



*Shri Shivaji Education Society, Amravati's*

## **Matoshree Vimalabai Deshmukh Mahavidyalaya, Amravati**

**ISO 9001:2015 Certified College**



**3<sup>rd</sup> Cycle**

**Assessment and Accreditation by NAAC**

**CRITERION – VII**

**INSTITUTIONAL VALUES AND BEST PRACTICES(DVV)**

### **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*



Shri Shivaji Education Society, Amravati's  
**Matoshree Vimalabai Deshmukh Mahavidyalaya**

Shivaji Nagar, AMRAVATI-444 603 (M.S.)  
NAAC Accredited By Grade 'B' with CGPA 2.31 (2<sup>nd</sup> Cycle)

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Hon'ble Harshvardhan P. Deshmukh  
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Founder President  
Dr Panjabrao alias Bhausaheb Deshmukh  
M.A., D.Phil., LL.D., Bar-Act-Law

Date: 19/07/2023

**Declaration**

The information, reports, true copies of supporting document numerical data etc. furnished in this file is verified by IQAC and found correct.

Hence this is certificate.

Dr. S. D. Thakare  
DR. S. D. THAKARE  
Coordinator, I.Q.A.C.  
Matoshree Vimalabai Deshmukh Mahavidyalaya  
Amravati



Dr. S. R. Deshmukh  
PRINCIPAL  
Matoshree Vimalabai Deshmukh  
Mahavidyalaya, Amravati.

**INDEX**

<b>Sr.No.</b>	<b>Contents</b>	<b>Page No</b>
•	DVV clarification on HEI's Letter Head	01
1	Policy document on environment and energy usage	02 - 05
2	Action taken and achievement report as clean and green campus initiatives	06
3	Reports of the Audits	07 – 09
	• <b>Green Audit</b>	07
	• <b>Environment Audit</b>	08
	• <b>Energy Audit</b>	09
4	Certificate from the external accredited auditing agency	10 – 12
	Certificate of Green Audit	10
	Certificate of Environment Audit	11
	Certificate of Energy Audit	12
5	Geo tagged photographs with caption and date	13 - 23





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Date: - 19/07/2023

## DVV Clarification

**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

### Institute's point-wise Response to clarification asked by NAAC in metric 7.1.3






- 1) **Policy document on environment and energy usage:** – Institute's Policy document on environment and energy usage (Green Campus Policy) is provided.
- 2) **Action taken reports and achievement report as clean and Green campus initiatives:** - Action taken report and achievement report of the institute for clean and green campus initiative is provided.
- 3) **Reports of the Audits:** - Links of the reports of Audits -Green Audit, Environment Audit and Energy Audit undertaken by the institute are provided.
- 4) **Certificate from the external accredited auditing agency:** - Certificates of the external accredited agency are provided.
- 5) **Geo tagged photographs with caption and date:** - Geo tagged photographs with caption and date are provided.
- 6) **Any other supporting document for beyond the campus environmental promotion:** - All supporting documents for beyond the campus environmental promotion are already provided .



01

  
Principal  
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Policy document on environment and energy usage

	<p>Shri Shivaji Education Society, Amravati <b>Matoshree Vimalabai Deshmukh Mahavidyalaya</b> Shivaji Nagar, AMRAVATI - 444 603 (M.S.) Re-Accredited with 'B' Grade By NAAC Index No. J-02-01-044 • Pay Unit No.-036 • Udise No. 27071505414 ☎ 0721-2660355 (O/E), 2664929 (Fax) e-mail : elg_amt_mvds@ssesa.org • website : www.mvdcollge.org</p>	
<p>President Hon'ble Mr. Harshvardhan P. Deshmukh Shri Shivaji Education Society, Amravati</p>	<p>Principal <b>Dr. Smita Deshmukh</b> B.Sc., M.A. (Eng.), Ph.D.</p>	<p>Founder President <b>Dr. Panjabrao alias Bhausaheb Deshmukh</b> M.A., D.Phil., LL.D., Bar-Act-Law</p>
Outward No. MVDM/.....		Date : .....
<div style="border: 2px solid black; padding: 10px;"><p style="text-align: center;"><b>Green Campus Policy</b> <b>(Environment &amp; Energy Usage)</b></p></div>		
<p><b>OBJECTIVE:</b></p> <ul style="list-style-type: none"><li>• <i>Green campus aims to-</i><ol style="list-style-type: none"><li>1) Sweep away wasteful inefficiencies and using conventional sources of energy for daily power needs of the campus</li><li>2) Encourage sustainable life style</li><li>3) Impose disposal methods</li><li>4) Support eco-friendly recycling measures and awareness in all forms.</li><li>5) Encouraging green campus initiatives to make the college sustainable and environment friendly.</li></ol></li><li>• <b>INITIATIVES / SUGGESTIONS PROPOSED:</b><ol style="list-style-type: none"><li>1) Solar Power Installation of solar water heater in hostel block</li><li>2) Installation of solar panels for electricity needs</li><li>3) Encourage to use natural light than electric bulbs wherever possible</li></ol></li></ul>		
<p> <b>DR. S. D. THAKARE</b> Coordinator, I.Q.A.C. Matoshree Vimalabai Deshmukh Mahavidyalaya Amravati</p>	<p style="text-align: center;">1</p> 	<p> Principal <b>Matoshree Vimalabai Deshmukh Mahavidyalaya</b> Shivaji Nagar, Amravati 444603 (M.S.)</p>

