

# INDEX Details of Policy and Quality Audits on Energy/Environment Initiatives

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Principal
Vaagdevi College of Pharmacy
Hanamkonda, Warangal-506 001

## **POLICY ON**

## ENERGY CONSERVATIVE INITITIVES

This is to confirm that the institution uses the following alternative energy sources and energy conservation measures: solar energy, wheeling to the grid, sensor based energy conservation and LED bulbs.

## Objectives of the Policy

- > To preserve resources in campus
- > To utilise energy from all sources in an effective manner
- To Use renewable energy sources, such as solar power
- > To periodically perform energy audits

## Solar Plant

Vaagdevi College of Pharmacy introduced Solar Energy in 2019 with a 210 Solar Photovoltaic (PV) with a capacity of 100 KW solar on grid system with net metering capability and capacity of each module proposed is 325 W. In order to use renewable energy, college has solar panels put on their rooftops. At our college, solar technology is used to implement energy conservation measures and for to produce electricity on a large scale. The main electrical grid is connected to a solar PV system to allow power generated by solar panels.

Hanamkonda, Warangal-506 001

## Wheeling to the Grid

The solar panels send the energy to the Grid during low load conditions in the campus. The Electrical power is wheeled back to the Grid every month after the consumption of solar power in the campus. This helps the Grid in supply the energy to other loads during that period.

## **Use of LED Bulbs/ Power Efficient Equipment**

The campus installed with energy efficient LED lamps which will cover the campus. LED-based energy conservation was placed in areas with higher demand, such as the principal's chamber, laboratories, common areas, library and etc.,

## **Sensor Based Energy Conservation**

Our college was using the equipments and sensor lights which are saving energy.

The measures are taken to conserve energy and utilize alternate source of energy.



## **POLICY ON**

# DEGRADABLE AND NON-DEGRADABLE WASTE

This institute has successfully adopted a well developed waste management system for greater efficiency and sustainability. The following waste management systems are adopted such as solid, liquid, biomedical, e-waste, waste recycling system, hazardous chemicals and radioactive managements.

## Objectives of the Policy

- ✓ To use efficient waste management
- ✓ To reduce the production of garbage
- ✓ To adapt waste management procedures

## Solid Waste Management

For collecting solid waste, several garbage bins have been placed in all departments for collecting biodegradable and non-biodegradable waste through many sources. The GWMC dispose of waste on daily basis. The institution ensures that solid waste is segregated at the source and properly disposed.





## Liquid Waste Management

To promote ground water recharge, rain water runoff is managed and collected in to a water harvesting pit. The sewage lines are cleaned and bleached on a regular basis to preserve hygiene. Laboratory liquids never disposed in trash or in storm drains. Any liquid discharge from laboratories in to sewage lines closely monitored ensures that no dangerous compounds escape into the pipes. Waste water is also used for gardening purpose.

## **Biomedical Waste Management**

Biomedical waste is obtained from anatomy, pharmacology and microbiology laboratories, in the form of animals, blood, used cotton swabs, syringes, needles and animals used for experimental purpose is packed in bags. Microbiological media is effectively sterilized by autoclaving method.

## e-Waste Management and Waste Recycling System

Defective electronic devices are repaired to guarantee that they can be utilized further. e-waste is safely disposed in collaboration with planet solutions, hanamkonda as per the state government guidelines.

## Hazardous Chemicals and Radioactive Management

The college does not produce any hazardous and radioactive waste. In all the laboratories, faculty members and lab assistants advised and direct the student's safe usage and handling of chemicals. While utilizing the chemicals in the lab, students are protecting themselves. Before being disposed out into sewage pipes, the acids are heavily diluted.





## **POLICY ON WATER CONSERVATION**

This institute have rain water harvesting pit, bore wells (2), water storage tank, bund, waste water recycling system, water bodies and distribution systems for water conservation.

#### Objectives of the Policy

- > To conserve water resources at the campus and preserve ground water recharge
- > To build awareness about water conservation among the staff and students
- > To effectively manage the waste water
- > Implementation of rain water harvesting methods such as harvesting pits
- > Environmental practices for water conservation.

## **Rain Water Harvesting**

Our college has rain water harvesting facility inside the campus. In open spaces with a high runoff coefficient and on the roofs of buildings, rainwater is collected. The collected rain water is directed in the harvesting pits located at possible place inside the campus to recharge the ground water. The rainwater harvesting pit is located in the premises of MBA-Block.





