

Shri Vithal Institute of Progressive Education's

## Institute of Computer & Management Studies

Old - Kasegaon Road, Kasegaon, Tal. Pandharpur, Dist. Solapur. Pin.413304

Email.: icmskasegaon@yahoo.com Website.: <https://www.icms.svipe.edu.in>

(Approved by Govt. of Maharashtra and Affiliated to Punyashlok Ahilyadevi Holkar Solapur University, Solapur)

B.C.A & B.Sc. (Entire Computer Science)



Ref No.:

Date.:

<b>Criteria 7.1.3:</b>	<p>Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following</p> <ol style="list-style-type: none"><li>1. Green audit / Environment audit</li><li>2. Energy audit</li><li>3. Clean and green campus initiatives</li><li>4. Beyond the campus environmental promotion activities</li></ol>
<b>Findings of DVV</b>	<p>HEI not provided any supporting documents. Kindly provide the following documents; 1)Policy document on environment and energy usage 2) Green Audit / Environment Audit / Energy Audit reports by involving the one external expert of the accredited Institution / Government / Govt. recognized organization. 3) Certificate from the auditing agency. 4) Certificates of the awards received from the recognized agency. 5)Report on environmental promotional activities conducted beyond the campus with geo tagged photographs with caption and date. 6)Action taken reports and achievement report as clear and Green campus initiatives. 7)Any other supporting document for the claims made.</p>
<b>Response of HEI</b>	<ol style="list-style-type: none"><li>1) Policy document on environment and energy usage is attached as <b>Appendix-I</b></li><li>2) Green Audit / Environment Audit / Energy Audit reports is attached as <b>Appendix-II</b></li><li>3) Certificate from the auditing agency is attached as <b>Appendix-III.</b></li><li>4) The environmental promotional activities conducted beyond the campus with geo tagged photographs with caption and date are attached as <b>Appendix-IV.</b></li><li>5) Certificates of the recognition/awards received from the recognized bodies is attached as <b>Appendix-V.</b></li><li>6) The initiatives for clean and green campus are attached as <b>Appendix-VI.</b></li></ol>



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PRINCIPAL,  
Institute of Computer and Management  
Studies, Kasegaon, Tal. Pandharpur

# Appendix-I

Policy Document for  
Environment and  
Energy Usage



Shri Vithal Institute of Progressive Education's

**Institute of Computer & Management studies, Kasegaon**

(Approved by Govt. of Maharashtra and Affiliated to Solapur University, Solapur)  
B.C.A. & B.Sc. (Entire Computer Science)

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Ref: No./ICMS/2017-18/162

Date: 06/11/2017

## Circular

In order to promote a greener and more sustainable campus environment, the Institute has established the following policies:

### Energy Conservation

- To raise awareness about energy usage and the importance of an eco-friendly environment, the Institute will organize speeches, competitions, street plays, etc.
- Class coordinators will conduct awareness sessions at the beginning of each semester to educate students about energy-saving practices and the benefits of an eco-friendly atmosphere.
- Prominent posters and banners will be displayed throughout the campus, encouraging students to turn off electrical equipment when not in use.
- A Free transportation facility will be provided to staff members in order to enhance the use of public transportation and in turn reduce the carbon emission.
- Installation of energy-efficient LED bulbs will be implemented across the campus to reduce energy consumption.
- Photovoltaic solar panels will be installed as an alternate energy source for generating electricity.

### Environmental Preservation

- Properly positioned dust bins will be available throughout the campus for the collection of dry and wet waste.
- Effective waste management will be implemented, ensuring separate collection and disposal of solid and liquid waste.
- Rainwater harvesting initiatives will be initiated to conserve water resources.
- Measures will be taken to avoid the use of plastic on campus.
- E-waste will be collected and appropriately disposed of to minimize environmental impact.
- Encouragement will be given to reduce or eliminate unnecessary paper printing, promoting a paperless environment unless absolutely necessary.

### Green Campus

- Regular tree plantation drives should be implemented to enhance the campus's greenery.
- Every employee of the Institute is encouraged to plant at least one tree annually.

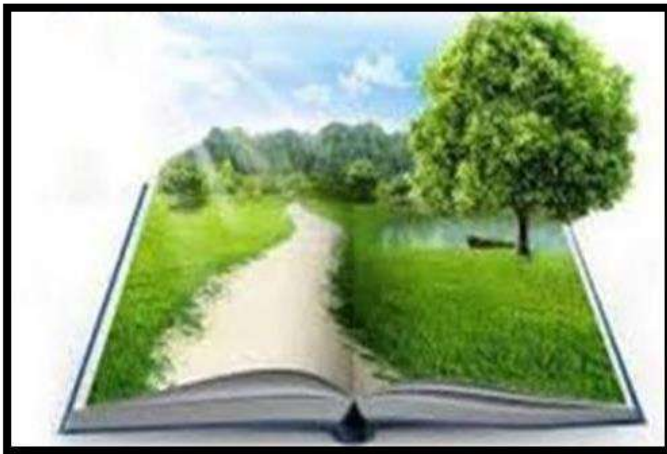


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Studies, Kasegaon. Tal. Pandharpur

# **Appendix-II**

**Green Audit /  
Environment Audit /  
Energy Audit**

**SVIPE's**  
**Institute of Computer and Management**  
**Studies, Kasegaon**  
**Pandharpur, Dist.-Solapur (2020-2021)**



**Prepared By**

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## **1. Executive Summary**

The rapid development in infrastructure at local, regional and global level has led to various environmental issues. In light of the increasing ecological concerns, it is crucial to take immediate action and foster eco-friendly practices. The Institute firmly believes that environmental conservation should be accompanied by sustainable actions. The Institute has an Environment policy. SVIPE's Institute of Computer and Management Studies, Kasegaon initiates the green initiatives and environment friendly Campus activity which will support environmentally sustainable development.

The purpose of the audit was to ensure that the practices followed in the campus are in accordance with the Green Policy adopted by the institution. The methodology include: physical inspection of the campus, observation and review of the documentation, interviewing key persons, data analysis, measurements and recommendations. It works on the several facets of 'Green Campus' including Water Conservation, Tree Plantation, Waste Management, Paperless Work and Alternative Energy. With this in mind, the specific objectives of the audit are to evaluate the adequacy of the management control framework of environment sustainability as well as the degree to which the departments are in compliance with the applicable regulations, policies and standards. It can make a tremendous impact on student's health and learning college operational costs and the environment. The criteria, methods and recommendations used in the audit are based on the identified risks.

