



Details of policy and quality audits on environment and energy initiatives

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Policy Document on Energy Conservation Initiatives



VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY

www.vignanpharma.com (Approved by AICTE, PCI New Delhi & Affiliated to JNTUK) Estd. 2006

An ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified Institution

Beside VSEZ, Kapujaggaraju peta Duvvada, Visakhapatnam-530049, A.P

Phone 0891-2511222/2589777, Fax: 0891-2752333; email: viptvizag@gmail.com



Y. Ramesh
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46



Policy Objectives:

- To use LED/CFL bulbs and other energy-saving devices on the campus.
- To efficiently use energy from all sources.
- Trap renewable sources of energy including solar energy.
- To conduct energy audit from time to time.

Infrastructural Initiatives

Energy Saving: The staff members and students lead initiatives to save significant electricity and have developed a policy for reducing electricity consumption by using LED and replacing the old tube lights with LEDs. The students commuting from far-off places use the public transport system as the bus pass facility at subsidized rates is extended to them by the college which is provided by state Govt. Many of the staff members use car-pooling and/or two wheelers. All the computer monitors have been replaced with LED/LCDs displays. Replacement of old appliances like lights, fans with energy-efficient appliances is underway. The process of the paperless office and use of e documents for routine work has been started.

Renewable Sources of Energy

The institution believes in self sustainability and energy conservation. To minimize the usage of electricity in the institution we are switching to renewable sources of energy like solar energy. A 50kW solar power plant was installed on the roof top. Biogas Plant was also constructed.

ORGANIZATION WIDE AWARENESS

Posters/ Slogans

Notice board

Awareness programs and Celebration of National days

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 Principal of the college.



G. Rishikesh

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Policy Document on Degradable and Non Degradable Waste Management



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Y. Srinivas

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Policy Objectives:

- To sensitize students towards a Clean and waste free Environment.
- Proper handling of various wastes from the campus.
- To restrict waste generation.
- To adopt methods for effective waste management

Degradable and Non Degradable Waste Management:

To provide a clean and green environment in and around the campus, it has been decided to take sustainable initiatives for the reduction and management of waste generated in the campus.

- Systematically make students to think about 5 Rs **Rethink, Refuse, Reduce, Reuse, Recycle.**
- Reduce paper consumption by supporting the digitalization of most of the office works.
- Reduce the need for printing books by encouraging e-books and e- journals.
- Encouraging students and teachers to use online platforms for submission of assignments.
- Sensitize students about food wastes and ways to reduce them.
- Minimize the use of packaged foods.
- Re use and recycle non degradable products.
- Organize various programs for students on degradable and non degradable waste management practices.

E-Waste Management:

The e-waste management policy was framed to cover all electronic equipments and devices and e-waste management operations.

Objectives

- To minimize generation of e-waste
- To facilitate reuse and recycle to the maximum possible extent
- To dispose waste in a effective and economic manner.



G. Subbarao
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Policy Document on Green Campus



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y. sivaiah

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Policy Objectives

A "green campus" is a location where sustainable and eco-friendly practises are promoted through education and environmental friendly actions. The idea of a "green campus" gives a facility the chance to take the initiative in reinventing its environmental culture and building new paradigms by addressing human needs in the areas of the environment, society, and the economy.

In order to make the campus more environmentally friendly, wasted inefficiencies must be eliminated, conventional energy sources must be used for everyday power demands, proper disposal must be handled, environmentally friendly goods must be purchased, and a recycling program must be successful. The institute has to develop time-bound plans for implementing green campus initiatives. In order to provide a clear and transparent institutional planning and budgeting process, these techniques must be aimed to develop a clean and green campus.

Major Green campus Initiatives in VIPT campus:

- Institute Medicinal Plant Garden
- Pedestrian friendly Road
- Paperless office
- Energy Efficient Campus
- Plastic free campus
- Landscaping with trees and plants
- Eco Friendly and Plantable Ganesh Idols
- Plantations on Birthdays



g. Suresh

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Beside: VSEZ, Duwada, Visakhapatnam-46

Policy Document on Water Conservation Initiatives



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Dr. Srinivas Rao

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POLICY ON WATER CONSERVATION

Policy Objectives:

- To conserve water resources at the campus and preserve ground water recharge.
- To optimize the use of water in the campus.
- To adopt methods for water recycling and rainwater harvesting
- To create awareness about water conservation among staff and students

The Institution has sought to implement water conservation measures at the campus

- Implementation of rain water harvesting methods such as harvesting pits
- Awareness programs on water conservation at the campus.
- Environmental practices for water conservation.



G. Sivareddy

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Beside: VSEZ, Duvvada, Visakhapatnam-4.



GREEN AUDIT REPORT

Academic Year 2022 - 2025



EARTH



WATER



AIR



LIGHT

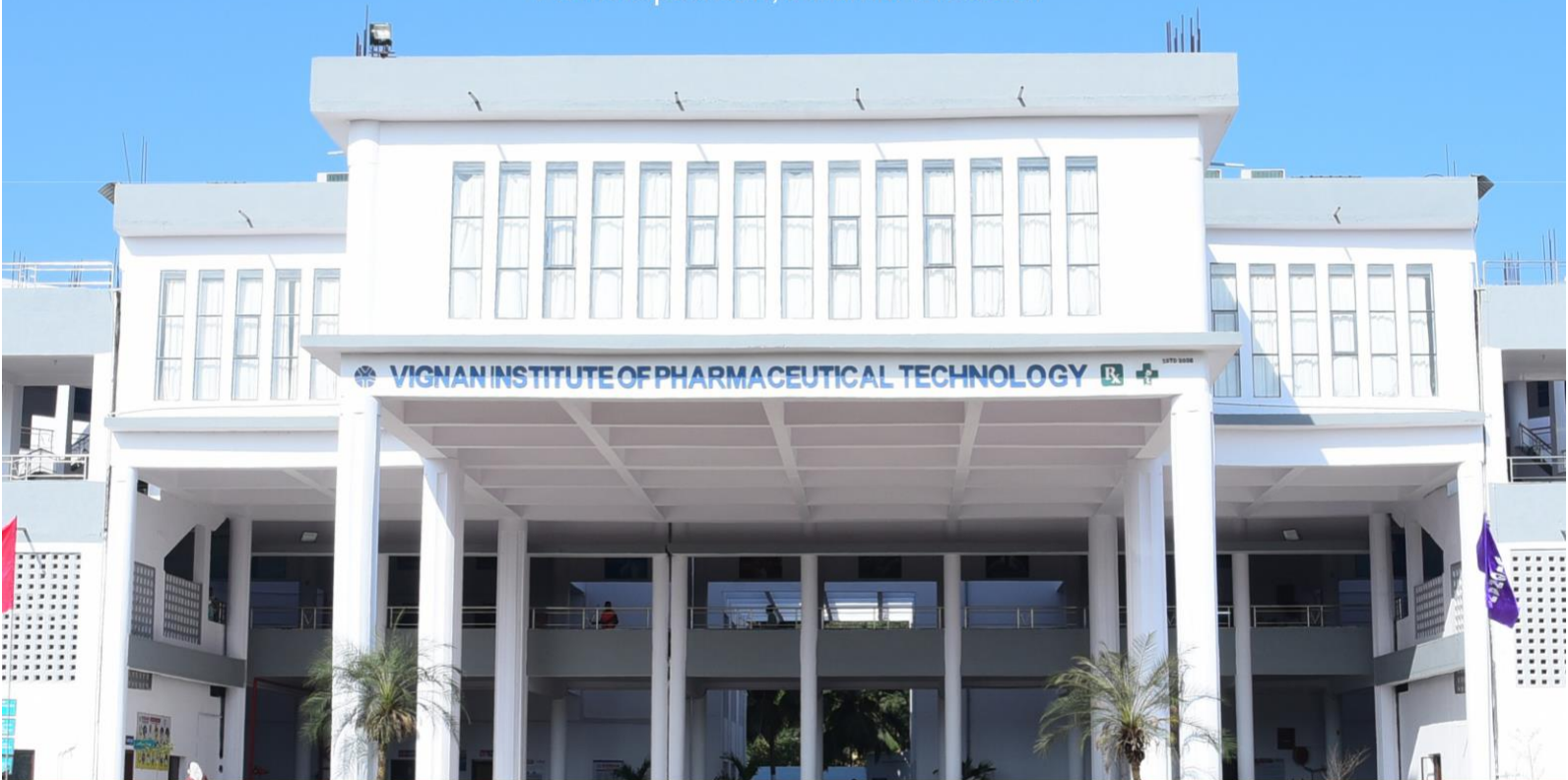


SPACE



VIGNAN

INSTITUTE OF PHARMACEUTICAL TECHNOLOGY
Visakhapatnam, Andhra Pradesh



Prepared by



GREEN MENTORS

Powered by Law of Nature

Special Consultative Status with the
Economic and Social Council of United Nations from 2021

AUDITOR'S VIEW

Global Readiness in Ensuring Ecological Neutrality of the VIPT

A Green University is an educational institution that meets its need for natural resources – such as energy, water, and materials – without compromising the ability of people and future generations to meet their own needs.

Green Mentors (having special consultative status with the Economic and Social Council (ECOSOC) of the United Nations) is proud to present the Green University Audit Report & Accreditation Certificate to the Vignan Institute of Pharmaceutical Technology, Visakhapatnam Andhra Pradesh.

This report is prepared based on information provided by the VIPT Green Auditing Team to address the Five Elements of Nature towards minimizing the impact the teaching-learning practices on the local environment and incorporating sustainability campus operation.

-  **PRITHVI (Earth)** - Biodiversity Landscaping & Built-up Space
-  **JAL (Water)** - Water Management Practices
-  **VAYU (Air)** - Air Quality Level within the Campus
-  **AKASH (Sky)** - Application of Sustainable Technologies
-  **AGNI (Energy)** - Energy Management Practices

Green University Auditing & Accreditation is a Set of Global Indicators for assessing, quantifying, recording, reporting, and analyzing elements of environmental diversity.

Each Green University Auditing & Accreditation Indicator is, in turn, measured against a set of Global Standards toward achieving Global Readiness in Ensuring the Ecological Neutrality of the University.

Green Mentors is proud to declare that VIPT has achieved **423** Points out of **500** Points & earned Platinum Ranking Campus in the Green University Accreditation Standards for the Period of Academic Year 2022-2025.

We are confident that VIPT will emerge as a Green Engine for the new paradigm of the "green economy," in short, VIPT will contribute to the overall sustainability of the planet.

