



Maratha Vidya Prasarak Samaj

G. M. D. Arts, B. W. Commerce and Science College, Sinnar, Dist. Nashik

Affiliated to Savitribai Phule Pune University, Pune

Id.No.PU/NS/ASC/013/1969

Best College Awarded by SPPU2012-13

AISHE:C-41292

ISO 9001:2015 Certified College

www.gmdcollege.in

sinnarcollege001@yahoo.com

INTERNAL QUALITY ASSURANCE CELL

CRITERION VII: INSTITUTIONAL VALUES AND BEST PRACTICES

7.1.3 Quality audits on environment and energy regularly undertaken by the institution. The institutional environment and the energy initiatives- green audit/environment audit/energy audit/clean and green campus initiative and beyond the campus environmental promotion activities



Policy Document on Environment and Energy Usage



Maratha Vidya Prasarak Samaj's
**G.M.D. Arts, B.W. Commerce
& Science College, Sinnar**

Tal. Sinnar, Dist. Nashik - 422 103 (M.S.) INDIA

Best College Award by Savitribai
Phule Pune University 2012-13

Dr. P. V. Rasal

(M.A., LL.B., Ph.D.)

Member : B.O.S. (Psychology)

Savitribai Phule Pune University

E-mail : rasalpundlik@gmail.com

Affiliated to Savitribai Phule Pune
University ID No. : PU/NS/ASC/013/(1969)

Junior College No. J.13.13.001

HTE Sevaarth ID - 06220100119_AST AISHE - C - 41292

Ref. No. 537/2023-24

Date : 13/07/2023

DECLARATION

This is to declare that the information, reports, true copies of the supporting documents, numerical data, provided links, institutional data, photographs etc. submitted/presented herewith is verified by Internal Quality Assurance Cell (IQAC) of this college and is correct as per the records. This declaration is for the purpose of NAAC accreditation of HEI for the 4th Cycle during the period from 2017-2018 to 2021-2022.

Date: 13/07/2023

Place: Sinnar

Dr. C. E. Gurule
Coordinator, IQAC
Co-ordinator
IQAC

G. M. D. Arts, B.W. Commerce & Science
College, Sinnar, Dist. Nashik 422103



Dr. P. V. Rasal
Chairman, IQAC and Principal

PRINCIPAL
G.M.D.Arts, B.W.Commerce and
Science College, Sinnar,Dist.Nashik

• Email - sinnarcollege001@yahoo.com / iqac@gmdcollege.in • Website - www.gmdcollege.in

☎ Office : (02551) 220099 • Fax : (02551) 220114

Policy Document on Environment and Energy Usage

Introduction:

The Environment and Energy usage Policy of the college is to manage energy in such a systematic way so as to minimize its impact on the environment. The policy implies to explore the renewable energy resources to reduce the burden of the government and to find out alternate resources as solutions to 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 college regularly conducts green literacy programs to save energy and to protect the environment.

Policies:

- To assess our energy usage and measure its impact on the environment.
- To count CO₂ emissions generated by our means of transportation- Vehicles.
- To reduce local air pollution emissions using environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
- To install photo voltaic solar panels for the generation of alternative energy
- To install LED bulbs in the whole campus to save energy.
- To develop systematic waste management mechanism.
- To develop rain water harvesting unit.
- To undertake tree plantation drive.
- To take additional measures to continuously improve energy consumption.
- To engage in dialogue with the government agencies, municipal corporation and the affiliating university and actively work with the local organizations in the areas of environment, energy efficiency and sustainable development.
- To monitor and respond to emerging environmental and energy issues. To strengthen environmental knowledge of our employees and students and skills in order to improve our own environmental performance.
- To provide information and training opportunities on energy saving measures.
- To offer opportunities for employees and students to engage in initiatives which contribute to the environmental protection.

- To train our employees and students to make them 'Go Green Specialists' and partners to plant trees each year.

This policy will be communicated to the students and employees via internal communication channels. The Environment, Energy Policy and objectives will be reviewed on a regular basis by the Principal.