• ***Rain Water Harvesting and waste water Recycling***

- A) Installation of network of PVC pipes and gutters to direct rain water from the roof to one or more filter chambers which can be created with PVC barrels/tanks and connect it to open well / bore well to recharge shallow aquifers.
- B) Water from nutrition Laboratory can be used to water potted plants in the building.

• ***RRR – Reduce , Reuse , Recycle:***

- A) Focus on reducing waste by going paperless. Use Google form to conduct quizzes, webinars, sharing e-books, feedback assessment, etc.
- B) Communication and circulars through college website and class Whats App groups managed by the faculty members.
- C) Ban Single use plastic cups, straws, plates, etc throughout the campus.
- D) Promote reuse of working components in e-waste.
- E) To encourage students to reuse waste materials to create manufactured article. For example- Making of paper bags
- F) Installation of compost bins to recycle wet biodegradable garbage to produce compost.
- G) Water bottles use for watering plants to encourage students to use reusable water bottles.

• ***E-Waste recycling:***

- A) When upgrading labs with higher configuration systems, the old systems are reused in libraries and staffroom to serve basic needs like browsing and text editing.
- B) Use assembled PCs in the campus; hence working components of old computers is well-kept-up to be reused when necessary.
- C) Conduct E-waste collection drive and awareness programs to educate students about the hazardous effects of its improper disposal.



D) Installing E-Waste Recycling Bins and collected e-waste after some modification , handed over to needy organization/persons.

• ***Segregation of solid waste:***

A) Keep dry waste garbage bin in the campus as this can reduce littering in campus.

B) After the collection of solid waste, dump in to compost pit and use for the plants in college.

C) Wet waste and dry waste are separate in the college, as per the guidelines given by Corporation of the City of Amravati.

D) Use instruction written garbage bins throughout the campus. This will avoid confusions and garbage disposal in wrong bins.

E) Sanitary wastes to be disposed using electrical incinerator which is installed in the women's washroom.

F) Conduct cleanup drive to bring awareness in students.

G) Conduct plantation drives in collaborations.

H) Celebration of Raksha bandhan to trees in college campus.

I)The students create a poster “Know about Plant” to be stuck on plants describing its benefits, some interesting facts, etc. along with its local and biological name.

**Organic / medicinal plants gardening:**

A) Compost made in campus can be used for organic/ medicinal plants gardening in the campus.

B) Well maintained medicinal plants gardening in the campus.

**Use of LED light /Equipments:**

A) Replace the conventional fluorescent tube lights with LED tube lights.

B) Replace all LCD screens with LED screens.

C) Replace non power efficient Air Conditioners with good power 5 stars rated Air Conditioners.

D) Replace the freezer, water cooler, fans and desert coolers with good power efficiency.

E) Minimizing electricity consumption by directing staff and students to turn off electrical appliances when not in use.


### **Restricted entry of automobiles:**

A) Entry to only to Students and staff of college in campus.


B) Guest vehicles are allowed only during public activities days.

C) Dedicated bicycle parking slots are made to encourage students to use bicycles.

D) College students advice to use of public vehicles.