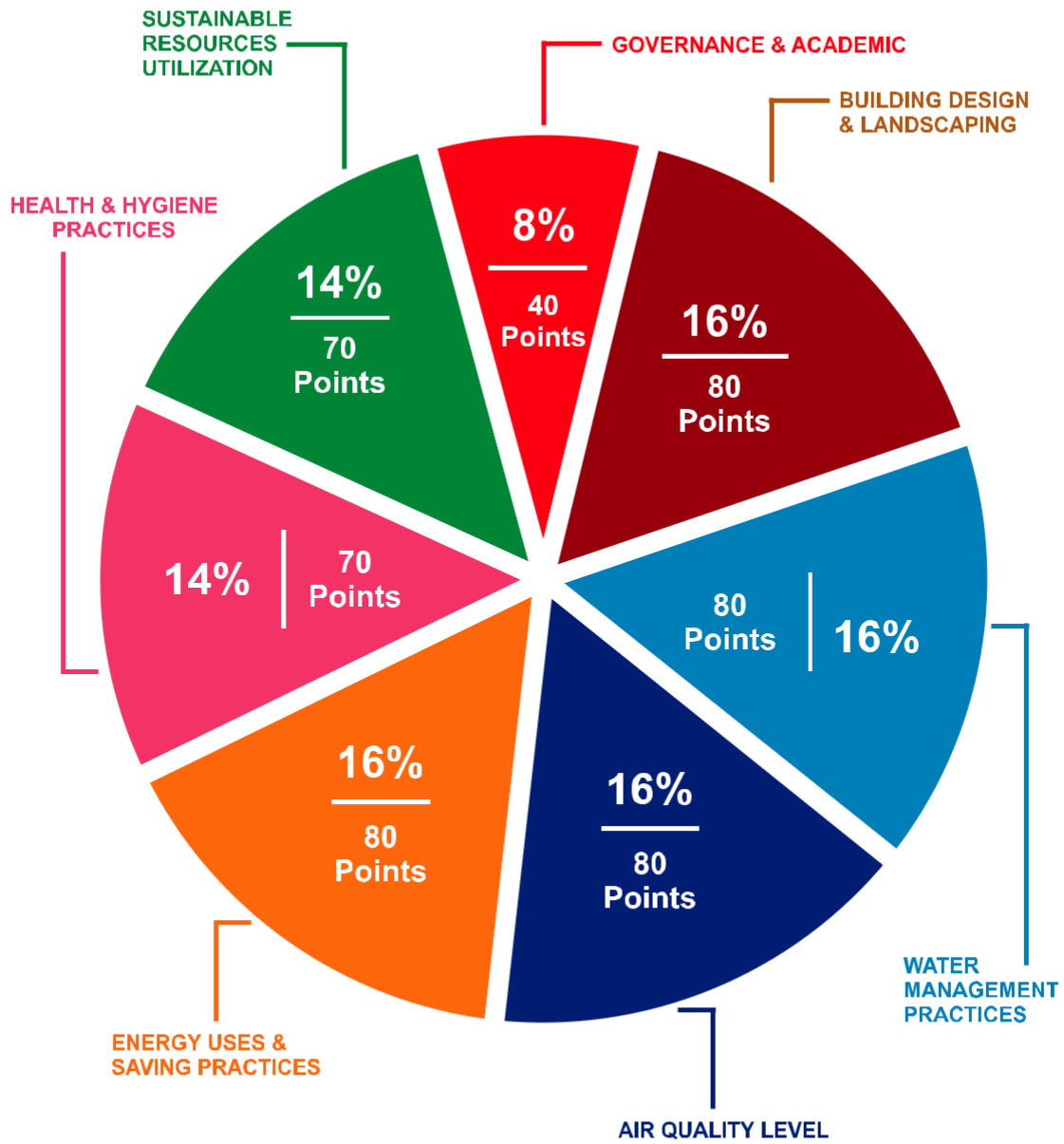

24-08-2022

Virendra Rawat
Director,
Green Mentors

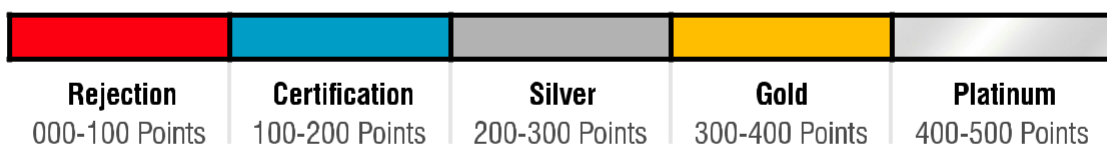
**GOOD FOR PUPIL
& GOOD FOR PLANET**



Sustainability Weightage of Assessment Areas



Certification Level





ACCREDITED CERTIFICATE

ACCREDITATION

 EARTH
  WATER
  AIR
  LIGHT
  SPACE

CERTIFICATE

 EDUCATION
  INNOVATION
  HYGIENE
  SPACE
  TRANSPORT



VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY (VIPT)

Visakhapatnam, Andhra Pradesh

has successfully achieved the Green Institute Accreditation Standards,
designed & defined by Green Mentors, & hereby Accredited as a

GREEN INSTITUTE

in Platinum Ranking.



GREEN MENTORS
Powered by Law of Nature

Special Consultative Status with the
Economic and Social Council of United Nations from 2021



Virendra Rawat
24-08-2022
Virendra Rawat
Director, Green Mentors

GM/GA/2022/023/G1

This Certificate is issued on 24th August, 2022 & Valid till the Academic Year 2025

Introduction

Brief Introduction

Vignan Institute of Pharmaceutical Technology was established by the visionary educationalist Dr. Lavu Rathaiah, Chairman of Lavu Educational Society, in 2006 in Visakhapatnam, Andhra Pradesh, India. The Society has been offering quality education, from K.G. to P.G., for the last 46 years.

Vision

Being a recognized leader in pharmacy education, pharmaceutical sciences research, and Industry, we envision contributing towards good health for all.

Mission

- M1:** Creating and disseminating knowledge through innovative practices of new advances in pharmacy and Pharmaceutical sciences.
- M2:** Develop a culture of community engagement and social accountability in students
- M3:** Research and practice through inter-professional collaboration
- M4:** Promoting strong ethical and moral values

The Institute has obtained ISO 9001:2015 certificates for its quality, ISO14001:2015 certificate for maintaining an excellent and pollution-free environment on the premises, and ISO 45001:2018 certificate for maintaining Greenery across the whole premises.



of Rs. 5 Lakhs per annum from companies like Dr.Reddys and Arbindo Pharma.



GOVERNANCE & ACADEMIC



1. Governance



Statutes drive governance in V.I.P. The governing body of VIPT is committed to its purpose, serving all stakeholders' interests, including the environment.

Governing Body of VIPT also follows well-informed decision-making, transparency in teaching-learning practices & accountability in the performance and use of human potential.

About Managing Body

The institution has a well-defined and structured governance system headed by the governing body, which is an apex committee that oversees the institution's overall development and continuous growth in line with the established vision. The Governing body comprises eminent people from all spheres of life to bring in the necessary balance.

Functions of the Governing Body:

Subject to the existing provision in the by-laws of the institution and the rules laid down by the state government, the governing body of the institution meets twice a year and has the power to:

- ✓ Monitor overall development activities associated with the vision of the institution
- ✓ Monitor and manage the financial sustainability of the institution based on the recommendations of the finance committee
- ✓ Scholarships, fellowships, medals, prizes, and certificates on the advice of the Academic Council
- ✓ Establish the necessary Industry and other stakeholder collaborations
- ✓ Approve new programs of study leading to degrees/diplomas
- ✓ Perform any other functions and constitute committees as per the necessity and demand.
- ✓ Ensure the proper development of the institution to fulfill the autonomy objectives set out earlier.



GOVERNANCE & ACADEMIC

About Governing Body

S.No.	Name of the Member	Designation	Affiliation
1	Dr. Rao Vadlamudi	Chairman	Commonwealth Pharmacists Association
2	Dr L Rathaiah	Member	President & Correspondent Lavu Educational Society
3	Dr V S Vakula	Member JNTUK Nominee	Asst. Professor, Dept of EEE, UCE, JNTUKV
4	Padma Bushan Dr Y Lakshmi Prasad	Member	EX-MP Chairman Jana Sikshna Samsthan
5	Dr P Rajeswara Rao	Member	Former Principal AU College of Pharmaceutical Sciences Andhra University, Visakhapatnam
6	Dr Y Rajendra Prasad	Member	Head of Pharmaceutical Chemistry AU College of Pharmaceutical Sciences Andhra university, Visakhapatnam
7	Dr M Ramesh	Member	Head of Biotechnology JNTUK
8	Dr V Krishna Murthy	Member	MD, RK Hospitals Pvt Limited, Gajuwaka, Visakhapatnam
9	Mr K. V. Mohan Rao	Member	HR-Manager - Dr Reddy's Laboratories Pvt.Ltd, Visakhapatnam
10	Mr A Ramnath Reddy	Member	MD, Actimus Biosciences Pvt. Limited Visakhapatnam
11	Sri N Srikant	Member	CEO, Vignan Group of Educational Institutes, Visakhapatnam
12	Prof K Varaprasada Rao	Member	Head of Pharmaceutical Analysis Vignan Institute of Pharmaceutical Technology
13	Dr Y Srinivasa Rao	Member Secretary	Principal & Professor - Vignan Institute of Pharmaceutical Technology

GOVERNANCE & ACADEMIC



2. Leadership

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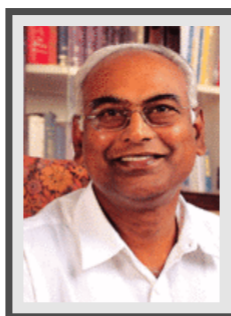
The Principal of VIPT plays a pivotal role in making the Institute a Responsible College. He has nurtured many successful leaders through quality & responsible education.

He is a lifelong learner and constantly makes efforts toward building the nation through responsible education.

Dr. Y Srinivasa Rao is passionate about his vision and plans to make VIPT a leading responsible

Message

The leadership sets goals and continuously monitors the progress of the critical parameters. In addition, the administration ensures the development of proper action plans and reviews them to ensure they are aligned to achieve the Institute's mission and objectives.



Dr. Lavu Rathiah

Chairperson of Lavu Educational Society

Well, Thought-out Reforms in Technical Education Is the Need of the Hour" We, in India today, are living in a transitional era. On the one hand, we are swamped by the global financial meltdown, while on the other, we are witnessing a slow but sure revival of the manufacturing and agricultural sectors.

Highly trained and skilled professionals will be needed in vast numbers to enable our country's transition towards industrial and financial self-sufficiency. In this changing scenario, technology will continue to be a significant catalyst for allowing the country's transformation. So the demand for quality technical education in India is enormous.

In Andhra Pradesh, we often mention with pride that the state has the largest number of technical/professional institutions to impart skill-based education to fulfill the needs of the Industry.

GOVERNANCE & ACADEMIC



Dr. Rao Vadlamudi

Chairperson of the Managing Body

Dr. Rao Vadlamudi has the unique distinction of being associated with academics and the pharmaceutical Industry. Currently the President of the Commonwealth Pharmacists Association, he was the editor of the Indian Journal of Pharmaceutical Sciences (1996-2014) and the President of the Indian Pharmaceutical Association (2014-18). He is also the Professional Secretary of the South East Asia Regional Pharmaceutical Forum. Dr. Vadlamudi has a B. Pharm, M. Pharm (AU, India), and Ph. D. (U.B.C., Canada).



Dr. Y. Srinivasa Rao

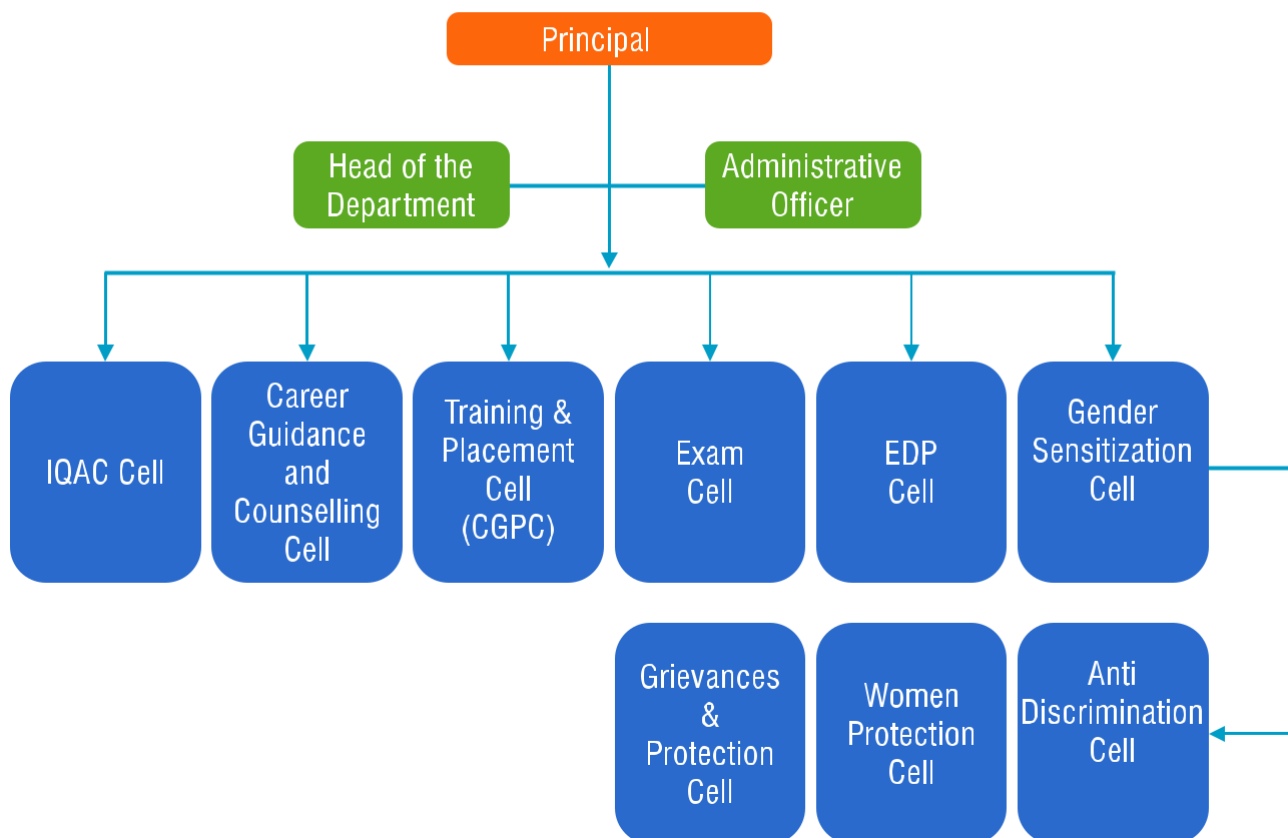
Principal

Dr. Y Srinivasa Rao earned his B. Pharmacy, M. Pharmacy, and Doctoral Degrees from Andhra University. His work was published in 150 International Journals; he has attended many conferences at the national and international levels.

Dr. Rao has 16 years of teaching and six years of Industry experience. he is a member of APTI and IPA. he was honored with the Young Scientist Award in 2016

GOVERNANCE & ACADEMIC

ORGANIZATIONAL STRUCTURE



GOVERNANCE & ACADEMIC



3. Sustainability Commitment



The VIPT firmly accepts the "accountability to the future"—a special role and responsibility in confronting climate change and sustainability challenges.

The vision of VIPT is rooted in its shared responsibility to build and operate a campus that contributes to the well-being of every member of its community—and ultimately to the planet's health.