### **1.1 Introduction**

Green Audit can be defined as systematic identification, quantification, recording, reporting and analysis of components of environmental diversity. The 'Green Audit' aims to analyze environmental practices within and outside the college campus, which will have an impact on the eco-friendly ambience. It was initiated with the motive of inspecting the work conducted within the organizations whose exercises can cause risk to the health of inhabitants and the environment. Through Green Audit, one gets a direction as how to improve the condition of environment and there are various factors that have determined the growth by carrying out Green Audit.



Green audit is assigned to the criteria 7 of NAAC, National Assessment and Accreditation Council which is a self-governing organization of India and it declares the institutions as Grade A, B or C according to the scores assigned during the accreditation.

## **1.2 About the College**

SVIPE's Institute of Computer and Management Studies established in 2009, is one of the leading educational institutes in the Solapur District. The Institute is affiliated to Punyasholk Ahilyadevi Holkar University, Solapur (PAHSUS). Over the past decade, the college has earned a prestigious reputation of harnessing a progressive outlook towards education by introducing career-oriented courses, ICT enabled teaching facilities, outreach activities and discipline. Institute of Computer and Management Studies offers outstanding graduate programs in B.Sc. (ECS) and BCA, each with a real world focus. These programs equip the students with essential workplace skills that are abstract with the needs and aspirations of times.

SVIPE's Institute of Computer and Management Studies, Kasegaon is located in the lap of nature to keep the minds of the students fresh. The entire campus is wrapped around with serene natural beauty. The pleasant atmosphere amidst nature lends the feeling of having come to some hill station and inspires every student from morning to evening to feel fresh, concentrate in ones studies, and be focused on their goals. Thus, students are never too far away from their homes when they come to college for study. The Institute hopes that every students of institute would leave their own permanent mark of excellence and make everyone feel proud.

### **VISION:**

To be recognized among the best institutes for excellence in Computer Science and Information Technology education.

**MISSION:**

To impact value based professional education by inculcating personal touch and respect in relationship amongst the stakeholders.

**2. Objectives of the Study**

The main objective of the green audit is to promote the Environment Management and Conservation in the College Campus. The purpose of the audit is to identify, quantify, describe and prioritize framework of Environment Sustainability in compliance with the applicable regulations, policies and standards. The main objectives of carrying out Green Audit are: Accordingly, Green Audit mainly emphasize the following key areas-

**1. Saving power :**

This includes energy saving where the authorities identifies way to save electric, natural gas, and other forms of power that are inefficient or being wasted in the organization. This is done by recommending more efficient electric heating & cooling etc.

**2. Saving water:**

This involves educating the employees on ways to save, reuse precious water resources both inside & outside the premises. The basic emphasis should be to reduce water consumption.

**3. Greening the work place:**

This is achieved by designing a greener office space. This involves use of alternate power sources like solar power, reducing biological contaminants like pesticides, implementing green landscaping option & rain water harvesting.

**4. Driving Green:**

Vehicle driving is one of the largest contributors to both energy use & environmental pollution. The employees' should be trained to make more fuel efficient driving

choices, optimize fuel consumption & consider alternate fuel vehicles. Possibilities to use public transport or group travelling have also to be explored for reduced gas emissions. Periodic emission tests need to be conducted to check for efficient fuel consumption.

### **3. Methodology**

In order to perform green audit, the methodology included different tools such as physical inspection of the campus, observation and review of the documentation, interviewing key persons and data analysis, measurements and recommendations. The study covered the following areas to summarize the present status of environment management in the campus:

- ❖ Water management
- ❖ Energy conservation
- ❖ Waste management
- ❖ E-waste management
- ❖ Green area management

## **4. Observations and Recommendations**

### **4.1 Water Use**

This indicator addresses water consumption, water sources, irrigation, storm water, appliances and fixtures. A water audit is an on-site survey and assessment to determine the water use and hence improving the efficiency of its use.

#### **Observations**

The study observed that ground water, bore well and rain water is major sources of water. Water is used for drinking purpose from RO after treatment there are two RO water cooler having capacity 400 liters per hour. Water is used for canteen, toilets, laboratory and gardening purpose. During the survey, no loss of water is observed, neither by any leakages nor by over flow of water from overhead tanks. The data collected from all the departments is examined and verified. On an average the total

use of water in the college is 6,000 L/day, which include 2,000 L/day for domestic purposes, 3,400 L/day for gardening and 600 L/day for different laboratories.

### **Test Report**

<b>Sr. No.</b>	<b>Parameters</b>	<b>Results</b>	<b>Acceptable Limit as per IS 10500: 2012</b>	<b>Units</b>
1.	Color	1	Max. 5	Hazen Units
2.	Odour	Agreeable	Agreeable	-
3.	pH	7.12	6.5-8.5	-
4.	Turbidity	0.6	Max. 1	N.T.U.
5.	Total Dissolved Solids	124	Max. 500	mg/L
6.	Calcium (as Ca)	9	Max. 75	mg/L
7.	Chloride (as Cl)	9.0	Max. 250	mg/L
8.	Fluoride (as F)	<0.05	Max. 1	mg/L
9.	Iron (as Fe)	<0.06	Max. 0.3	mg/L
10.	Magnesium (as Mg)	5.8	Max. 30	mg/L
11.	Nitrate (as NO <sub>3</sub> )	6.02	Max. 45	mg/L
12.	Sulphate (as SO <sub>4</sub> )	13.13	Max. 200	mg/L
13.	Alkalinity (as CaCO <sub>3</sub> )	38	Max. 200	mg/L
14.	Total Hardness (as CaCO <sub>3</sub> )	48	Max. 200	mg/L
15.	<i>E.coli</i>	Absent	Not Detectable	/100 ml
16.	Total Coliforms	Absent	Not Detectable	/100 ml

**RO water filters**



## **Recommendations**

- ❖ Minimize wastage of water and use of electricity during water filtration process, if used, such as RO filtration process and ensure that the equipment's used for such usage, are regularly serviced and the wastage of water is not below the industry average for such equipment's used in similar capacity.
- ❖ Ensure that all cleaning products used by college staff have a minimal detrimental impact on the environment, i.e. are biodegradable and non-toxic, even where this exceeds the Control of Substances Hazardous to Health (COSHH) regulations.
- ❖ The college has to take actions to strengthen rain water harvesting. Rain water harvesting for separate buildings are lacking. Measurement of quantity of water obtained from the rain water harvesting should be done.
- ❖ Need of monitoring, controlling overflow is essential and periodically supervision drills should be arranged. In campus small scale/medium scale/large scale reuse and recycle of water system is necessary.

