



Vidarbha Youth Welfare Society's  
Bar.Ramrao Deshmukh Arts, Smt. Indiraji Kapadiya Commerce and  
Ny. Krushnarao Deshmukh Science College, Badnera Distt. Amravati (Maharashtra) 444 701  
(Accredited by NAAC with B<sup>++</sup> grade)  
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Secretary

Dr. R.D. Deshmukh  
Principal

Ref.No. 614/23-24

Date: 14/03/2024

## DVV Clarification For

7.1.2 The Institution has facilities and initiatives for 1. Alternate sources of energy and energy conservation measures 2. Management of the various types of degradable and nondegradable waste 3. Water conservation 4. Green campus initiatives 5. Disabled-friendly, barrier free environment.

### Document: 2

7.1.2. (A) Policy document on the green campus/plastic free campus.



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## DECLARATION

This is to declare that the information, photos, reports, true copies, numerical data, etc. furnished in this file as supporting documents is verified by IQAC and found correct.

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PRINCIPAL  
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**Vidarbha Youth Welfare Society, Amravati**  
**Bar. Ramrao Deshmukh Arts, Smt. Indiraji Kapadiya Commerce and Ny.**  
**Krushnarao Deshmukh Science College,**  
**Badnera Dist. Amravati (M.S) 444701**



## **SUPPORTING DOCUMENTS**

**Vidarbha Youth Welfare Society, Amravati**  
**Bar. Ramrao Deshmukh Arts, Smt. Indiraji Kapadiya Commerce and Ny.**  
**Krushnarao Deshmukh Science College,**  
**Badnera Dist. Amravati (M.S) 444701**

**Metric No. 7.1.2 (A)**

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# Policy Document On Environment And Energy

## Objectives:

- To sensitize all stakeholders towards a Clean, Green, and Sustainable Environment
- To help the students/Faculty understand everyone's responsibility to take an initiative to save the environment.
- To work with all stakeholders and the local community to adopt environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.

## POLICY DOCUMENT ON ENVIRONMENT AND ENERGY

### Policy:

**Awareness:** The college shall strive to create awareness on Environmental conservation among students, faculty, administrative and supportive staff and work towards sustainable development.

**Eco-education:** Environmental studies focusing on environmental concepts and issues will be integrated into to all academic, curricular, and extracurricular activities and programs of the College.

**Green Initiatives:** The college will work towards conserving and protecting natural resources for the future generation and will adopt green initiatives and sustainable measures for a clean and green campus. Activities to instill a sense of responsibility on environmental preservation will be promoted.

**Pollution Management:** Towards reducing pollution, steps will be taken to minimize emissions from automobiles. Authorities shall take suitable steps for a Smoke-free and Tobacco-free campus. The relevant placards will be displayed to highlight the need for a clean, green, and sustainable environment.



**Outreach Programmes:** The college will take up initiatives through its extension activities to reach the society through campaigns, workshops, and awareness drives on pertinent environmental issues.

**Energy saving:** Graded efforts will be taken to replace out dated and energy consuming equipment with Energy efficient equipment /LED bulbs, Sensor based energy conservation measures shall be adopted. All stakeholders shall Avoid using electric lights in classrooms and halls where there is sufficient natural light.

**Renewable Energy:** To ensure energy security and conserve Nation's natural resources, the use of renewable energy through installation of solar power panels to augment the energy needs of the college will be implemented soon in upcoming year.

**Waste Management:** Segregation of solid wastes in different colour coded bins will be ensured across the campus, Solid waste management of organic matter through vermicomposting will be sustained.

**Ban On Single Use Plastic:** Institute shall ban single use plastic altogether to minimise plastic pollution in the campus. All stakeholders will be advised to use jute or cloth products for various purposes.

**Water management:** The college shall take steps towards replenishing the groundwater by rainwater harvesting systems, borewell recharge system, trenches, ponds/bunds, judicious use of water resources and proper maintenance of water distribution system will be implement.

**Quality audits on environment and energy:** Energy Audit, Green Audit & Environment Audit to be conducted to assess and analyse the environmental impact. The analysis will be utilized to implement energy saving measures and upgrade the environmental condition in the campus. This policy will be communicated to the students and employees via internal communication channels, and will be made available to all the stakeholders on the institutional website. The Environment and Energy Policy, objectives and targets will be reviewed on a regular basis by the Green Campus Committee and its members under the guidance of the Principal of the college.