Achievements & initiatives of the College in the area of sustainable practice

The college takes the initiative to make the campus Eco-friendly:

- Energy conservation
- Water conservation
- Efforts for carbon neutrality
- Hazardous waste management
- E-waste management
- Plantation



GOVERNANCE & ACADEMIC

List of Programs

Under Graduate	Post Graduate
	M.Pharmacy (Pharmaceutics)
	M. Pharmacy (Pharmaceutical Analysis)
	M. Pharmacy (Pharmacology)
	Pharm. D

Number of students

Under Graduate	Post Graduate
358	197

GOVERNANCE & ACADEMIC

List of - Teaching Staff

Sr. No.	Designation	Name
1	Principal	DR. Y SRINIVASA RAO
2	Professor	DR. P. V. KAMALA KUMARI
3	Professor	DR. P. CHIRANJEEVI
4	Professor	DR. M SARITHA
5	Professor	PROF K VARAPRASADA RAO
6	Professor	DR. G. CHANDHRASEKHARA RAO
7	Associate Professor	DR. K. GANAMANJUSHA
8	Associate Professor	DR. K. DANIEL RAJU
9	Associate Professor	DR. S. SATYA LAKSHMI
10	Associate Professor	MR. .P N. MALLIKARJUN
11	Associate Professor	MR. B. RAMA RAO
12	Associate Professor	MRS. D. ARUNA KUMARI
13	Associate Professor	DR. D VASUDHA
14	Associate Professor	SRIDEVI RANJITHA KARANAM
15	Assistant Professor	KOYYA PRIYADARSHINI REDDY
16	Assistant Professor	MS. R. SYAMALA
17	Assistant Professor	MERUVA SWAPNA
18	Assistant Professor	SHEIK JAKIR HUSSAIN MUSTAQ
19	Assistant Professor	MS. K. SRELEKHYA
20	Assistant Professor	SETTI UMA MAHESWARI
21	Assistant Professor	MS. B. B. PRATHYUSHA
22	Assistant Professor	MR. K. B. RAJESH BABU
23	Assistant Professor	KESWARA RAO
24	Assistant Professor	MR. KRVS CHAITANYA
25	Assistant Professor	MR. B. JAGADEESH KUMAR



GOVERNANCE & ACADEMIC

Assistant Professor	MS. G. URMILA
Assistant Professor	DASARI CHARAN
Assistant Professor	MR A. SATYA SAI SRINIVAS
Assistant Professor	KURMAPU MADHURI
Assistant Professor	MS N MADHURI
Assistant Professor	MS D. SHARMILA
Assistant Professor	NAGA BHARATHI MARNI
Assistant Professor	SRINIVASA RAO PASALA
Assistant Professor	MRS M MOUSAMI
Assistant Professor	MS G. ANUSHA
Assistant Professor	GEDDAM MURALI BABU
Assistant Professor	MRS T. S. S. LAKSHMI
Assistant Professor	MR A KANAKA RAJU
Assistant Professor	T PRABHU KUMAR
Assistant Professor	DR. G. VASANTHA
Assistant Professor	MRS V JHANSI LAKSHMI
Assistant Professor	MR B H SATYA KIRAN
Assistant Professor	RASHMITA MAHARANA
Assistant Professor	MR. Y. VEERABRAHMAM
Assistant Professor	MS U. BHAVANI
Assistant Professor	K J LAKSHMI
Assistant Professor	DEBJANI NATH
Assistant Professor	MR WASIM FEROUZ

GOVERNANCE & ACADEMIC

List of Non - Teaching Staff

Sr. No.	Designation	Name
1	JR ASST	MR CH SUNEEL KUMAR
2	AO	MR VSATYANARAYANA
3	MANAGER	MR MADHAVDAS MITERANI
4	LIBRARIAN	MR A V PRASAD
5	LABORATORY TECHNICIAN	MR J RAJU
6	LABORATORY TECHNICIAN	MR S PRAVEEN KUMAR
7	LABORATORY TECHNICIAN	MR B ASHOK
8	LABORATORY TECHNICIAN	MR P VENKATA RAO
9	CLEANING PERSONNEL ATTENDERS	R GORRAMMA
10	MANAGER	MR B RAMAKRISHNA RAO
11	CLEANING PERSONNEL ATTENDERS	S RAMANAMMA
12	CLEANING PERSONNEL ATTENDERS	E LAKSHMI
13	CLEANING PERSONNEL ATTENDERS	M APPALANARSAMMA
14	CLEANING PERSONNEL ATTENDERS	P MUTYALAMMA
15	CLEANING PERSONNEL ATTENDERS	P POLAMMA
16	ATTENDER	P YESURATNAM
17	SYSTEM HARDWARE	A SRIDHAR
18	ACCOUNTANT	MR M SHANKAR RAO
19	JR ASST	MR P PRASANTH
20	LAB TECHNICIAN	MRS K BHAVANI
21	STORE INCHARGE	MR P SRINIVASA NAIDU
21		Total

GOVERNANCE & ACADEMIC



4. Innovative Practices

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Innovation is an application and implementation of creativity; thus, creativity and innovation are inseparably related, which reflects their complementarity in providing what is new and adding value. Post Graduate & Research Programs of VIPT are driven by the innovation.

Deans and HoDs of various academic departments brings innovation into learning opportunities through collaboration with exceptional researchers, innovators & entrepreneurs.

The students are always encouraged to take part in co-circular and extra-circular activities associated with innovation and the environment.



Cumulative Score

37/40

BUILDING DESIGN & LANDSCAPING

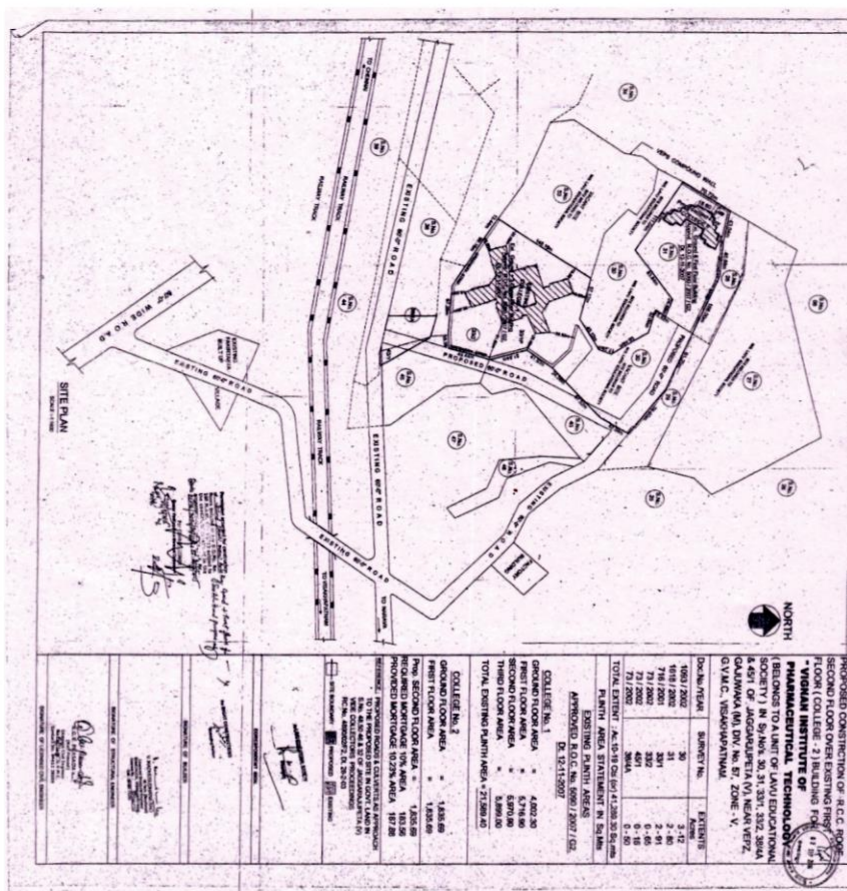


1. Local Building Regulations

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Green building laws and codes in our country are voluntary. A green building is one that uses less water, optimizes energy efficiency, conserves natural resources, generates less waste, and provides healthier spaces for occupants, as compared to a conventional building. Built-up learning spaces of VIPT meet all local building laws.

College Building and campus plan approved by local Building laws and the plan details are attached below



BUILDING DESIGN & LANDSCAPING

2. Top-Soil Preservation

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Topsoil is the uppermost layer of soil capable of growing and supporting vegetation. Soil conservation is the prevention of loss of the topmost layer of the soil from erosion or the prevention of reduced fertility caused by over usage, acidification, salinization, or other chemical soil contamination.

VIPT has taken proactive measures towards topsoil conservation on the campus through regular aeration that allows the nutrient to reach the roots of plants, filling the holes created by aeration, indigenous gardening, building wind barriers, mulching, and placing stepping stones for walkers on topsoil.

The VIPT campus has nearly 60% of its area covered with greenery, with various types of plants and turf. This will help to reduce soil erosion and reduce the negative impacts of the site and surroundings. Sprinklers are used for more than 60% of the institute's greenery maintenance.



BUILDING DESIGN & LANDSCAPING



3. Eco-Friendly Commuting Practices

- 1 2 3 4 5 6 7 8 9 10

VIPT encourages its students & professors to adopt environment-friendly transport to minimize the environmental impact of automobile use. College offers residential facilities to its professors and non-teaching staff that minimizes to impact on the environment.

VIPT encourages students and teachers to adopt environmentally friendly transport to minimize the environmental impact of automobile use and has also conducted an

Mode of Transportation	Walking	Bicycle	Motorcycle	Car	University Bus	Public Transport	Total
Students	50	10	51	5	150	280	546
Teachers	0	0	17	4	28	0	49
Non-Teaching Staff	8	1	6	0	6	0	21



BUILDING DESIGN & LANDSCAPING



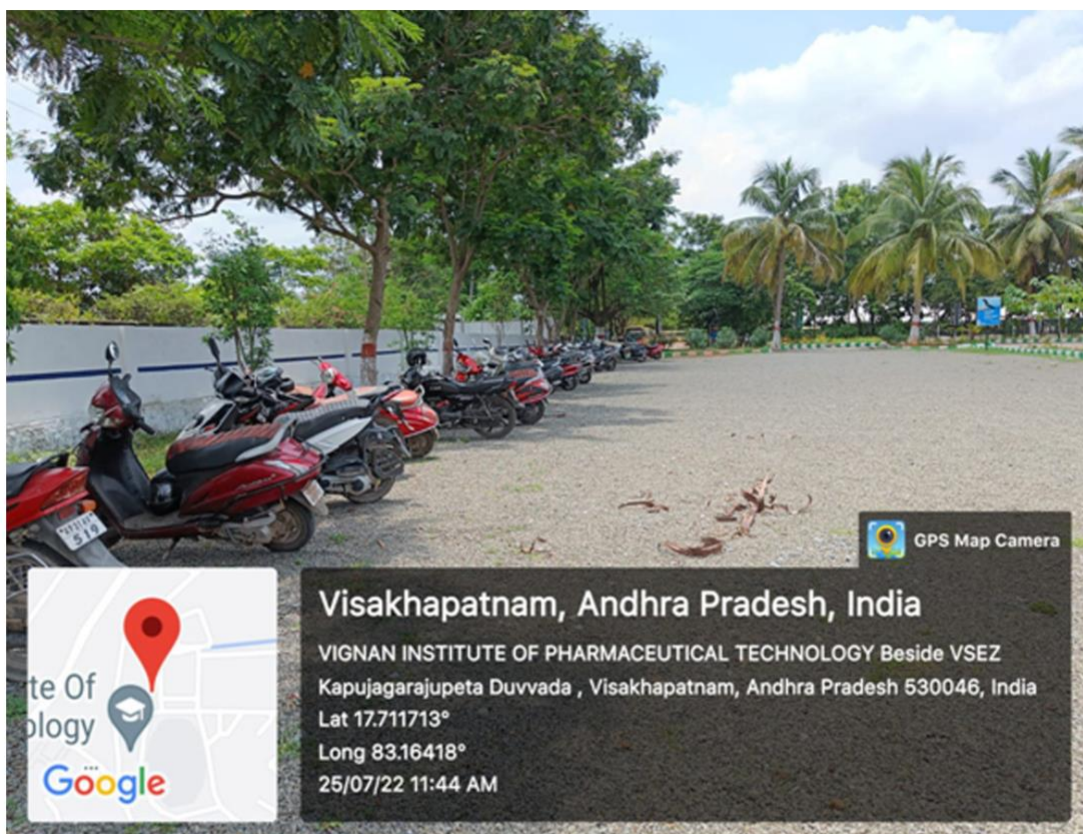
4. Parking Facility

- 1 2 3 4 5 6 7 8 9 10

VIPT has sustainable shaded parking spaces that include sustainable paving materials, energy-efficient or natural lighting, renewable energy sources, and improved pedestrian walkways.

The college provides adequate parking facilities for college buses as well as personalized vehicles of staff and students within the campus.

Mode of Transportation	Buses	Cars	Motor Cycle	Bicycles
Parking Area (Sq.m)	8000	1080	4400	517



BUILDING DESIGN & LANDSCAPING



5. Greenery in Campus

- 1 2 3 4 5 6 7 8 **9** 10

Maintaining a rich diversity of plants is vital to stable and healthy ecosystems as they provide food, shelter, and other important components of habitat for wildlife.