## **4.2 Energy Use and Conservation**

This indicator addresses energy consumption, energy sources, energy monitoring, lighting, appliance, natural gas and vehicles. Energy use is clearly an important aspect of campus sustainability and thus requires no explanation for its inclusion in the assessment.

### **Observations**

Energy source utilized by all the departments and common facility center is electricity only. Total energy consumption is determined as 11615 KW/Year by major energy consuming equipment.

All the departments and common facility centers are equipped with LED lamps. Approximately 100 LED were counted during survey. Besides this, recently 2 KW photovoltaic cells are also installed in the campus as an alternate renewable source of energy. Equipment like Computers is used with power saving mode. Also, campus

administration runs switch-off drill on regular basis. In all departments electricity was shut down after occupancy time as one of the practices for energy conservation.



**Roof Top Solar Power Plant which is working with capacity of 75 kW**

## **Recommendations**

- ❖ This includes evaluation of procurement practices with ISO 50001. This does not exactly mean that you need to buy the most efficient, but you need to buy the most efficient which is financially viable.
- ❖ Give preference to the most energy efficient and environmentally sound appliances available, this includes only using energy-saving light bulbs.
- ❖ Monitor and understand the importance of different sources of college energy consumption, and set appropriate and measurable targets for a reduction certain areas of consumption and/or in the overall consumption of energy.

- ❖ Ensures that all electronic and electrical equipment's, such as computers, are switched off when not in use.
- ❖ Centralized controls of lighting, auditorium etc. to avoid any miss-use of electricity
- ❖ Installation of LED lamps instead of CFL.
- ❖ Installation of Solar panels, Power Purchase Agreements with Solar Power Plant Owners to buy environmentally friendly energy Source etc.
- ❖ Shift to paperless regime wherever not required, example attendance muster replaced by biometrics, DG logbook replaced by computerized logbook, daily reports converted from paper to paper less, meetings converted to paperless formats, and all such examples.
- ❖ Appreciate that it is preferable to purchase electricity from a company that invests in new sources of renewable and carbon-neutral electricity.
- ❖ If there are equipment's running on standby mode, reduce the energy consumption on standby mode or minimize the running of equipment's on standby mode

### **4.3 Waste Generation**

This indicator addresses waste production and disposal of different wastes like paper, food, plastic, biodegradable, construction, glass, dust etc. and recycling. Furthermore, solid waste often includes wasted material resources that could otherwise be channeled into better service through recycling, repair and reuse. Solid waste generation and management is a burning issue. Unscientific handling of solid waste can create threats to everyone. The survey focused on volume, type and current management practice of solid waste generated in the campus. The different solid wastes collected as mentioned above.

### **Observations**

College has own facility to handle the canteen waste and used as a manure in garden. Collage has developed Organic plantation.

The total solid waste collected in the campus is 22 kg/day. Waste generated from tree droppings is a major solid waste in the campus. The waste is segregated at



source by providing separate dustbins for Bio-degradable and Non Bio-degradable waste. Segregation of solid waste generated in all labs is also practiced. Single sided used papers reused for writing and printing in all departments. Important and confidential reports/ papers are sent for recycling after completion of their preservation period to raddi center. Metal waste and wooden waste is stored and given to authorized Scrap agents for further processing.

## **Recommendations**

- ❖ Reduce the absolute amount of waste that produces from college staff offices.
- ❖ Make full use of all recycling facilities provided by Nagar panchayat and private suppliers, including glass, cans, white colored and brown paper, plastic bottles, batteries, print cartridges, cardboard and furniture.
- ❖ Provide sufficient, accessible and well-publicized collection points for recyclable waste with responsibility for recycling clearly allocated.
- ❖ Single sided papers to be used for writing and photocopy
- ❖ Important and confidential papers after their validity to be sent for pulping.

## **4.4 E-Waste Generation**

E-waste can be described as consumer and business electronic equipment that is near or at the end of its useful life. This makes up about 5% of all municipal solid waste worldwide but is much more hazardous than other waste because electronic Components contain cadmium, lead, mercury and Polychlorinated biphenyls (PCBs) that can damage human health and the environment.

## **Observations**

The E-waste generally includes the tube lights, CFL, LED are stored into the scrap yard of college and stored. This waste material is yet to be disposed. E-waste generated in the campus is very less in quantity. The college has total of 63 computers and 2 printers in working condition. The cartridges of laser printers are refilled outside the college campus. Administration conducts the awareness programmes regarding E-waste Management with the help of various departments. The E- waste and defective item from computer laboratory is being stored properly.

The institution has decided to contact approved E-waste management and disposal facility in order to dispose E-waste in scientific manner.

The audit team noted that the technical life time / service life of most of the electronic equipment's is yet to be over, thus the presently there is limited generate ion of waste. However, college needs to device long term and regularized policy of the e -waste disposal.

## **Recommendations**

- ❖ Use reusable resources and containers and avoid unnecessary packaging where possible.
- ❖ Recycle or safely dispose of white goods, computers and electrical appliances
- ❖ Always purchase recycled resources where these are both suitable and available.

## **4.5 Green Area**

This includes the plants, greenery and sustainability of the campus to ensure that the buildings conform to green standards. This also helps in ensuring that the Environmental Policy is enacted, enforced and reviewed using various environmental awareness programmes.

### **Green Area of College Campus**





## **Observations**

To create- green cover, eco-friendly atmosphere, pure oxygen at the college campus, plantation program is organized every year with involving all students, principal and all departments faculty members.

