



## ENERGY CONSERVATION POLICY

### Introduction:

SAS Government Degree College, Narayananapuram, recognizes the critical role of energy conservation in promoting sustainability and environmental responsibility. This Energy Conservation Policy aims to outline and strategies to optimize energy usage within the college premises.

### Objectives:

- 1. Efficient Resource Utilization:** Ensure optimal utilization of energy resources to optimize waste and reduce environmental impact
- 2. Awareness and Education:** Promote awareness and educate students, faculty and staff about the importance of energy conservation and their role in achieving sustainable practices.
- 3. Technology Adoption:** Embrace energy-efficient technologies and practices to enhance overall operational efficiency.
- 4. Monitoring and Evaluation:** Implement regular monitoring and evaluation mechanisms to assess energy consumption patterns and identify areas for improvement.

### Guidelines:

#### 1. Lighting:

- Use energy-efficient LED lighting through the campus.
- Implement sensor-base lighting systems in common areas to reduce unnecessary energy conception.

#### 2. Appliances and Equipment:

- Procure and the maintenance energy-efficient appliances and equipment.
- Establish protocols for running of electronic devices when not in use.

#### 3. Building Design and Infrastructure:

- Incorporate energy-efficient design principles in new construction projects.
- Conduct regular audits to identify and address energy inefficiencies in existing buildings.

#### 4. Awareness Programs:

- Conduct regular workshops and awareness programs on energy conservation for students, faculty and staff.
- Encourage the adoption of energy-saving practices in daily activities.

## 5. Renewable Energy Sources:

- Explore and implement renewable energy resources, such as solar and wind, to supplement the college's energy needs

## Responsibilities:

**1. Energy Committee:** Establishing an Energy committee responsible for formulating and implementing energy conservation initiatives.

**2. Campus community:**

- Students, faculty and staff are expected to actively participate in energy saving practices.
- Report energy wastage or inefficiencies properly to the energy committee.

## Monitoring and review:

- Regular monitor energy consumption data and assess the effectiveness of implemented measures.
- Conduct periodic reviews to update and enhance the Energy Conservation Policy Based on technological advancements and the best practices.

## Compliance:

- All members of the college community are expected to adhere to the guidelines outlined in this policy.

**Conclusion:** SAS Government Degree College, Narayanapuram is committed to fostering a culture of energy conservation and sustainability. This policy reflects our dedication to responsible energy usage and environmental stewardship, ensuring a greener and more sustainable future for our college community.



  
 PRINCIPAL  
**SAS GOVT. DEGREE COLLEGE**  
 NARAYANAPURAM  
 West Godavari District.  
 Pin: 534 406, Andhra Pradesh



**S.A.S. GOVERNMENT DEGREE COLLEGE**  
NARAYANAPURAM, WEST GODAVARI DISTRICT-534406  
(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRARAM)  
Phone 08818 252189, E-mail narayanapuram.jk@gmail.com



## **WASTE MANAGEMENT POLICY**

S.A.S Government Degree College is committed to minimizing the impact of its activities on the environment. To attain the same the college has developed a policy to guide the waste management practices. This policy document outlines the approach to waste management, the measures shall be taken to reduce waste and promote recycling, and the commitment to comply with all relevant environmental legislation.

### **Scope:**

This policy document applies to all S.A.S Government Degree College teaching and non-teaching staff, students and all activities conducted on behalf of S.A.S Government Degree College

### **Objectives:**

The objectives of this policy document are:

1. To minimize the amount of waste produced by DS Govt Degree college and its activities.
2. To promote degradable waste to vermicompost unit.
3. To promote recycling and reuse of waste materials.
4. To implement No plastic Day and No Vehicle Day through green army.
5. To ensure compliance with all relevant environmental legislation and regulations.
6. To encourage teaching and non-teaching staff and students to adopt sustainable waste management practice.