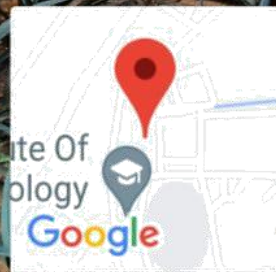
Interaction with Greenery can be beneficial for human stress reduction, emotional states, and improved cognitive function.

VIPT has maximized Greenery on its campus, including community gardens, parks, meadows, green roofs, playing fields, and wetland that supports well-being and education outcomes.

VIPT campus covered with around 30000 plants and tuft area other than build up area. The details of vegetative areas including areas with shrubs, trees, ground covers are shown in below Photographs.

1.	Building foot print	12200 Sq. M
2.	Playground area	32488.93 Sq. M
3.	Vegetated space	38000 Sq. M
	A. Turf area	24000 Sq. M
	B. Area with nativespecies	6000 Sq. M
	C. Area with drought to lerantspecies	7000 Sq. M
	D. Other Speciesare	1000 Sq. M
4.	Non-roof impervious area Water body	15935 Sq.M
5.	Water Body	160 Sq. M

BUILDING DESIGN & LANDSCAPING



Visakhapatnam, Andhra Pradesh, India
Vignan Institute of Pharmaceutical Technology
Beside VSEZ Kapujaggarajupeta Duvvada
Lat 17.711978°
Long 83.164078°
27/07/22 12:21 PM

BUILDING DESIGN & LANDSCAPING

6. Minimize Heat Exposure to Sun: Non-Roof

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VIPT Campus is housing 30,000 trees and plants speared in 3 acres of land area that is restricting impervious surfaces from being exposed to the sun to minimize the impact on microclimate in the campus.

The VIPT campus's total non-roof impervious area is covered with various types of trees, turf, and path ways, as shown in the above figure.

- | | |
|---|----------------|
| A. College campus area : | 12200 Sq.m |
| B. No. of existing trees/saplings planted | 30000 Thousand |
| C. Total non-roof area, covered with trees (foliage) or open grid pavers: | 55760 Sq.m |



BUILDING DESIGN & LANDSCAPING



7. Minimize Heat Exposure to Sun: Roof



VIPT has planted trees in a strategic way that provides shade to the roof in summer; when the leaves fall, the trees allow the sun to shine through, creating a desired solar heat gain effect during the winter.

Most of the roof areas are covered with solar panels, and the remaining areas are covered with tiles & paint to reduce the concrete surface that was exposed to the sun, which minimizes impact on the microclimate on the campus.

VIPT has installed a 350 KW rooftop solar power plant that 75 % of the roof area, which reduces heat exposure from the sun. The remaining 25% of the roof area is painted to reduce the impact on campus microclimates.

- The total roof area is 13245 square meters.
- The solar power plant takes up 9813 square meters of the total roof area, while the roof area covered with paint is 3432 square meters.



BUILDING DESIGN & LANDSCAPING



8. Universal Design

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Universal Design for Learning (U.D.L.) is an approach to teaching and learning that gives all students equal opportunity to succeed. The goal of U.D.L. is to use a variety of teaching methods to remove barriers to learning. It's about building flexibility that can be adjusted for every person's strengths and needs.

Learning spaces at VIPT are designed to facilitate differently abled pupils. Rest Rooms are also designated for differently abled Students; a Hindrance-free movement facility is available in the common area.



Cumulative Score

71/80

WATER MANAGEMENT PRACTICES



1. Rainwater Harvesting: Roof & Non-Roof



The Earth's surface is acquired by 71% with water, but only 3% of water can be used as potable water. Nowadays, the conservation of water is one of the basic principles of green University.

VIPT has a well-designed rainwater harvesting system on campus that enhance the groundwater table and reduces potable water usage. VIPT captures the maximum runoff, the volume of rainwater from Roof & Non-Roof areas.

- The institution intends to use rainwater harvesting roof methods, as The institute as a non-roof method, to improve the ground water table.
- The rainwater harvesting system is designed to handle at least "one day of normal rainfall*" in the last five years.

Average Rain fall (r)						
Location	Year	Peak Rainy Month	Total Rainfall (in mm)	Number of rainy days	Normal Rain fall/ day (mm)	
Visakhapatnam	2021	August	205	14	14.6	
	2020	June	123	10	12.3	
	2019	May	177	17	10.4	
	2018	May	119	15	7.9	
	2017	June	153	16	9.6	
	Average normal rainfall/day (mm)					11
	Average normal rainfall/day (m)					0.011

Note: If then umber of rainy days irrespective months is not available, a maximum of 15 rainy days can be considered to arrive at normal rainfall

- | | |
|---|-----------|
| 1. Average normal rainfall /day in your area - | 11 mm/day |
| 2. Rain water Harvesting Capacity - | 315 cum |
| 3. Run-off Volume Harvesting from Roof & Non-roof areas - | 315 cum |

Run-off coefficients for Typical Surface Types

Sr. No.	Surface Type	Coefficient
1	Cemented / Tiled Roof	0.85
2	Roof Garden (<100 mm thickness)	0.6
3	Turf, Average (1 - 3% slope)	0.35
4	Vegetation, Flat (0 - 1% slope)	0.45
5	Concrete Pavement	0.85
6	Gravel Pavement	0.35
7	Water Body	1
8	Open-grid Concrete Pavement	0.85
9	Playground	0.35

Rain Water Harvesting Calculation

Sr. No.	SURFACE TYPE	Coefficient (c)	Area (m ²) (a)	Impervious area (m ²)
1	Tiled Roof	0.85	13245	11258.25
2	Play ground	0.35	32488.93	11371.13
3	Turf, Flat (0-1% slope)	0.35	24000	8400
4	Vegetation, Average (1-3% slope)	0.45	14000	6300
5	Open Grid Pavement	0.85	15935	13544.75
6	Water Body	1	160	160
	Total impervious area in sq.m. ($\sum I$)			51034.13
	Average normal rainfall in m(R)			0.011
	Total roof and non-roof run-off volume in cu. m ($\sum I \times R$)			561.37
	Storage capacity of pond/ tank etc.in cu.m			300
	Harvesting capacity of recharge pits in cu.m (3 no's)			15
	Percentage (%) of run-off volume harvested			56.14

WATER MANAGEMENT PRACTICES



2. Water Efficient Plumbing Fixtures

- 1 2 3 4 5 6 7 **8** 9 10

VIPT has initiated responsible use of freshwater practices in academic and hostel areas to reduce the consumption of potable water in drinking Water Points, face washing points, urinals, and toilets to reduce the water flow rate in daily use.

Most of the plumbing fixtures are low flow without hampering the performance. Plumbing fixtures have achieved water efficiency standards for Green College and are working properly with no leaks or drips.

Baseline Flow Rates of Plumbing Fixtures

Fixture Type	Maximum Flow Rate	Daily uses per person / day
Water Closets	6 lpf	0.5
Urinals	4 lpf	3
Health Faucet	6 lpf	0.5
Faucet/Taps	6 lpf	3
Kitchen Taps	10 lpm	0
Show the Institute Head	6 lpf	0

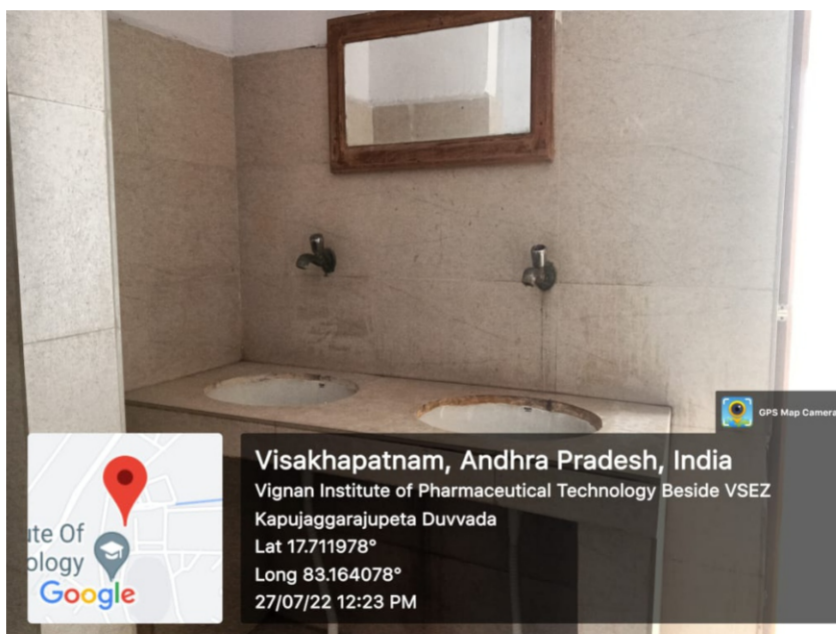


Table : Water use reduction calculation over 1000 students and teachers

Fixture Type	Duration	Daily uses per person / day	Number of students & teachers (n)	Baseline		Proposed	
				Flow rate/ capacity (fb)	Total water use (litres) Tb = (n xfb)	Flow rate/ capacity (fb)	Total water use (litres) Tb = (n xfb)
Water Closets	1 Flush (Full Flush)	1 for male	3304	6 lpf	19824	6 lpf	19824
		1 for female	1431	6 lpf	8586	6 lpf	8586
	1 Flush (Half Flush)	2 for female	0	0	0	0	0
		2 for male	0	0	0	0	0
Urinals	1 Flush		3304	4.0 lpf	13216	4.0 lpf	13216
Health Faucet	0.25		1431	6 lpf	8586	6 lpf	8586

Fixture Type	Duration	Daily uses per person / day	Number of students & teachers (n)	Baseline		Proposed	
				Flow rate/ capacity (fb)	Total water use (litres) Tb = (n xfb)	Flow rate/ capacity (fb)	Total water use (litres) Tb = (n xfb)
Faucet/Taps	0.25	4	5088	6 lpf	30528	6 lpf	30528
Total water use (litres/day)				30528			
Number of working days				210			
Total Annual water use in litres (Total water use x Number of working days)				64,10,880 lpd (litres per day)			

WATER MANAGEMENT PRACTICES



3. Turf Design

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Turf is a major component of the whole landscape in VIPT, which meets functional and aesthetic expectations for the teaching-learning community while at the same time minimizing the impact of natural resources and the greater environment.

The turf area of VIPT has many drought-tolerant species in its total vegetated area that minimizes water consumption.

The institute is located on flat terrain and has 68.14% turf area, with the remaining areas covered with various types of plants, as shown in the figures below.

Type of vegetation	On Ground (Sq.m.)
Turf	24000 Sq. M
Native Species	6000 Sq. M
Drought Tolerant Species	7000 Sq. M
Other plant species	1000 Sq. M
Total	38000 Sq. M

- Total and scaped area (sq.m) Negligible Area
- Total Turf area (sq.m) 24000
- Percentage(%) of vegetated area with turf is 68.14%



WATER MANAGEMENT PRACTICES



4. Water Efficient Landscaping

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Most of the institutes in India use their maximum water for landscape and lawns irrigation, while a water-efficient landscape is one that is functional, attractive, and easily maintained in its natural surroundings.

Whole Landscaping in the VIPT campus is water efficient that reduces water consumption through responsible irrigation practices and mulching. The vegetated area of campus contains drought-tolerant plant species, including trees, shrubs, herbs, climbers, and grass, that require less water than other Species.

The institute is located on flat terrain and has a 23.3% area covered with various types of plants. Details are shown in above table.

- Total land scaped area (sq.m) Negligible Area
- Total Turf area(sq.m) 13000
- Percentage (%) of vegetated area with native and drought tolerant species 23.3%



WATER MANAGEMENT PRACTICES



5. Water Efficient Irrigation System

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VIPT uses sprinkle irrigation, an efficient irrigation system that keeps landscape plants healthy and beautiful. Instead of wetting the whole landscape, water is applied only to the plant root zone.

The primary goal of sprinkle irrigation is to apply water at the time when plants need it most and at rates needed for proper plant growth.



WATER MANAGEMENT PRACTICES



6. Waste Water Treatment

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VIPT follows minimum water discharge campus, which means minimized water is discharged outside the campus, and maximum water is harvested within the campus through many recharging wells.



7. Use of Treated Waste Water

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VIPT has initiated a gray water treatment to be used for flushing toilets and irrigation of vegetated areas that reduce dependence on fresh water.



8. Water Use Monitoring

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VIPT has a standard water monitoring system in place with few flow meters which indicate daily, weekly and monthly water uses in various facilities.

Water loss is prevented through real-time alert of water overflow, leakages, and dripping that ensures judicious use of Water Consumption.

Cumulative Score

66/80

AIR QUALITY LEVEL



1. Tobacco Smoke Control

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VIPT is a totally Smoke-Free Campus. AntiSmoking Policies are strictly implemented that eliminate exposure of students & teachers to tobacco smoke & reduce health impacts caused due to passive smoking.

The institution has taken care to eliminate exposure of students & teachers to tobacco smoke thereby reducing health impacts caused due to passive smoking. There is a stringent policy that carrying tobacco and tobacco products are strictly prohibited in VIPT campus.



