

## **BEST PRACTICE 2:**

### **TITLE OF THE PRACTICE: GREEN INITIATIVE**

#### **OBJECTIVES:**

- To minimize the college's environmental impact by reducing waste generation, conserving energy and water, and enhancing green spaces on campus.
- To promote sustainable practices in resource management.
- To educate and raise awareness among students, faculty, and staff about environmental issues and sustainable practices.
- To instill sustainable behavior and habits among the college community, encouraging individuals to adopt eco-friendly practices both on and off-campus.
- To engage with the local community and external stakeholders to promote environmental stewardship and collaboration.
- To ensure the long-term sustainability of the college's operations and activities.
- To lead by example and inspire other organizations and individuals to prioritize sustainability.

#### **THE CONTEXT:**

KMES College of Education, committed to environmental sustainability, has implemented various green initiatives to minimize its ecological footprint and foster a culture of environmental responsibility among its students, faculty, and staff. This is an overview of the green initiatives undertaken by the college and their impact.

**Reduction in Waste Generation:** The implementation of waste management practices has led to a significant reduction in the amount of waste sent to landfills. Organic waste is composted on-site, resulting in nutrient-rich compost used for landscaping.

**Energy Savings:** The adoption of energy-efficient appliances and lighting systems has resulted in considerable energy savings. This not only reduces the college's utility bills but also helps mitigate greenhouse gas emissions.

**Water Conservation:** Water conservation measures have led to a reduction in water consumption on campus. Rainwater harvesting has helped replenish groundwater resources and mitigate the effects of water scarcity.

**Green Cover Enhancement:** The campus has witnessed an increase in green cover due to tree plantation drives and landscaping initiatives. This not only enhances the aesthetic appeal of the campus but also provides ecosystem services such as air purification and temperature regulation.

**Promotion of Sustainable Practices:** The college has succeeded in fostering a culture of sustainability among its students, faculty, and staff. Sustainable transportation options are actively

promoted, and environmental education initiatives have increased awareness about pressing Environmental Issues.

### **THE PRACTICE:**

KMES College of Education has made commendable progress in promoting environmental sustainability through its green initiatives. By continuing to prioritize sustainability and addressing challenges proactively, the college can serve as a model for other educational institutions striving to create a greener and more sustainable future.

**Waste Management:** The college has implemented a comprehensive waste management system that includes segregation of waste at the source, composting of organic waste, and recycling of paper, plastic, and glass.

**Energy Conservation:** Awareness campaigns and workshops are conducted regularly to educate the college community about the importance of energy conservation.

**Water Conservation:** Rainwater harvesting systems have been set up to recharge groundwater resources. Students are encouraged to conserve water through awareness programs and practical demonstrations.

**Green Campus Initiatives:** The college has undertaken various landscaping projects to increase green cover on campus. Tree plantation drives are organized regularly, and students actively participate in maintaining the campus gardens.

**Sustainable Transportation:** The college promotes the use of public transportation, cycling, and carpooling among students and staff to reduce carbon emissions from commuting. Dedicated parking spaces for bicycles and electric vehicles have been designated on campus.

**Educational Programs:** Environmental education is integrated into the curriculum to raise awareness about sustainability issues among future educators. Workshops, seminars, and guest lectures are organized to explore topics such as climate change, biodiversity conservation, and sustainable development.

### **EVIDENCE OF SUCCESS:**

By promoting practices such as waste management, recycling, energy conservation, and water conservation, the college contributes to the preservation of natural resources and the reduction of environmental impact. This leads to a more sustainable campus environment and sets an example for the broader community. The beautification efforts, including tree planting, landscaping, and the development of green spaces, improve the visual appeal of the campus. This creates a more pleasant and inviting environment for students, faculty, staff, and visitors, fostering a sense of pride and belonging. The green initiatives provide valuable educational opportunities for students, allowing them to learn about environmental issues, sustainable practices, and the importance of conservation. This hands-on experience enhances their understanding of environmental stewardship and equips them with practical skills for sustainable living.

The impact of the green initiatives extends beyond the immediate campus environment, contributing to broader efforts to address climate change, promote biodiversity conservation, and

build resilient communities. By instilling values of environmental stewardship and sustainability in its stakeholders, the college helps create a more sustainable future for all. The commitment to environmental sustainability enhances the college's reputation as a responsible institution that prioritizes social and environmental responsibility. This can attract environmentally conscious students, faculty, and staff and strengthen partnerships with like-minded organizations and stakeholders.

### **PROBLEMS ENCOUNTERED AND RESOURCES REQUIRED:**

While significant progress has been made, there are challenges that need to be addressed to further enhance the college's green initiatives. These include:

**Behavioral Change:** Continual efforts are needed to instill sustainable behavior among all stakeholders and ensure the long-term success of green initiatives.