### **Policy:**

#### **Waste reduction:**

a) S.A.S Government Degree College will minimize the amount of waste produced by its activities by implementing the following measures:

- Degradable waste is transformed into a nutrient-rich fertilizer by vermicomposting.
- Adopting a reduce, reuse, and recycle approach to waste

management.

- Minimizing the use of single-use items, such as plastic bags, plates, and cups.
- Encouraging the use of reusable bags and water bottles.
- Adopting a paperless approach to office work where possible.
- Ensuring that all equipment is maintained and repaired to extend its useful life.

### Recycling:

a) S. A.S Government Degree College will promote recycling of waste materials

by implementing the following measures.

i) Providing recycling bins for paper and plastic.

ii) Encouraging the use of recycled materials in our college.

b) S.A.S Government Degree College will also ensure that all non degradable

waste is disposed of safely and in compliance with relevant legislation.

### Compliance:

c) S.A.S Government Degree College will comply with all relevant

environmental legislation and regulations including:

i) The Hazardous Waste Regulations.

ii) The Environmental Protection Act.

d) S.A.S Government Degree College will ensure that all teaching, non-teaching,

and students are aware of their responsibilities under these regulations.

### Teaching, non-teaching, and students' responsibilities:

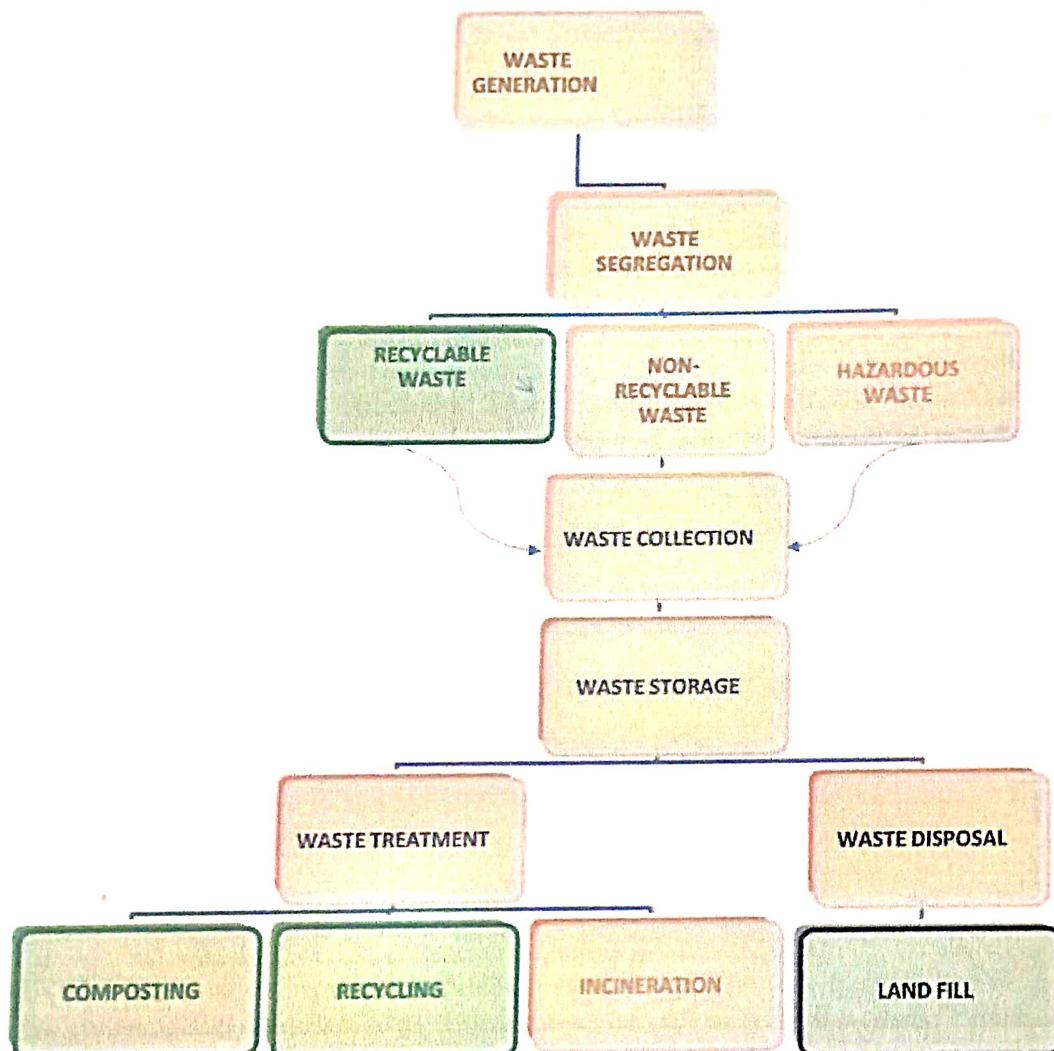
All teaching, non-teaching, and students of .A.S Government Degree College have a responsibility to:

- Minimize waste.
- Follow the waste management procedures and guidelines.
- Report any incidents or breaches of this policy.

### Conclusion:

S.A.S Government Degree College is committed to minimizing its impact on the environment through sustainable waste management practices. This policy document outlines our approach to waste management, our objectives and the measures we will take to achieve them. All teaching, non-teaching and students are expected to comply with this policy and to support our efforts to reduce waste and Promote recycling.

## WASTE MANAGEMENT - FLOWCHART



*Tel: 08523 222222*  
PRINCIPAL  
**SAS GOVT. DEGREE COLLEGE**  
NARAYANAPURAM  
West Godavari District.  
Pin: 534 406, Andhra Pradesh



### **DISABLED FRIENDLY AND BARRIER FREE ENVIRONMENT POLICY**

The Government of India enacted in 1996 Titled “ Persons with the disabilities equal opportunities protection of right and full participation act, 1996”, which laid stress on the provisions to provide a healthy and barrier free environment for the persons with disabilities. Right of persons with disabilities Act 2016 prohibits discrimination against the individuals with physical and mental disabilities. Our institution seeks to create an environment that provides equal opportunities to the disabled persons or students and protection against all types of exploitations and social stigma. A policy document has been framed for the purpose as under

In order to cater to the special needs of the disabled students and staff the college has developed an appropriate system under which they are provided a comfortable and hazard free environment in which they can pursue their academic and professional goals. The ensuing Policy Document highlights the main aspects of policies and procedures adopted by the college with regard to the disabled students and staff of the college.

#### **Objectives of the Policy:**

- To create an inclusive culture to avoid discrimination, exploitation and exclusion of disabled

Students and staff from all spheres of work and education.

- To create a suitable regulatory mechanism for effective delivery of services to disabled students and staff
- To ensure implementation of all legislation with respect to persons with disabilities.
- To ensure full participation of persons with disabilities and to provide them with equal opportunities for development.

#### **Curriculum development and implementation:**

- Flexibility in attendance
- Offering multiple means of instruction to address a range of learning
- Offering a variety of pedagogical choices in each discipline for diverse learning styles and functional needs (e.g. lecture, team-based learning, problem-based learning, simulations, role-play, debate, service-learning etc.)
- Developing clear rubrics and grading
- Flexibility in good quality assessment and evaluation

- Availability of syllabus in various accessible formats as per the need of the student (digital copy, hard-copy, braille, large-print, images with verbal descriptions, appropriate color scheme )
- Include a list of reference material, reading material and textbooks that are available in accessible formats (eg. visual media with subtitles, digital material compatible with screen readers etc.)

### **Physical Accessibility:**

Ensure that Academic Buildings and Learning Spaces – Classrooms, Libraries, Laboratories, Hostel and other learning environments are disabled friendly with the following

- Provision of ramps, wheelchairs, lifts, accessible toilets/washrooms
- Installation of bins to collect used sanitary napkins and incineration in the women's washrooms.
- Accessible signage in the campus/buildings

### **Inclusive Campus Life**

- The right to access and participate in
- The ability to learn and the right to exercise their voice, choice and control in managing their own educational
- The right to develop to their fullest potential and to be active valued citizens in the
- The right to an appropriate and adequate allocation of resources to enable their right to access and participate meaningfully in education.
- The right to be safe-physically, emotionally, culturally and socially and to be treated respectfully.

