



Konkan Education Society's
**Dr. C. D. Deshmukh Commerce and
Sau. K. G. Tamhane Arts College**

At Pingalsai, Opp. Roha Railway Stn. Roha, Dist. Raigad – 402109

Website: www.cdicroha.edu.in E-mail: cdcc2007@gmail.com Contact: 02194232448



**1. POLICY DOCUMENT ON ALTERNATE SOURCES OF
ENERGY AND ENERGY CONSERVATION MEASURES**



A-
Principal
K.E.S. Dr.C.D.Deshmukh
Comm. & Sau. K.G.T. Arts
College, Roha - Raigad.

Konkan Education Society's Dr. C. D. Deshmukh Commerce and Sau. K. G. Tamhane Arts College Roha -Raigad is committed to manage energy in such a systematic way so as to minimize its impact on the environment. This document implies to explore the renewable energy resources to reduce the burden on our environment in order to reduce the energy crisis.

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 us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

The important policy objectives are as follows:

1. To install and use LED bulbs and tube-lights in the college campus to save energy
2. To invest in power efficient equipment's.
3. To create awareness in the local community about efficient energy usage, environment protection and sustainable development.
4. Use of natural lighting and ventilation is encouraged as and when possible.
5. To ensure the availability of necessary resources to achieve our objective.

Provision of LED Bulbs and Tube:

100% LED bulbs and Tube Lights are used in offices, library and Classrooms on the College Campus to save energy.



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**2. POLICY DOCUMENT ON MANAGEMENT OF THE VARIOUS
TYPES OFF DEGRADABLE AND NON- BIODEGRADABLE WASTES**



A-
Principal
K.E.S. Dr.C.D.Deshmukh
Comm. & Sau. K.G.T. Arts
College, Roha - Raigad.

Konkan Education Society's Dr. C. D. Deshmukh Commerce and Sau. K. G. Tamhane Arts College Roha -Raigad is committed to manage wastes in such a systematic way so as to minimize its impact on the environment. This document implies to explore various waste management methods to reduce the burden on our environment in order.

The important policy objectives are as follows:

1. To practice 3 R's - reduce, reuse, and recycle wherever possible.
2. To create awareness for reduction of waste production on campus.
3. To implements eco-friendly practices in daily activities and programmes.
4. To ban the use of plastic-bags at campus; instead use the bags made out of cloth or some eco-friendly material.
5. Reduce the usage of paper
6. To develop systematic waste management mechanism.

Efforts for Solid waste management: -

Provision of the separate dustbins (Dry Waste and Wet Waste) has been made for collection of Solid waste at all departments, Administrative Office, floor corridors and College Canteen. The waste on the campus is disposed of in an eco-friendly manner without polluting the environment. Dry waste is collected regularly with the help of the non-teaching staff of the college. The Solid waste management is classified as degradable & non-degradable. The solid waste, not useful for composting, is disposed off daily to the garbage carriers of the Grampanchayat. There is a provision of compost fertilizer pits which generate Compost fertilizer (Biofertilizer) for the Campus.

Efforts for Hazardous Waste Management: -

Hazardous wastes are not generated on campus.

Efforts for E-Waste Management: -

The outdated computers are sent for recycling through private agencies by following the proper right-off procedure. The life of electronic equipment is extended by appropriate upkeep and minor repairs carried out by outsourced and reused in the campus itself.

Efforts for Liquid waste management: -

Liquid waste from washrooms and laboratories is discharged in a proper drainage system that is setup and absorption pit have been provided behind science laboratories for liquid waste management -wastewater and waste chemicals. A worker has been appointed for cleaning the washrooms.

Efforts for Biomedical Waste Management: -

Biomedical wastes are not generated on campus.



A—
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3. POLICY DOCUMENT ON WATER CONSERVATION



A—
Principal
K.E.S. Dr. C. D. Deshmukh
Comm. & Sau. K. G. T. Arts
College, Roha - Raigad.