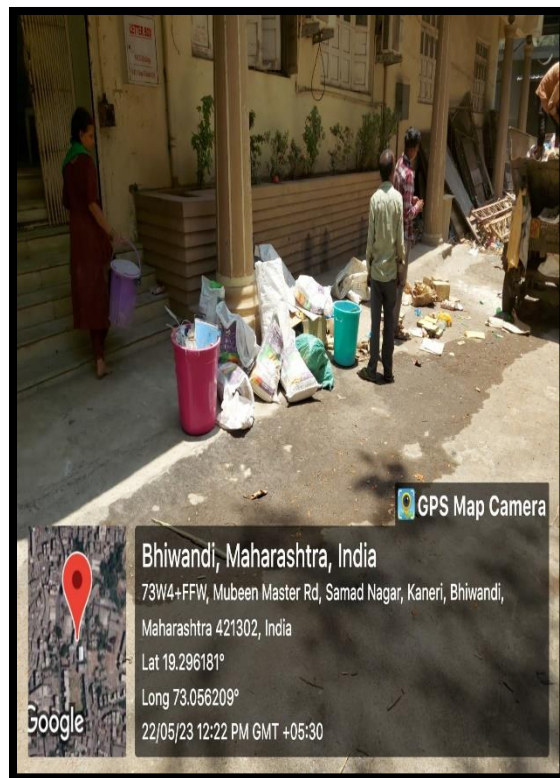
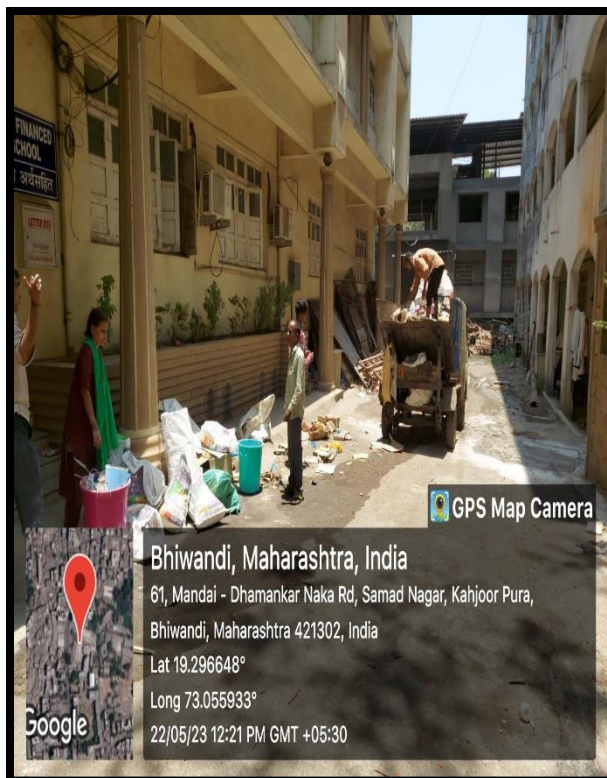
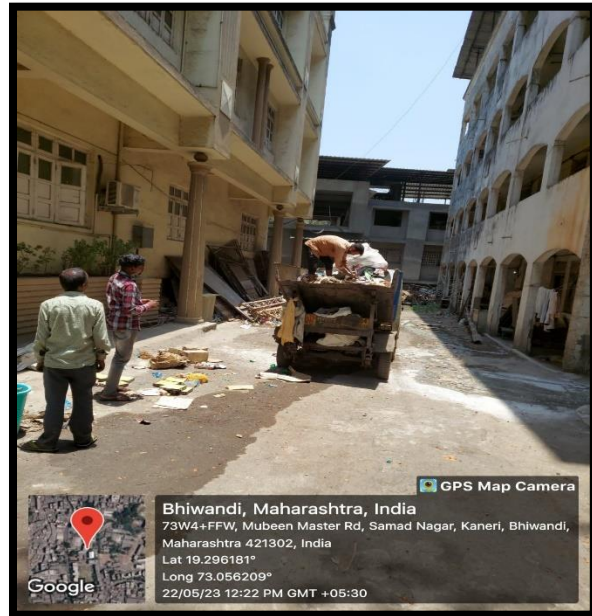
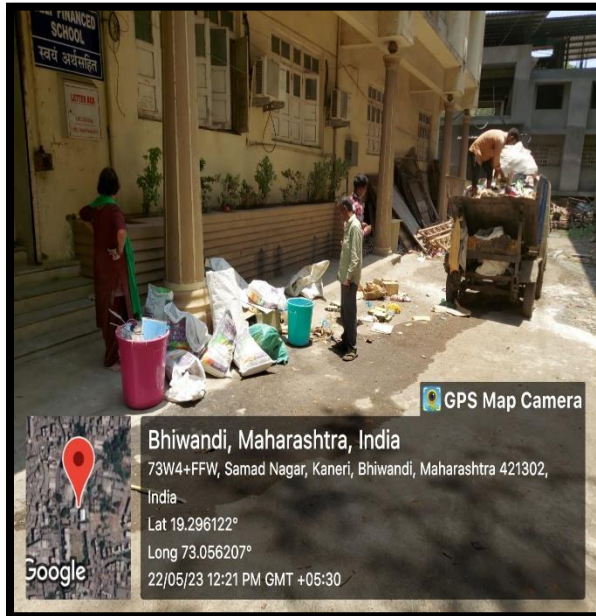
**Infrastructure Upgrades:** Further investments may be required to upgrade infrastructure and implement advanced technologies for more efficient resource management.

**Community Engagement:** Strengthening partnerships with local communities and organizations can help expand the impact of green initiatives beyond the college campus.

**Monitoring and Evaluation:** Regular monitoring and evaluation are essential to assess the effectiveness of green initiatives and identify areas for improvement.