Dr. C. E. Gurule
Coordinator, IQAC
Co-ordinator
IQAC
G. M. D. Arts, B.W. Commerce & Science
College, Sinnar, Dist. Nashik 422103



Dr. P. V. Rasal
Chairman, IQAC and Principal

PRINCIPAL
G.M.D.Arts, B.W.Commerce and
Science College, Sinnar,Dist.Nashik



Maratha Vidya Prasarak Samaj
G. M. D. Arts, B. W. Commerce and Science College, Sinnar, Dist. Nashik

Affiliated to Savitribai Phule Pune University, Pune
Best College Awarded by SPPU2012-13

Id.No.PU/NS/ASC/013/1969
AISHE:C-41292

ISO 9001:2015 Certified College

www.gmdcollege.in

sinnarcollege001@yahoo.com

INTERNAL QUALITY ASSURANCE CELL

CRITERION VII: Institutional Values and Best Practices

Green Campus and Clean Campus Policy & Procedure



Policy on Green Campus and Clean Campus



Maratha Vidya Prasarak Samaj's
**G.M.D. Arts, B.W. Commerce
& Science College, Sinnar**

Tal. Sinnar, Dist. Nashik - 422 103 (M.S.) INDIA

Best College Award by Savitribai
Phule Pune University 2012-13

Dr. P. V. Rasal

(M.A., LL.B., Ph.D.)

Member : B.O.S. (Psychology)
Savitribai Phule Pune University

E-mail : rasalpundlik@gmail.com

Affiliated to Savitribai Phule Pune
University ID No. : PU/NS/ASC/013/(1969)

Junior College No. J.13.13.001

HTE Sevaarth ID - 06220100119_AST AISHE - C - 41292

Ref. No. 537/2023-24

Date : 13/07/2023

DECLARATION

This is to declare that the information, reports, true copies of the supporting documents, numerical data, provided links, institutional data, photographs etc. submitted/presented herewith is verified by Internal Quality Assurance Cell (IQAC) of this college and is correct as per the records. This declaration is for the purpose of NAAC accreditation of HEI for the 4th Cycle during the period from 2017-2018 to 2021-2022.

Date: 13/07/2023

Place: Sinnar

Dr. C. E. Gurule
Coordinator, IQAC
Co-ordinator
IQAC

G. M. D. Arts, B.W. Commerce & Science
College, Sinnar, Dist. Nashik 422103



Dr. P. V. Rasal
Chairman, IQAC and Principal

PRINCIPAL
G.M.D.Arts, B.W.Commerce and
Science College, Sinnar,Dist.Nashik

Policy on Green Campus, Environment & Energy Usage

Introduction:

The progress and development have led to the deterioration of nature. In the quest for fulfilling man's needs, he has exploited nature to its maximum. This development is not ecologically sustainable. Awareness about the degradation of nature with implementation of strategies to conserve it becomes more important for the sustainable development. We believe that, higher education institutes can play an important role in development of responsible youths.

We have adopted the environment friendly practices along with curricular and co-curricular activities to develop a green and eco-friendly campus. This offers a lead to the institution to redefining its environmental culture and development of new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

It was necessary to look forward to make the efficient use of available water and other resources. A clean and healthy environment aids effective learning and provides a conducive learning environment. We decided to educate and make aware students on the issues such as renewable energy sources, waste management and water conservation. The college works in the areas of energy, environment, and waste management. The stakeholders work to develop an eco-friendly, sustainable campus and to disseminate the concept of green campus.

Scope:

The policies on green campus, energy and environment will develop new practices that encourage stakeholders to take lead in creating positive change for sustainable development. This initiative helps to review all infrastructural and administrative functions from the stand points of eco-friendly, energy conservation and sustainable environment in and around the college premises.