## Borewell /Open well

Bore wells are constructed in the college premises for easy recharge. The stored rain water can be successfully utilized to restore the bore wells. The bore wells are periodically monitored and reserved in good condition by the plumbers with essential actions to repair the problems. The bore well recharges are located within the college premises near the MBA Block.

#### **Construction of Tanks and Bunds**

Overhead water tanks are constructed in the campus for the use of retaining water supply which is a division of the water distribution system. The water stored in the tanks is used for daily requirements in the campus such as gardening, rest rooms, and cleaning purposes. The overhead tanks are supervised regularly and immediate necessary actions are executed for its functional maintenance.

## Waste Water Recycling

Waste water is generated in the campus include from water plant, laboratories and rain water used for watering the gardens.

# Maintenance of Water Bodies and Distribution System in the Campus

There are adequate facilities available in the campus for the maintenance of water bodies and subsequent water distribution system to fulfill the various needs of the users. Well-laid pipe





network is arranged to distribute the stored water from ground point to various tanks within the campus.

## POLICY ON

## **GREEN CAMPUS INITIATIVES**

This institute have adapted green campus initiatives like ban on use of plastic, green landscaping with trees, plants, pedestrian friendly pathway, restricted entry of automobiles and beyond the campus environmental promotion activities which promote the campus greenery and pollution free campus.

#### Objectives of the Policy

- > We care for its own environment with its green campus initiatives and keep pollution free campus
- Every year, during vanamahotsavam, NSS volunteers do plantation and carefully take care.
- Students involved in different environmental programmes Swachh Bharat and Vanamahotsavam.
- > In order to fulfill the increasing need for water, it is necessary to maintain rainwater harvesting systems and restore pits and wells.
- > Installation of solar panels, LED lights and sensor-based lights on campus to improve energy conservation efforts.





#### Ban on use of Plastic

To make an ecologically sound environment, plastic has been prohibited in campus. The management encouraging the students to bring jute bags in campus. "Ban on plastic and plastic free campus" is displayed in college premises on display board. In order to create a plastic-free environment, students are routinely reminding about the risks associated with use plastic.

## Green Landscaping with Trees and Plants

The Institute is situated in a beautiful campus with greenery and beautiful trees planted all around. In addition, the college maintains an exclusive herbal garden in campus that is beneficial us. As part of an NSS programme every year, tree plantation takes place in the college grounds and in nearby villages to promote environmentally friendly practices.

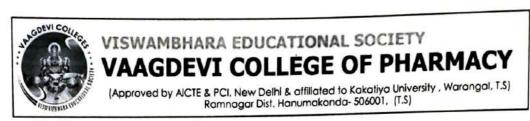
## **Pedestrian Friendly Pathway**

The college is very near to the high way. All of the pathways have been emerged, cleaned aesthetically pleasing, and lighted up to make them more pedestrian-friendly. Walking is also preferred because the path from the road to the college building is well-built. Many teaching and non-teaching staff members, as well as a many students from the nearby area, take a walk down to college on a daily.

## **Restricted Entry of Automobiles**

Restricting entry of automobiles to the campus promotes a decrease in air pollution and noise pollution. All the two wheelers, four wheelers and electrical bikes are parked in allotted parking





area. Entry and departure is monitored via CCTV cameras have been mounted across the campus, including at the entrance gates, corridors and parking area. Unauthorized entry of vehicles into the campus is restricted at entrance by security. No horn or sound is entertained in campus.



Date: 24/08/2022

#### CIRCULAR

#### Swachh Bharath Programme (NSS)

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Swachh Bharath Programme (NSS)" which will be conducted on 26/08/2022 at 10 AM to 12 PM at the college. All the faculty members are requested to make it convenient for attending this programme.



Event: Programme

Date: 26/08/2022

Organized by: NSS, Vaagdevi College of Pharmacy

Topic: Swachh Bharath Programme

#### **Objectives:**

- Swachh Bharat Abhiyan was introduced by the Government of India to promote cleanliness.
- The original campaign was started on 2/10/2014, Gandhi Jayanti, by the Prime Minister of India, Mr. Narendra Modi.
- The topic emphasises the connection between cleanliness and health because cleanliness and hygiene are essential for preserving people's health and wellbeing.