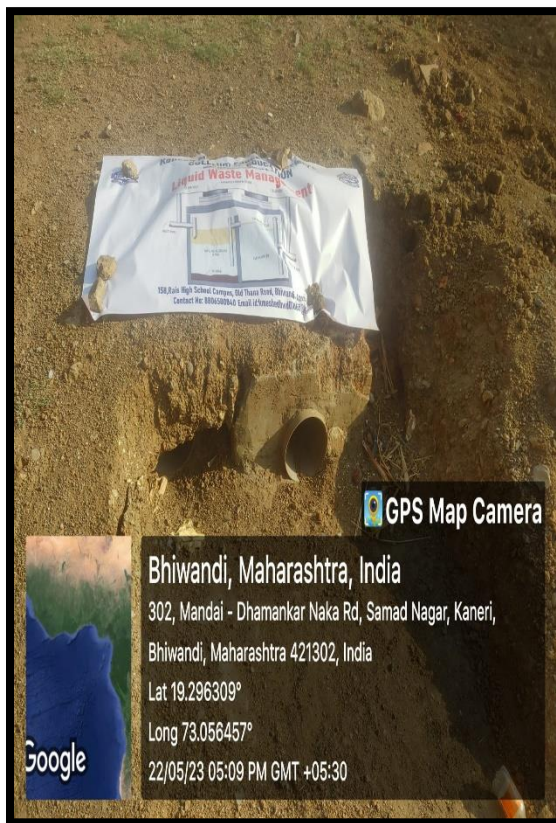
The green initiative undertaken by KMES College of Education reflects its commitment to environmental sustainability and responsible citizenship. Through various initiatives focused on campus beautification, waste management, energy conservation, water conservation, and environmental education, the college aims to create a greener and more sustainable campus environment for the benefit of present and future generations.

## WASTE MANAGEMENT

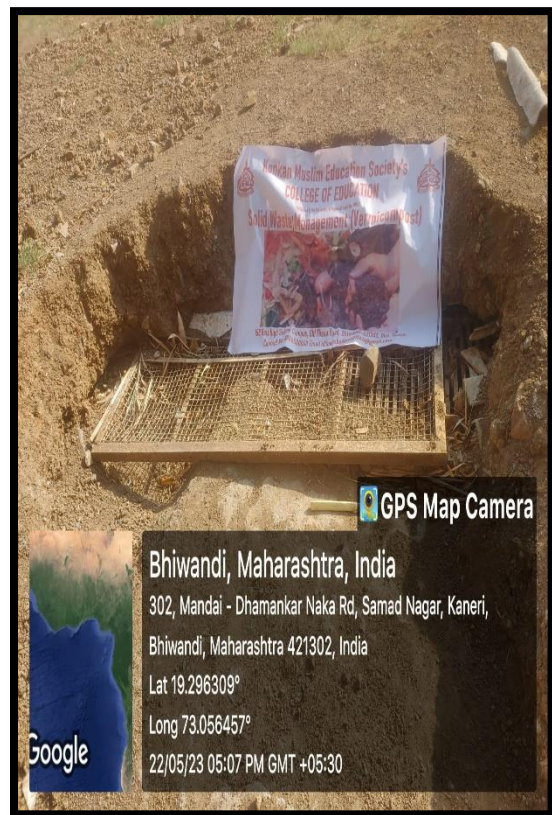




## LIQUID & SOLID WASTE MANAGEMENT



LIQUID WASTE MANAGEMENT



SOLID WASTE MANAGEMENT



## DUSTBINS



## WASTE MANAGEMENT POLICY



### Konkan Muslim Education Society's COLLEGE OF EDUCATION (Affiliated to the University of Mumbai) Code No. 01065 **WASTE MANAGEMENT POLICY**



158, Rele High School Campus, Old Thane Road, Bhiwandi-421302, Dist. Thane.  
Contact No: 8804508040  
Email id: kmeshedbw01065@gmail.com

Waste management refers to the collections, transportation, processing, recycling & disposal of waste material. Effective waste management aims to minimize the environmental impact of waste & promote sustainable practices.

As a teacher Education, from the day one, the prospective teachers are instructed to pay attention to wastes. They are asked to take care of leaving less waste papers and wrappers anywhere in the college premise. Therefore the policy is "less waste, more cleanliness and more cleanliness, better health."

Following is the process for waste management:

1. **Reduce 2. Reuse 3. Recycle**  
This principle promotes minimizing waste generation by reducing consumption, reusing product & recycling when possible.
- **Waste segregation:** proper waste segregation is crucial for effective waste management. It involves separating waste like paper, plastic, glass, organic waste & non recyclable waste.
- **Composting:** composting is process of decomposing organic waste into nutrient rich compost.
- **Waste to- energy:** some waste management system utilizes waste to energy technology to convert waste into energy.
- **Public awareness & education:** promoting public awareness and education campaign is vital to encourage responsible waste management practices.