Objectives:

1. To include the environmental concern into policies, plans and programmes into various activities.
2. To ensure proper and efficient use of all available environmental resources including energy and water
3. To adopt good environmental practices to reduce the waste that can have any adverse effect on the environment.
4. To increase the awareness about environment concern with the help of stakeholders and local community.
5. To protect and conserve ecological systems and resource.

Strategies:

1. To develop eco-friendly campus by planting more trees.
2. To conserve the energy and use of renewable energy sources.
3. To use of available water efficiently
4. To manage the waste properly.
5. To work with all stakeholders and local community.

Guiding Principles:

The college resolved to work with stakeholders to foster a culture of self-sustainability and eco- friendly campus. The time bound strategies are developed to implement green campus initiatives. At the outset, committees comprising faculty from the various departments are constituted in consultation of IQAC.

It was entrusted the task of formulating principles for clean and green campus. The committee plans and executes initiatives as follows:

1. Conduct a green, environmental, electrical and fire safety and energy audit of the campus periodically.
2. Sensitization of the stakeholders to minimize the use of polluting products and use proper environment-friendly substitutes and services.
3. Ingrain the importance of cleanliness for a healthy life through *Swachhata Pandharwada* and *Swachh Bharat Abhiyan*.
4. Programs conducted by NSS/ NCC, tree plantation, Cleanliness etc.
5. Use of energy efficient equipment at workplace.
6. Awareness about environmental issues by organizing Events, Rallies, Awareness Campaigns, Cleanliness Drives, Seminars, Workshops, presentations, Tree Plantation , within and outside the campus Rangoli Competitions, Essay Competitions, Excursions, Study Tours, Guest Lectures, Talks, etc.
7. Initiatives to implement the Clean and Green Campus Policy.

Environment and eco-friendly/green campus

- Increase of green cover in and around the campus by plantation.
- Development of Botanical garden to conserve local and exotic plant species.
- Construction of pedestrian friendly roads in the campus with help of paver blocks.
- Development of botanical garden and nursery of medicinal plants.
- Plantation of saplings

Energy Conservation:

- Suitable action taken to reduce greenhouse gas emissions due to energy consumption
- To use of energy efficient lamps (LED) where ever possible like office, corridors, toilets, store room, etc.
- To use of energy efficient equipment in laboratories/ classrooms/ canteen.
- Use of solar power and solar street poles within college campus.
- Promoting the use of public transport system.
- Creating awareness by organizing seminars, workshop, debates, essay competition activities related to climate change, environmental protection, and environmental issues.
- Celebrating environmental days
- Promoting projects and experiments in the education system as part of regular curriculum which is related to environmental aspects.

Waste Management:

- Adoption of methods for waste segregation at source in the form of dry and wet with help of dustbins.
- Use of vermicomposting units for disposal of organic waste and production of organic manure to fertilize the trees.
- Take appropriate actions to reduce and recycle waste.

- Establishment of MoUs and agreements to manage, collect and dispose waste, e-waste, scrape, etc. appropriately
- Actions taken for minimize the use of plastic within campus
- Adoption for paperless/less paper work culture in administration.

Water Management

- Adopting following measures on campus to reduce water consumption
 1. Rain water harvesting.
 3. Use of recycled water for watering the plants.
 4. Use of septic tanks and soak pits.
 5. Safe and Clean Potable Water using water purification systems
 6. Use of water efficient taps.

The college practiced to display of instructions/alerts/ slogans at prominent locations in the campus for conservation of water wall paintings on campus wall, energy and waste management for sustainable development. We strive to follow a scheme of continuous improvement and upgradation in our procedures, practices and review the policy on a regular basis to evaluate continued relevance and to monitor compliance.