Venue: Campus, Vaagdevi College of Pharmacy, Ramnagar

Students Participated: Pharm. D V year and B. Pharm II sem

Number of Students Participated: 70



Swachh Bharath in 2022





Date: 27/06/2022

#### **CIRCULAR**

#### Save Trees, Save Environment

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Save Trees, Save Environment", which will be conducted on 28/06/2022 at 10 AM to 12 PM at the college. All the faculty members are requested to make it convenient for attending this programme.

Signature of Principal

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Principal
Vaagdevi College of Pharmacy
Hanamkonda, Warangal-506 001



**Event: Programme** 

Date: 28/06/2022

Organised by: NSS, Vaagdevi College of Pharmacy

Topic: Save Trees, Save Environment

#### **Objectives:**

- To educate the students about the significance of increasing the greenery in the state by planting saplings every year.
- To create awareness among the students about the importance of preserving and protecting the environment.

Venue: Medicinal Garden, Vaagdevi College of Pharmacy, Ramnagar

Students Participated: B. Pharm II Sem and M. Pharm II year

Number of Students Participated: 70



Save Trees, Save Environment in 2022





Date: 04/11/2021

#### CIRCULAR

#### Stop Plastic Usage

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Stop Plastic Usage" programme, which will be conducted on 05/11/2021 from 10 AM to 12 PM at the college to ban plastics use in the campus in order to reduce plastic pollution. All the faculty members are requested to make it convenient for attending this programme.

Signature of Principal



Principal
Vacgdevi College of Pharmacy
Hanamkonda, Warangal-506 001



Event: Programme

Date: 05/11/2021

Organized by: NSS, Vaagdevi College of Pharmacy

Topic: Stop Plastic Usage

#### Objectives:

To educate the students to restrict the plastic usage in campus

To aware the students about pollution in campus due to plastic usage

To establish the plastic free campus

Venue: Campus, Vaagdevi College of Pharmacy, Ramnagar

Students Participated: B. Pharm III Sem and Pharm.D I year

Number of Students Participated: 50



Stop Plastic Usage in 2021





Date: 18/08/2021

#### **CIRCULAR**

#### Plant a Tree, Plant a Life

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Plant a Tree, Plant a Life" programme, which will be conducted on 19/08/2021 from 10 AM to 12 PM at the college. All the faculty members are requested to make it convenient for attending this programme.

Signature of Principal



Principal
Vaagdevi College of Pharmacy
Hanamkonda, Warangal-506 001



Event: Programme

Date: 19/08/2021

Organised by : NSS, Vaagdevi College of Pharmacy

Topic: Plant a Tree, Plant a Life

#### Objectives:

- To educate the students about the importance of rising the green cover in the state by planting saplings every year.
- To create awareness among the students about the importance of preserving and protecting the environment.

Venue: Medicinal Garden, Vaagdevi College of Pharmacy, Ramnagar

Students Participated: Pharm. D II year and B. Pharm VIII sem

Number of Students Participated: 80



Plant a Tree, Plant a Life in 2021





Date: 10/02/2020

#### **CIRCULAR**

#### Haritha Haram

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Haritha Haram" programme, which will be conducted on 11/02/2020 from 10 AM to 12 PM at the college. All the faculty members are requested to make it convenient for attending this programme.





Event: Programme

Date: 11/02/2020

Organised by: NSS, Vaagdevi College of Pharmacy

Topic: Haritha Haram

#### Objectives:

- To educate the students about the importance of increasing the greenery in the state by planting saplings every year.
- To create awareness among the students about the importance of preserving and protecting the environment.

Venue: Campus, Vaagdevi College of Pharmacy, Ramnagar

Students participated: Pharm. D II YEAR and B. Pharm I Sem

Number of students participated: 80



Haritha Haram in 2020





Date: 09/09/2019

#### CIRCULAR

#### Plant a Tree, Save Nature

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Plant a Tree, Save Nature" programme, which will be conducted on 10/09/2019 from 10 AM to 12 PM at the college. All the faculty members are requested to make it convenient for attending this programme.





Event: Programme

Date: 10/9/2019

Organised by: NSS, Vaagdevi College of Pharmacy

Topic: Plant a Tree, Save Nature

#### Objectives:

- To educate the students about the importance of rising the greenery in the state by planting saplings every year.
- To create awareness among the students about the importance of preserving and protecting the environment.

Venue: Medicinal Garden, Vaagdevi College of Pharmacy, Ramnagar

Students Participated: Pharm. D I Year and B. Pharm VI Sem

Number of Students Participated: 70



Plant a Tree, Save Nature in 2019





Date: 20/03/2019

#### **CIRCULAR**

#### **Plantation Drive**

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Plantation Drive" programme, which will be conducted on 21/03/2019 from 10 AM to 12 PM at the college. All the faculty members are requested to make it convenient for attending this programme.