Konkan Education Society's Dr. C. D. Deshmukh Commerce and Sau. K. G. Tamhane Arts College Roha -Raigad is committed to manage all the water related field activities. Water is the fundamental requirement of life. A water management policy is required to assure the quality of water distributed from the unique sources of water conservation system. The planning and execution of water resources development have by and large been carried out. Water conservation is an integral part of ensuring an adequate water supply across the campus, now and into the future. It is the least expensive strategy for meeting of our needs and should be the first choice for communities to protect their local water resources.

The important policy objectives are as follows:

1. To promote effective water management by recycling of drainage and rain water harvesting.
2. To protect environment towards climatic changes and conservation of resources for drinking water.
3. To promote sound environmental management policies and practices throughout the campus.
4. To expand green cover on the college campus
5. To reduce pollution, reduce resources consumption and eliminate wastes and conserve natural resources.
6. To create interest among the students in horticulture and gardening.
7. To maintain energy, green and environment audit related issues.

Water conservation facilities available in the Institute

1. Rain Water harvesting: -

In rainy season the roof rain water is collected by the pipelines and charged in to the bore well system located at the college campus. The harvested water is used for gardening. The rain water is directly collected in a tank and store and utilized as distilled water for open ground and plants.

2. Maintenance of water bodies and distribution systems in the campus-

The water from overhead tank is distributed to all taps across the campus. The maintenance of plumbing system is outsourced. Whenever the problems are identified immediate actions are taken for restrict wastage of water. Then plumbers are outsourced to fix the problem.

3. Waste water recycling-

Waste water is utilized for maintaining College Garden.

4. Construction of Water tank-

There are separate water tanks for water storage. During rainy season the rain water is collected.



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4. POLICY DOCUMENT ON THE GREEN CAMPUS



A—
Principal
K.E.S. Dr.C.D.Deshmukh
Comm. & Sau. K.G.T. Arts
College, Roha - Raigad.

Konkan Education Society's Dr. C. D. Deshmukh Commerce and Sau. K. G. Tamhane Arts College Roha -Raigad is situated in a hilly area and enriched with an eco- friendly campus. The building of the college has a sufficient number of windows and verandas exposing them to natural light and airflow. The importance and essentiality of green cover are preserved in the mission of the college and tree plantation is encouraged to maintain the clean purity and beauty of the college to provide a congenial atmosphere for the various academic pursuits. The main objectives of the green campus of the college are as follows.

Objectives:

1. To bolster green cover on the college campus.
2. To minimize pollution, reduce resources consumption and eliminate wastes and conserve natural resources.
3. To create interest among the students in horticulture and gardening.
4. To encourage students for parking the four/two-wheelers inside parking of the college.
4. To motivate disabled students to use the pedestrian-friendly and paver block student-friendly pathway.
5. To maintain energy, green and environment audit related issues.

The college has taken efforts to make the green campus and eco-friendly in the following terms:

Energy Conservation Initiatives:

The initiatives taken by the college for energy conservation are as follows:

1. Carried out Energy Audit of the college campus.
2. Conventional fluorescent lights are replaced with LED lights in classrooms.
3. Auditoriums, administrative offices, and campus street lights to conserve energy.
4. Staff and students of the college are made aware of energy conservation through orientation and encouraged to develop the habit of putting off switches of the devices not in use or avoiding unnecessary use of the electronic/electrical devices.
5. All the classrooms and library are exposed to adequate ventilation and natural lights so they do not require artificial lighting during the daytime. The students and staff are made aware of this which resulted in their active involvement energy conservation by necessary or minimum use of electricity.
6. Save Electricity display stickers on switchboards and major electricity supply points to aware the user of energy conservation. The staff and students are habituated with switching off lights, fans, computers, etc. when not in use.

Use of renewable energy initiatives:



The College has Power Generator.

Water harvesting initiatives:

1. As the college is situated in a hilly area, it has a natural landscape very to watershed management.
2. There is a provision made at the building to recharge the underground water level of bore wells. Water pipes and taps are regularly checked and repaired/replaced to avoid leakage and waste of water.
3. Rainwater is collected and used in gardens.

