

POMPEI COLLEGE AIKALA

Mangaluru-574141

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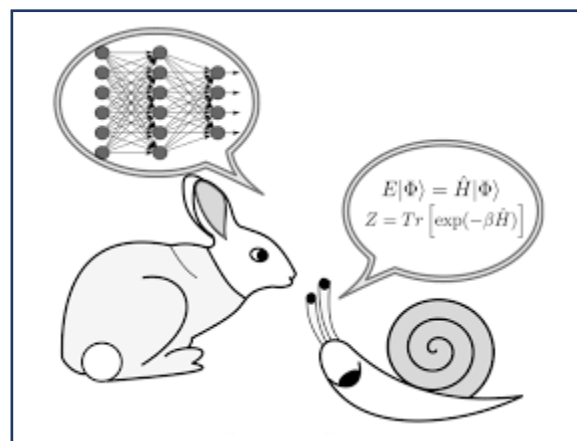
Affiliated to Mangalore University

Reaccredited by NAAC with 'A' Grade



The Green Campus, Energy and Environment

2020-21



"Come forth into the light of things,
Let Nature be your teacher."

— William Wordsworth

POMPEI COLLEGE AIKALA

Aikala Post, Mangalore, Karnataka – 574 141

Re-Accredited by NAAC with 'A' Grade (CGPA 3.31) in 3rd Cycle

Affiliated to Mangalore University

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Policy Document for the Green Campus, Energy and Environment

Preamble

Pompei College Aikala during the course of its existence for more than four decades has initiated various sustainable initiatives in maintaining the pristine nature that encompass the surrounding of the College. The College makes a concerted effort to ingrain an idea among its student and staff through different programmes that our endurance in maintaining a clean surrounding for their life of today and tomorrow. The cleanliness drive programme always has been the core of all the activities of the college. Pompei College is situated between latitude 13° 07' 31.98" N & 74° 86' 10.98" E with an altitude of 120 m. MSL in Aikala village about 35 Km from Mangaluru, Dakshina Kannada district of Karnataka. The campus is situated on a laterite terrain with an area of 8.0 acres with majority of the terrain is made of a laterite plateau with a good surface run off. The college has a green campus with garden and botanical plants that have grown in a huge area which is left in its natural form and acts as a natural habitat for biodiversity and a large variety of species of grasses, herbs, shrubs and trees. That it is certified by the experts of Botany Division of Pilikula Development Authority, Mangaluru, that a total of 135 plant species have been recorded from the College Campus after conducting the Floristic survey of the College Campus. It includes 40 species of trees, 21 species of shrubs, 16 species of climbers, 32 species of herbs

and 21 species of ornamental plants. Campus Development Committee oversees the waste management in the campus and takes initiative for Clean and Green Campus.

Tree planting and maintain the saplings is given due importance in the college campus. Vanamahostava is celebrated by N.S.S, NC.C every year. NGOs also join hands with the institution in our initiatives of establishing green campus. Campus cleaning is given priority in the regular N.S.S activities and various other associations of the college.

The institution has developed mechanism for the waste management in the college campus. Dustbins and waste bins are placed at prominent places. Separate bins are kept for degradable and non- degradable wastes. Memorandum of understanding is established with the local Gram Panchayath for the effective disposal of the non- degradable waste.

Institution has made provisions for the rain water harvesting. To percolate the rainwater through rain water harvesting pits, the college maintains rain water harvesting pits which not only recharges the open well - used by the College as well as the inmates of the Staff Quarters but also recharges the water sources benefiting the houses residing in the lower level of the campus. The rain water pits are maintained by the National Service Scheme. Campus has solar panel that provides solar power to illuminate the NCC parade ground.

Objectives of the Policy

- ❁ To sensitize the students to the environment issues and minimize the use of polluting products.
- ❁ To protect and conserve ecological systems and resources within the campus.
- ❁ To meet the needs and aspirations of the present and future generations by ensuring judicious use of environmental resources.
- ❁ To integrate environmental concerns into policies, plans and programmes for social development and outreach activities.

- ❖ To foster collective responsibility among students in establishing clean and green campus.
- ❖ To efficiently use of all resources, including energy and water.
- ❖ To make the campus plastic free.
- ❖ To work with Gram Panchayaths, local clubs and associations to raise awareness on maintaining clean environs and the reduction of any adverse effects on the environment.
- ❖ To continuously contribute to climate protection by planting and maintaining the saplings.
- ❖ To conduct green and energy audits from time to time.
- ❖ To minimize the use of paper in administration through having policy for E-governance.

The Focus Areas of the Policy for Green Campus Initiative

🏠 Clean Campus Initiatives 🏠 Landscaping Initiatives 🏠 Clean Air Initiatives 🏠
 Installation of Solar Power 🏠 Installation of Energy Efficiency Equipment 🏠 Water
 Conservation through Rainwater Harvesting System 🏠 Waste Management processes 🏠
 Solid Waste Management 🏠 Liquid Waste Management 🏠 E-Waste Management 🏠
 Awareness Initiatives 🏠 Environment-centric Extension Activities 🏠 Green Audit 🏠
 Energy Audit 🏠 Plastic-Free Campus

Swachh Bharat Abhiyan and CleanCampus Initiatives

Pompei College Aikala actively coordinates cleanliness activities in the college and beyond the campus in accordance with the vision of Swachh Bharat Abhiyan to achieve the following aims:

- ✿ Generate mass awareness on cleanliness and hygiene amongst students, staff members and general public by holding regular cleanliness drives.
- ✿ Activities under 'Swachh Bharat Abhiyan' will be a key component of all the extension related activities by NSS, NCC and Green Society volunteers of the college.
- ✿ Staff Members are to be encouraged to participate in the cleanliness drive in the college campus.
- ✿ Various Events such as poster and slogan competitions, essay writing, speeches, skits on 'Swachh Bharat' are to be organised.
- ✿ Rallies on themes connected with 'Swachh Bharat Abhiyan' in and around the college campus shall be conducted to create mass awareness.
- ✿ Removal of all kinds of waste material like broken furniture, unusable equipment etc shall be taken up.
- ✿ Administer of the pledge by students and staff members to maintain cleanliness of the college campus and its surrounding areas on an annual basis.