AIR QUALITY LEVEL



2. Day Lighting



Indoor environmental conditions in classrooms and namely daylighting conditions, also influence students' health, well-being, and performance. The conscious use of daylight in Classrooms has a great potential for improving the comfort and the academic performance of users, contributing simultaneously to the rational use of energy in the building.

Maximum regular occupied spaces at VIPT Campus are daylit, & average daylight factor is maintained.

The college must ensure all regularly occupied spaces are daylit, thereby improving the health and well-being of students and teachers. List of regularly occupied and non-regularly occupied spaces along with

The illumination level was measured. floor plans show the illumination levels measured in daily, regularly occupied space.

S.No	Space	Prescribed Day light factor (%)	Prescribed Illumination Level (Lux)
1	Class room	3	150-300
2	Labs	2.8	150-300
3	Computer Labs	3	300
4	Library	3	200-300
5	Staff Room, Office Area	3	150-300

Illumination Level Chart

Space	Carpet Area m2	Illumination level Prescribed in lux	Illumination level monitored by lux meter (lux)	Achieve / Not Achieved
Class Room	90	350	500	Achieved
Lab	90	350	500	Achieved
Library	90	350	500	Achieved

AIR QUALITY LEVEL

Day light Factor Chart

No	Visual task	Prescribed Day light Factor
1	Class room desktop, chalk boards	3
2	Laboratory / Workshops/Drawing	2.8
3	Library reading tables	3
4	Staff room,office area	3





3. Fresh Air Ventilation

- 1 2 3 4 5 6 7 **8** 9 10

A good ventilation system helps to expel a build-up of pollutants, bacteria, moisture, and unpleasant odors, such as body odor, from the classroom.

Maximum regularly occupied spaces like Classrooms, Laboratories, Libraries & Indoor Game Facilities of VIPT Campus are adequately ventilated, and that improves the health and well-being of Students & Faculties.

Calculations demonstrating the percentage of openable area considered in regularly occupied spaces.

Sr. No	Space	Carpet Area (Sq.m) (a)	Openble area (b)	Prescribed Percentage or Openble area (b/a)*100	Achieved / Not Achieved
1	Class room	100	50	13.07	Achieved
2	Labs	100	73	9.0	Achieved
3	Computer Labs	100	130	11.6	Achieved
4	Library	100	110	9.4	Achieved
5	Staff Room, Office Area	80	110	10.5	Achieved





4. Area of Class Room

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All learning spaces, including classrooms of VIPT, are well designed according to statutory standards and norms that follow appropriate occupant density, which enhances Student's Productivity.

College must ensure classrooms are the institute level designed with appropriate occupant density, so as to enhance student's productivity.

Area and strength of the students per classroom. Typical classroom layout/floorplans.

No.	Category	No. of students per classroom	Minimum grass area of the class room in m2/student
1	Under Graduate	50	1.3
2	Post Graduate	45	1.3



AIR QUALITY LEVEL



5. Anthropometric Dimensions in spaces

- 1 2 3 4 5 6 7 **8** 9 10

Anthropometry has considerable importance in optimizing the design of buildings. The underlying principle of anthropometrics is that building designs should suit the human body rather than people having to adapt to suit the facilities.

Anthropometric dimensions of learning spaces aim to create safe, comfortable, and productive learning spaces by bringing human abilities and limitations into the design of the building, including the individual's body size, strength, skill, speed, sensory abilities (vision, hearing), and even attitudes.

Maximum learning spaces of VIPT, including Classrooms, Laboratories, Libraries & Indoor Game Facilities, Toilets, and Hostels & Canteen, are designed according to standard anthropometric dimension norms that allow comfort to the students and enhanced learning outcomes.

Toilet Fixtures for students

Anthropometric dimensions	Standing Height of student in meters	
	Under Graduate	Post Graduate
Squatting position	0.4 m	0.4 m
Wash Basin	0.85 m	0.85 m

Sill height, Parapet wall & Rise of stairs

Architectural Element	Height in Meters
Parapet wall	1.85 m
Sill height	1.85 m
Rise of stairs	0.1 m





6. Toxin-free Environment

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Governing body of VIPT has declared the policy to use material with low emissions, especially Paints, to reduce adverse health impacts on the students and teachers.





7. Dust - Free Environment

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Governing body of VIPT has declared the policy to use Dust Free Products, including Chalk & other material, to reduce adverse health impacts on the Students and Faculties.





8. Exhaust Systems

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Exhaust Fans are installed in all Toilets, Urinals, Canteens & Laboratories of VIPT learning, and residential facilities that maximize airflow & enhance Indoor Air Quality.



Cumulative Score

67/80

ENERGY USES & SAVING PRACTICES



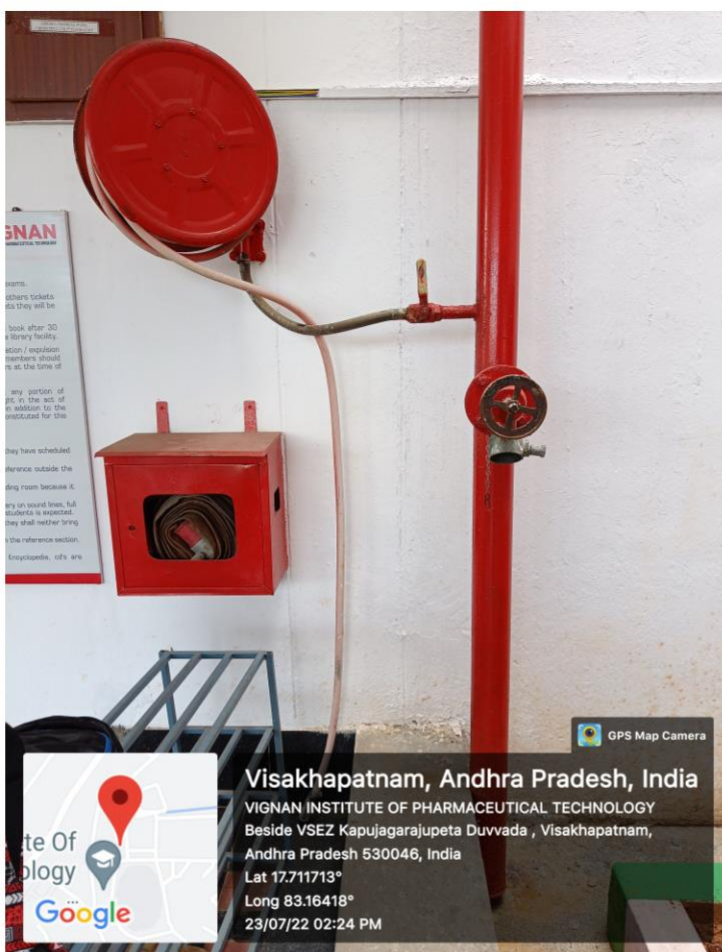
1. Ozone Depleting Substances

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Ozone-depleting substances are chemicals that destroy the earth's protective ozone layer. VIPT has procured refrigerators and air conditioners, fire extinguishers, foam, and aerosol propellants that have minimum impact on Ozone Layer Depletion.

The institute is always encourages use of eco-friendly refrigerants & halons in the College, thereby minimizing the impact on ozone layer depletion.

Photographs of the fire suppression systems used in college.



ENERGY USES & SAVING PRACTICES



2. Energy Efficient Lighting Fixtures

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It has been proven time and time again that natural light is the best solution for reading or studying. VIPT has as much natural light as possible to get the best learning outcome.

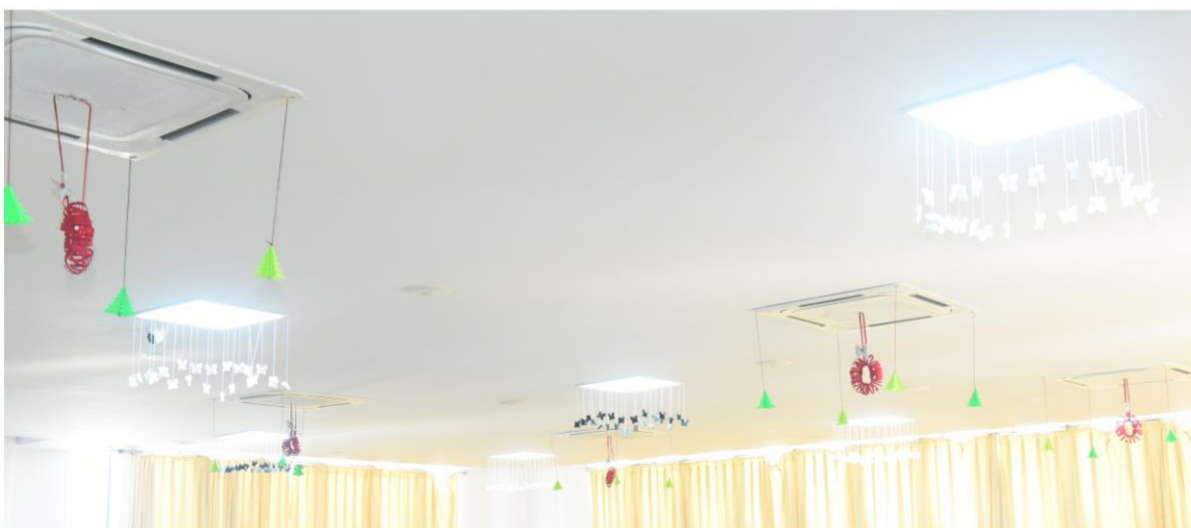
Energy efficient lighting includes the use of more illumination from fewer power lights by replacing high power consumption lights like incandescent and high discharge lamps.

LED lighting provides a safe, secure & energy-efficient environment on campus at all times. LEDs also reduce the cost of operation while satisfying the needs of faculty members and students who can appreciate the benefits of eco-friendly solutions.

LEDs also provide outstanding durability in environments that can place an incredible amount of stress on light bulbs and lighting fixtures, such as a university campus.

Due to the high-quality energy efficiency, LED lighting allows universities to save a significant amount of money on repairs, operating costs, and maintenance costs. When compared to a traditional light bulb, LED light bulbs consume less than half the energy that the traditional light bulb.

VIPT has installed LED Lightening & Fixtures instead of old Lightning, which reduces the



ENERGY USES & SAVING PRACTICES

BASE CASE SCENARIO - Lighting Fixtures Number of working days(n)							
Location	Carpet area (sq.m)	Number of fixtures (f)			Operating hours(hr)	Energy consumption by lighting fixtures in a day (kWxhrxf)	Total energy consumption by lighting fixtures in an entire year (WxHrxfxn)
		9Kw	18Kw	36 Kw			
Classrooms	15620	260	245	370	8	113310	23228550
Labs	12340	344	323	500	8	152910	31346550
Administrative Rooms	3200	110	102	122	8	–	–
Total	–	–	–	–	–	266220	54575100

PROPOSED SCENARIO- Lighting Fixtures Number of working days (n)							
Location	Carpet area (sq.m)	Number of fixtures (f)			Operating hours(hr)	Energy consumption by lighting fixtures in a day (kWxhrxf)	Total energy consumption by lighting fixtures in an entire year (WxHrxfxn)
		9Kw	18Kw	36 Kw			
Classrooms	6271	260	205	410	8	124110	25442550
Labs	8315	344	270	553	8	167220	34280100
Administrative Rooms	3200	110	102	122	8	–	–
Total	–	–	–	–	–	291330	59722650

ENERGY USES & SAVING PRACTICES



3. Energy Efficient Fans

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VIPT has installed Energy efficient Fans and Air Conditioners instead of High Energy Consuming Fans and Air conditioners that reduces the environmental impacts associated with energy use.

Enhancing energy efficiency by installing efficient fans (< 50 W), these institutes reduce the environmental impacts associated with energy use.