Campus is located in the vicinity of approximately 27 types (species) of trees. Total 678 trees are available in the college campus. Various tree plantation programs are being organized during the month of July and August at college campus and surrounding villages through Extension Activity Cell. This program helps in encouraging eco- friendly environment which provides pure oxygen within the institute and awareness among villagers. The plantation program includes plantation of various type of indigenous species of ornamental and medicinal as well as wild plant species. Under the biodiversity and ecological survey. Rain water harvesting plant is well maintained. College also maintained guava and pomegranate garden in premises.

### **Plantation of diversified species:**

To create-green cover, eco-friendly atmosphere, pure oxygen at the college campus, plantation program is organized every year with involving all students, principal, and all departments faculty members. In this session Tree plantation day program was organized and about 21 ornamental, avenue, medicinal plant with rare and exotic beautiful trees was planted in college campus. To keep the greeneries in the campus, we regularly maintain the gardens which are looked by staff under the guidance of garden committee members. Moreover, every year we try to plant new trees. Seasonal flower garden is also a unique feature of this college.



## **Recommendations**

- ❖ Review periodically the list of trees planted in the garden, allot numbers to the trees and keep records. Give scientific names to the trees.
- ❖ Promote environmental awareness as a part of course work in various curricular areas, independent research projects and community service.
- ❖ Create awareness of environmental sustainability and take actions to ensure environmental sustainability.
- ❖ Establish a College Environmental Committee that will hold responsibility for the enactment, enforcement and review of the Environmental Policy. The Environmental Committee shall be the source of advice and guidance to staff and students on how to implement this Policy.

- ❖ Ensure that an audit is conducted annually and action is taken on the basis of audit report, recommendation and findings.
- ❖ Celebrate every year 'Environment Day' and plant trees on this day to make the campus more Green.

## 5. Environment

**5.1 Air Quality:** Air quality in the academic institute is very important for health of the students, faculty and staff of the institute. The air pollution sources in the college campus are wind storm, pollen grains, natural dust, vehicular emissions, generators, fires and laboratory fumes etc.

**Observation:** All results of Ambient Air monitoring Near Main Gate & near main porch found within limits As per National Ambient Air Quality Standards, 2009.

### Test Report (Near Main Gate)

Meteorological Data / Environmental Conditions				
Average Wind Velocity: 3.0 km/h	Wind Direction: E-W	Relative Humidity (Max./Min.): 73/65 %	Temperature (Max./Min.): 26/18°C	Duration of Survey: 24 h
Parameter	Results	NAAQS 2009	Unit	
Sulphur Dioxide (SO <sub>2</sub> )	<b>12</b>	80	µg/m <sup>3</sup>	
Nitrogen Dioxide (NO <sub>2</sub> )	<b>18</b>	80	µg/m <sup>3</sup>	
Particulate Matter (size less than 10 µm)	<b>56</b>	100	µg/m <sup>3</sup>	
Particulate Matter (size less than 2.5µm)	<b>20</b>	60	µg/m <sup>3</sup>	
Ozone (O <sub>3</sub> )	<b>&lt;19.6</b>	180	µg/m <sup>3</sup>	
Lead (Pb)	<b>&lt;0.02</b>	1	µg/m <sup>3</sup>	
Carbon Monoxide (CO)	<b>0.54</b>	4	mg/m <sup>3</sup>	
Ammonia (NH <sub>3</sub> )	<b>&lt;4</b>	400	µg/m <sup>3</sup>	
Benzene (C <sub>6</sub> H <sub>6</sub> )	<b>&lt;1</b>	5	µg/m <sup>3</sup>	
Benzo (a) Pyrene (BaP)	<b>&lt;0.2</b>	1	ng/m <sup>3</sup>	
Arsenic (As)	<b>&lt;0.3</b>	6	ng/m <sup>3</sup>	
Nickel (Ni)	<b>&lt;3</b>	20	ng/m <sup>3</sup>	

### Test Report ( Near Canteen)

Meteorological Data / Environmental Conditions				
Average Wind Velocity: 3.0 km/h	Wind Direction: E-W	Relative Humidity (Max./Min.): 73/65 %	Temperature (Max./Min.): 26/18°C	Duration of Survey: 24 h
Parameter	Results		NAAQS 2009	Unit
Sulphur Dioxide (SO <sub>2</sub> )	<b>11</b>		80	µg/m <sup>3</sup>
Nitrogen Dioxide (NO <sub>2</sub> )	<b>17</b>		80	µg/m <sup>3</sup>
Particulate Matter (size less than 10 µm)	<b>54</b>		100	µg/m <sup>3</sup>
Particulate Matter (size less than 2.5µm)	<b>21</b>		60	µg/m <sup>3</sup>
Ozone (O <sub>3</sub> )	<b>&lt;19.6</b>		180	µg/m <sup>3</sup>
Lead (Pb)	<b>&lt;0.02</b>		1	µg/m <sup>3</sup>
Carbon Monoxide (CO)	<b>0.50</b>		4	mg/m <sup>3</sup>
Ammonia (NH <sub>3</sub> )	<b>&lt;4</b>		400	µg/m <sup>3</sup>
Benzene (C <sub>6</sub> H <sub>6</sub> )	<b>&lt;1</b>		5	µg/m <sup>3</sup>
Benzo (a) Pyrene (BaP)	<b>&lt;0.2</b>		1	ng/m <sup>3</sup>
Arsenic (As)	<b>&lt;0.3</b>		6	ng/m <sup>3</sup>
Nickel (Ni)	<b>&lt;3</b>		20	ng/m <sup>3</sup>

### 5.2 Ventilation Study:

Sr. No.	Location	Temp. (°C) (Max/Min)	Humidity (%) (Max/Min)	Local Air Velocities (m/s)					
				1	2	3	4	5	Average
1.	Class room	27/26	70/63	1.5	1.4	1.3	1.3	1.4	1.38
2.	Laboratory	26/24	78/70	1.4	1.2	1.3	1.4	1.5	1.36
3.	Ground Floor	25/26	77/69	1.5	1.0	1.2	1.6	1.2	1.28
4.	2 <sup>nd</sup> Floor	27/26	76/70	1.1	1.4	2.3	1.6	1.7	1.60

**Observation:** Air Velocity Should be at least 0.5 m/s to produce cooling effects  
**Remark:** Comfortable

**Photo Gallery**

**Yoga Day**







## **6. Acknowledgement**

We are grateful to the committee members of SVIPE's Institute of Computer and Management Studies, Kasegaon, Pandharpur, Dist.-Solapur to award this prestigious project and allowed us to enter the new era of Green Audit in the College Campus.