  
Coordinator

**D. S. THAKARE**  
Coordinator, I.C.A.C.  
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Amravati  
**(D. S. Thakare)**

  
Principal

Principal  
Matoshree Vimalabai Deshmukh Mahavidyalaya  
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## Clean and Green Campus initiatives

### Action Taken and Achievement Report

#### Action Taken Report

**For Clean and Green Campus Initiatives several environment friendly practices are adopted by the Institute:**

- Cleanliness drives are conducted regularly. Plastic is banned in the campus. Display boards and instructions are placed across the campus.
- No vehicles are allowed to enter in the premises. Landscaping with trees and plants is encouraged and a beautiful garden is developed.
- Leaf litter is converted into compost.
- Mechanism of rainwater harvesting established and solar water heaters are used in college hostel.
- Tree plantation drives and tree donation activity is conducted. Use of bicycles and pedestrian friendly pathways encouraged.
- Activities like distribution of dustbins, blank paper bank, potable water testing conducted.

#### Achievement Report

- The campus is clean, tidy and pollution free. Students learn the importance of cleanliness of surroundings. Students are made aware about the harmful effect of plastic on environment.
- Vehicles not allowed to park in the premises helps to keep environment pollution free.
- Landscaping and beautiful garden has helped to reduce the air pollution. Moreover, it has changed the appearance and enhanced the beauty of college premises.
- Promotion of regular use of bicycles helps to reduce the traffic congestion.
- Tree plantation and tree donation activity helped to imbibe the importance of trees and their effect on human lives.
- Rain water harvesting mechanism help for the conservation of water.

Thus all the green campus initiatives and environmental friendly practices are undertaken to improve the use of resources, including energy and water and to reduce consumption and the amount of waste produced.

All these promote green living among students. Students have started recognizing the negative effects of climate change.

  
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Reports of the audits

Green Audit

[https://mvdcollege.org/pdf/Green\\_Audit.pdf](https://mvdcollege.org/pdf/Green_Audit.pdf)

Reports of the audits

2) Environment Audit

[https://mvdcollege.org/pdf/Environment\\_Audit.pdf](https://mvdcollege.org/pdf/Environment_Audit.pdf)

Reports of the audits

3) Energy Audit

[https://mvdcollege.org/pdf/Energy\\_Audit.pdf](https://mvdcollege.org/pdf/Energy_Audit.pdf)

