



Shri Gajanan Shikshan Sanstha's
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE),
INDIA

"Recognized by A.I.C.T.E., New Delhi" Affiliated to Sant Gadge Baba Amravati University, Amravati
"Approved by the D.T.E., M.S. Mumbai"

Ph : +918669638081/82
Website- www.ssgmce.ac.in

Email.principal@ssgmce.ac.in,
registrar@ssgmce.ac.in

7.1.3: Quality audits on environment and energy regularly undertaken by the Institution

CONTENT

7.1.3

Policy document on environment and energy usage
Certificate from the auditing agency

ENGRESS SERVICES

Yashashree, 26, Nirmal Bag Society, Near Muktangan English School,
Parvati, Pune 411 009 Tel: 09890444795 Email: engress123@gmail.com
MEDA Registration No: ECN/2022-23/CR-43/1709
ISO: 9001-2015 Certified (Cert No: 23EQKC13),
ISO: 14001-2015 Certified (Cert No: 23EEKW20)

CERTIFICATE

Certificate No: ES/SSGMCOE/22-23/05

Date: 10/7/2023

This is to certify that we have conducted Energy, Green & Environmental Audit at Shri Sant Gajanan Maharaj College of Engineering, Shegaon in the Year: 2022-23.

During the Audit, we have studied the Policy Document of the College in respect of Green & Eco Friendly Initiatives.

The major highlights of the College's Policy Document are as under:

A) Energy Conservation & Usage Policy:

- Judicious and Systematic Usage of Energy
- Usage of Energy Efficient Equipment
- Encouragement of Natural Day Lighting
- To incorporate Energy Conservation & Auditing subject in the syllabus

B) Green Campus Policy:

- Eco Friendly Landscaping
- Water Management
- Solid Waste Management
- Promotion of Usage of Renewable Energy
- Reduction in Paper Usage

C) Environmental Policy:

- Proper Waste Management
- Rain Water Harvesting & Water Conservation
- Implementation of Paperless Initiatives
- Implementation of Reduce, Recycle & Reuse Policy



We appreciate the support of Management, involvement of faculty members and students in the process of making the campus Energy Efficient, Green and Environment Friendly.

For Engress Services,

A Mehendale

A Y Mehendale,

B E- Mech, M Tech-Energy, Certified Energy Auditor, EA-8192

ASSOCHAM GEM Certified Professional: GEM: 22/788





SHRI GAJANAN SHIKSHAN SANSTHA'S
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

* Recognized by A.I.C.T.E., New Delhi,* Affiliated to Sant Gadge Baba Amravati University, Amravati &
*Approved by the D.T.E., M.S. Mumbai

Ph.Nos : 8669638081 / 8669638082
Website : www.ssgmce.ac.in

Email- principal@ssgmce.ac.in
registrar@ssgmce.ac.in

POLICY DOCUMENT ON ENVIRONMENT

College is committed to sustainable development in all its endeavors within its ambit it envisages to streamline ways of energy conservation and utilization through socially responsible ways. By adopting an environmental policy, college demonstrates their commitment to sustainability and environmental stewardship. This commitment is increasingly important in the face of global environmental challenges such as climate change, biodiversity loss, and resource depletion.

Policy Statement:

The main objective behind the Environment Policy of the College is promote environmentally friendly practices take initiatives which reduces the impact on the environment. This environment policy is binding for all the component of the institution and applies to all its stakeholders and to the various activities undertaken by the institution.

The College envisions Campus to promote sustainable and environment friendly practices within the campus and beyond. It focuses to streamline responsible waste management practices and water management initiatives in its daily practices. This will help us to embed efficiency and environmental awareness in to our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and reduce the effect of various activity on the environment and promote sustainability.

Objectives:

- To develop awareness about environmental issues.
- To understand our responsibility towards sustainable development.
- To implement responsible procedures for waste management.
- To reduce waste production on campus for all activities and programs.
- To initiate water management and conservation practices.
- To maintain clean lines and sanitation on campus.
- To provide a pollution free healthy environment.

Plan of Implementation/Practices

The College is committed towards sustainable development in all its endeavors. In accordance following are the areas to be considered for streamlining ways and procedures for environment conservation;

1. Waste management – Solid, Liquid & E- Waste Management.
2. Water conservation and management
3. Paperless operating procedures.
4. Taking up awareness initiatives and environment-centric activities.
5. Use of natural lighting and ventilation is encouraged as and when possible

To take additional measures to continuously reduce impact on environment.

- To ensure the availability of necessary resources to achieve our objective Waste management- Solid, Liquid & E-Waste Management
- Two-way segregation of waste at source, on campus.



SHRI GAJANAN SHIKSHAN SANSTHA'S
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

* Recognized by A.I.C.T.E., New Delhi, * Affiliated to Sant Gadge Baba Amravati University, Amravati &
* Approved by the D.T.E., M.S. Mumbai

Ph.Nos : 8669638081 / 8669638082
Website : www.ssgmce.ac.in

Email- principal@ssgmce.ac.in
registrar@ssgmce.ac.in

- Practicethe4R'sReduce, Reuse, recycle and refuse wherever possible.
- Reduce waste production on campus.
- Sanitary Napkin Incinerator and Sanitary Napkin Disposal Machine is Installed and used
- Follow Eco friendly practices in daily activities and programs
- Prefer using bags made of eco-friendly material.
- Preference to eco-friendly items and material for packaging and decorations as well as for gifting/memento and felicitating guests, during program.
- Recycle and recreate through best out of waste activities.
- Reduce usage of paper by encouraging techno-centric teaching and administrative model
To develop systematic waste management mechanism.