  
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## Policy Document On Green Campus Initiatives

### Objectives:

- To protect and conserve ecological systems and resources within the campus.
- To bring awareness among the students/Faculty about the hazards spoiling the environment.
- To help the students/Faculty understand each individual's responsibility to take an initiative to save the environment.
- To work with all stakeholders and the local community to adopt environmental good practice and the reduction of any adverse effects on the environment.
- To continuously improve the efficient use of all resources, including energy and water, and to reduce consumption and the amount of waste produced, recovering and recycling waste where possible.
- To ensure judicious use of environmental resources to meet the needs and aspirations of the present and future generations.

### Green Campus Committee:

To fulfil these objectives Bar. RDIK& NKD College, Badnera, Rly. therefore has constituted Green Campus Committee

- 1) Principal of the College: Chairperson
- 2) IQAC Coordinator: Secretary
- 3) Faculty Representative: Nominated by the Principal
- 4) Faculty from Botany: Nominated by the Principal
- 5) Student Representative: Nominated by Principal
- 6) Non-Teaching Staff Representative: :Office Superintendent
- 7) Industry Representative: Member of Alumni Association

### Role and Responsibilities:

- The institutional Green Campus Committee shall perform the role of overall planning, executing and monitoring of the eco-friendly initiatives of the institution.



- Promote environmental consciousness and sustainability among stake holders and the neighbourhood community.
- Identification and implementation of alternative sources of energy and energy conservation measures.
- Implementation of effective waste management mechanisms to minimize pollution.
- Identification and implementation of water conservation measures.
- Undertake and monitor green initiatives in the campus.
- Review and implement the suggestions arising out of Green Audit.
- Institution Green Campus Initiatives. The Institute shall make all the necessary efforts to involve the students, faculty and staff in "Green Campus Initiatives" through NSS. Cleanliness drive and Various activities are conducted by college departments for solid waste management and by NSS.

**1) Wastewater Management/ Rainwater Harvesting:**

- Repair sources of water leakage, such as dripping taps as quickly as possible.
- Installation of appliances which reduce water consumption.
- Implementation of rain water harvesting.
- Well recharge system

**2) Energy Conservation Measures:**

- Activate power management features on your computer and monitor so that it will go into a low power "sleep" mode when you are not working on it.
- Turn off your monitor when you leave your Table.
- Activate power management features on your laser printer.
- Whenever possible, shut down rather than logging off.
- Turn off unnecessary lights and use daylight instead.
- Avoid the use of decorative lighting.
- Use LED
- Keep lights off in conference rooms, classrooms, lecture halls when they are not in use.
- Use the fans only when they are needed

**3) Waste Management:**





- Segregation of waste into dry and wet waste from the separately allotted dustbins is done in strategic locations, thus maintaining the Campus clean and Eco- friendly. Segregated bio degradable and non-degradable waste handed over to Municipal Corporation Amravati.
- Chemical liquid waste generated in the lab is collected in separate soak pits which are located aloof from the water bodies.
- Reduce the practice of burning plastic and other materials that emit harmful gas on burning is prevented in the campus.
- Segregated organic waste is used to prepare compost for in-house Vermicompost project in Botanical garden. The waste recycling management is carried through vermicomposting. The farmyard manure (FYM) is used as the starting material to be digested by the earthworms. Along with FYM, the leaf litter from college campus is used. This aids in managing the biodegradable waste and is an ecofriendly practice. The vermicompost thus produced is enriched with nutrients, growth enhancers and beneficial microorganisms. It acts as a soil conditioner. The compost thus produced is free from any adulteration. This compost is used for the college garden. The surplus quantity is also distributed among the college staff and its awareness and importance is spreaded to the farmers through free advertising in the village nearby.
- Papers that have been used for printing on one side shall be used rough paper work.
- Maximize use of paperless technology i.e., sharing of data /Lecture notes on google class- room, e-mail etc.

**4) Landscaping with trees and plants:**

- Plantation more trees within and outside the campus as a part of Go Green Campaign.
- Medication plants and trees have been planted to clean the atmosphere.