Green Campus Initiatives

Solid Waste Management

- ✿ Separate Bins are kept in the college campus for collecting bio-degradable and non-bio-degradable wastes.
- ✿ Non- bio-degradable wastes like plastic items, metals, glasses are given to scrap for recycling.
- ✿ Biodegradable materials such as waste from garden, canteen, dry leaves and other wet wastes were collected to be converted into manure in Bio-bin to use as organic

fertilizer for the garden.

- ❖ A memorandum of understanding was signed between Aikala Grama Panchayat and the institution for the disposal of Non-degradable waste.
- ❖ To manage sanitary napkins, incinerator is installed in Ladies rest room.
- ❖ Waste bins are maintained at different points of the building that include departments, classrooms, corridors and other prominent places for the efficient collection and disposal of wastes.

Liquid Waste Management

- ❖ Liquid waste is properly managed in the college campus.
- ❖ Proper arrangements have been made for the disposal of waste water generated at college canteen, restrooms, departments and other places and is directed to the coconut plants and garden.
- ❖ Proper waste water management facilitates in upkeeping the garden and avoids the water- borne diseases in the campus.
- ❖ Separate pipeline directs washroom waste to septic tank.

E- waste management

- ❖ E- Wastes include discarded computers, accessories, keyboards, printers, wires, old batteries, chargers and other electronic devices which cannot be reused is being disposed-off by segregating.
- ❖ E- Waste is collected and stored systematically in a separate room.
- ❖ A contract deal is to be operationalized to dispose e-waste.

Hazardous waste management

- ✘ Hazardous wastes like UPS battery, burnt bulbs and tubes, used paint tins, expired medicines from the first aid kits etc. are collected with caution in a separate room to be disposed.

The Paperless Office Drive

- ✘ Encourages the use of minimum paper to move towards paperless office.
- ✘ The College office in due course of time shall considerably lessen the consumption of paper on the campus through issuance of online application for admission, examinations and marks card
- ✘ e-brochures and invites for various events organized by the college.
- ✘ The library shall completely be digitalized its operations by encouraging the usage of e- resources to save paper.

Green Practices in the Examination

In the examination practice of the College, a few green practices have been adopted.

- ✘ The number of sheets in the answer booklet has been reduced, old answer scripts are sent for recycling through a scrap dealer who collects the answer scripts annually.
- ✘ Only paper covers and cloth bags are used for examination purposes.
- ✘ The practice of sending notices through online platforms is strengthening our drive of lessening the use of paper.
- ✘ Question papers shall be sent in an electronic format through email to the office to lessen the and lesson plans are sent via email to lessen the use of paper.
- ✘ Information relating to examinations shall be circulated through email and College WhatsApp Group.

Cleanliness Drive

- ✘ The students to take up regular cleanliness drive on the campus, surrounding villages and Kinnigoli town cleaning.
- ✘ Students to take part in Swatch Bharat Abhiyan to clean their surroundings.
- ✘ Various Cells and associations of the College to Conduct different Programme to achieve the initiative of the Green Campus.
- ✘ Different Clubs and associations of the vicinity join hands with the College in the Green Campus initiatives of the College.

The Plastic-Free Campus Drive

- ✘ Use of plastics is banned in the college campus
- ✘ Bans the use of plastic cups and other plastic utensils in the campus.
- ✘ Slogans are displayed to inculcate environmental consciousness.
- ✘ Board displaying 'Say No to Plastics' is placed at the entrance of the institution.

The Energy Saving Drive

To conserve the energy:

- ✘ College has installed LED bulbs
- ✘ Solar power panel has been installed
- ✘ Students are instructed to put off lights and fans when not in use

Actions to be Carried on through Green Campus Initiative

- ✘ Conduct Green Audit to evaluate its practices and thereby consciously adopt different

green practice to achieve sustainable developed College Campus through a number of green practices.

- ✿ The College shall discourage the use of paper and encourages maintaining of soft copy of the documents.
- ✿ Stop bringing and use of plastic carry bags and other daily consumable plastic items are discouraged
- ✿ Conduct different programmes through different organizations to clear solid waste from the campus to be segregated and managed properly.
- ✿ The Principal shall make regular reminders during the weekly assembly to keep the campus clean and not to use plastic.
- ✿ Class advisors shall take initiatives to instill the value of cleanliness among the students by encouraging them to keep their classrooms and vicinity clean
- ✿ To create awareness and to encourage the usage of public transport by students and staff, Principal shall make announcement during the weekly assembly the benefit of use of public transport.

The Green Campus, Energy and Environment Policies would give a greater push and a purpose the co-curricular and extracurricular practices that are being carried on to encourage students to take the lead in creating positive change. These initiatives will make the institution have a thorough review of all infrastructural, administrative functions from the standpoints of energy efficiency, sustainability and the environment.



May be considered the following aspect

The composition of the Green Campus initiative

- Chairman – Principal
- Convener and members of Campus Development Committee
- NSS Officer
- NCC Officer
- Physical Education Director
- Convener and Members of Eco Club