### Recycling




## E-WASTE MANAGEMENT



## APPRAISAL LETTER AND CERTIFICATE FOR E-WASTE DRIVE FROM N.G.O

Regd. No : MAH/285/2018/THN



اردو قبیلہ  
**URDU QABEELA Foundation**  
120/305, Ideal Bldg., 1st Floor, N.G. Compound, Opp. Post Office,  
College Road, Dhamankar Naka, Bhiwandi-421302  
e-mail : urduqabila@gmail.com Mob.: 9326356942 - 7869189786

Regd. No : MAH/285/2018/THN

To,  
The Principal  
KMES College of Education, Bhiwandi  
Sub: Letter of Appreciation


It is with great pleasure that we extend this Certificate of appreciation to KMES College of Education for their active involvement towards environmental conservation and sustainable practices.

By particularly in the E Waste recycling drive we have taken a significant step towards reducing the negative impact on our planet.

Through this appreciation we aim to recognize the tireless efforts of your institution in creating awareness about the hazard of E Waste efficient recycling system and promoting sustainable practices.

We extend our heartfelt appreciation to the whole Management of KME Society.

Thank You for unwavering dedication.

For URDU QABILA FOUNDATION  
  
Vice President



**URDU QABILA FOUNDATION**  
اردو قبیلہ فاؤنڈیشن (رجسٹرڈ)، بھینڈی  
**CERTIFICATE**  
Being Awarded To  
**Konkan Muslim Education Society's College of Education, Bhiwandi**