**5) Restricted entry of vehicles/ Use of Bicycle/ battery powered vehicles:**

- Restricted entry of automobiles prompting the use of bicycles and electric vehicles for students.
- The students shall be encouraged to avail Bus Pass facility of Maharashtra State Road Transport Corporation.

**5) Plastic Ban Policy:**

- Ban on use of single use plastic in college campus and in all important meetings of the college.



- Mandate faculty, non- teaching staff and students to avoid the use of plastic water bottles and to increase the use of alternate solutions like use of paper folders, cloth/jute bags, and jute files instead of plastic make items.
- Distribution of cotton bags on various occasion as a measure of plastic ban policy.

**Major Green Campus Initiatives:**

- Wastewater Management/ Rainwater harvesting.
- Use of Micro-scale techniques
- Displayed poster on Save Energy Tips
- Maintenance of water bodies and distribution system in the campus
- Single Use Plastic Free Campus
- Tree Plantation Drive & Cleanliness Drive
- Landscaping and gardens
- Use of LEDs only
- Digital Library/ E-Learning Centre
- Organization of sensitization programmes for the stakeholders
- Green, Environment and Energy Audit conducted.
- Installation of Solar Power Station



*(Handwritten Signature)*

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# Policy Document

## On Water Conservation

### OBJECTIVES:

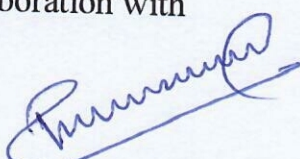
- To increase recharge of groundwater by capturing and storing rainwater, by rain water harvesting from rooftop and run-offs.
- To store the water for gardening & washing purpose.
- To ensure continuous water supply to all sections and departments in college campus.
- To recharge well system in monsoon season.
- To Reduce wastage of water
- Soak pits to treat effluents from laboratories.
- Cleanliness drive to prevent water runoffs and clogging of waste material into nearby water sources.

### FACILITIES:

• Rain water harvesting from rooftop run-offs. The college has installed 'Rain Water Harvesting' system, wherein the rain water from the terrace is collected and through pipes it is transported to underground water storage. Rain water harvesting system is actively working that leads to the recharging of ground water. As there are so many trees in the college campus in the autumn season there is leaf flushing but we don't throw leaves out of tree carry. We carry out mulching method to conserve water in the soil. Mulching is a method of using cut leaves, straw, leaf, litter etc. to cover the bare soil. As the soil is covered with dry leaves water does not get evaporated and it gets saved in the soil.

- Well-developed bore well recharge system
- Low pressure & sensor-based water tabs in some areas of campus
- Water distribution system in the Campus
- Soak pits to treat effluents from laboratories.
- Soak pits in nearby villages made by N.S.S. volunteers in collaboration with villages.



  
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# Policy Document On Divyangjan Friendly, Barrier Free Environment

## Objectives:

- To ensure that students with disabilities get equal opportunities to explore their educational potentials.
- To provide a nurturing and motivating environment for students with learning disabilities to accommodate their pedagogic needs.
- To eradicate any kind of stigmatization and segregation so that they can become confident individuals.
- The infrastructural facilities at our Institute are Divyangjan friendly to make the learning environment more convenient for the differently abled students.

## Institution Facilities:

- Wide entrances for easy and proximate entry and exit.
- Ramp facility is available on the campus & women's hostel.
- Physical facility like wheelchairs is available for physically challenged persons.
- Reserved Parking facility for Divyangjan.

## Institution Facilities:

- Reception Counter in the Administrative Office to provide all the necessary information.
- Signposts, on all prominent places.
- Washroom's facility which is differently abled friendly.
- Provision for Scribes for differently-abled persons during examinations.
- Grant of additional time to answer the examination.
- Provision for accessible rooms or special / convenient seating arrangements.
- Taking of special care by Academic Class Mentors in facilitating their distinct needs.
- Conduct of sensitization programmes creating awareness among the fellow-mates to facilitate Divyangjan.



**Geo tagged Photos:**

- 1. Green Campus Initiatives**
- 2. Water Conservation**
- 3. Management of the Various Types of Degradable and Non degradable Waste**
- 4. Geotagged Photos-Disabled-friendly, barrier free environment**



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