### **Support Services**

#### **Counseling and Support**

- Offer counseling services specifically tailored to the needs of individuals with disabilities.
- Provide peer support programs and mentor-ship opportunities.

#### **Training and Awareness**

- Conduct regular training sessions for faculty, staff, and students on disabilities awareness, etiquette, and inclusion.
- Promote awareness campaigns to reduce stigma and foster a more inclusive campus culture.

#### **Communication and Information**

#### **Communication Access**

- Provide sign language interpreters and other communication assistance services for individuals who are deaf or hard of hearing.
- Ensure all official college communications, including websites and documents, are accessible and compatible with screen readers,

## Information dissemination

- Dissemination information about available support services, accommodations, and resources through and compatible channels to reach individuals with disabilities effectively.

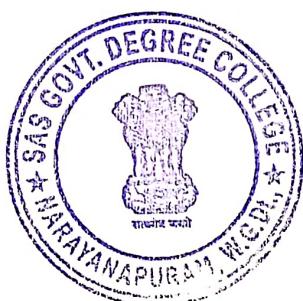
## Compliance and Review

### Compliance

All members of the college community are expected to comply with guidelines outlined in this policy document to ensure the inclusivity and accessibility of college environment.

### Review

This policy document will be reviewed annually to assess its effectiveness and relevance. Updates and revisions will be made as necessary to align with emerging best practices and evolving accessibility standards.



*T. C. W.*  
PRINCIPAL  
SAS GOVT. DEGREE COLLEGE  
NARAYANAPURAM  
West Godavari District.  
Pin: 534 406, Andhra Pradesh



**S.A.S. GOVERNMENT DEGREE COLLEGE**  
NARAYANAPURAM, WEST GODAVARI DISTRICT-534411  
(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRARAM)

Phone: 08818 252189, E-mail: [narayanapuram\\_jkc@gmail.com](mailto:narayanapuram_jkc@gmail.com)



## GREEN CAMPUS POLICY

### **INTRODUCTION:**

In order to create and maintain an environmentally friendly campus with clear goals and priorities in the management of water resources, energy sources and consumption, air quality, preservation of flora and fauna, conservation of the ecosystem, and productive use of the land within its boundaries, SAS Government Degree College is committed to conducting its operations and activities in an environmentally responsible and sustainable manner. By utilizing the solar energy, collecting rain water, creating greenery, and controlling and recovering from waste, it aims to protect the environment and conserve resources.

The institution understands that a key component of our goal is to reduce and, whenever feasible, completely eliminate the environmental effects of our operations. Our goal is to attain environmental excellence by means of initiatives and policies that involve stakeholders in talks, debates, and programmes that promote a clean and green conscience.

In line with national environmental policies, we want to be a leader among educational institution and will collaborate with our personnel, students, and other outside parties to develop and uphold values.

**Objectives of the policy:** our policy aims at the achievement of the resource conservation, waste reduction, and sustainability etc as mentioned below:

- Conserve energy and other natural resources
- Encourage employees to use public transport/ environment-friendly modes of travel

- Reduce, reuse, and recycle to reduce waste
- Minimize the production of hazardous waste
- Adopt green procurement practices
- Ensure staff and students complete the environmental awareness training
- Continue to review and minimize the impacts of our activities

## **Strategies to be adopted**

### **a) Energy Conservation :**

- Turn off lights when not in use and use natural light when possible.
- Turn off all computers, terminals, speakers and other office equipment at the end of every work day.
- Activate the power down features on the computer and monitor to enter into a low-power or sleep mode when not in use.
- Unplug equipment that drains energy even when not in use (e.g., cell phone chargers, fans, desktop printers).
- Use LED lighting wherever possible.
- Utilize videoconferencing and conference calls as an alternative to travel when possible.
- Limit the use of air conditioners.