**Has donated E Waste and will remain  
committed to keep working  
towards making India 100% clean  
of E Waste.**



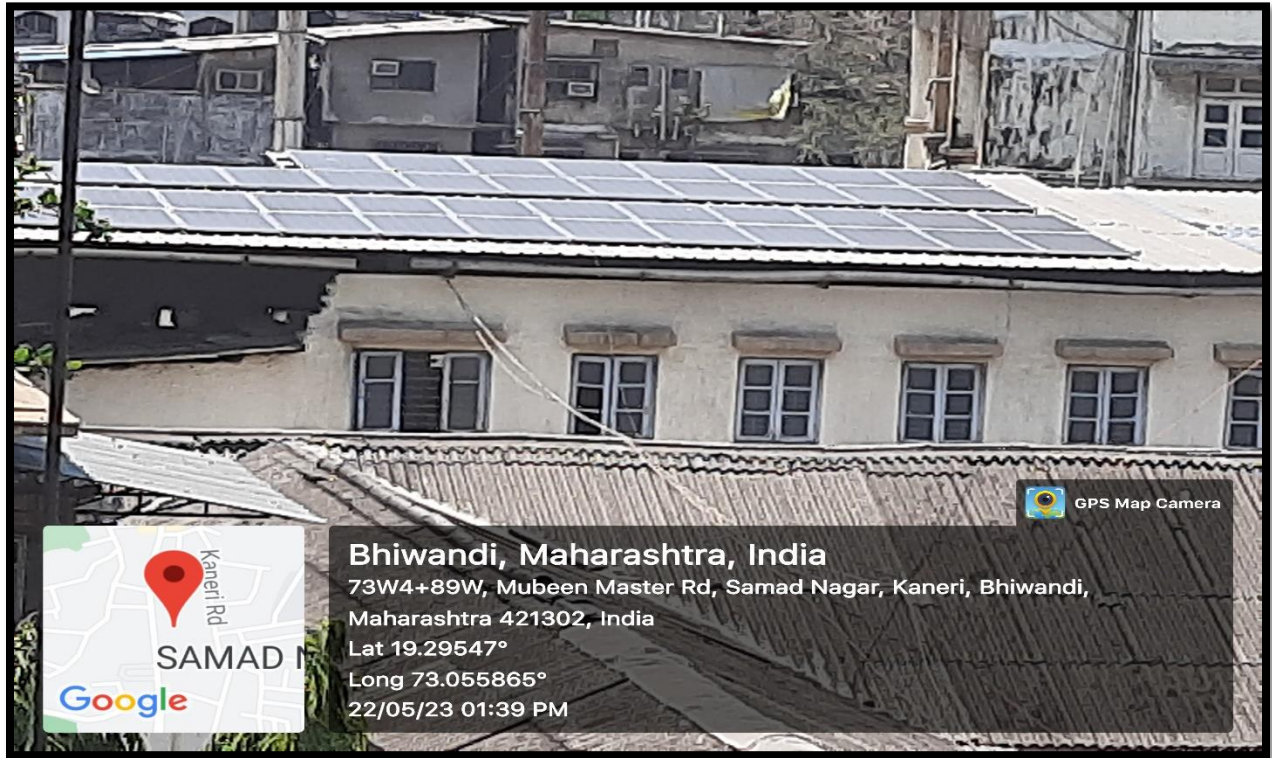
For URDU QABILA FOUNDATION  
  
**Secretary**

16-04-2023

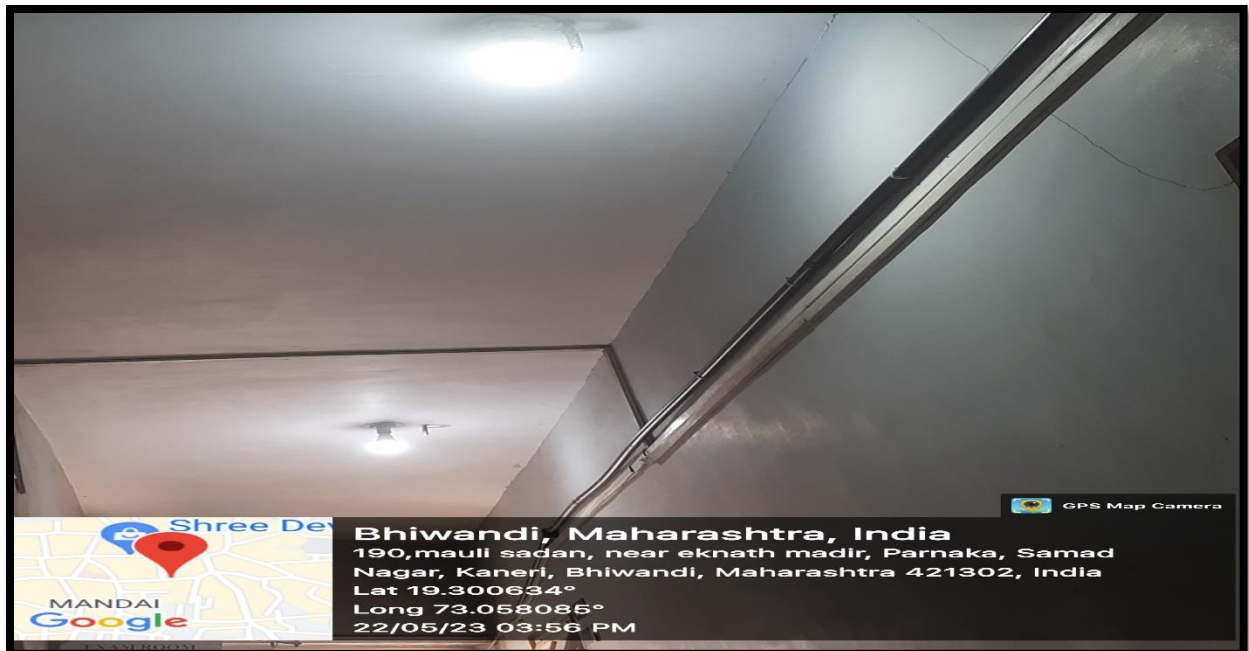


## ENERGY CONSERVATION

### SOLAR PANEL



### LED BULBS



## ENERGY POLICY



### Konkan Muslim Education Society's COLLEGE OF EDUCATION

(Affiliated to the University of Mumbai) Code No. 01065

### ENERGY POLICY



158, Rais High School Campus, Old Thana Road, Bhiwandi-421302, Dist. Thane.

Contact No: 8806500040

Email id: kmesbedbwd01065@gmail.com

### ENERGY POLICY

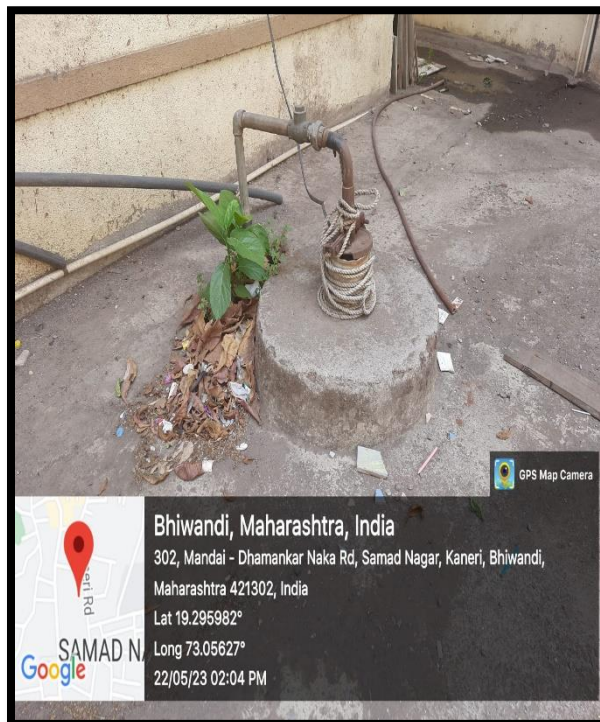
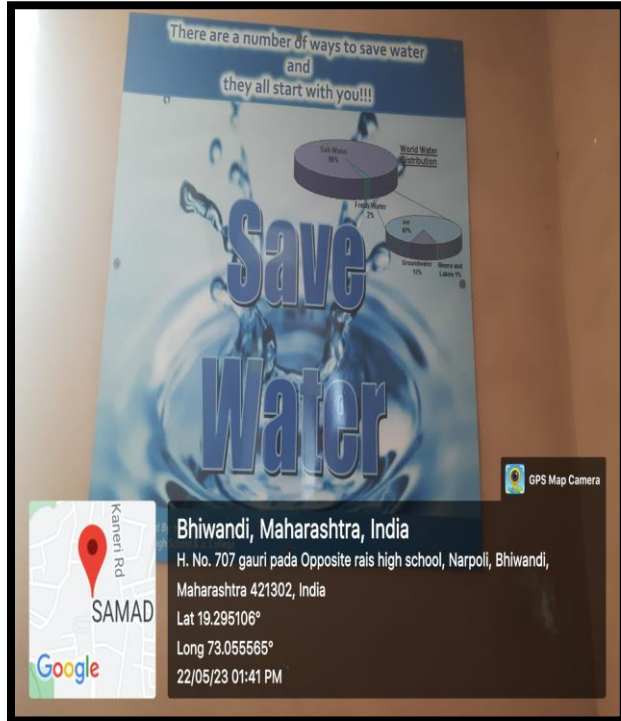
In the context of utilization of energy resource like electricity, the management consulted the faculty, non-teaching staff and student-teacher and created an awareness about the necessity of saving the electricity and use the non-conventional energy as well as nature resources like sunlight and air.