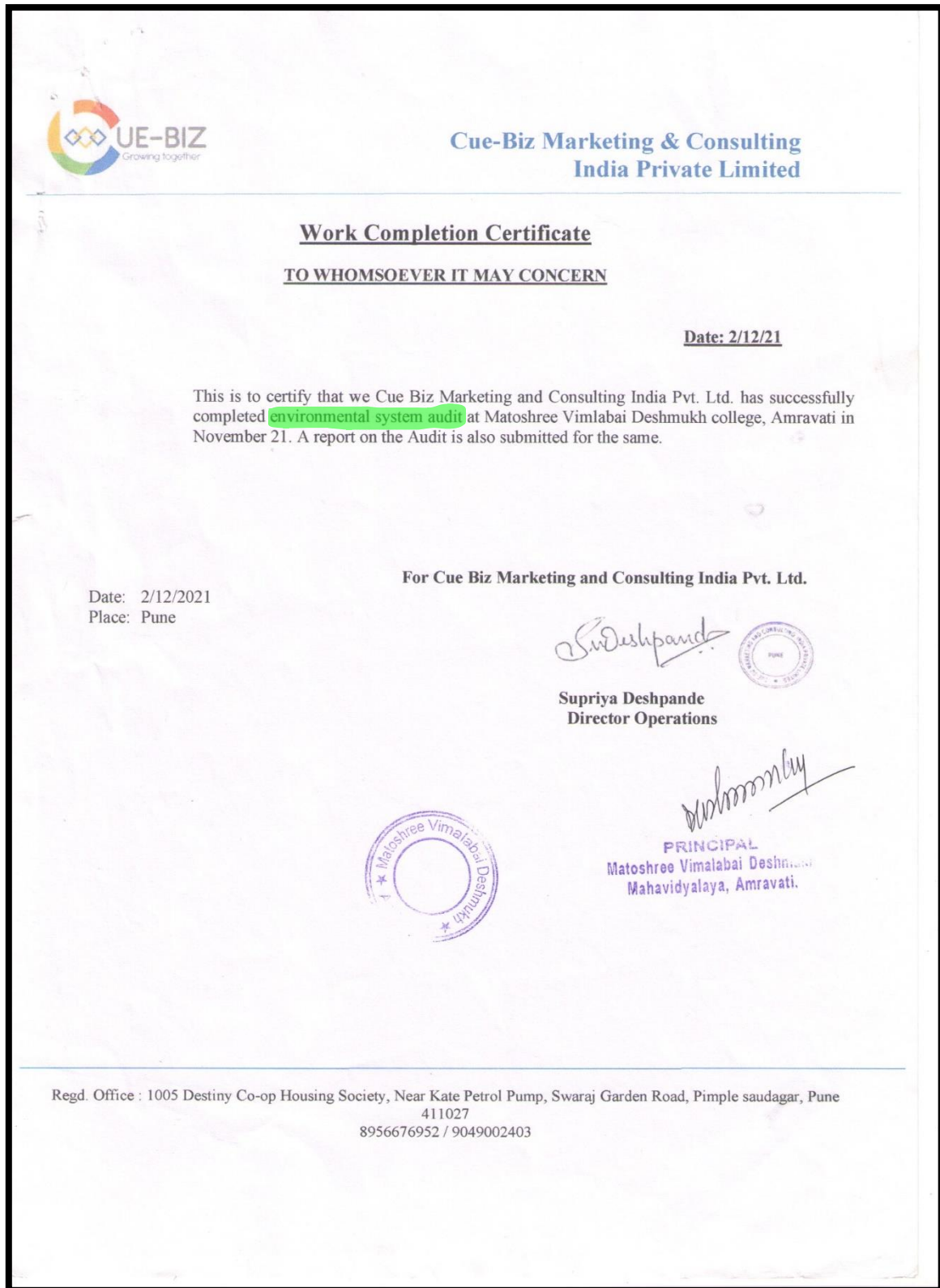


Certificate from the external accredited auditing agency

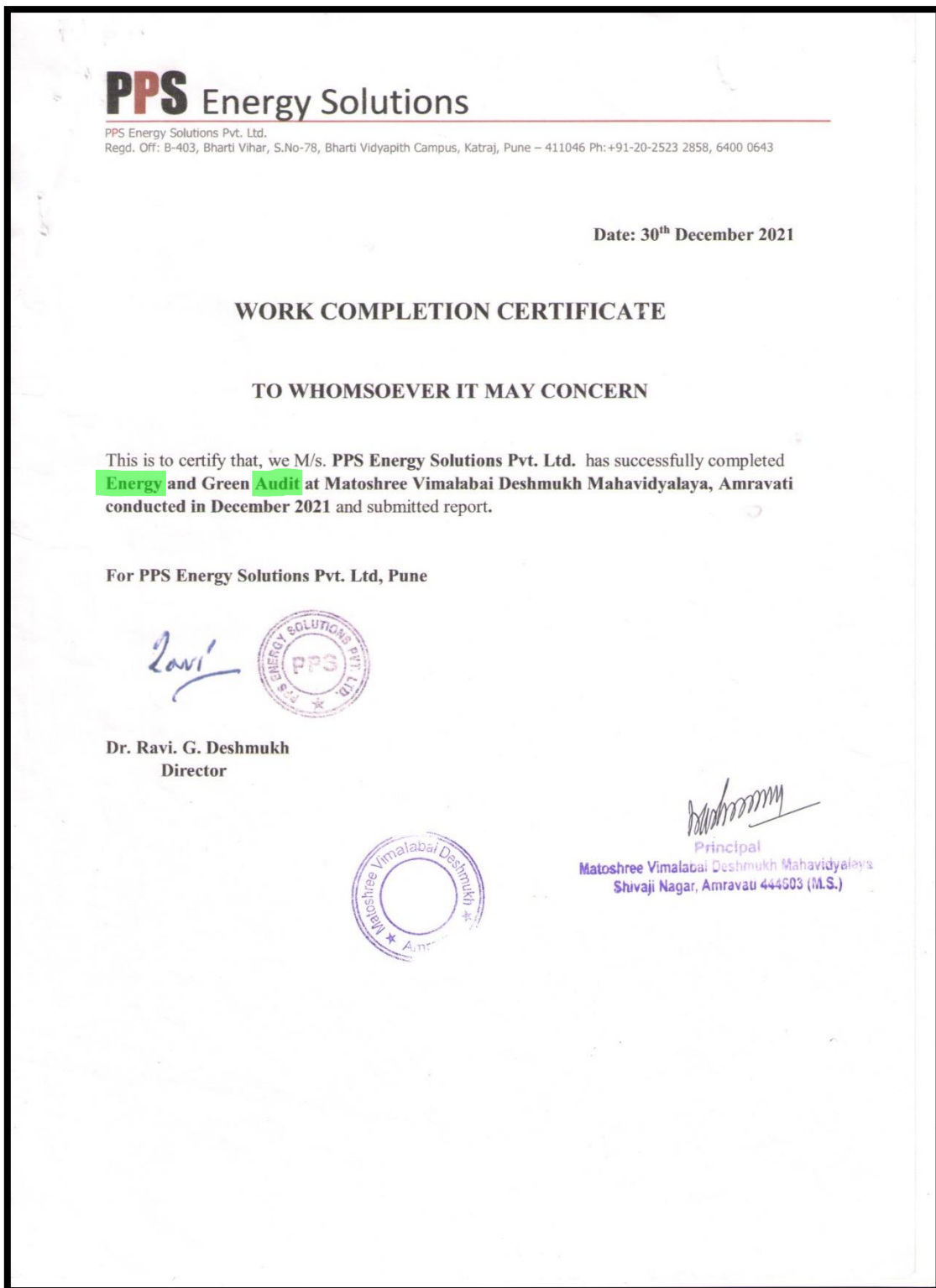
- Certificate of Green Audit



- Certificate of Environment Audit



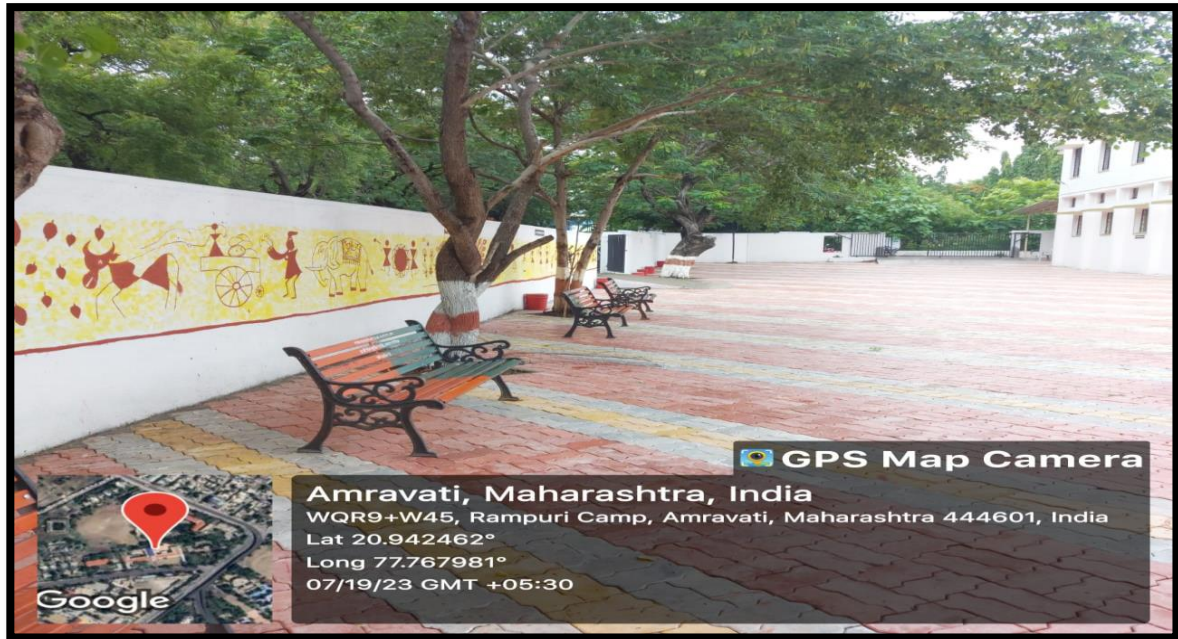
- Certificate of Energy Audit





Geo tagged photographs with caption and date

Green & Clean campus of institute



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**CRITERION – VII INSTITUTIONAL VALUES AND BEST PRACTICES (QnM 7.1.3) DVV**