Further we sincerely thank the college staff for providing us necessary facilities and co-operation during the audit. This helped us in making the audit, a success.

Further we hope, this will boost the new generation to take care of Environment and propagate these views for many generations to come.

## **GREEN AUDIT REPORT**

### **SVIPE'S INSTITUTE OF COMPUTER AND MANAGEMENT STUDIES, KASEGAON, PANDHARPUR, DIST.-SOLAPUR**

#### **Conclusion and Summary of Findings**

1. The College has Rainwater harvesting system which is efficient and sufficient.
2. The College has waste disposal agreement with Kasegaon Grampanchayat, Kasegaon and E- Waste is disposed off systematically and in timely a manner in association with Green Tech. Solution Industries, Wakhari, Pandharpur.
3. College has provided wet waste, dry waste and semi dry waste bins for segregation and collection of solid waste. This has been done in entire campus in open space and inside the buildings. The system is working efficiently.
4. College is using Roof Top Solar Power Plant which is working with capacity of 75 kW.
5. The College has created great awareness among the students and staff about the green practices.
6. The College is well landscaped and the green cover is reasonably good and they are found to be increasing the green cover on a continuous basis.
7. The College canteen waste is composted and used as manure for the green cover of the campus.
8. The water quality in the campus is tested and found potable.
9. The College has provided RO treated water for drinking to every students.

10. Noise level in Classrooms and labs is found less than 50 db which is within the safe limits as per Noise Pollution Control rules, 2000.
11. All results of Illumination studies (Classrooms and labs) found within limit as per Factory rules Section 35 Schedule b.
12. Ventilation found Excellent.

**For Ultraquery Technologies,**



**Authorised Signatory**

# **Appendix-IV**

**Environmental  
promotional activities  
conducted beyond the  
campus**



Shri Vithal Institute of Progressive Education's,

**INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR**

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304. Dist-Solapur Ph. No.02186-232232/33

## ACTIVITY REPORT

**Name of Activity: - Tree Plantation Drive**

**No. of Participants: - 85**

**Date: 06/06/2017**

**Brief Report:** Extension Activity Cell Our College has organized "Tree Plantation Drive" at Begampur on the occasion of "Environmental Day". The total numbers of 85 students were participated from both BCA & BCS department for this event. During this activity more than 85 Participants have planted more than 100 saplings around the campus and nearby their homes. At the plantation of saplings, all have recited a shloka to maintain the divinity between the human and nature.



*Wishnagar*

Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
Kasegaon, Pandharpur



*Neupale*

PRINCIPAL,  
Institute of Computer and Management  
Studies, Kasegaon. Tal. Pandharpur



## ACTIVITY REPORT

**Name of Activity: - Harit Warri and Nirmal Warri**

**No. of Participants: - 55**

**Date: 12/07/2017**

**Brief Report:** Extension Activity Cell of our College has organized **Harit Warri and Nirmal Warri** at 12/07/2017. The total numbers of 80 students were participated from both BCA & BCS department for this event. Student got awareness about need of social work because of this activity. With the help of coordinators and volunteers, this activity was carried out in a systematic manner.



*Dhargay*  
Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
Kasegaon, Pandharpur



*Nupale*  
PRINCIPAL,  
Institute of Computer and Management  
Studies, Kasegaon. Tal. Pandharpur



## ACTIVITY REPORT

**Name of Activity: - Water distribution event in "Ashadhi Warri"**

**No. of Participants: - 80**

**Date: 09/07/2018**

**Brief Report:** Extension Activity Cell of our College has organized water distribution camp during "Ashadhi Warri" at 09/07/2018. The total numbers of 80 students were participated from both BCA & BCS department for this event. During this activity students distributed the water to devotees. Student got awareness about need of social work because of this activity. With the help of coordinators and volunteers, this activity was carried out in a systematic manner.



*M. Shingari*  
Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
Kasegaon, Pandharpur



*Nupale*  
PRINCIPAL,  
Institute of Computer and Management  
Studies, Kasegaon. Tal. Pandharpur





Shri Vithal Institute of Progressive Education's,

**INSTITUTE OF COMPUTER & MANAGEMENT STUDIES, PANDHARPUR**

B.C.A. & B.Sc. (Entire Computer Science)

Old Kasegaon Road, Kasegaon, Pandharpur-413 304 . Dist-Solapur Ph.No.02186-232232/33

## ACTIVITY REPORT

**Name of Activity: - Tree plantation Mohim**

**No. of Participants: 42**

**Date: 27/06/2018**

**Brief Report:** Extension Activity Cell of Our College has organized “**Tree Plantation Mohim**”. The total numbers of 42 participants from different department for this event. Students understand the importance of tree plantation through this activity.



*Mingoni*

Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
Kasegaon, Pandharpur



*Nupale*

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## ACTIVITY REPORT

**Name of Activity: - Swaccha Bharat Abhiyaan**

**No. of Participants: - 60**

**Date: 02/10/2018**

**Brief Report:** Our College Extension Activity Cell has organized Swaccha Bharat Abhiyaan on the occasion of "Gandhi Jayanti" on 02/10/2018. The total numbers of 60 students were participated from both BCA & BCS department for this event. Students participated in this activity with slogan "घरोघरी स्वच्छता, आजारातून मुक्तता". The students spread awareness about cleanliness among the people.



*D. M. Ingole*  
Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
Kasegaon, Pandharpur



*A. N. Pale*  
PRINCIPAL,  
Institute of Computer and Management  
Studies, Kasegaon. Tal. Pandharpur



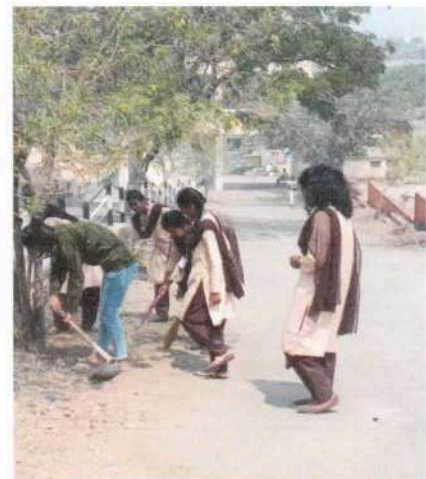
## ACTIVITY REPORT

**Name of Activity:** - Harit Waari and Nirmal Waari

**No. of Participants:** - 60

**Date:** 02/02/2019

**Brief Report:** Extension Activity Cell of our College has organized Harit **Waari** and **Nirmal Waari**. The total numbers of 80 students were participated from both BCA & BCS department for this event. Student got awareness about need of social work because of this activity. With the help of coordinators and volunteers, this activity was carried out in a systematic manner.