- To utilize the nature resources of light namely sunlight and air, the entire college community is trained to keep windows and doors open on either side of the class-rooms, halls and laboratories.
- To use a minimum level of air-conditioners in the computers lab, conference hall .in the event of electricity failure we use generators and solar energy.
- To pay attention the switching off the lights, fans and air-conditioners when the class or educational programme are not held.
- ☑ To remind at periodical intervals the usage of non-conventional energy and its impact on general health, eyes and bodily temperature.
- ☑ To educate the members of this academic institution to practice consciously the planting of trees in their homes, use of plants that promote oxygen and maintaining them regularly.
- ☑ To encourage the stakeholders of this academic institution to spread the conventional energy. Thus the investment energy is reduced and non-conventional energy is promoted.





## WATER CONSERVATION



**BOREWELL**



**RAIN WATER HARVESTING**



## PLASTIC FREE CAMPUS



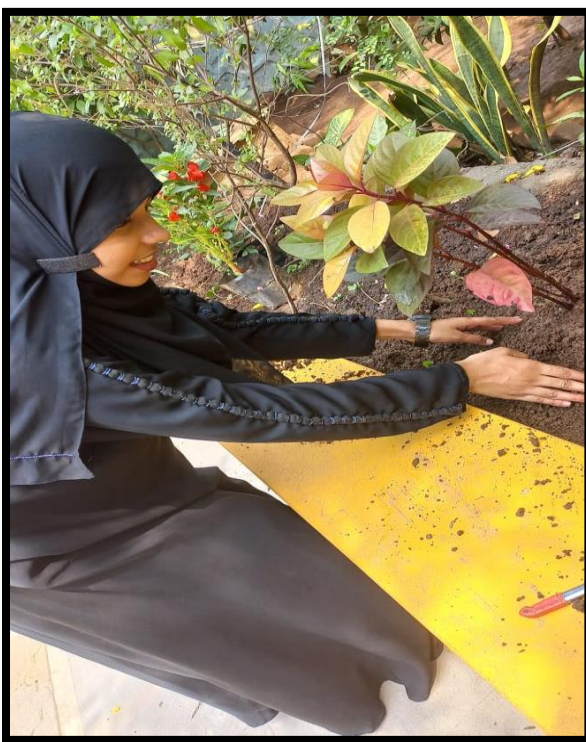
## POLLUTION FREE HEALTHY ENVIRONMENT





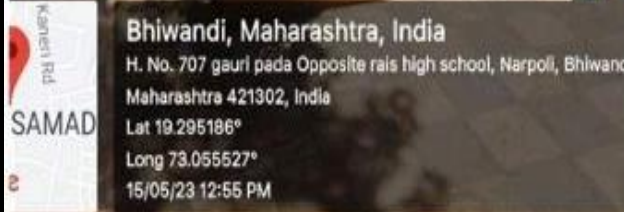
## **GREEN CAMPUS INITIATIVES**

### **TREE PLANTATION DRIVE**





## BEAUTIFICATION OF GARDEN



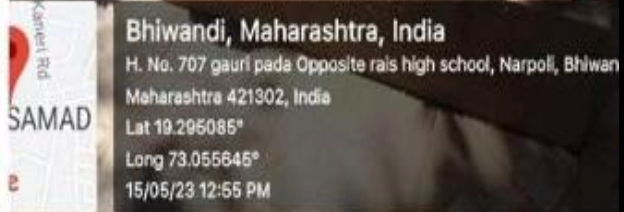
**Bhiwandi, Maharashtra, India**

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Maharashtra 421302, India

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Long 73.055527°

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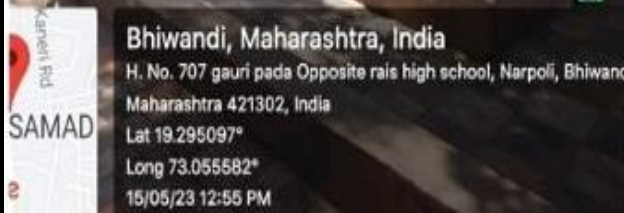
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Maharashtra 421302, India

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**Bhiwandi, Maharashtra, India**

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Maharashtra 421302, India

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**Bhiwandi, Maharashtra, India**

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Maharashtra 421302, India

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Long 73.055678°

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## CAPTION ON TREES AND PLANTS