Event: Programme

Date: 21/03/2019

Organised by: NSS, Vaagdevi College of Pharmacy

Topic: Plantation Drive

#### Objectives:

- To educate the students about the significance of increasing the greenery in the state by planting saplings every year.
- To create awareness among the students about the importance of preserving and protecting the environment.

Venue: Medicinal Garden, Vaagdevi College of Pharmacy, Ramnagar

Students Participated: Pharm. D II and Pharm.D IV year

Number of Students Participated: 70



Plantation Drive in 2019





Date: 01/10/2018

#### **CIRCULAR**

#### Clean Air for Green Life

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Clean Air for Green Life" programme, which will be conducted on 03/10/2018 from 10 AM to 12 PM at the college, to encourage the students to use bicycles and electric vehicles in the campus to reduce the pollution. All the faculty members are requested to make it convenient for attending this programme.





Event: Programme

Date: 03/10/2018

Organised by: NSS, Vaagdevi College of Pharmacy

Topic: Clean Air for Green Life

#### Objectives:

• To educate the students about the importance of bicycle and electric vehicle use

To create awareness among the students about how to prevent the campus from pollution

Venue: Campus, Vaagdevi College of Pharmacy, Ramnagar

Students Participated: Pharm. D III year and Pharm.D II year

Number of Students Participated: 90



Clean Air for Green Life in 2018





Date: 14/04/2018

#### CIRCULAR

#### Vehicles Restriction

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Vehicles Restriction" programme, which will be conducted on 16/04/2018 from 10 AM to 12 PM at the college, to restrict the entry of two wheeler and four wheeler vehicles in the college campus. The vehicles of students and staff can be kept in the allotted parking area outside the campus. All the faculty members are requested to make it convenient for attending this programme.







Event: Programme

Date: 16/04/2018

Organised by: NSS, Vaagdevi College of Pharmacy

Topic: Vehicles Restriction

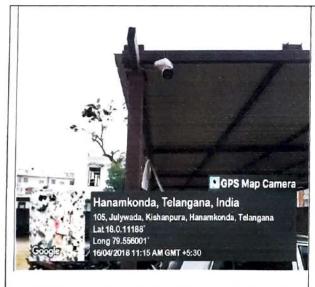
#### Objectives:

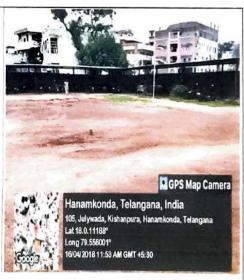
- To educate the students about pollution (noise and combustion of fuel) from automobiles
- To create awareness to the students about the importance of preserving and protecting the environment from automobiles in campus.

Venue: Vaagdevi College of Pharmacy, Ramnagar

Students Participated: B. Pharm and Pharm.D

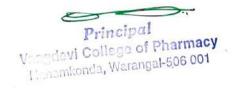
Number of Students Participated: 120





Implementation of Vehicles Restriction in 2018





Date: 15/11/2017

#### **CIRCULAR**

#### Go Green, Plastic is Obscene

All the faculty members of Vaagdevi College of Pharmacy are hereby informed to attend the "Go Green, Plastic is Obscene" programme, which will be conducted on 16/11/2017 from 10 AM to 12 PM at the college, to reduce the plastic usage within the campus premises by insisting the use of stainless steel bottles instead of plastic ones. All the faculty members are requested to make it convenient for attending this programme.





# VAAGDEVI COLLEGE OF PHARMACY

(Approved by AICTE & PCI, New Delhi & affiliated to Kakatiya University . Warangal, T.S) Ramnagar Dist. Hanumakonda- 506001. (T.S)

## **SUMMARY REPORT**

Event: Programme

Date: 16/11/2017

Organized by: NSS, Vaagdevi College of Pharmacy

Topic: Go Green, Plastic is Obscene

#### **Objectives:**

To educate the students about restrict the plastic usage in campus

To create awareness among the students about pollution in campus due to plastic usage

To establish the plastic free campus

Venue: Campus, Vaagdevi College of Pharmacy, Ramnagar

Students Participated: B. Pharm II sem

Number of Students Participated: 100





Go Green, Plastic is Obscene in 2017

Stainless Steel Bottles



