

# Shri Jayendrapuri Arts and Science College, Bharuch

(REACCREDITED BY NAAC WITH “B” GRADE WITH A CGPA OF 2.81)

Old National Highway No.8, BHARUCH – 392001, Gujarat – India

Prin. : Dr. N.M. Patel

Ph No. : (O) (02642) 249802, 228812, (R) 248385

Fax No. : (02642) 228118

E-mail : jayendrapuricollege @ yahoo.in

Website : [www.jpcollege.net](http://www.jpcollege.net)



Date :

No. :

---

## **POLICY DOCUMENT**

### **ON**

## **ENVIRONMENT AND ENERGY USAGE**

## **INDEX**

1. Green campus/environment assessment team.
2. We think.
3. Policy for green campus/energy/waste/water management and conservation.
4. Objective.
5. Plan of implementation/ Practices.
6. An Energy conservation and management.
7. Waste management -Solid, Liquid & e-Waste Management.
8. Water Conservation and Management.
9. Clean & Green Campus.
10. Paperless operating procedures.
11. Ban single-use plastics on the Campus.
12. Taking up awareness initiatives and environment-centric activities.
13. Conclusion.

**GREEN CAMPUS / ENVIRONMENT ASSESSMENT TEAM**

**IN**

**CAMPUS AND BEYOND THE CAMPUS ACTIVITY**

**FOR UPCOMING FIVE (2017 to 2022) ACADEMIC YEARS**

**DR. N. M. PATEL ( Principal )**

**DR. K. N. SARMAH ( H.O.D. Chemistry )**

**DR. D. G. ADROJA ( H.O.D. Physics )**

**DR. P. S. BHARADWAJ ( Chemistry )**

**DR. N. B. PATEL ( Chemistry )**

**DR. S. A. DABHI ( Gujarati )**

**DR. P. H. TRIVEDI ( H.O.D. Electronics )**

**DR. A. M. AGRAWAL ( Physics )**

**Ms. U. H. SOLANKI ( Biology )**

**POLICY DOCUMENT**  
**ON**  
**ENVIRONMENT AND ENERGY USAGE**

**We think:**

Green campus initiative started from the inception of the institution in 1954 the entire 40 acres campus is planned to keep in mind in holistic perspective of land use, social well-being and preservation of the environment. The development of infrastructure ensured that no damage is caused to the natural surroundings.

The environment and energy usage policy of our college is to manage energy in such a systematic way so as to minimize its impact on the environment. The policy implies exploring renewable energy resources to reduce the burden on the government and to find out substitute natural resources as a solution to the energy crisis.

This environment and energy policy is binding for all the components of the institution and applies to all stakeholders and to the various activities undertaken by the institution. It will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to the conservation of natural resources and to limit their uses. The college regularly conducts green literacy programs to save energy and protect the environment.

The institution has developed certain policies and culture to maintain the campus as a green and environmentally friendly campus. To sensitize the students towards the green and environment-friendly campus.

We offer **Environment studies** as a subject in our college for the students of Arts and Science streams to give detailed information about the recent development in the environment to the students.

## **POLICY FOR GREEN CAMPUS / ENERGY / WASTE / WATER MANAGEMENT AND CONSERVATION.**

### **❖ Objective:**

- To develop awareness about environmental issues.
- To understand one's responsibility towards energy conservation.
- To implement responsibility procedure for waste management.
- To reduce waste production on campus for all activities and programs.
- To initiate water management and conservation practices.
- To encourage green practices within the campus and beyond
- To maintain cleanliness and sanitation on campus.
- To provide a pollution-free healthy environment.

### **❖ Plan of Implementation/ Practices:**

The College is committed to sustainable development in all its endeavours. In accordance following are the areas to be considered for streamlining ways and procedures for environment and energy conservation;

- A. Energy conservation and management.
- B. Waste management -Solid, Liquid & E-Waste Management
- C. Water Conservation and Management.
- D. Clean & Green Campus.
- E. Paperless operating procedures.
- F. Ban on single-use plastics on the Campus.
- G. Taking up awareness initiatives and environment-centric activities.

## **A. Energy conservation and management.**

- To install and use LED bulbs in the College campus to save energy.
- To invest in power-efficient equipment.
- To create awareness that small actions matter – “Save Energy” labels/posters are put up at various locations in the College.
- Use of natural lighting and ventilation is encouraged as and when possible.
- To take additional measures to continuously improve our energy consumption.
- To ensure the availability of necessary resources to achieve our objectives

## **B. Waste management -Solid, Liquid & e-Waste Management**

- Two-way segregation of waste at source, on campus.
- Practice the 4 R's Reduce, Reuse, recycle and refuse wherever possible.
- Reduce waste production on campus.
- Sanitary Napkin Incinerator and Sanitary Napkin Disposal Machine is Installed and used.
- Follow Eco friendly practices in daily activities and programs.
- Prefer using bags made of eco-friendly material.
- Preference to eco-friendly items and material for packaging and decorations as well as for gifting/memento and felicitating guests, during various programs.
- Reduce usage of paper by encouraging techno-centric teaching and administrative model.
- To develop a systematic waste management mechanism.