## BOTANICAL GARDEN

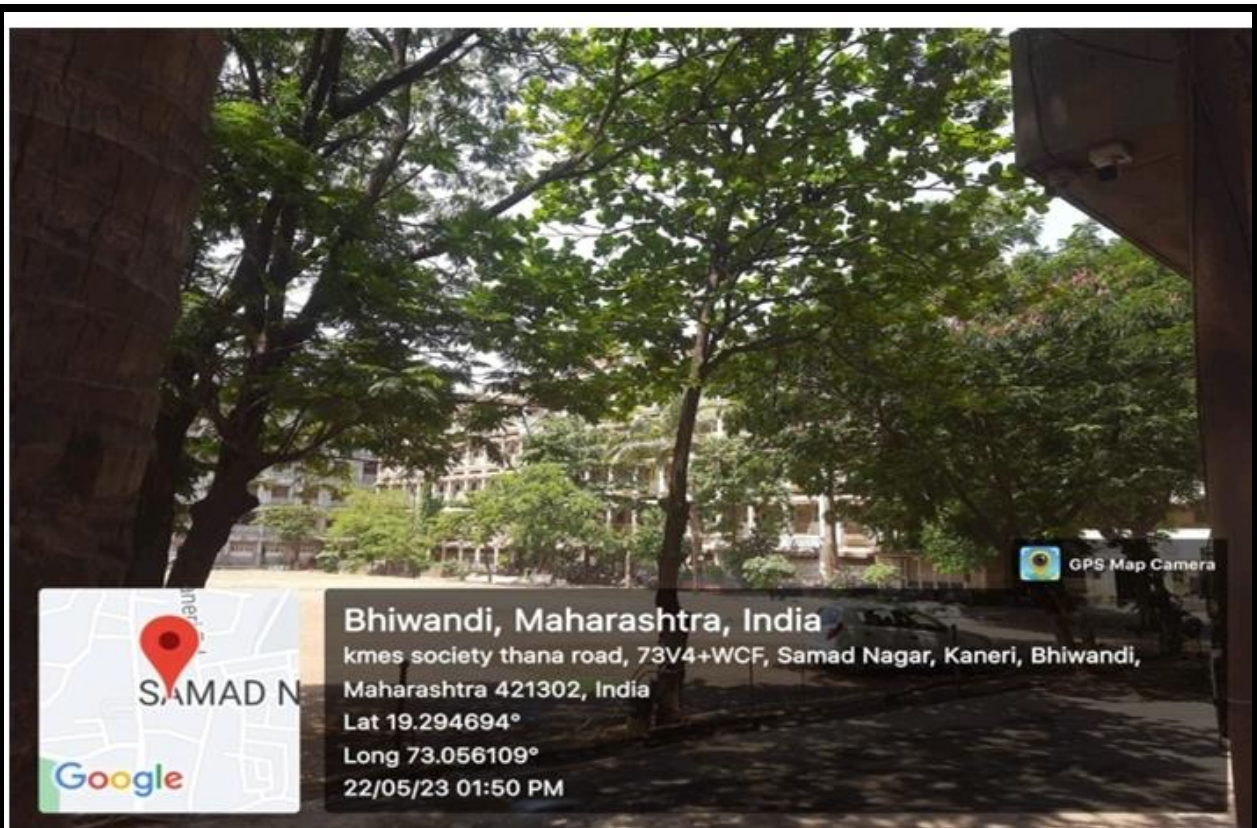




## GREEN COVER



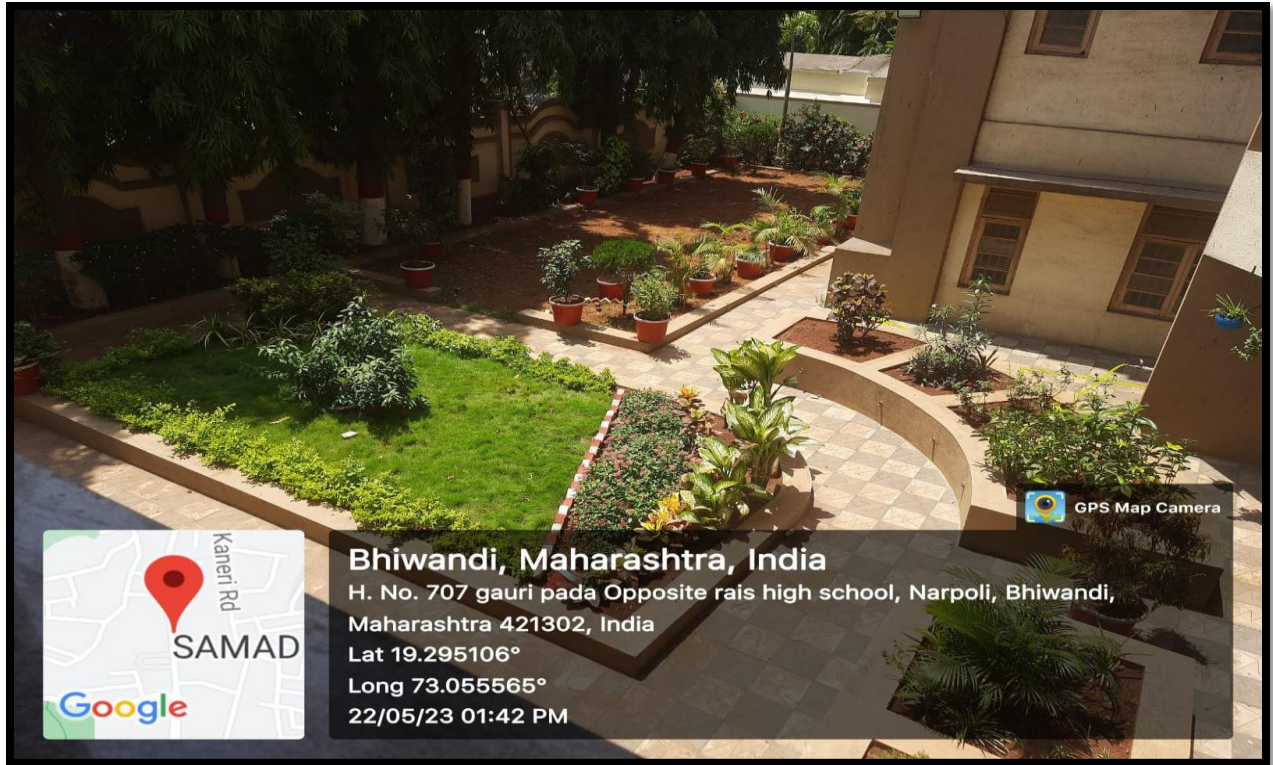




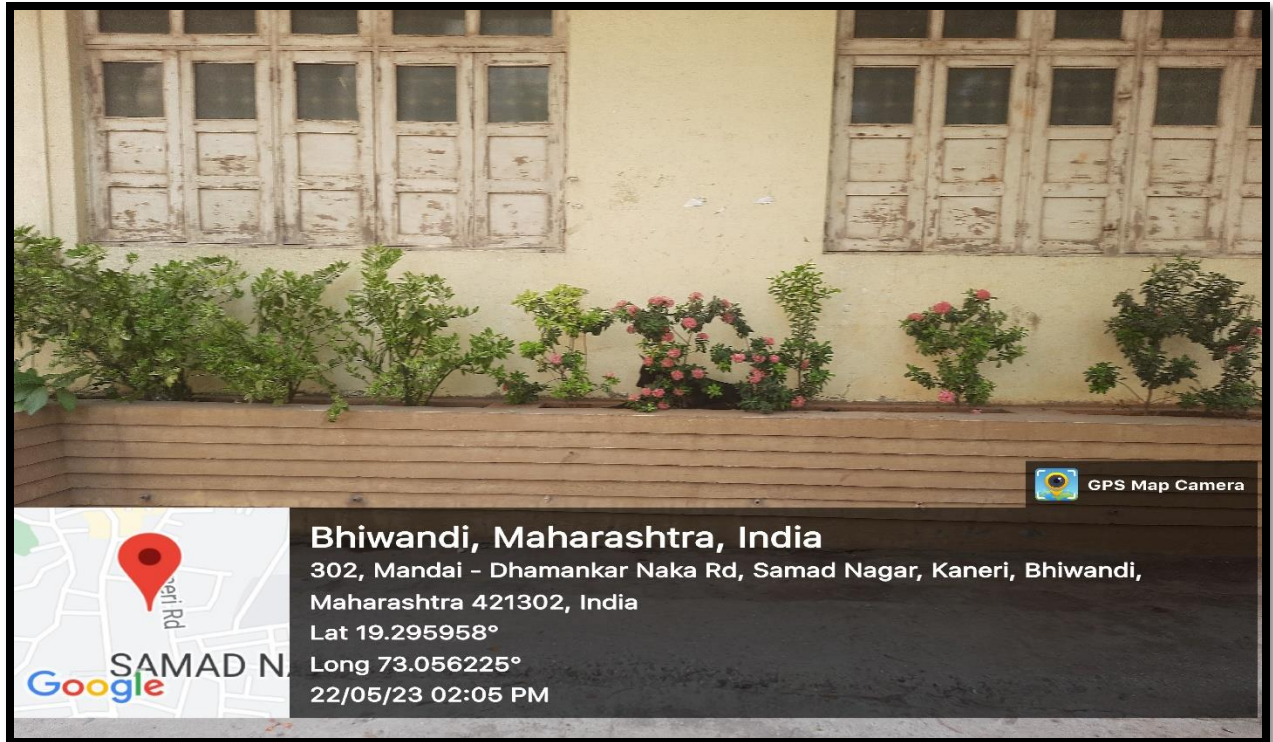














## GREEN POLICY



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Email id: kmesbedbwd01065@gmail.com

### GREEN POLICY

Konkan Muslim Education Society College of education Green Policy aims to preserve the campus's eco system as well as nature and natural resources by employing skills and knowledge so build unique eco-friendly solutions.

Our Green Policy also includes monitoring, directing and inspecting human activities, as well adopting various actions to prevent damaging effects on the bio physical environment and natural resources while assuring no negative consequences for humanity. Energy management, solid waste management, wastewater management, environmental air quality assessment, and conservation of the area's natural flora and fauna are the five key monitoring areas now in place.

An Environment Administration Strategy was created to reduce the ecological impact of the abrupt and quick transformation of the terrain and to guide the campus long term development without disrupting the natural riparian ecosystem and environment. The architects employed the created Ecological Management Plan in constructing the Master plan and designing the buildings.

Motor vehicles will not be permitted in academic areas and students will not be able to drive on campus. The green panel is careful to keep paving and retaining walls to a minimum and to arrange for adequate garbage disposal among other things.

There are five major categories

- Encouraging use of bicycles / E-vehicles
- Create pedestrian friendly roads in the campus
- Develop plastic-free campus
- Move towards paperless office
- Green landscaping with trees and plants





## SUSTAINABLE TRANSPORT