*Dr. Smranyal*  
Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
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*Anupale*  
PRINCIPAL,  
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### ACTIVITY REPORT

**Name of Activity: - Water distribution camp during "Ashadhi Warri"**

**No. of Participants: - 90**

**Date: 11/07/2019 to 13/07/2019**

**Brief Report:** Extension activity cell of our College has organized water distribution camp during "Ashadhi Warri" at 11/07/2019 to 13/07/2019. The total numbers of 90 students were participated from both BCA & BCS department for this event. During this activity students distributed the water to devotees. Student got awareness about need of social work through this activity. With the help of coordinators and volunteers, this activity was carried out in a systematic manner.



*D. Ingole*  
Extension Activity Cell Coordinator  
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*A. Upale*  
PRINCIPAL,  
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## **ACTIVITY REPORT**

**Name of Activity: - Swaccha Bharat Abhiyaan**

**No. of Participants: - 75**

**Date: 07/01/2020**

**Brief Report:** Our College has organized Swaccha Bharat Abhiyaan on 07/01/2020. The total numbers of 75 students were participated from both BCA & BCS department for this event. Students participated in this activity with slogan "Clean India Green India". The students spread awareness about cleanliness among the people.



*M. Shingare*

Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
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*Shirgaonkar*

PRINCIPAL,  
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## ACTIVITY REPORT

**Name of Activity: - Tree Plantation Mohim**

**No. of Participants: - 50**

**Date: 05/06/2019**

**Brief Report:** Our College has organized "Tree Plantation Mohim" on the occasion of "Environmental day" on 05/06/2019. The total numbers of 50 students were participated from both BCA & BCS department for this event. Students participated in this activity with slogan "Think Green. Be Green". During this event students focus on environmental degradation to spread awareness towards protecting and conserving it.

### Photos of Tree Plantation



*Whingay*  
Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
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*Nepale*  
PRINCIPAL,  
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## ACTIVITY REPORT

**Name of Activity: - Water distribution camp during "Ashadhi Waari"**

**No. of Participants: - 105**

**Date: 11/02/2022 to 12/02/2022**

**Brief Report:** Unit of Our College has organized water distribution camp during "Ashadhi Waari" from 11/02/2022 to 12/02/2022. The total numbers of 105 students were participated from both the department for this event. During this activity students distributed the water to devotees. Student got awareness about need of social work because of this activity.



*Beel*  
Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
Kasegaon, Pandharpur



*Shilpa*  
PRINCIPAL,  
Institute of Computer and Management  
Studies, Kasegaon, Tal. Pandharpur



## ACTIVITY REPORT

**Name of Activity: - Swatch Bharat Abhiyaan**

**No. of Participants: - 78**

**Date: 23/02/2022**

**Brief Report:** Our College has organized Swaccha Bharat Abhiyaan on the occasion of "Ghadagebaba Jayanti" on 23/02/2022. The total number of 78 students was participated from both BCA & BCS department for this event. During this activity students distributed the water to devotees. Student got awareness about need of social work because of this activity.



*Bes.*

Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
Kasegaon, Pandharpur



*Sheta*

PRINCIPAL,  
Institute of Computer and Management  
Studies, Kasegaon. Tal. Pandharpur





### ACTIVITY REPORT

**Name of Activity: - Tree Plantation**

**No. of Participants: - 98**

**Date: 05 Jun 2021**

**Brief Report:** Our College has organized session of **Tree Plantation** on the occasion of "Worlds Environment Day " at 05 Jun 2021 . The total number of 98 students and faculties were participated from our department for this event. The trustee member of our college did tree plantation with different messages.



*Pool*

Extension Activity Cell Coordinator  
Institute of Computer and Management Studies,  
Kasegaon, Pandharpur



*Shilpa*

PRINCIPAL,  
Institute of Computer and Management  
Studies, Kasegaon. Tal. Pandharpur



## ACTIVITY REPORT

**Name of Activity: - Eco- friendly Ganapati Making Activities**

**No. of Participants: - 15**

**Date: 04/06 /2022**

**Brief Report:** In Our College we organize activity like making Eco- friendly Ganapati. The total no. of 15 students was participated in this activity. Student help with their efforts to make ganapati very nice and attractive using eco- friendly material.

Snap at Ganapati Making



*Paal*  
Extension Activity Cell Coordinator  
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*Shilpa*  
PRINCIPAL,  
Institute of Computer and Management  
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# **Appendix-V**

**Certificates of the  
recognition/awards**



ग्रामपंचायत



स्थापना : १९३५

कासेगाव



ता.पंढरपूर जि.सोलापूर Email -

[kasegaon1309@gmail.com](mailto:kasegaon1309@gmail.com).

सौ.रिजवाना सादिक भालदार  
सरपंच

श्री.आर.पी.कोळी

ग्रामविकास अधिकारी

श्री.संग्राम वसंतराव देशमुख

उपसरपंच



दि: - २१/०१/२०१७

## सन्मानपत्र

ग्रामपंचायत कासेगाव तालुका पंढरपूर जिल्हा सोलापूर यांच्याकडून सन्मानपत्र देण्यात येते की इन्स्टिट्यूट ऑफ कम्प्युटर मॅनेजमेंट स्टडीज कासेगाव यांनी कासेगाव या गावात स्वच्छता मोहीम राबवली. या मोहिमेत ९० विद्यार्थ्यांसह ५ प्राध्यापकांनी मनापासून भाग घेतला आणि कासेगाव या गावातील लोकांमध्ये जन-जागृती निर्माण केली. तसेच कासेगाव या गावातील यल्लमा देवी मंदिर परिसर येथे स्वच्छता केली. इन्स्टिट्यूट ऑफ कम्प्युटर मॅनेजमेंट स्टडीज कासेगाव यांना त्यांच्या योगदानाबद्दल ग्रामपंचायत कासेगाव कडून हे सन्मानपत्र देण्यात येत आहे.