WaterConservationandManagement.

- To use rainwater recharge pit for water conservation and management.
- Periodic mending and repairs of leaks in tap sand pipes is done.
- Planting in digamous variety of plants and less water requiring plants in the College campus.
- To create awareness that small actions matter by putting up Save Water labels /posters are put up in various places in the college.
- Organizing water conservation activities for creating awareness amongst the faculty and students on the campus.
- By using and replacing sanitary fixtures with water efficient faucets and nozzles.
- To reduce local air pollution emissions singe environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
- To maintain cleanliness and sanitization throughout the campus.

Other Initiatives are

- Paperlessoperatingprocedures.
- MovetowardsapaperlessofficewithE-officepracticesasencouraging communicationthroughemailsandothervirtualplatforms.
- DigitalstorageofdocumentsthroughGoogleAccountstorage
- To form class-wise whats app groups and MS office class rooms for communication and transaction of course content.

Taking upawarenessinitiativesenvironmental centricactivities.

- Creating a green campus involves implementing sustainable practices and initiatives to minimize environmental efficiency, and foster a culture of sustainability among students, faculty, and staff.
- The College through its academic subject, Environmental Studies is devoted to the cause of environmental awareness, to undertake green initiatives, and to conduct green literacy programs to save energy and to protect the environment. Students take up various awareness raising activities and programs in the irrespective internship Schools as part of their Projects and Assignments.



SHRI GAJANAN SHIKSHAN SANSTHA'S
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

* Recognized by A.I.C.T.E., New Delhi, * Affiliated to Sant Gadge Baba Amravati University, Amravati &
* Approved by the D.T.E., M.S. Mumbai

Ph.Nos : 8669638081 / 8669638082
Website : www.ssgmce.ac.in

Email- principal@ssgmce.ac.in
registrar@ssgmce.ac.in

- To offer opportunities for employees and students to engage in initiatives those contribute to environmental protection.
- Waste water treatment plant is operational in campus.

Conclusion:

The above strategies and procedures of implementation are subject to change in view of need and demands of time. This policy will be communicated to all the students, staff and employees of the College. All the stakeholders are required to abide by the policy to make the college campus green, clean and eco-friendly.

DATE : 10-01-2022


PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.





SHRI GAJANAN SHIKSHAN SANSTHA'S
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

* Recognized by A.I.C.T.E., New Delhi,* Affiliated to Sant Gadge Baba Amravati University, Amravati &
*Approved by the D.T.E., M.S. Mumbai

Ph.Nos : 8669638081 / 8669638082
Website : www.ssgmce.ac.in

Email- principal@ssgmce.ac.in
registrar@ssgmce.ac.in

POLICY DOCUMENT ON ENERGY CONSERVATION AND USAGE.

Policy for Energy Management & Conservation

The College is committed to sustainable development in all its endeavors. Within its ambit it envisages to streamline ways of energy conservation and utilization through socially responsible ways.

Policy Statement:

The main objective behind the Energy usage Policy of the College is to manage energy in such a systematic way so as to minimize its impact on the environment. This 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 focuses to streamline energy management practices and conservation initiatives in its daily practices. It strives to explore the renewable energy resources and to find out substitute natural resources as solutions to the energy crisis. This 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 energy policy will help us to embed efficiency and energy conservational awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

Objectives:

- To understand one's responsibility towards energy conservation
- To implement responsible procedures for energy conservation
- To reduce energy waste on campus for all activities and programs
- To encourage energy conservation practices within the campus and beyond.

Plan of implementation /Practices

The College is committed towards sustainable development in all its endeavors. In accordance following are the areas to be considered for streamlining ways and procedures for environment and energy conservation;



SHRI GAJANAN SHIKSHAN SANSTHA'S
SHRI SANT GAJANAN MAHARAJ COLLEGE OF ENGINEERING,
SHEGAON – 444203, DIST. BULDHANA (MAHARASHTRA STATE), INDIA

* Recognized by A.I.C.T.E., New Delhi, * Affiliated to Sant Gadge Baba Amravati University, Amravati &
* Approved by the D.T.E., M.S. Mumbai

Ph.Nos : 8669638081 / 8669638082
Website : www.ssgmce.ac.in

Email- principal@ssgmce.ac.in
registrar@ssgmce.ac.in

A] Energy conservation and Management:

- To install and use LED bulbs on the college campus to save energy.
- To invest in power-efficient equipment
- To create awareness that small actions matter - Save Energy labels/posters are put up at various locations in the college.
- Encouraging the use of natural lighting and ventilation when possible
- To take additional measures to continuously improve our energy consumption
- To ensure the availability of necessary resources to achieve our objectives
- To mitigate local air pollution emissions, the institute promotes the utilization of environmentally friendly vehicles, such as bicycles and public transportation, as well as the enhancement of pedestrian-friendly roads.

B] Taking up awareness initiatives and Environment-Centric Activities:

The College, through its academic subjects, Energy Audit and Management (EAM {5EP05}) and Electrical Energy Conservation and Auditing (EECA {8EP04}), is dedicated to promoting awareness of energy management and advocating for energy conservation practices

Students undertake various projects as part of their final year course completion. The college offers opportunities for both employees and students to engage in initiatives that contribute to energy conservation.

Conclusion:

The above strategies and procedures of implementation are subject to change in view of need and demands of time. This policy will be communicated to all the students, staff and employees of the College. All the stakeholders are required to abide by the policy to make the energy conservation and spread awareness of energy conservation in our college campus.

Date: 10-01-2022




PRINCIPAL
Shri Sant Gajanan Maharaj
College of Engineering, Shegaon.