groups and organizations across the world that solely deal with protecting and saving large and historic trees from the risks of our modern developments.

Organizer

  
Faculty Head  
Head  
Faculty Of Science

  
Principal  
Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagar, Dist. Kolhapur



Shahid Virpatni Laxmi Mahavidyalay,  
Titave

Tal. Radhanagari Dist. Kolhapur

Department of Science &NSS

Tree Plantation

At

Pal

Date:-12<sup>th</sup> June 2021 TO 14 June 2021

Sr.no	Name	Signature	Signature	Signature
		12/06/2021	13/06/2021	14/06/2021
1.	Prachi A. chougale			
2.	Akanksha C. korape			
3.	shubhangi S. Patil			
4.	Anuradha M. Randive			
5.	Farheen T. Momin			
6.	Sarika Anil Patil			
7.	Shobhangi Bapu Khondekar			
8.	Sukshi Rangrao Balane			
9.	Vrushali Panchurang Kusale			
10.	Vaishnavi Satish chougale			



11.	Vaishnavi shaxar khamle	<del>VSK</del>	<del>VSK</del>	<del>VSK</del>
12.	Samrudhi Hindurav Tadhar	<del>Samudhi</del>	<del>Samudhi</del>	<del>Samudhi</del>
13.	Shreya Ramchandra Chauhan	<del>Shreya</del>	<del>Shreya</del>	<del>Shreya</del>
14.	Sanika Vishnu Bhavakar	<del>SMB</del>	<del>SMB</del>	<del>SMB</del>
15.	Sanyukta Vishwas Kadam	<del>SKadam</del>	<del>SKadam</del>	<del>SKadam</del>
16.	Poojibha Pitsai lingade	<del>Pingalo</del>	<del>Pingalo</del>	<del>Pingalo</del>
17.	Ganite Babasaheb Jaitil	<del>GJaitil</del>	<del>GJaitil</del>	<del>GJaitil</del>
18.	Vaishnavi Balasahab Inam	<del>Radans</del>	<del>Radans</del>	<del>Radans</del>
19.	Shrutika Dhanraj Mahakar	<del>SMakar</del>	<del>SMakar</del>	<del>SMakar</del>
20.	Sushama Tanaji Sankar	<del>STK</del>	<del>STK</del>	<del>STK</del>
21.	Ankita Ashok Kamble	<del>AK</del>	<del>AK</del>	<del>AK</del>
22.	Harshada Hindurav Suryankar	<del>HS</del>	<del>HS</del>	<del>HS</del>
23.	Sahya Yakub Tambali	<del>SYT</del>	<del>SYT</del>	<del>SYT</del>
24.	Samradni Suresh Patil	<del>SP</del>	<del>SP</del>	<del>SP</del>
25.	Rasika Dilip Vaspe	<del>RV</del>	<del>RV</del>	<del>RV</del>
26.	Prerana Sambhaji Patil	<del>SP</del>	<del>SP</del>	<del>SP</del>
27.	Shreya Suresh Sutar	<del>SS</del>	<del>SS</del>	<del>SS</del>
28.	Pallavi Bajirao Patil	<del>BP</del>	<del>BP</del>	<del>BP</del>
29.	Pragati Prakash Khat	<del>PKhat</del>	<del>PKhat</del>	<del>PKhat</del>
30.	Shreya Bapusa Patil	<del>SP</del>	<del>SP</del>	<del>SP</del>
31.	Amis Na Rangrao Kamble	<del>AK</del>	<del>AK</del>	<del>AK</del>
32.	Sakshi Ashok Wagavekar	<del>SWagavekar</del>	<del>SWagavekar</del>	<del>SWagavekar</del>
33.	Aishwarya sanjay bhankar	<del>ABhankar</del>	<del>ABhankar</del>	<del>ABhankar</del>
34.	Madhura Tanaji patil	<del>MP</del>	<del>MP</del>	<del>MP</del>
35.	Kirale Shubhangi Manli	<del>SM</del>	<del>SM</del>	<del>SM</del>
36.	Kamble Sanjana Geeta	<del>SGKamble</del>	<del>SGKamble</del>	<del>SGKamble</del>
37.	Patil Pallavi Shashikant	<del>PSK</del>	<del>PSK</del>	<del>PSK</del>
38.	Patil Mayuri Manli	<del>MPatil</del>	<del>MPatil</del>	<del>MPatil</del>
39.	Patil Neha Ashok	<del>NPatil</del>	<del>NPatil</del>	<del>NPatil</del>
40.	Kankar Dhanashri Prakash	<del>PKankar</del>	<del>PKankar</del>	<del>PKankar</del>
41.	Rane Dipali Suresh	<del>DRane</del>	<del>DRane</del>	<del>DRane</del>
42.	Kamble Rutuja Ranjendra	<del>RRKamble</del>	<del>RRKamble</del>	<del>RRKamble</del>
43.	Patil Prajakta Parulab	<del>PPatil</del>	<del>PPatil</del>	<del>PPatil</del>
44.	Balugade Harshada Shahaji	<del>HSB</del>	<del>HSB</del>	<del>HSB</del>
45.	Ronavare Dhanashri sanjay	<del>DRonavare</del>	<del>DRonavare</del>	<del>DRonavare</del>
46.	Patil sanika sunil	<del>SP</del>	<del>SP</del>	<del>SP</del>
47.	Patil Reshma Ashok	<del>RA</del>	<del>RA</del>	<del>RA</del>