CO-ORDINATOR
IQAC
G.M.D. Arts, B.W. Commerce
And Science College, Sinnar




Principal
G. M. D. Arts, B. W. Commerce and
Science College, Sinnar, Dist. Nashik



Maratha Vidya Prasarak Samaj's

GMD Arts, BW Commerce & Science College

Sinnar, Dist. Nashik, 422103 (MH)

Policy Document

on

Management of the various types of degradable and non-degradable waste



Introduction

Higher education institutes play a vital role in the field of environment and sustainability, considering this GMD Arts, BW Commerce & Science College, Sinnar, Dist Nashik, pays a considerable attention to minimize the production of waste on the campus. This policy envisages the guaranty of the moral, social and legal responsibilities of the College in creating an environment-friendly and sustainable world devoid of waste and exploitation of nature. This policy is a guidance document to the faculty, staff and students to behave responsibly in the production of waste, waste segregation, storage, handling, transport and disposal.

Vision

The policy envisions a community which is acutely conscious of the anthropogenic condition of the world and therefore strives to create an ecologically healthy, prospering and resource efficient community, where waste is considerably reduced, recycled, reused and disposed of using an environment friendly safe method.

Objectives:

- Create consciousness among faculty and students about the ways in which waste is generated and the means by which they can reduce waste generation and manage the waste they produce.
- To provide appropriate training for faculty, staff, students and other stakeholders on waste management issues.
- Orienting them to adopt appropriate technologies for processing and managing solid, liquid and e-waste.
- Follow the five "R" principle of reduce, reuse, recycle, refuse and regenerate
- To promote holistic approach of waste management in the campus.

Waste Management Methods:

1) Solid Waste Management

- To keep campus, keep clean, neat and tidy, Dustbins are placed in the college premises, corridors and office.
- Cleanliness drive in campus for collection of garbage and solid waste by NSS & NCC students.

Nashik

1) Solid Waste Management

- The solid waste is segregated into organic and is used to prepare compost for in-house consumption and non-degradable waste is collected by the Municipality of Sinnar.
- Maximized use of paperless technology i.e., sharing of data/lecture notes on google class-room, google site, college website e-mail etc.
- All one-side used papers are utilized for routine printing activities.

- **Organic waste management:**

Swachha Bharat Abhiyan is one of the National event start-up by govt. of India. This event helps the health of the nation by protecting from various diseases. Considering this fact & the interest of the nation & people our department of zoology run the project of organic waste management. Our college campus has a rich biodiversity of plants & animals. During the winter season (autumn) there is fall down of plenty & Variety of leaves. It is our organic waste on which number of insects can complete their life cycle & some of them act as vectors which are ready to spread the diseases.

To prevent the spreading of diseases by such insect vectors, the students clean the college campus. Hence, the college has decided to prepare the manure (vermicompost) from this organic waste. As a result, a vermicompost unit of 10 beds under one roof or shed. Our Students under the guidance of Mr. S. T. Pekhale, Mr. V. S. Varpe & Ms. G. B. Shahane maintain the entire project of organic waste management; they collect leaves of plants in college campus & put it into the vermi-compost unit with great efforts. They also spray the water to maintain the moister and to collect vermi-wash from the unit.

Due to this organic waste management, our campus remains clean & healthy. Number of mosquitoes & other harmful insects reduced in number in the campus. Students take the benefits of the practical of vermiculture as a part of their curriculum from this organic waste management. The produced manure is utilised for the botanical garden in the college campus to other plants as bio fertilizers.



2) Liquid waste management:

- Chemical liquid waste generated in the lab is collected in separate soak pits which are located aloof from the water bodies.
- The soak pits are periodically emptied and dumped in special area outside the campus and town with due care.

3) E-waste management:

- E-waste of the college refers to electronic devices that have gone out of use. The cartridge of printers and the PCs which are usable or repairable are reused. The completely outdated PCs are discarded. The Parent Institute appoints a vendor for the maintenance and the procurement of the new electronic devices.
- Canteen waste water shall be managed through sedimentation pits which are cleared periodically of the waste and the rest of the water shall pass into the traditional drain.

**Co-ordinator
IQAC**

**G. M. D. Arts, B.W. Commerce & Science
College, Sinnar, Dist. Nashik 422103**

PRINCIPAL

**G.M.D.Arts, B.W.Commerce and
Science College, Sinnar,Dist.Nashik**