### **b) Reduction in the consumption of Materials:**

- Avoid using paper by distributing and storing documents electronically.
- Print and photocopy only what is needed and double side the printing when possible.
- Use the back side of old documents for faxes, scrap paper, or drafts.

### **c) Reduction in the Fossil Fuel Consumption and Air Pollution**

- Use public transport or other alternative forms of transportation, whenever possible.
- Use vehicle pools, when possible, over single use vehicles.
- Work remotely, when possible.

**d) Minimization of Waste and Increase of Recycling**

- Use durable reusable beverage containers, plates, and utensils.
- Print documents in black and white or grayscale whenever possible.
- Recycle paper, paper products, plastic, binders, folders, catalogues, boxes, bottles, cans, batteries, electronics, toner and ink cartridges.
- Sell e-waste to authorized buyers for recycling.

**e) Minimization of Toxics and Hazardous Waste**

- Refrain from pouring toxic or hazardous substances down the drain.
- Reduce the use of toxic chemicals and use less toxic alternatives wherever possible.
- Design experiments, when possible, to use less toxic or hazardous substances.
- Purchase chemicals in the smallest quantities needed to avoid over-ordering.
- Dispose of hazardous chemicals appropriately and in accordance with safety requirements.

**f) Protection and Improvement of Biodiversity**

- Maintain and improve the habitat and biodiversity in and around the campus.
- Care for water bodies on the campus and those nearby.

**g) Commitment to Green Purchasing**

- Adopt green and sustainable procurement practices while purchasing material and services, to reduce the environmental impact.

**h) Educational and awareness**

- Integration of environmental education into the curriculum
- Instilling a culture of sustainability among the students and faculty through workshops, campaigns seminars etc
- Adoption of eco friendly practices
- Promoting sense of responsibility for environment

## I) Compliance and review:

- All the stake holders are expected to comply with the guidelines outlined in the policy
- Conduct of regular reviews on the implementation of policy
- Ensuring the effectiveness and relevance of the policy
- Adoption of emerging eco friendly best practices and technologies
- Updation of policy as and when needed



*T. Leelavathy*  
PRINCIPAL  
SAS GOVT. DEGREE COLLEGE  
NARAYANAPURAM  
West Godavari District.  
Pin: 534 406, Andhra Pradesh



## WATER CONSERVATION POLICY

### Introduction:

Water conservation is an essential practice that contributes to sustainable development and environmental responsibility. As a responsible institution, DS Government Degree College for Women recognizes the importance of conserving water resources to minimize our environmental impact. The Water Conservation Policy aims to establish guidelines, practices, and measures to promote efficient water usage throughout the college campus.

### Objectives:

The primary objective of the Water Conservation Policy is to reduce water consumption, promote water efficiency, and raise awareness among students and faculty about the importance of water conservation. By implementing this policy, we strive to minimize water waste, conserve natural resources, and foster a culture of sustainability within the college community.

### Policy Guidelines:

**Efficient infrastructure:** Measures are taken to regularly inspect and maintain plumbing systems to identify and repair leaks promptly.

**Education and Outreach:** Educational campaigns are organized to raise awareness about water conservation practices among students and faculty.

Providing informational materials and resources on campus platforms, including the college website and newsletters.

### Operational Practices:

- The institution has four rainwater harvesting pits to tap the rainwater during the monsoon season.
- All the rainwater harvesting pits are built scientifically to store the maximum amount of water in the soil. It will raise our water table and keep our soil healthy.
- Promoting the use of reusable water bottles and reducing the reliance on single-use plastic water bottles.
- A bore well is maintained on campus to meet water requirements.

### **Monitoring and Evaluation:**

- Regular assessment of water usage data and identify opportunities for improvement.
- Conducting audits and inspections to ensure compliance with the water conservation policy and identify areas for further improvement.