**Display Boards & Instructions Placed across the Campus**



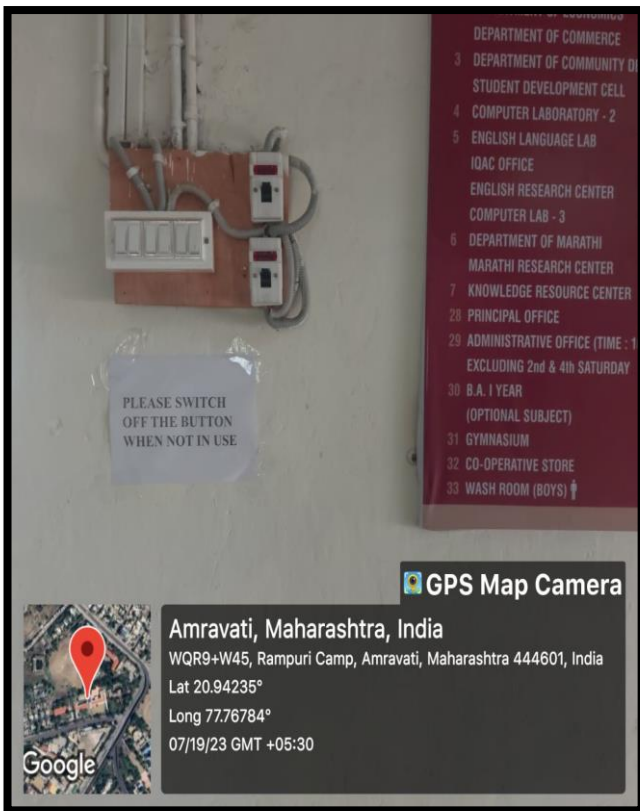
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*Vishwam*  
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### Instructions to Save Electricity



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**CRITERION – VII INSTITUTIONAL VALUES AND BEST PRACTICES (QnM 7.1.3) DVV**

**Dustbins Placed in Corridors to collect solid waste**



*[Signature]*  
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**AMRAVATI**

Beautiful Garden & Landscaping



  
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### Solar water Heating System



### Solid Waste Management (Compost Pit)



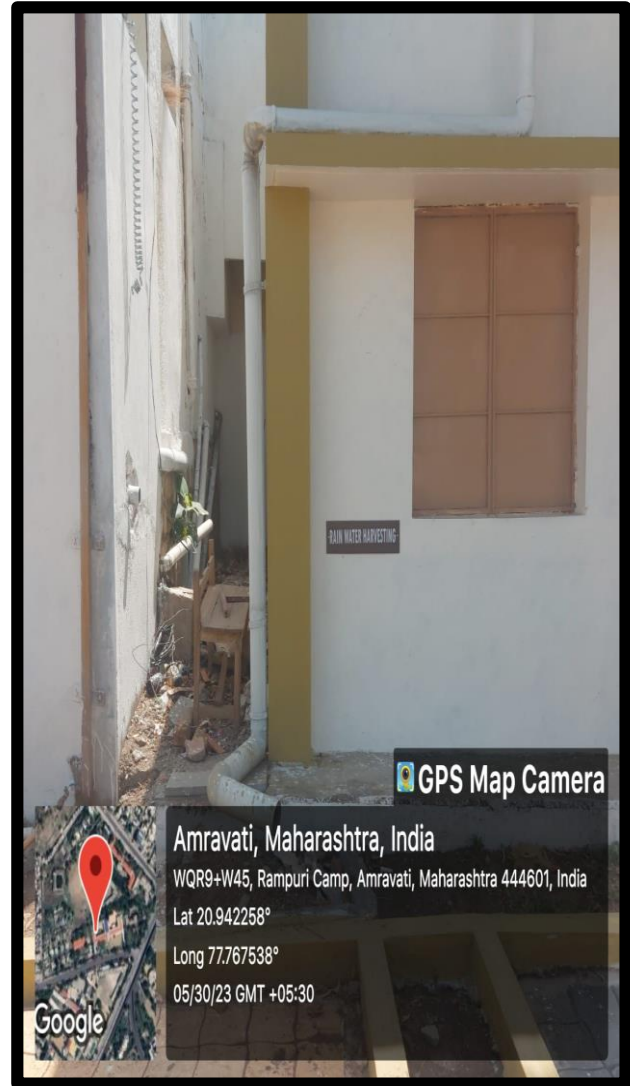
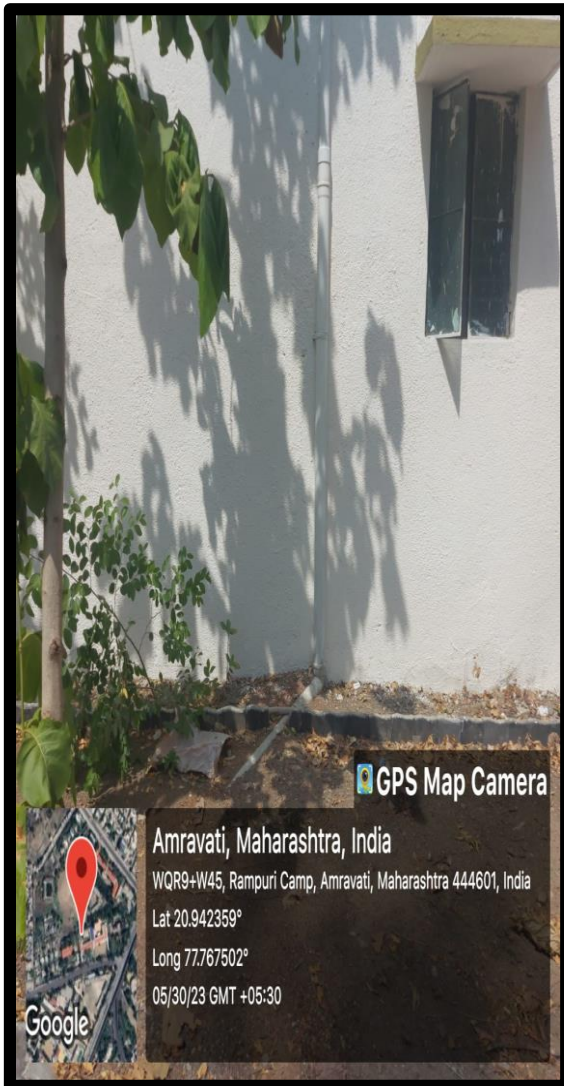
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## Rain Water Harvesting for conservation of Water