= 47



**SHAHID VIRPATNI LAXMI MAHAVIDHYALAY, TITAVE**

**Department Of BCA**

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**Student Notice**

Date: 25 January 2021

**Tree Plantation Program**

All students are hereby informed that BCA Department of Shahid Virpatni Laxmi Mahavidhyalay, Titave and NSS Jointly going to organizing Tree Plantation Program on 29 January 2021.

Therefore, Kindly Participate in this activity



  
Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagari, Dist. Kolhapur

**Report on**

**Tree Plantation Program**

**Celebrated On**

**29 January 2021.**

**Celebrated at**



**Shahid Virpatni Laxmi  
Mahavidhyalay**

**A/P Titave, Tal- Radhanagri, Dist.-Kolhapur**

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## Tree Plantation Program

On the 29 January 2021, Computer Dept. of Shahid Virpatni Laxmi Mahavidhyalay, Titave and NSS Unit has arranged Tree Plantation Program.

In this activity all Student as well as NSS volunteers had been planted plants in gargoti, pal location.







*Principle*

Principal  
Shahid Virpanni Laxmi Mahavidyalay  
Titave, Tal.Radhanagari, Dist.Kolhapur

SHAHID VIRPATNI LAXMI MAHAVIDYALAYA, TITAVE

DEPARTMENT OF SCIENCE

Notice

Date: - 19/08/2020

All the Students are hereby informed that Department of science is going to organize **One day Tree Plantation**, at Pal dated on 21 Aug 2020, Thursday at 9.00am. All the students are compulsory attain to this program.

  
Principal

Principal

Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Sonarejan, Dist. Kolhapur.

Prabhu = B-SC-II

Prabhu = B-SC-I

Prabhu = DMU-II

**Shahid Virpatni Laxmi Mahavidyalaya, Titave  
Tal. Radhanagari Dist. Kolhapur**

**Event Report**

**Faculty of sciences**

**Plantation at Pal**





**Student Attendance**  
**Department of Science**

Sr.No.	Student Name	Class	Sign
1)	Vaishnavi Satish Chougale	B.sc Micro SY	Chougale
2)	Shreya Ramchandra Chougale	B.Sc (Micro) SY	Chougale.
3)	Sanika Vishnu Rbhavkar	B.Sc Micro SY	Sanika
4)	Kumud Keshav Patil	- II -	KPatil
5)	Aishwarya Sanjay Vharakut	- II -	Ashwarya
6)	Harshada Shahaji Balugade	- II -	HS Balugade.
7)	Kumud Keshav Patil	- II -	KPatil
8)	Vaishnavi Sharad Khankar	- II -	Khankar
9)	Sanyukta Vishwajit Kadam	- II -	S.Kadam
10)	Pratibha Piroji Lingade	- II -	Lingade
11)	Sakshi Satappa Aswadale.	- II -	Aswadale.
12)	Sanika Satappa Khade.	- II -	Khade.
13)	Shrutika Ramesh Patil	- II -	SPatil
14)	Paachi Dhanaji Patil	- II -	Patil
15)	Sadhana Pattatray Popale	- II -	Popale
16)	Sanika Rajendra Torse	- II -	Torse
17)	Sakshi Ashok Wagavekar	- II -	Wagavekar
18)	Sanika Jambhaji Morabale	- II -	Morabale
19)	Amisha Rangrao Kamble	- II -	RKamble
20)	Shubhangi Manali Kuvale	- II -	Kuvale
21)	Rutuja Shivaji Gadiwadd	- II -	RGadiwadd
22)	Dhanashri Sanjay Ranavare	- II -	DRanavare.
23)	Sudeshna Sahas Patil	- II -	SPatil
24)	Smruti Babasa Patil	- II -	Patil
25)	Sanika Sursh Gayakwar	BSE - TY	Gayakwar
26)	Vinaya N. Chougale	- II -	Chougale
27)	Pragya S. Pawari	- II -	Pawari
28)	Sakshi S. Kurav	- II -	Kurav
29)	Nikita B. Patil	BSc. micro	Patil



*(Signature)*  
Principal

Shahid Virpanni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagari, Dist. Kolhapur

**SHAHIDVIRPATNILAXMIMAHAVIDYALAYA, TITAVE**

**Department Of BCA**

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**Student Notice**

Date : 16 October 2019

**Cleaning Ganapati Temple**

All students are hereby informed that Computer Dept. of Shahid Virpatni Laxmi Mahavidyalay, Titave and NSS Jointly is going to organizing Cleaning Ganapati Temple as a next day of chaturthi on 18 October 2019.