### **Conclusion:**

By adopting and implementing the Water Conservation Policy, DS Government Degree College for Women demonstrates its commitment to sustainable practices and environmental stewardship. By encouraging responsible water usage and fostering a culture of conservation, we contribute to a more sustainable future for our college and the broader community. Together, we can make a significant impact on preserving this valuable resource for generations to come.



*T. L. C. W.*

**PRINCIPAL**  
**SAS GOVT. DEGREE COLLEGE**  
**NARAYANAPURAM**  
**West Godavari District.**  
**Pin: 534 406, Andhra Pradesh**



**S.A.S. GOVERNMENT DEGREE COLLEGE**  
NARAYANAPURAM, WEST GODAVARI DISTRICT-534406  
(AFFILIATED TO ADIKAVI NANNAYA UNIVERSITY, RAJAMAHENDRAVARAM)  
Phone: 08818 252189, E-mail: [narayananapuram.jkc@gmail.com](mailto:narayananapuram.jkc@gmail.com)



## ENVIRONMENT AND ENERGY USAGE POLICY

### Introduction:

SAS Govt Degree college recognizes its responsibility to reduce its environmental impact and to promote sustainability. This policy document outlines the institution's commitment to reducing its energy consumption and to promoting sustainable practices.

### Goals and Objectives:

Our goals and objectives for environmental and energy policies are:

- To reduce energy consumption.
- To increase the use of renewable energy sources such as solar.
- To promote sustainable practices.
- To comply with all environmental regulations and laws.
- To encourage our staff and students in sustainable practices and encourage them to adopt sustainable behaviors.

### . Energy Conservation:

SAS Govt Degree college will implement energy conservation measures to reduce energy consumption in all facilities. These measures will include, but not be limited to the following:

- Energy efficient lighting: The institution will replace all incandescent bulbs with LED bulbs, which are more energy -efficient and have a longer lifespan.

Renewable energy: The institution will explore the use of renewable energy sources, that is solar energy to supplement its energy needs.

### Sustainable practices:

SAS Govt Degree college is committed to promoting sustainable practices in all aspects of its operations. The following measures will be implemented to promote sustainability.

1. Waste reduction: The institution will implement waste reduction measures, such as vermicomposting, to reduce the amount of waste generated.
2. Sustainable transportation: The institution will encourage the use of sustainable options such as using bicycles, walking and public transportation.

3. Water conservation: The institution will implement water conservation measures, such as landscaping practices and conservation pit.

4. Education and outreach: The institution will educate students, faculty and staff on sustainable practices and encourage them to adopt sustainable behaviors.

#### Conclusion:

SAS Govt Degree college is committed to reducing its environmental impact and promoting sustainability. This policy document outlines the institution's commitment to energy conservation and sustainable practices. The institution will continue to explore new ways to reduce its environmental impact and promote sustainability in all aspects of its operations.

#### Action taken:

College installed solar Street Lights and LED bulbs are used maximum in the campus and classrooms. The Eco club of the college is an active and dynamic body to create awareness among the staff and students of the college about environment safety.

The initiatives of Eco club are:

1. Every Saturday of the month is observed as plastic free day
2. No Vehicle day on every last Saturday of month
3. Plantation drives in collaboration with NSS.
4. Establishment of green army to organize and implement various activities and policies.
5. 'implementation of Waste management policy' thorough The activity of dumping garden waste into vermicomposting unit to produce fertile manure.
6. Recycling bins are provided for plastic and paper.
7. "Choose electric, save the earth" motivation campaign to use electric vehicles.
8. Organic farming in the campus.

#### Achievements:

Sustainable solar energy consumption.

Plantation drives in the campus.

Vermicompost manure is used for college garden to increase the fertility of the soil.

We are successful in creating awareness among students regarding hazardous effects of chemical pesticides and fertilizers on environment.



*Tec - 11*

PRINCIPAL  
**SAS GOVT. DEGREE COLLEGE**  
NARAYANAPURAM  
West Godavari District.  
Pin: 534 406, Andhra Pradesh