



Ponda Education Society's  
*Ravi S. Naik*  
**COLLEGE OF ARTS & SCIENCE**

P.O.Box No. 3

FARMAGUDI, PONDA - GOA. 403 401

Reaccredited by NAAC with B Grade and a CGPA of 2.77

Ref No.

Date :

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

### **Preamble**

PES's R S N College of Arts and Science is located at Farmagudi, Ponda, Goa alongside of the Goa -Bangalore high way with scenic surroundings of green hillocks. It focuses on understanding of environmental issues and promotion activities, environmental awareness, environmental sensitivity, environment conservation, energy usage & conservation amongst stakeholders, by conducting focussed programmes /campaigns towards ecosystem preservation, environmental protection and energy conservation. Concern about environment and efficiency are part of daily routine in the college. College stake holders are responsible and dedicated to the cause of resource conservation.

This environment and energy policy is binding for all the components of the institution and applies to all its stakeholders and to the various activities undertaken by the institution. It will help to implant efficiency and environmental awareness into everyday activities, thus helping to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

The policy applies to the whole institution - its Stake holders including College students, staff, community and activities.

### **Objectives**

The important policy objectives are:

1. To device and achieve green and sustainable initiatives on the campus and beyond the campus.
2. To supervise, reduce and manage waste of all campus activities
3. To cultivate culture of sustainability awareness and action in the college campus and community and further to provide practical training and knowledge openings.
4. To motivate stakeholders to adopt healthy and friendly practices to conserve/save water and electricity.
5. To introduce paperless operating procedures.
6. To conduct Green audit, Environment audit, Energy audit



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## Policy Guidelines

The college is committed for sustainable environment and its responsibilities towards the same and plans to accomplish the same as below.

### I. Green environment and clean campus:

- Organising environment and energy conservation awareness sensitivity and training programs for the students, faculty, staff and society through Students council, Eco club, Subject associations, NSS, SBSI interns and Extension/outreach programs.
- Undertaking tree plantation drive and saplings nurturing programmes by planting and nurturing fruit/flower bearing and medicinal plants in the campus and outside campus for stepping up of the oxygen level and providing place for avian and insect fauna.
- Landscaping and gardens
- Organising cleanliness drives in campus and surrounding villages
- Organising awareness, practical trainings for campus stake holders and community about segregation of wastes as solid and wet, Bio-degradable and non-degradable and practising the same in the campus.
- Establishing Vermi Compost pit to maintain waste management.
- Availability of dust bins in campus, classrooms, laboratories, Library, canteen common rooms.
- Setting up of bio composting units in the campus
- Setting up of sanitary disposal machines for eco-friendly disposal.
- Creating awareness among students, stakeholder and community about global environmental issues and greenhouse effect through guest lectures, talks, seminars, webinars and motivate them to adopt nature oriented lifestyle

### II. Water conservation and management

- Installation of Rain water harvesting mechanism in the campus.
- Maintenance of open well and bore well and distribution of the water to all buildings through underground and overhead storage tanks and pipelines with proper maintenance.
- Providing water filters/ purifiers with hot/ cold drinking water facilities in the campus.





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**III. Restricted use of automobiles**

- Restricted automobile entry inside the campus to reduce local air pollution emission and promote use of pedestrian-friendly roads.
- Encouraging staff and students to use environment-friendly vehicles, including bicycles Battery operated vehicles, public transportation and carpooling

**IV. Alternative source of energy and conservation of energy**

- Installation of photovoltaic solar panels for the generation of alternate energy and solar lamps
- Promotion of 'save energy guidelines' in and outside the campus -
  - i. Activate power management features on computer and monitor so that it will go into a low power "sleep" mode when you are not working on it. Whenever possible, shut down rather than logging off. Activate power management features of printer.
  - ii. Turning off unnecessary lights and use daylight instead.
  - iii. Using fans, TV, ACs, printers, faxes, and chargers etc only when they are needed.
  - iv. Shifting from traditional filament bulbs/ tube lights to LED bulbs/ tub lights
  - v. Procuring electrical appliances such as ceiling fans, TVs, ACs, Refrigerators, etc. of higher star ratings.
  - vi. Changing CRT monitors to LED type
  - vii. Providing information and training opportunities on energy saving measures.

**V. Minimize the Usage of Paper**

- Encouraging Digital storage of documents
- Use of E-mails, WhatsApp for communication among the staff and students rather than paper communication. Formation of WhatsApp- class wise groups/ course wise groups/ department wise groups of students, WhatsApp groups of Teaching staff, Non teaching staff, committees for reducing usage of papers in notice and circulars.
- Storing syllabus, class notes, study material and sharing the same on e-platform to avoid massive usage of paper

**VI. Ban on Single Use plastics on the campus**

- As per the MHRD and UGC guidelines to education institutions, college has issued a notification to students and stakeholders regarding ban on the use of single use plastics on the campus.



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- Conducting of Awareness drives / programmes through talks, lectures, seminars street plays, skits, mimes by students council, Nature club, Eco club, Subject associations , NSS, SBSI interns and Extension/outreach programs., for the students, faculty ,staff and society
- Encouraging Students/ staff and canteen contractor to make use of paper bags, straws, plates cups.

**VII. E-waste management, collection and disposal**

- Taking lead to collect e-waste from college, college stake holders and community surrounding the college and handing over to scrap dealers free of cost
- Time to time maintenance and repairs of the PCs and UPS
- Encouraging refilling of cartridges of printers.

**VIII. Conducting Seminars, Conferences, workshops, short term courses, talks, demonstrations on environment and energy usage related themes/ topics.**

**IX. All stakeholders are required to abide by the policy to make and keep college campus green, clean, eco-friendly and energy conserving.**

The Environment and Energy Policy, objectives and targets will be reviewed on a regular basis.

Date:28/05/2020

Place: Farmagudi

*Borkar*  
IQAC Co-ordinator  
(Dr. Sunita Borkar)

*Chenker*  
Principal