Fans	Number	% of Energy Efficient Fans
Energy Efficient Fans	220	79.24
Total Number of Fans	220	NA



ENERGY USES & SAVING PRACTICES

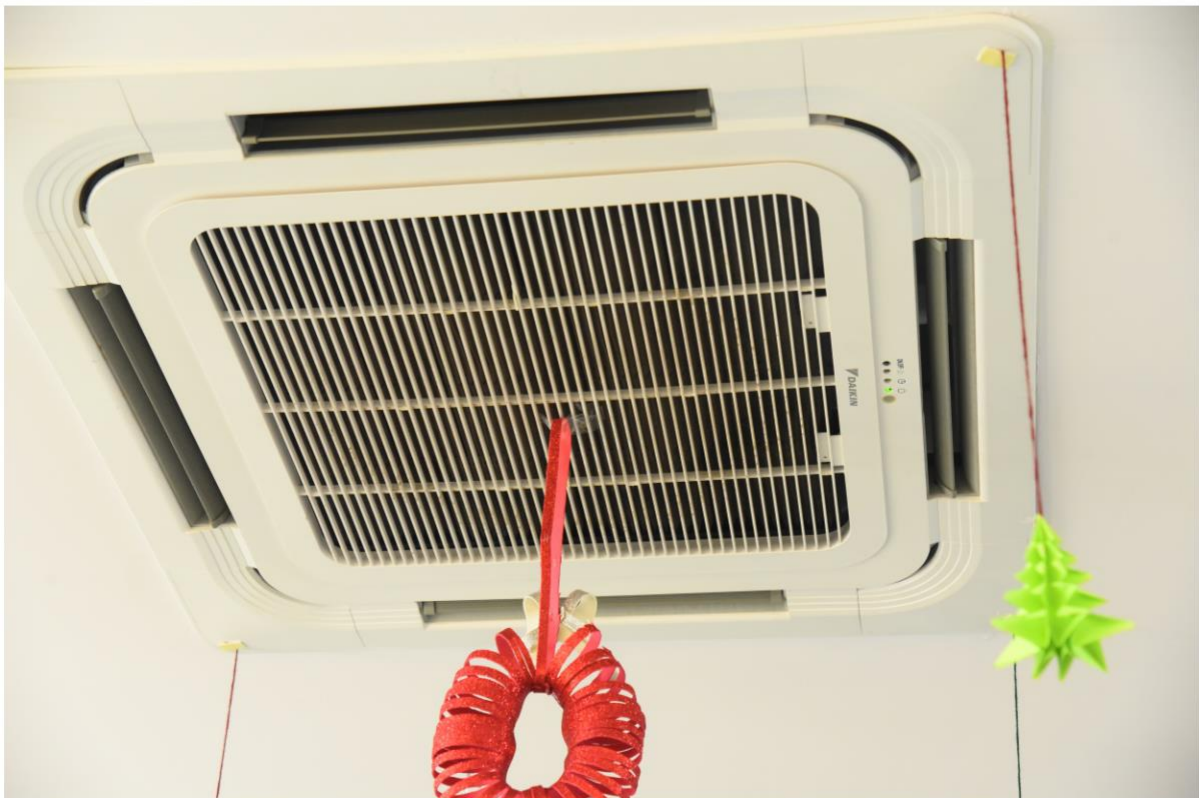


4. Energy Efficiency in Appliances & Equipment

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Modern electronic appliances, such as freezers, ovens, stoves, dishwashers, clothes washers, and dryers, use significantly less energy than older appliances. Installing STAR-rated electronic appliances reduce energy consumption.

VIPT has replaced energy efficient Electronic Appliances & types of equipment instead of High Energy Consuming Appliances that reduce the environmental impacts associated with energy use.



ENERGY USES & SAVING PRACTICES



5. Energy Sub-Metering

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VIPT practices continuous monitoring of energy uses through sub-metering and aspirate metering of each learning space, residential and open spaces throughout the year towards achieving judicious use of energy, which inspires the teaching-learning community to save energy in their day-to-day uses.

The Institute encourages continuous monitoring of energy use to identify and improve opportunities. A solar power grid and sub metering system has been installed on campus.



ENERGY USES & SAVING PRACTICES



6. On-Site Renewable Energy



VIPT has installed a 350 KW Solar power plant as an on-site Renewable Energy Source; however, it encourages the student community to save energy to minimize the environmental impacts of using fossil fuels.

- Employment of more solar panels and other renewable energy sources.
- Conduct more save energy awareness programs for students and staff.
- More energy efficient fans should be installed.
- Observe a power saving day every year.
- Automatic power switch off systems may be introduced.



ENERGY USES & SAVING PRACTICES



7. Solar Water Heating Systems

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VIPT has installed a solar water heating system in all its hostel facilities that minimize the environmental impacts of using fossil fuels.

Encourage use of alternative sources of energy for water heating applications, to minimize the environmental impacts of using fossil fuels. Solar water heater panel of 125W is provided in each hostel building to meet hot water requirements for hostel students.



8. Distributed Power Generation

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VIPT has a well-designed power distribution system in place that allows the power supervisor to monitor the power supply according to the judicious need of the users.

Cumulative Score

71/80

HEALTH & HYGIENE PRACTICES



1. Toilet Facilities

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VIPT has outsourced Hygiene & Cleanliness work to the local external cleaning agency, which maintains Hygiene & Cleanliness standards in all toilets regularly, which reduces the infection risk to Students' and Teacher's Health & well-being.

To reduce infections in students and teachers, thereby enhancing their health, the college must provide clean toilets. Twice a day, toilets under the supervision of floor in charges are cleaned.



HEALTH & HYGIENE PRACTICES



2. Drinking Water Facility

1 2 3 4 5 6 7 8 9 10

Water Quality of all Drinking Water stations & Tapes is maintained at VIPT Campus. Water Quality Reports are checked by Government Authorized Laboratories at regular intervals of time to ensure Clean & Safe Drinking Water at all the time to everyone.

- The institute has quality of Bore, water filter plant and well water to supply the potable water standards.
- The quality of waste water meets the prescribed values by State Pollution Control Board, as applicable.
- IS: 1500-2012 RO purified Drinking water is provided in each block.

Water quality of VIPT Campus

Sl No	Parameter	Bureau of Indian Standards (10500-1983) for drinking water quality	Raw Water Quality Analyzed before Treatment	Water Quality Analyzed After RO & UV Treatment
1	pH	6.5-8.5	7.3	7.3
2	EC μ mhos/cm at 25°C	2250	1100	661
3	Turbidity NTU	1.0 - 5.0	12.5	2.1
4	Total Dissolved Solids, (mg/L)	500-2000	705	390
5	Hardness, (mg/L)	200-600	670	355
6	Chlorides,(mg/L)	250-1000	315	215
7	Nitrates, (mg/L)	45	2.2	2.1
8	Sulphates, (mg/L)	200- 400	245	230
9	Iron, (mg/L)	0.3-1.0	0.8	0.7
10	Fluorides, (mg/L)	1.0-1.5	1.6	1.4
11	E.coli, no/100 ml water	Nil	Nil	Nil

HEALTH & HYGIENE PRACTICES



3. Access to Healthy Food

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Healthy Food plays an important role in the optimal growth, development, health, and well-being of individuals in all stages of life. Healthy and nutritious Food is accessible to all students & teaching staff at the Canteen of VIPT to maintain the fitness of the teaching-learning community. The catering facility of VIPT is outsourced to the local food-making agency. Junk Food is strictly prohibited on Campus.

The institute provides healthy food in the campus hostels and canteens. The institute established a committee to check the quality of food in regular intervals.



HEALTH & HYGIENE PRACTICES



4. Sports Amenities

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VIPT offers various sporting opportunities to its undergraduate, postgraduate & doctoral students. All Indoor & Outdoor sports amenities at VIPT are designed to achieve excellence in sports to enhance the growth and health of students.

The all-round development of students is made possible through the following sports and cultural activities: all the indoor and outdoor activities, i.e., Badminton, Basketball, Chess, Cricket, Football, Handball, Kabaddi, Kho-Kho, Netball, Tennis, Table Tennis, Volley ball. The institute well-equipped gym and a yoga centre are on hand to help students and faculty become physically and mentally strong. The cultural activities are: dance, music, fine arts, literature, and public speaking



HEALTH & HYGIENE PRACTICES

5. Dedicated Playground

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VIPT has dedicated Sports Amenities for cricket, football, volleyball, Kabaddi, tennis, basketball, and badminton, while facilities for other sports are shared to minimize the impact on the environment.

The institute provides Sports facilities spread over an approximately 46,889 sq.m. area provide facilities for cricket, foot-ball, volley-ball, Kabaddi, tennis, basketball, badminton, and indoor games as shown in below figures.



HEALTH & HYGIENE PRACTICES



6. Organic Fertilizers and Pesticides

1 2 3 4 5 6 7 8 9 10

VIPT uses Organic Fertilizers and Pesticides to reduce Health impacts on Students and Faculties. Composting pits prepare enough fertilizers for the entire vegetated area.



7. Green Housekeeping

1 2 3 4 5 6 7 8 9 10

VIPT uses environment-friendly cleaning products to clean its Learning & residential spaces. Eco-friendly Cleaners are also used to clean the toilets and drinking water Stations to prevent chemical-related Health hazards.



Cumulative Score

58/70

SUSTAINABLE RESOURCES UTILIZATION



1. Waste Segregation



The waste Segregation Mechanism is well placed at VIPT Campus. Waste generated through various sources and practices is being segregated in a safe manner & sent to recycling & composting sites or authorized recyclers safely, preventing the trash from being sent to landfills.

The Institute facilitates separating different types of waste at the source to prevent debris from being sent to landfills.

Solid Waste Management

Segregation at source is routinely carried out on campus by using color-coded bins for the collection of organic, biodegradable waste, recyclable waste, and sanitary waste.

The food waste from canteens and food joints is regularly collected and used as input for the biogas plant set up on the campus. The sludge from the plant is used as manure for horticulture and agricultural purpose through agents who procure it.

Recyclable plastic waste, like pet bottles, cartons, and stationery, is collected and stored in a shed and sold monthly once to vendors for recycling.

Selected plastic bottles are shredded into thin threads and used in novel concrete experiments using unconventional materials.

Utilization of Bio-degradable plates, especially during the events. Green and clean campaigns are



SUSTAINABLE RESOURCES UTILIZATION



2. Organic Waste Management

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Since VIPT has adopted the philosophy of “reduce - reuse – recycle.” Therefore all organic waste is sent to various composting and Vermicomposting Facilities that make waste into a resource and prevents the waste from being sent to landfills.



SUSTAINABLE RESOURCES UTILIZATION



3. Green Policy



VIPT framed a broader Green Policy that inspires its teaching-learning community to take responsibility for the future through their behavior with nature and natural resources.

An Environment policy of our institute consists of Laws, rules and regulations related to an environment problems that are developed, implemented and enforced by VIIT, includes educating students and employees on environmental concerns and sustainability; Research and Development programs that could turn an institute into a carbon-negative institute; environment concerns in planning and decision making; encouraging collaborations among institutes & also with International environment related organization such as UNEP, WHO, UNDEP, FAO, WORLD BANK, GEP, GEF, IUCN and so on.

VIIT Management strategy

VIIT is entering into a new era by shifting to something more flexible that is quite adaptable. The new model is that of a network instead of a hierarchy. In this network model, the Management is playing a vital role in leading the organization by developing the Vision, Values and Objectives for VIIT Environment policy and promoting feedback from employees, encourage innovation and adaptation, and establishing employee performance goals. An important aspect of emerging network organization is its use of adaptive management strategies to cope with new information and changing conditions, to learn from experience, and to modify plans quickly as needed. This approach uses the basic techniques of Science and Systems analysis to develop computer models for examining alternative plans and projecting possible outcomes or scenarios. The primary goal is to anticipate problems rather than simple react to them.

Objectives:

- To sustain Natural resources, Environmental quality in VIIT campus includes Biodiversity, Water, Soil, Food, Renewable energy resources and Human society.
- To sustain Biodiversity by converting VIIT campus into Terrestrial Ecosystem with species approach and promoting environmental management and conservation with enhancement of awareness among students & staff of the campus.
- To develop green economy by using sustainable agriculture, building sustainable communities and eliminating poverty.
- To make an assessment, document on Green area of the campus, the waste minimization & recycling, ambient environmental condition of air, water and noise in the campus periodically and make a report on the status of the environmental compliance.

SUSTAINABLE RESOURCES UTILIZATION

Methodology

1. Travel & Transport

Introducing Bicycles and battery operated trolleys as alternatives to the motor vehicles in the campus. Advantages include Pollution free and quite campus that ultimately promotes for resource conservation. Use of common transport like buses by the staff and students for long distance transport is advantages which are already implemented by VIIT. It can be extended to other routes also as needed and can greatly reduce individual's contribution towards pollution loads.

2. Solid Waste Recycle & Reductions

A. Recycling is an important way to collect waste materials and turn them into useful products that can be sold in market place. Five major types of materials that can be recycled – Paper products (includes newspapers, magazines, office paper & card boards), glass, aluminium, steel and some types of plastics.

b. Composting bio-degradable organic waste mimics nature by recycling plant nutrients to the soil.

C. Hazardous waste is any discarded solid or liquid material that is toxic, ignitable, corrosive, or reactive enough to explode or release toxic fumes. We can burn, bury, detoxify, reuse, recycle, or not produce hazardous waste. Develop and implement waste management practices that prioritize disposal in line with the waste hierarchy to reduce the institutions waste output to landfill.

3. Water Management

We are withdrawing groundwater which is good source of water for drinking & irrigation. Advantages are: Available year-round, renewable, no evaporation losses and cheaper. Summer storage tanks can be constructed as alternative source of water during summer period. Drip & Sprinkler systems can be used to conserve the water. Treated sewage water can be used for irrigation. We waste about two-thirds of the water we use but using water more efficiently could reduce wastage to about 15%.

Reducing water wastage

by developing landscape yards with plants that require little water, using of Drip & Sprinkler irrigation, fixing waterleaks, using water meters and charging, using waterless composting toilets (Bio toilets / Water Saving toilets), Collecting and using water to irrigate lawns & non-edible plants, purifying and reusing water for irrigation by constructing sewage treatment plants.

- Underground drainage system, Sewage Treatment Plant (STP) and Effluent Treatment Plant (ETP) to be established in the VIIT campus.

SUSTAINABLE RESOURCES UTILIZATION

- Additional number of noise testing meters (05 No.) and Respirable Dust Samplers (05No.) are required for continuous monitoring of noise and Total Suspended Particles (TSP).