Therefore , Kindly Participate in this activity



  
Principal  
Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave Tal. Wadnanagari, Dist. Kolhapur

**Report on**

**Cleaning Ganapati Temple**

**Celebrated On**

**18th October 2019**

**Celebrated at**



**Shahid Virpatini Laxmi Mahavidyalay**

**A/P Titave, Tal- Radhanagari, Dist-Kolhapur**



## Cleaning Ganapati Temple

On the 18th October 2019, Computer Dept. of Shahid Virpatni Laxmi Mahavidyalay, Titave and NSS Unit has arranged Cleaning Ganapati Temple as a next day of chaturthi on 18 October 2019..

Departmental Students as well as NSS volunteers has went to the Turumbe Ganapati Temple as next day of Chaturthi and Clean campus of temple.







**SHAHID VIRPATNI LAXMI MAHAVIDYALAYA, TITAVE**

**Department Of Computer**

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**Student Notice**

Date : 29 September 2019

**Mahatma Gandhi Jayanti**

All students are hereby informed that Computer Dept. of Shahid Virpatni Laxmi Mahavidyalaya, Titave and NSS Jointly is going to organizing Mahatma Gandhi Jayanti on 2nd October 2019.

Therefore , Kindly Participate in this activity



Principal  
*[Signature]*  
Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave Tal - Ardhnanagari, Dist. Kolhapur

**Report on**

**Mahatma Gandhi Jayanti**

**Celebrated On**

**2nd October 2019**

**Celebrated at**



**Shahid Virpatini Laxmi Mahavidyalay**

**A/P Titave, Tal- Radhanagari, Dist-Kothapur**



## **Mahatma Gandhi Jayanti**

**On the 2nd October 2019, Computer Dept. of Shahid Virpatni Laxmi Mahavidyalay, Titave and NSS Unit has arranged Mahatma Gandhi Jayanti Celebration.**

Departmental Students as well as NSS volunteers has participated in different activities taken under celebration such as cleaning campus and Rangoli Drawing .





1 April 2019



## A Report on April Cool Celebration



April Cool Celebration , 1 Apr 2019

Certain changes are more than welcome since they mean betterment. And if this betterment stands for environment then there is no chance that anyone wouldn't appreciate it.

1st April, This day has been celebrated since ages as Fool's Day. But this year efforts are being made to actually celebrate this day in a new form. Shahid Virpatni Laxmi Mahavidyalay has taken the initiative of celebrating 1st April as Cool Day. We wanted to do



something good this day and something that would benefit even the coming generations. That is why we converted Fool's Day into a cool day, and is spreading this campaign on social media. People must take the initiative of planting one tree each and carry on this every year so that the city gains back its cool climate. This step is certainly going to be a great step towards environment conservation.

A programme filled with outstanding performances, speeches on basis of one plant information, usage, presentation about it.

The programme was intended to instill positive attitude, discipline and develop the creative and innovative potential of young minds.

Function Started with Welcoming of honourable Guest President of SSPM Shrimati Laxmibai Sitaram Patil with welcoming song and Song of SNDT university in the presence of honourable guest Mr. Rajendra Barage ( Forest Officer), Mr. Rajendra Sabale as (Forest Officer), Development Executive Officer Institute Mr. Abdar Sir, Principal of SVL College Mr. Santosh Jugale, Principal of SPS Mr. Madan Haral Patil, Vice Principal Mahanid Public School Mr. Anil Bhandawaie.

Program continue with Speeches of dignitaries and students. Everyone enlightened about need and usage of trees. The



assembly concluded with vote of thanks of Mr. Vinayak Bhoi which brought programme summary with a saga of love for nation and feeling of Unity.

## Photo Gallery







*Srinivas*

Principal  
Shahid Virpatni Laxmi Mahavidyalaya  
Titave, Tal. Radhanagari, Dist. Kolhapur.

## Tree Plantation At Pal Tal : Bhudargad

Date 12-June-2021 To 14 June 2021

**ग्राम पंचायत, पाल**  
ता.भुदरगड जि.कोल्हापुर

**प्रमाणपत्र**

प्रमाणित करण्यात येते कि,

खादी वीरपती लक्ष्मी महाविद्यालय, तिस्ने

आपण दिनांक 12 ते 14 जून 2021 या दिवशी "झाडे लावा झाडे जगवा" या वृक्षरोपण कार्यक्रमात सहभागी होऊन पर्यावरण वचावाच्या दृष्टीने खूप मोठे योगदान दिले आहे. तुम्ही केलेल्या या कार्यासाठी आम्ही तुमचे अभिनंदन करतो.