Efforts for carbon neutrality initiatives:

1. Planting trees is one of the ways of offsetting carbon. The college has arranged Tree plantation activity on a regular basis during the last five years. The plants and trees absorb carbon dioxide, thus contributing towards carbon neutrality.
2. The college celebrates a 'No Vehicle Day'.
3. The College has developed organic manures/composite pits at campus. Biodegradation of litter is done in such pits and used as manure to the botanical garden and the trees nurtured on the campus.
4. Staff and Students are provided with separate parking zones to park their respective vehicles. Movement by vehicles inside the campus is strictly banned which helps to control sound and air pollution.

Plantation Initiatives:

1. The college conducted Tree Plantation Drives on and off the college campus with the help of its staff, NSS volunteers, and DLLE students.
2. The college arranged Tree Plantation rally to spread awareness among the students and Villagers about their responsibilities towards the eco-system and its conservation.
3. All the students were motivated to plant trees at their respective destination and take care of the same. It is a matter of pride that the majority of the students gave a positive response to the appeal made by the college and planted trees in the locality



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5. DISABLED- FRIENDLY, BARRIER FREE ENVIRONMENT:

POLICY FOR PERSONS WITH DISABILITIES:



A—

Principal
K.E.S. Dr.C.D.Deshmukh
Comm. & Sau. K.G.T. Arts
College, Roha - Raigad.

Right of Persons with Disabilities Act, 2016 prohibits discrimination against individuals with physical and mental disabilities. Konkani Education Society's Dr. C. D. Deshmukh Commerce and Sai. K. G. Tamhane Arts College Roha -Raigad is against all kinds of discrimination on any grounds including disability. Our college aims for an all-inclusive teaching and learning environment in which incapacitated students and employees are not distraught or treated unfavourable. The College aims to design its programs, administrations, and activities accessible to the students. All the authorities of the College are determined to extend a helping hand towards the differently abled to make sure benefits in administrations and activities. These guidelines apply to all the College students, faculty, and staff.

OBJECTIVES OF THE POLICY:

1. To create a suitable regulatory mechanism for effective delivery of services to Disabled Students and Staff of the College.
2. To provide accessible and inclusive education on the College campus.
3. To ensure full participation of persons with disabilities and to provide them the equal development opportunities

DISABILITY:

Disability is a term that includes motor and sensory limitations (eg, mobility, vision, or hearing impairments). It also includes disabilities resulting from chronic illnesses and syndrome, invisible disabilities, such as psychological and emotional disorders, learning disabilities, heart disease, diabetes, asthma, arthritis, epilepsy, Acquired Brain Injuries (AB), and Acquired Immune Deficiency Syndrome (AIDS) are also included in the term disability. Many disabilities vary in degree and type of limitation; therefore, accommodations must also vary and should be tailored to the needs of the individual.

QUALIFIED PERSON WITH DISABILITY:

It includes a person with limitations in mobility, vision, and hearing impairments and he/she can perform the essential functions of the job. However, relaxations shall be allowed as per the government rules.

SUPPORTS FOR PERSONS WITH DISABILITIES:

The college is committed to cater to the diverse needs of physically disabled students. It ensures that the infrastructure facilities meet the requirements of such students in the following ways:



1. Physically challenged students are provided with a separate seating arrangement in their classrooms and the reference room of the library on its ground floor.
2. They are provided with a separate seating arrangement, a 'writer', and extra time of 30 minutes during the examination as per the directive of affiliating University and the percentage of disabilities certificate provided by the health officer.
2. They are provided with a separate toilet facility on its ground floor.
3. A Free Book Bank facility is provided.
4. The faculty and non-teaching staff fully co-operate with such students.
5. The admission policy of the College offers reservations as per the guidelines given by the government of Maharashtra State for persons with disabilities in all the courses offered by the College.
6. To ensure the availability of necessary resources to achieve our objectives.



A—
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