Drinking water through RO Systems has to be periodically monitored related to Physico-chemical & Microbiological quality at source & different distribution points.

4. Biodiversity & Conservation

VIIT campus is spread out over an area of 16.64 hectares. that consists of about 125000 variety of flora that includes trees, shrubs, herbs, climbers and some exotic plants. A major part of the vegetation includes the native varieties of trees, shrubs and herbs that are grown naturally. Apart from these natives, some are planted to abate the pollution loads and for beautification purpose. Over the campus covers a wide variety of flowering, ornamental, medicinal and air purifying plants.

Recently a Raasi Vanam was created, to make the students aware of our sanathan dharma which entangles with worshipping plant species based on our Zodiac signs. Apart from this, students were made to adopt a plant and look after them. It is regular practice of VIIT to add some more plants for every special occasion. Making the guests plant a sapling within the campus and also gifting them with a sapling are some of the best practices our institute is following since long. Furthermore, the institute would focus on building a detailed report on the flora and fauna and the impact of developmental activities on their existence. As this would help us focus on the impacts the areas of improvement for a more sustainable future ahead.

5. E-Waste

The VIIT has committed towards the maintenance of the friendly ecosystem of its campus. In order

to maintain the wellbeing and healthy environment in the campus, the standard process for e-waste

Management is put in practice for proper disposal of end of life, and non-functioning electronic computing equipment's after reducing, reusing and refurbishing to the maximum.

The broad policy guidelines are:

- Each department to consolidate the end of life and non-functioning electronic and computing equipment.
- To minimize the new procurement of IT Assets, the centralized IT department initiates the process for reusing through refurbishment/recycling of electronic and electrical components, replace the spares and repairing the non- functioning the IT assets to reduce the e-waste to the maximum.
- The centralized IT department to consolidate the final non- functioning electronic and computing components and put forward the proposal to purchase committee once in a year for proper disposal of e-waste without causing any environmental problems.

SUSTAINABLE RESOURCES UTILIZATION



4. Salvaged Materials

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VIPT makes new furniture & fixtures by using salvaged materials to reduce the dependence on virgin materials.



5. Eco-friendly Wood Based Materials

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VIPT encourages using Certified Composite Wood to encourage the use of Eco-friendly Wood Based Materials towards conserving Forest Resources and reducing the dependence on virgin materials.

SUSTAINABLE RESOURCES UTILIZATION



6. Materials with Recycled Content

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VIPT uses materials in its new construction sites and repairing spaces, which have recycled content like Concrete, Bricks, Fly ash Bricks, Aluminum Windows, and Glass & Tiles to reduce environmental impacts associated with the use of virgin materials.

VIPT uses Building Materials available locally to minimize the associated environmental impacts resulting from transportation to build its new facilities.



7. Local Materials

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VIPT uses Building Materials available locally to minimize the associated environmental impacts resulting from transportation to build its new facilities.

Cumulative Score

43/70

SUSTAINABILITY EVALUATION CHART

Sr. No.	Assessment Areas	Cumulative Score
1.	GOVERNANCE & ACADEMIC	37/40
2.	BUILDING DESIGN & LANDSCAPING	71/80
3.	WATER MANAGEMENT PRACTICES	66/80
4.	AIR QUALITY LEVEL	67/80
5.	ENERGY USES & SAVING PRACTICES	71/80
6.	HEALTH & HYGIENE PRACTICES	58/70
7.	SUSTAINABLE RESOURCES UTILIZATION	53/70
Total		423/500

Certification Level

Rejection 000-100 Points	Certification 100-200 Points	Silver 200-300 Points	Gold 300-400 Points	Platinum 400-500 Points



GREEN MENTORS

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Special Consultative Status with the
Economic and Social Council of United Nations from 2021

For more details:

B-802, Mondeal Heights, Near Wide Angle Cinema,
S.G. Highway, Ahmedabad - 380 015, Gujarat, India

+91 79 49000160 | info@greenmentors.in | www.greenmentors.in



Certificate

ENERGY AUDIT

Academic Year 2022 - 2025



This is to certify that

VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY (VIPT)
Visakhapatnam, Andhra Pradesh

has achieved the energy uses standards for the learning spaces
with least impact on environment during the
Green Institute Audit - 2022-25.

This Certificate is issued on the bases of Green Institute Audit Report 2022-25



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Virendra
24-08-2022
Virendra Rawat
Director, Green Mentors

y. sreed
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Address: VSEZ, Duwada



GM/EYA/2022/023/E1

ACCREDITATION



EARTH



WATER



AIR



LIGHT



SPACE



CERTIFICATE



EDUCATION



INNOVATION



HYGIENE



SPACE



TRANSPORT

VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY (VIPT)

Visakhapatnam, Andhra Pradesh

has successfully achieved the Green Institute Accreditation Standards, designed & defined by Green Mentors, & hereby Accredited as a

GREEN INSTITUTE

in Platinum Ranking.



Virendra
24-08-2022

Virendra Rawat
Director, Green Mentors



GREEN MENTORS
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Economic and Social Council of United Nations from 2021

Principals
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46

This Certificate is issued on 24th August, 2022 & Valid till the Academic Year 2025

GM/GA/2022/023/G1



EARTH



WATER



AIR



LIGHT



SPACE

ENVIRONMENT AUDIT 2022-25



EDUCATION



INNOVATION



HYGIENE



SPACE



TRANSPORT

Certificate

This is to certify that

VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY (VIPT)
Visakhapatnam, Andhra Pradesh

has achieved the global standards for environmental responsibility with
academic accountability for the Universities during the Green Institute Audit - 2022-25.

This Certificate is issued on the bases of Green Institute Audit Report 2022-25

GM/EA/2022/23/E



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Economic and Social Council of United Nations from 2021



Virendra

PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Juvvada, Visakhapatnam

Virendra
24-08-2022
Virendra Rawat
Director, Green Mentors



VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY

www.vignanpharma.com (Approved by AICTE, PCI New Delhi & Affiliated to JNTUK) Estd.2006

An ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified Institution

Beside VSEZ, Kapujaggaraju peta Duvvada, Visakhapatnam-530049. A.P

Phone 0891-2511222/2589777, Fax: 0891-2752333; email: viptvizag@gmail.com

ACHIEVEMENT REPORT

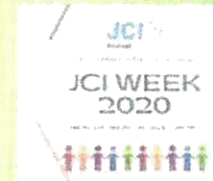
The College is established in 2.8 acres of land where 70% is covered with greenery. The premises consists of 3 major blocks designed with optimum day lighting, program ventilation having wide corridors with indoor plants on either side.

As an outcome of all the efforts made by Vignan Institute of Pharmaceutical Technology, the institution received various awards & recognitions for maintaining green campus.

- Received Green Campus Award from JCI waltair, as an appreciation of commitment & service towards Green Campus Initiatives in 2018.
- Received Green & Smart Campus award from JCI waltair, as an appreciation of commitment & service towards Green Campus Initiatives in 2020.
- Received ISO Certification for effective environment management system & conforming to the requirements of ISO 14001:2015 in 2022.



Principal
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
beside: VSEZ, Duvvada, Visakhapatnam-46



This is to certify that
VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY
is awarded with

GREEN & SMART CAMPUS AWARD

2020

Appreciation for their commitment and
service towards Green & Smart Campus Initiative

15-09-2020

DATE

Y. Sivaram
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
VSEZ, Bhubaneswar, Vishakhapatnam-48

HGF S. Sapthagiri Reddy
HGF S. SAPTHAGIRI REDDY
PRESEDENT -2020



This is to certify that
VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY
 is awarded with

GREEN CAMPUS AWARD 2018

Appreciation for their commitment and
 service towards Green Campus Initiative

DATE

10th SEP 2018

J. Siva
 PRINCIPAL
 VIGNAN INSTITUTE OF
 PHARMACEUTICAL TECHNOLOGY
 Je, VSEZ, Devrada, Visakhapatnam-46

J. Siva

Jc Dr. J. Siva Satyanarayana
 President - 2018



Certificate of Registration

This is to Certify that
Quality Management System of

VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY

ADDRESS : BESIDES VSEZ , KAPUJAGGARAJUPETA
DUVVADA,VADLAPUDI , GAJUWAKA , VISAKHAPTNAM - 530049 , A.P,
INDIA


has been assessed and found to conform to the requirements of

ISO 9001:2015

for the following scope :

**IMPARTING TECHNICAL EDUCATION IN THE FIELD OF
PHARMACEUTICAL SCIENCES FOR UNDER GRADUATE AND POST
GRADUATE LEVEL**

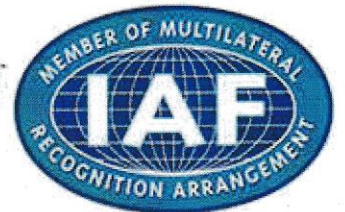
Certificate No	: 22IQJE46	Issuance Date	: 03/03/2022
Initial Registration Date	: 03/03/2022		
Date of Expiry	: 02/03/2025		
1st Surve. Due	: 03/02/2023	2nd Surve. Due	: 03/02/2024



Director



ACCREDITED
Management Systems
Certification Body
MSCB-119



AQC MIDDLE EAST LLC

Head Office: Office No. 02, Ground Floor, Sharjah Media City, Sharjah, UAE. e-mail : info@aqcworld.com.

Key Location: A-60, Sector - 2, Noida, Uttar Pradesh, 201301, India.

*Validity of the Certificate is subject to successful completion of surveillance audit on or before of due date. (In case surveillance audit is not allowed to be conducted, this certificate shall be suspended/withdrawn).

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Clean and Green Campus

A "green campus" is a location where sustainable and eco-friendly practises are promoted through education and environmental friendly actions. The idea of a "green campus" gives a facility the chance to take the initiative in reinventing its environmental culture and building new paradigms by addressing human needs in the areas of the environment, society, and the economy.

In order to make the campus more environmentally friendly, wasted inefficiencies must be eliminated, conventional energy sources must be used for everyday power demands, proper disposal must be handled, environmentally friendly goods must be purchased, and a recycling program must be successful. The institute has to develop time-bound plans for implementing green campus initiatives. In order to provide a clear and transparent institutional planning and budgeting process, these techniques must be aimed to develop a clean and green campus.

Major Green campus Initiatives in VIPT campus:

- Institute Medicinal Plant Garden
- Pedestrian friendly Road
- Paperless office
- Energy Efficient Campus
- Plastic free campus
- Landscaping with trees and plants
- Eco Friendly and Plantable Ganesh Idols
- Plantations on Birthdays



f. siva
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46

Initiatives for Plastic Free Campus

The Institute is meticulously committed to work towards plastic free campus. The institute is sensitizing students and nearby communities on the detrimental effects of plastic and creating awareness of plastic alternatives.



Y. Suresh
Principal
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duwada, Visakhapatnam-46

Landscaping with Trees and Plants



Y. Suresh
 PRINCIPAL
 VIGNAN INSTITUTE OF
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 Beside: VSEZ, Duvvada, Visakhapatnam-46



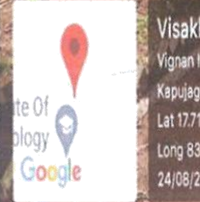
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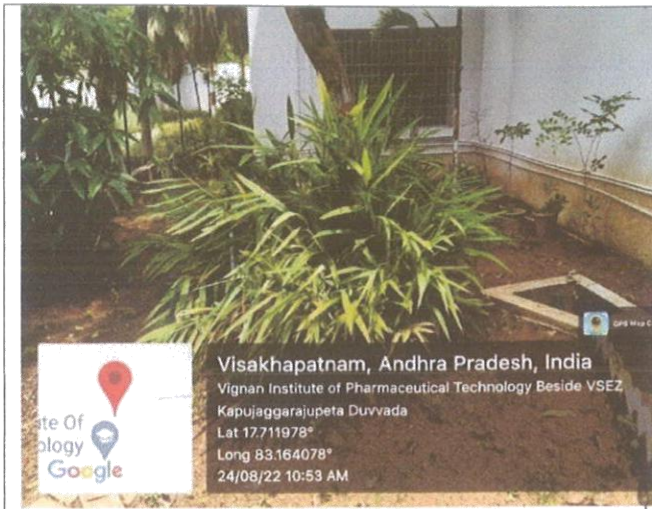


G. Srinivas
 PRINCIPAL
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 Beside: VSEZ, Duvvada, Visakhapatnam-46

Institute's Medicinal Plant Garden



Y. Suresh
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46



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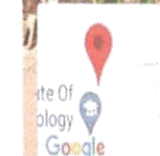
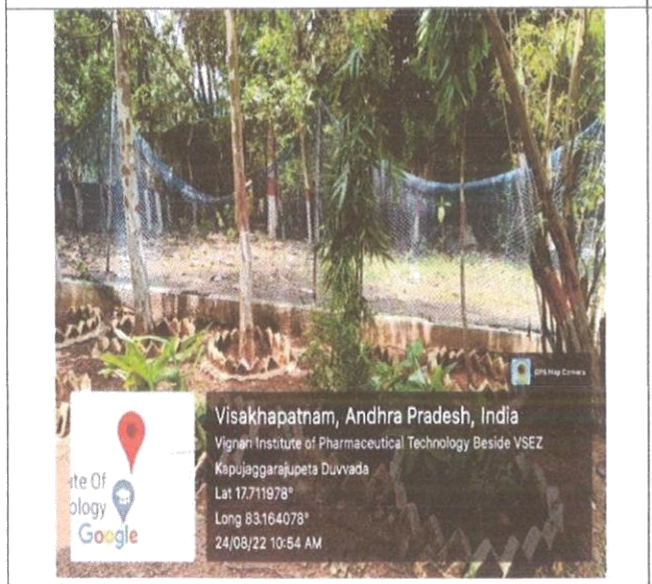
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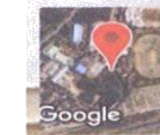
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 Andhra Pradesh 530046, India
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 Long 83.163502°
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of Vignan
 PRINCIPAL
 VIGNAN INSTITUTE OF
 PHARMACEUTICAL TECHNOLOGY
 Beside: VSEZ, Duvvada, Visakhapatnam-46

Pedestrian friendly Roads



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VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46

Restricted Parking



Restricted entry of vehicles on some days

Vignan Institute of Pharmaceutical Technology, Kapujaggarajupeta, Visakhapatnam, Andhra Pradesh 530049		Vignan Institute of Pharmaceutical Technology, Kapujaggarajupeta, Visakhapatnam, Andhra Pradesh 530049	
Latitude	17.71184 ⁰	Latitude	17.71184 ⁰
Longitude	83.164141 ⁰	Longitude	83.164141 ⁰

Paperless office

All offices are committed to a paperless concept by displaying all notices and information digitally through email, SMS, whatsapp groups, as much as possible in classrooms. For which the institute is equipped with high-speed Wi-Fi. Other practices such as reusing single-sided paper for notes, rough work, rough prints, etc. Cashless payments are often encouraged. We also aim to reduce the amount of paper used.