  
सरपंच  
ग्रामपंचायत पाल  
ता.भुदरगड जि.कोल्हापुर

  
उपसरपंच

  
ग्रामसेवक

### English Translation

Gram Panchayat Pal, Tal: Radhanagari, District: Kolhapur

You as well as the students of your college have contributed a lot towards environment protection by participating in the tree plantation program "Zade Lava Zade Jagawa (Save Tree)".

We congratulate you for the work you have done!



# ग्रामपंचायत, पाल.

ता.भुदरगड जि.कोल्हापुर

## प्रमाणपत्र

प्रमाणित करण्यात येते कि,

झाहीद वीशपती लक्ष्मी महाविद्यालय, तिळे

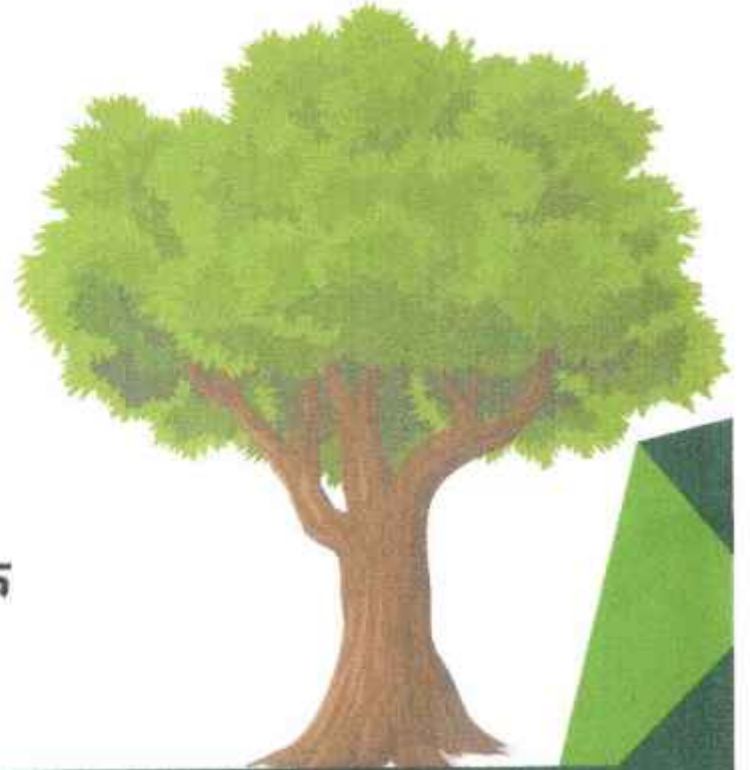
आपण दिनांक 12 ते 14 जून 2021 या दिवशी "झाडे लावा झाडे जगवा" या वृक्षरोपण कार्यक्रमात सहभागी होऊन पर्यावरण बचावाच्या दृष्टीने खूप मोठं योगदान दिले आहे. तुम्ही केलेल्या या कार्यासाठी आम्ही तुमचे अभिनंदन करतो.

  
सरपंच

ग्रामपंचायत पाल  
ता.भुदरगड, जि.कोल्हापुर

  
उपसरपंच

  
ग्रामसेवक



Tree Plantation at Chandre Tal: Radhanagari, Dist:Kolhapur

03/02/2023



English Translation

It is hereby certified that,

Shahid Virpatni Laxmi Mahavidyalaya, Titave

This certificate is being given for coming to our Chandre village and creating awareness about tree plantation and planting trees.

We wish you all the best for your future work on tree conservation!



# ग्रामपंचायत चंद्रे.

स्थापना १९५६



ता. राधानगरी, जि.कोल्हापूर

## प्रमाणपत्र

प्रमाणित करण्यात येते कि,

Shabid Vixpatni Laxmi Mahavidyalay, Titave.

आमच्या चंद्रे गावात येऊन वृक्षारोपण संदर्भात जनजागृती करून वृक्षारोपण केल्याबद्दल हे प्रमाणपत्र देण्यात येत आहे .

भविष्यात देखील वृक्ष संवर्धनाबाबत आपल्याकडून केल्या जाणाऱ्या कामासाठी खूप खूप शुभेच्छा !

दिनांक : 3/2/2023

सरपंच  
सरपंच

ग्रामपंचायत चंद्रे.

ता. राधानगरी, जि.कोल्हापूर



अ. बा. प्रादीप  
उपसरपंच