### Rain water collected from roof tops



  
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Tree Plantation Activity



  
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Tree Plantation Session 2020-21

1)Teak



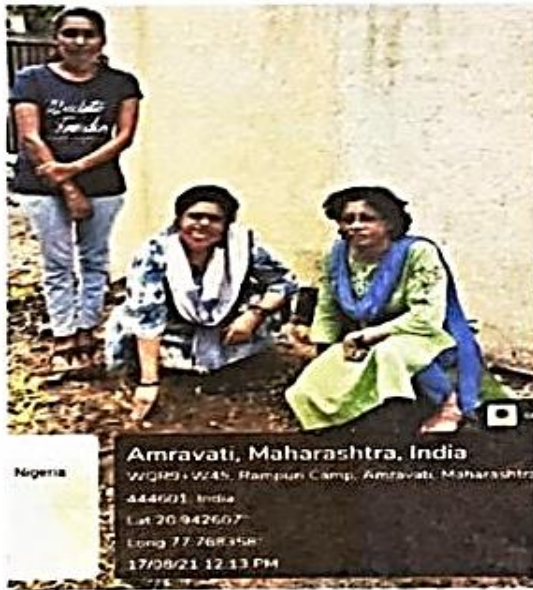
2)Jambhul



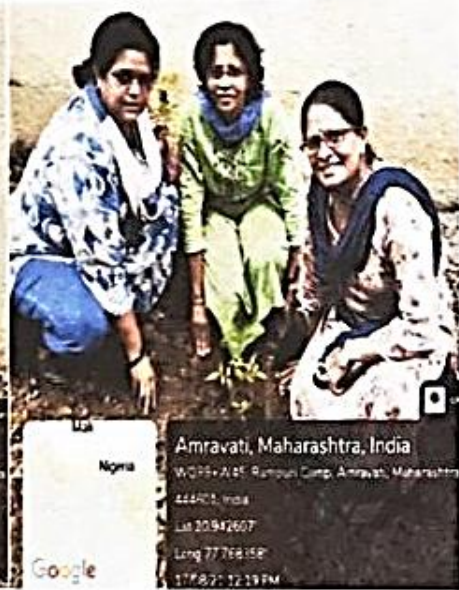
3)Neem



4)Neem



5)Neem



  
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Cleanliness Drive





  
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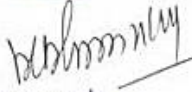
  
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