ग्रामविकास अधिकारी

ग्रामपंचायत कासेगाव, ता. पंढरपूर.



सं. नं. २५१/२०१७

# शिवगड प्रतिष्ठान

जय शिवराज

श्री शिवाजी पारधी सरयवे

मोडर (बेगमपूर) त. सोलापूर

श्री. रामेश्वर परमेश्वर सरयवे



जय शिवराज

Ref. शिवागड/२०१७/१५

दिनांक ०७/०६/१७

## Letter of Recognition

The present certificate is awarded to "Institute of Computer and Management Studies Kasegaon Pandharpur" for "Tree Plantation Drive" at Begampur, District Solapur, on 6th June 2017 on the occasion of World Environment Day. We highly appreciate this initiative taken by Institute of Computer and Management Studies Kasegaon. It gives us immense pleasure to recognize Institute of Computer and Management Studies as an institute with societal and environmental values.

*Shriji*  
शिवाजी सरयवे  
अध्यक्ष

रामेश्वर सरयवे  
Secretary.

स्थापना-१९५६

पर्यावरण संतुलितग्राम समृद्ध निर्मल ग्राम व तंटामुक्त पुरस्कार प्राप्त



# ग्रामपंचायत उपरी

ता. पंढरपूर जि. सोलापूर

ग्रामसेवक

श्री. ए.आर. वाघमोडे

मो. ८३०८२३६७८२

उपसरपंच

श्री. सुरेश लक्ष्मण नागणे

मो. ९०३७६५३३८२

सरपंच

श्री. ज्ञानेश्वर दगडू चव्हाण

मो. ७७४९०७२४५८

जा.क्र.



दि. ०३/१०/२०१८

सन्मानपत्र

ग्रामपंचायत उपरी ता.पंढरपूर जि.सोलापूर यांच्याकडून सन्मान पत्र देण्यात येते कि इन्सिट्युट ऑफ मनेजमेंट स्टडीज कासेगाव यांनी उपरी गावात स्वच्छता मोहीम राबवली मोहिमेत ५० विद्यार्थीसह ६ प्रधापकानी मनापासून भाग घेतला आणी उपरी गावातील लोकामध्ये जागृती निर्माण केली. तसेच उपरी गावातील मारुती मंदिर स्वच्छता केली इन्सिट्युट ऑफ मनेजमेंट स्टडीज कासेगाव यांना त्यांचा योगदाना बदल ग्रामपंचायत उपरी कडून हे सन्मानपत्र देण्यात येत आहे

सरपंच

ग्रामपंचायत उपरी  
ता. पंढरपूर, जि. सोलापूर.

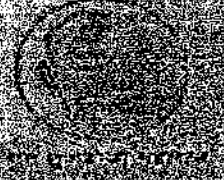


संस्थापक अध्यक्ष

संस्थापक : १९५८

संस्थापक संघर्षी

**ग्रामपंचायत गोपाळपूर**  
सा. पंढरपूर, जि. सोलापूर.



दिनांक:- १६/०८/२०१९

### सन्मान पत्र

इन्स्टिट्यूट ऑफ कॉम्प्युटर अँड मॅनेजमेंट स्टडीज, कासेगाव यानी गोपाळपूर गावात स्वच्छता मोहीम राबवली. मोहिमेत 50 विद्यार्थ्यांसह 6 प्राध्यापकांनी मनापासून भाग घेतला आणि गोपाळपूर गावातील लोकांमध्ये जागृती निर्माण केली. तसेच गोपाळ कृष्ण मंदिराजवळील व ग्रामपंचायतीजवळील परिसराची स्वच्छता केली आहे. आम्ही इन्स्टिट्यूट ऑफ कॉम्प्युटर अँड मॅनेजमेंट स्टडीज कासेगाव पंढरपूर यांना स्वच्छता जागृती आणि प्रचारासाठी दिलेल्या योगदानाबद्दल हे मान्यता पत्र देत आहोत. इन्स्टिट्यूट ऑफ कॉम्प्युटर अँड मॅनेजमेंट स्टडीज कासेगाव पंढरपूर यांचे आम्ही मनःपूर्वक आभार व्यक्त करतो.

सौ. विजया विठ्ठल जगताप  
(सौ. विजया विठ्ठल जगताप)  
सरपंच,  
ग्रामपंचायत गोपाळपूर

स्थापना-१९५६

पर्यावरण संतुलितग्राम समृद्ध निर्मल ग्राम व तंटामुक्त पुरस्कार प्राप्त



# ग्रामपंचायत उपरी

ता. पंढरपूर जि. सोलापूर



ग्रामसेवक

श्री. ए.आर. वाघमोडे

मो. ८३०८२३६७८२

उपसरपंच

श्री. सुरेश लक्ष्मण नागणे

मो. ९०३७६५३३८२

सरपंच

श्री. ज्ञानेश्वर दगडू चव्हाण

मो. ७७४९०७२४५८

जा.क्र.



दि. ०७/०९/२०२०

ग्रामपंचायत उपरी ता. पंढरपूर जि. सोलापूर यांच्याकडून सन्मान पत्र देण्यात येते कि इन्स्टिट्यूट ऑफ मॅनेजमेंट स्टडीज कासेगाव सांनी उपरी गावात स्वच्छता मोहीम राबवली मोहीमेत विद्यार्थ्यांसह प्राध्यापकांनी मनापासून सहभाग घेतला आणी उपरी गावातील लोकांमध्ये जागृती निर्माण केली. तसेच उपरी गावातील ग्रामपंचायत परिसरातील स्वच्छता केली इन्स्टिट्यूट ऑफ मॅनेजमेंट स्टडीज कासेगाव सांना त्यांच्या योगदानाबद्दल ग्रामपंचायत उपरीकडून हे सन्मानपत्र देण्यात येत आहे.