### **C. Water Conservation and Management.**

- To use rainwater recharge pit for water conservation and management.
- Periodic mending and repairs of leaks in taps and pipes are done.
- Planting an indigenous variety of plants and less water-requiring plants in the College campus.
- To create awareness that small actions matter by putting up Save Water labels/posters are put up in various places in the College.
- Organizing water conservation activities for creating awareness amongst the faculty and students on campus.
- By using and replacing sanitary fixtures with water-efficient faucets and nozzles.

### **D. Clean & Green Campus.**

- The green cover is reasonably good with trees and plants of the variety. The college plans to work towards a more decent landscape.
- To undertake a tree plantation drive.
- To form an **Eco** club.
- To reduce local air pollution emissions using environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
- To maintain cleanliness and sanitization throughout the campus.

### **E. Paperless operating procedures.**

- Move towards a paperless office with E-office practices as encouraging communication through emails and other virtual platforms.
- Digital storage of documents through local admin PC.
- To form subject wise what's app groups and google classrooms for communication and transaction of course content.
- To have College social media handles- Instagram, (j.p.collage)
- To have a fully functional College website.

### **F. Ban on single-use plastics on the Campus.**

- To strive towards a plastic-free campus with the prohibition on using single-use plastic on campus.
- To conduct sensitization programs on harmful effects of single-use plastic.
- Practice the 4 R's Reduce, Reuse, recycle and refuse wherever possible.
- Follow Eco friendly practices in daily activities and programs. Prefer using bags made of eco-friendly material.
- Preference to eco-friendly items and material for packaging and decorations as well as for gifting/memento and felicitating guests, during various programs.



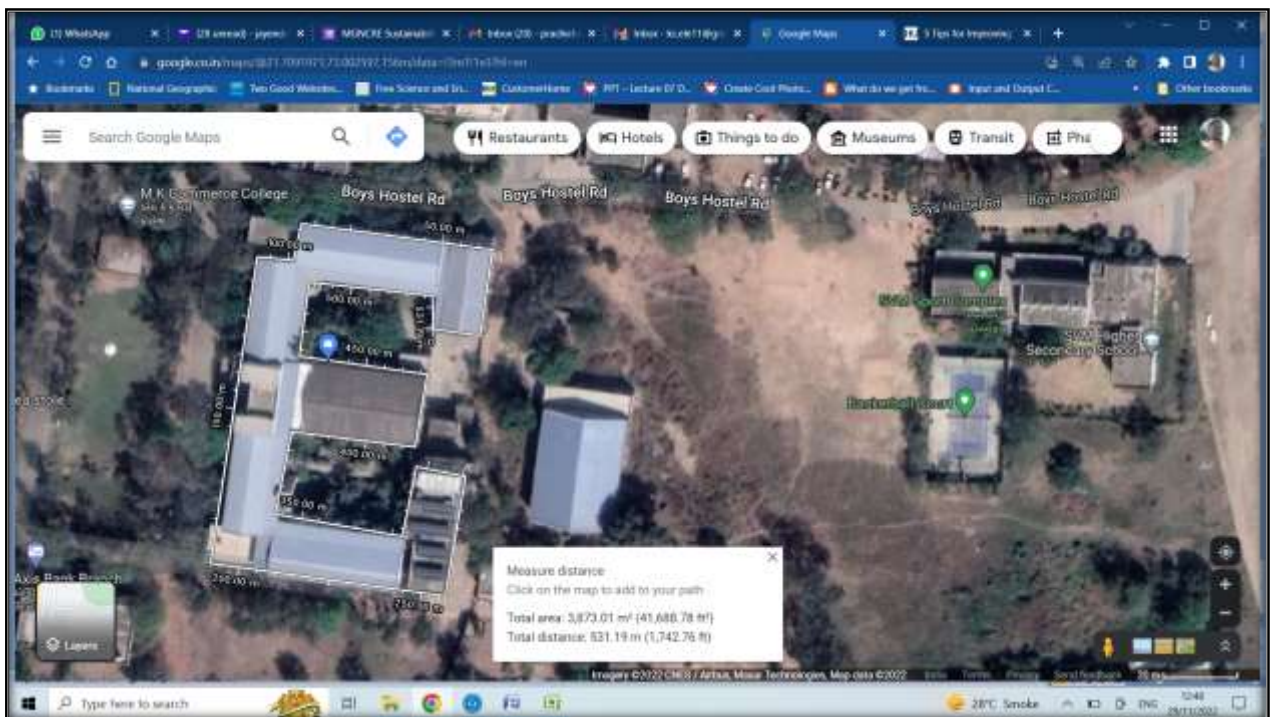
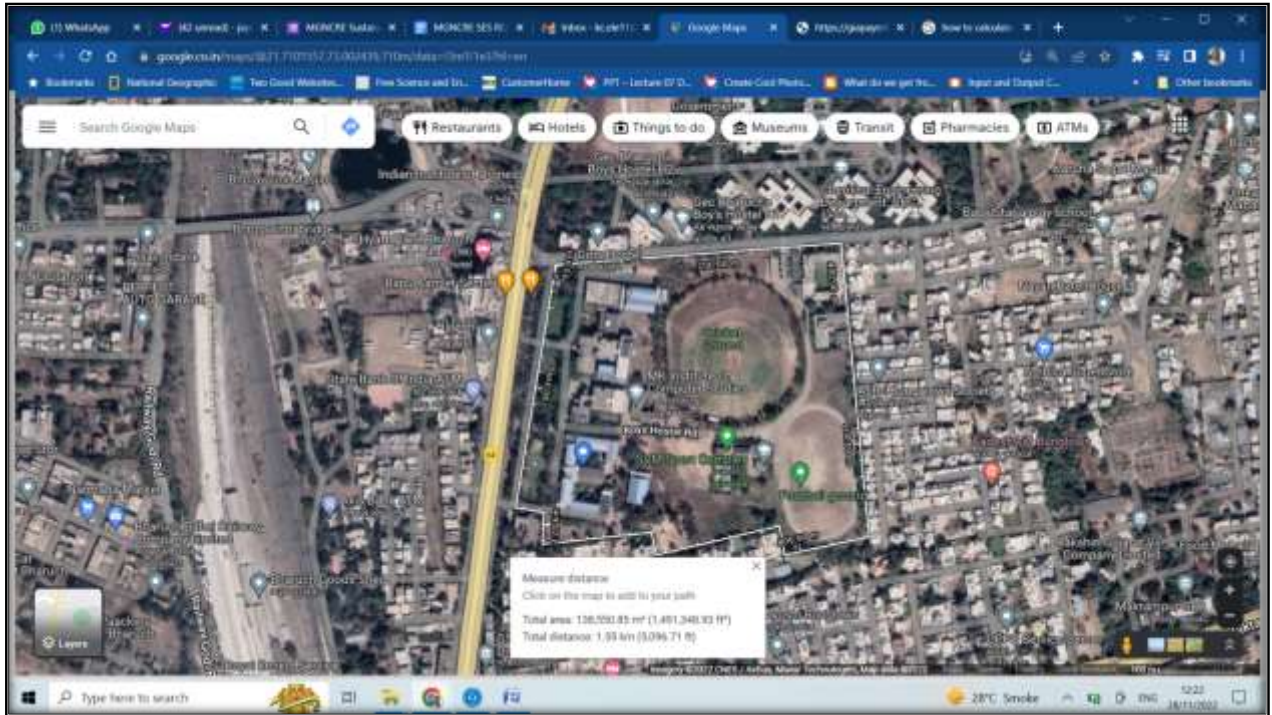
## **G. Taking up awareness initiatives and environment-centric activities.**

- The College through its academic subject, Environmental Studies is devoted to the cause of environmental awareness, undertaking green initiatives, and conducting green literacy programs to save energy and to protect the environment. Students take up various awareness-raising activities and programs.

### **Conclusion:**

The above strategies and procedures of implementation are subject to change in view of the need and demands of time. This policy will be communicated to all the College's students, staff and employees. All the stakeholders are required to abide by the policy to make the college campus green, clean and eco-friendly.

# Satellite Image of College



# Conservation of Green Belt



# Conservation of Green Belt



# Waste management Sanitary Napkin Disposal Machine

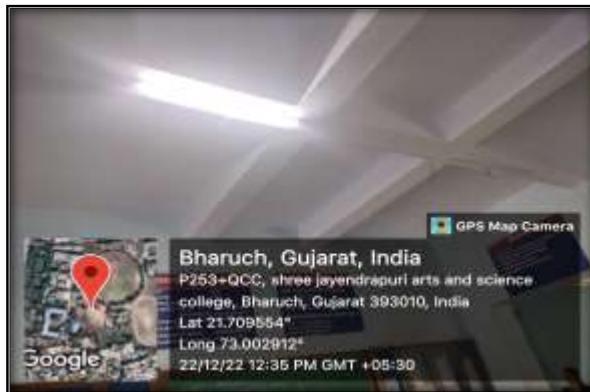


# Waste management

## Solid, Liquid & e-Waste Management



# Energy conservation and management



# Water Conservation and Management



*N.M.P.*  
**(DR. N.M. PATEL)**  
**PRINCIPAL**  
**SHREE JAYENDRAPURI ARTS & SCIENCE COLLEGE - BHARUCH**





# Certificate



***This is to certify that Shree Jayendrapuri Arts and Science College-Bharuch, is now a Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution. The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation and Greenery post COVID- 19, along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources.***

**Date of Issue:**

**26/12/2022**

**Dr. W G Prasanna Kumar  
Chairman**

**Mahatma Gandhi National Council of Rural Education  
Department of Higher Education, Ministry of Education  
Government of India**

**Certificate No.: MoE/SES REC/DL/N/40**