सरपंच  
ग्रामपंचायत उपरी  
ता. पंढरपूर जि. सोलापूर





ग्रामपंचायत



स्थापना : १९३५

कासेगाव



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ग्रामविकास अधिकारी

श्री.संग्राम वसंतराव देशमुख  
उपसरपंच



दि :- 23/02/2022

## सन्मानपत्र

ग्रामपंचायत कासेगाव तालुका पंढरपूर जिल्हा सोलापूर यांच्याकडून सन्मानपत्र देण्यात येते की इन्स्टिट्यूट ऑफ कम्प्युटर मॅनेजमेंट स्टडीज कासेगाव यांनी कासेगाव या गावात स्वच्छता मोहीम राबवली. या मोहिमेत १०४ विद्यार्थ्यांसह ४ प्राध्यापकांनी मनापासून भाग घेतला आणि कासेगाव या गावातील लोकांमध्ये जन-जागृती निर्माण केली. तसेच कासेगाव या गावातील महामाया मंदिर परिसर येथे स्वच्छता केली. इन्स्टिट्यूट ऑफ कम्प्युटर मॅनेजमेंट स्टडीज कासेगाव यांना त्यांच्या योगदानाबद्दल ग्रामपंचायत कासेगाव कडून हे सन्मानपत्र देण्यात येत आहे.

ग्रामविकास अधिकारी  
ग्रामपंचायत कासेगाव, ता. पंढरपूर.



॥ सत्यमेव जयते ॥ स्थापना-१९५८ ॥ स्वच्छतेतून समृद्धीकडे ॥

# ग्रामपंचायत गोपाळपूर

ता. पंढरपूर, जि. सोलापूर, Email : gopalpur1309@gmail.com



उपसरपंच

श्री. उदय संजय पवार

9881601159

ग्रामविकास अधिकारी

श्री. जे.ए. दानोळे

9822153348

सरपंच

श्री. विलास प्रल्हाद मस्के

9028700577



दिनांक : ०३ / ०३ / २०२३

सरपंच ग्रामपंचायत गोपाळपूर ता. पंढरपूर मानवबद्धन विभागात  
पत्र देण्यात येते की,

श्री. पिडिल इन्डियन ऑफ प्रोग्रेसिव्ह ग्रुप संचालित, इन्डियन ऑफ  
कॉम्प्युटर अँड मॅनेजमेंट स्टडीज कार्यागार स्टडीज मधिल विद्यार्थ्यांनी  
आज दि.०३।०३।२०२३ रोजी मीजे गोपाळपूर ता. पंढरपूर मध्ये सांस्कृतिक  
विक्रमी व गोपाळपूर मधील परिसरात साफ-सफाई करून गोपाळ  
कार्यागार सर्व कचरा गोळा करून टाकण ह्या विद्यार्थ्यांचे व सरपंच  
सरपंच या नात्याने अभिनंदन व त्यांना सर्वांना शुभेच्छा.

*V. Maske*

सरपंच,

ग्रामपंचायत गोपाळपूर

ता. पंढरपूर, जि. सोलापूर

# **Appendix-VI**

## **Clean and Green Campus Initiatives**

# Alternate sources of energy and energy conservation measures

## 75 kW Solar Rooftop Plant



Link for Video: <https://youtu.be/UqkG9TMbBV0>

# Alternate sources of energy and energy conservation measures

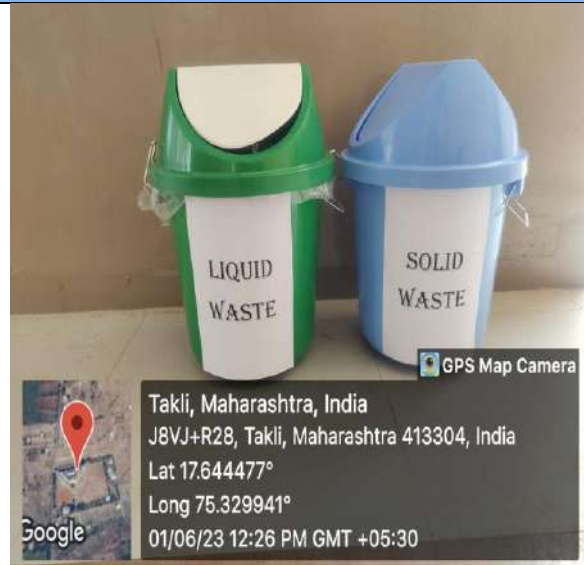


## Use of LED Bulbs in Classrooms and laboratories



## Awareness about Energy Saving

## Management of the various types of degradable and nondegradable waste



## Solid and Liquid Waste Collection



## Disposal of Waste through Kasegaon Grampanchayat

Link of Video: <https://youtu.be/hrdkKdTuzXw>



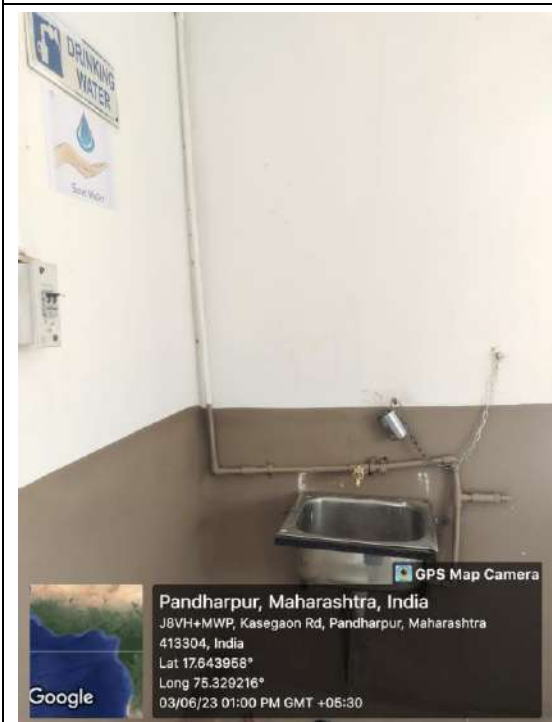
# Water conservation



**RO Water Treatment Plant**



**Borewell**



**Water Distribution System**



**Rain Water Harvesting**

Link of Video: <https://youtu.be/EI9zS0rdqHY>



# Green Campus Initiatives



## Green Landscaping



## Green Landscaping

## Pedestrian Friendly Pathways



## Awareness about not using Plastic

## Restricted Entry of Vehicles