[Handwritten Signature]
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PHARMACEUTICAL TECHNOLOGY
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Energy Efficient Campus



Eco Friendly Ganesh Idols

VIPT is always conscious of the environment and think of all possible ways to protect the Mother Nature. In this regard, Vignan Institute of Pharmaceutical Technology creates awareness among people and students by making and distributing clay idols.



f. Subeesh
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46



Plantations on Birthdays and Special days

VIPT encourages all students to plant a tree on their birthdays under the notion “One student – One tree”.



G. Suresh
VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY
 Beside: VSEZ, Duvvada, Visakhapatnam-46



Vignan Institute of Pharmaceutical Technology
 Latitude: 17.711765, Longitude: 83.164114
 Visakhapatnam, Andhra Pradesh



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 Longitude: 83.164105°
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Latitude: 17.711692°
 Longitude: 83.164105°
 03/01/22 11:07 AM



Visakhapatnam, Andhra Pradesh, India
 P67745M5, Block D, Visakhapatnam, Andhra Pradesh 530049, India
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 Longitude: 83.164183°
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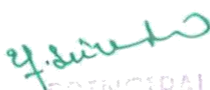


y. Subeesh
 PRINCIPAL
 VIGNAN INSTITUTE OF
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 Beside: VSEZ, Duvvada, Visakhapatnam-46

BEYOND THE CAMPUS ENVIRONMENTAL PROMOTIONAL ACTIVITIES

S.NO	ACADEMIC YEAR	ACTIVITIES	PLACE	DATE
1.	2021-22	Plantation with Family on World Environment Day	Student Homes, Visakhapatnam	05.06.2021
2.		Swachh Bharat Initiatives and Sanitization of Village	Sattivanipalem, Visakhapatnam	23.03.2022
3.		Awareness Rally on Effects of Plastic Usage and Distribution of Cotton Bags	Sattivanipalem, Visakhapatnam	24.03.2022
4.		Plantation in village and school	Sattivanipalem, Visakhapatnam	12.04.2022
5.		Awareness Rally against Tobacco Use	KapuJaggarju peta, Visakhapatnam	31.05.2022
6.	2020-21	Plantation	VIITCampus, KapuJaggarjupeta, Visakhapatnam	11.08.2020
7.	2019-20	Construction of Water Conservation pit	Sattivanipalem, Visakhapatnam	29.07.2019
8.		Clean-India Program Under Swachh Bharat	Vignan Steel City Public School, Visakhapatnam	10.01.2020
9.		Plantation	Sattivanipalem, Visakhapatnam	16.03.2020
10.		Sanitization Of Village Premises Under Swachhbharat	Sattivanipalem, Visakhapatnam	19.03.2020
11.	2018-19	Environment Protection by Plantation Program	Kapujaggarajupeta and Vignan Steel city school, Visakhapatnam	05.06.2018
12.		Sapling donation on National Pollution Control Day	Sattivanipalem, Visakhapatnam	02.12.2018
13.	2017-18	Plantation Program	Sattivanipalem, Visakhapatnam	21.03.2018




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PLANTATION WITH FAMILY ON WORLD ENVIRONMENT DAY

Because of covid crisis our NSS volunteers planted saplings with their parents at their respective homes. Also online competitions were held. Students of about 40 had volunteered. Student participated in Events like Essay writing, Drawing competition, smart activity. All the branches of the students were participated.

Students participated in online Drawing Competition on World Environment Day



Students participating in Plantation with Family Members on World Environment Day



Y. Srinivas
PRINCIPAL
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Beside: VSEZ, Duwada, Visakhapatnam-46

SWACHH BHARAT INITIATIVES AND SANITIZATION OF VILLAGE

NSS unit of VIPT organized Swachh Bharat initiatives and sanitization of village at adapted village Sathivanipalem. NSS volunteers conducted cleaning activity in the village and in school. They were involved in cleaning of roads and in sanitization of drainages. They also promoted the importance of Swachh Bharath mission. Total 57 students were participated in the program.



Cleaning temple premises at Sattivanipalem



Paper Clipping



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 Beside: VSEZ, Duvvada, Visakhapatnam-46

AWARENESS RALLY ON EFFECTS OF PLASTIC USAGE AND DISTRIBUTION OF COTTON BAGS

“Awareness rally on effects of plastic usage and distribution of cotton bags” conducted on 24/03/2022. Volunteers were conducted a mass awareness rally on the ill effects of indiscriminate usage of plastic in Sathivanipalem. The students raised slogans against use plastic bags and carry bags and also explained its negative impact on environment. They distributed cotton bags and requested them to avoid the usage of plastic bags. A total of 45 students participated in this activity.



Students in awareness rally against plastic use



News paper clipping



Principals
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
 Beside: VSEZ, Duwada, Visakhapatnam-46

PLANTATION IN VILLAGE AND SCHOOL

“Plantation in Sathivanipalem village and school” conducted on 12/04/2022. Dr.S.Satyalakshmi addressed the gathering about the importance of Plantation. She explained school children about the impact of global warming and stressed how this plantation helps to reduce global warming. She also emphasized on the need of Plantation in village for the future generations. A total of 58 students participated in the plantation program.



Sapling donated to Grama Sachivalayam



S. Satyalakshmi
VIGNANI INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46

AWARENESS RALLY AGAINST TOBACCO USE

An awareness rally conducted against tobacco use on World No Tobacco Day. NSS Unit of VIPT-Students actively participated in the rally and they raised voice against tobacco use and its ill effects on health of the public. On this day conducted essay writing and slogan competitions to students. The rally was inaugurated by Principal Dr.Y.Srinivasa Rao and continued in the surrounding village of our college. A total of 46 students participated in this rally.

పొగాకు వినియోగంతో అనర్థాలు

ఆగనంపూడి, న్యూస్టుడే: పొగాకు ఉత్పత్తుల వాడకంతో ఆరోగ్య సమస్యలు, ఇతర అనర్థాలు తలెత్తుతాయని ఆగనంపూడి హోమీయోపాథి కేన్సర్ ఆసుపత్రి డైరెక్టర్ డాక్టర్ ఉమేష్ మహాంతి శెట్టి తెలిపారు. ప్రపంచ పొగాకు నిర్మూలన దినం సందర్భంగా బుదవారం ఆసుపత్రిలో ఏర్పాటు చేసిన అవగాహన కార్యక్రమంలో ఆయన మాట్లాడారు. పొగాకు తాగినా, పీచినా, నమిలినా నోటి కేన్సర్లు వచ్చే అవకాశం ఉందన్నారు. దీనిపై వీలైనంత ఎక్కువ మందికి అవగాహన కల్పించి పొగాకు వాడకానికి దూరంగా ఉండేలా చూడాలన్నారు. మూడు నెలల పాటు జిల్లా వ్యాప్తంగా అవగా



అవగాహన కల్పిస్తున్న ఆసుపత్రి సిబ్బంది

హన కార్యక్రమాలు నిర్వహిస్తామన్నారు. అనంతరం ఆసుపత్రి పరిసరాల్లో ప్రత్యేక డ్రైవ్ నిర్వహించి ప్రజలకు అవగాహన కల్పించారు. వివిధ విభాగాల సిబ్బంది పాల్గొన్నారు.


కూర్మన్నపాలెం, న్యూస్టుడే : కాపులరాజుపేటలో విజ్ఞాన్ మహిళా ఇంజనీరింగ్ కళాశాల ప్రిన్సిపల్ జ్యోతుల సుధాకర్ అధ్యక్ష్యంలో నిర్వహించిన ర్యాలీలో విద్యార్థినులు పాల్గొని... షకార్తులతో ప్రజలకు అవగాహన కల్పించారు. అకడమిక్ డైరెక్టర్ ఎ.శేషారావు, డీన్ పీఎస్.రవీంద్ర, కే.సుహాసినీ, అధ్యాపకులు, సిబ్బంది పాల్గొన్నారు. ★ విజ్ఞాన్ పార్కా కళాశాల జాతీయ సేవా పథకం విద్యార్థులు నిర్వహించిన అవగాహన ర్యాలీలో ప్రిన్సిపల్ వై.శ్రీనివాసరావు, ఎన్.ఎస్.ఎస్ పీవో, ఇతర అధ్యాపకులు పాల్గొన్నారు.



ర్యాలీలో విజ్ఞాన్ ఫార్మా కళాశాల విద్యార్థులు

News Paper clipping




PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
 Beside: VSEZ, Duvvada, Visakhapatnam-530

TREE PLANTATION

Principal, NSS-PO and staff were involved in this event Planted different medicinal value containing plants in the campus. Took necessary measures like fencing, and watering for survival of plants.



Vignan Institute of Information Technology
Latitude: 17.711349, Longitude: 83.163872

Plantation in campus



y. srikanth
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duwada, Visakhapatnam-46

CONSTRUCTION OF WATER CONSERVATION PIT

“Construction of Water Conservation Pit” conducted on 29/7/2019. Mr.M.Vinod Kumar explained about the importance of Water Conservation methods. He also emphasized on the need of conserving water for the future generations. He also explained the general measures involved in conserving water and from rain. A total of 48 students participated in the plantation program.



Sathivanepalem, Visakhapatnam, Andhrapradesh 531173	
Latitude	17.711682°
Longitude	83.164105°

Students and villagers were participating in construction of water conservation pit



M. Vinod Kumar
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duwada, Visakhapatnam-46

CLEAN-INDIA PROGRAM UNDER SWACHH BHARAT

Clean India program under Swachh Bharat conducted on 10/01/2020. NSS volunteers, students and faculty members have involved in cleaning in Vignan Steel City Public School Premises. A total of 48 students participated.



Vignan Steel City Public School Kapujaggarajupeta, Visakhapatnam, Andhra Pradesh 530046

Latitude	17.710132°
Longitude	83.166865°

Students participating in Clean India Program



Vignan Steel City Public School Kapujaggarajupeta, Visakhapatnam, Andhra Pradesh 530046

Latitude	17.710132°
Longitude	83.166865°



y. srikanth
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46

PLANTATION

“Plantation Program” conducted on 16/03/2020 at Sattivanipalem Village. Principal Dr. Y.Srinivasa Rao addressed the gathering created awareness on the importance of Plantation and how it helps in controlling pollution. The program was a success. Most of the residents and 26 students were involved in plantation program.



Sattivanipalem, Duvvada, Visakhapatnam, Andhra Pradesh 530049	
Latitude	17.728097°
Longitude	83.186833°

Plantation at Village



Y. Srinivasa Rao
PRINCIPAL
VIGNANI INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46

SANITIZATION OF VILLAGE PREMISES UNDER SWACHHBHARAT

“Awareness Sanitization of Village Premises under Swachhbharat” conducted on 19/03/2020 at Sattivaniipalem Village. The program was a success. Nearly 19 students participated in Swachbharat..



Sattivaniipalem, Visakhapatnam, Andhra Pradesh 530027	
Latitude	17.724532237 ⁰
Longitude	83.18672341 ⁰

Sanitation of Village Premises



Y. Subba Rao
PRINCIPAL
VIGNANI INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46

Environment Protection by Plantation Program

Vignan Institute of Pharmaceutical Technology (VIPT) organized Environment Protection by Plantation Program on 05/06/2018 in collaboration with National service Scheme (NSS). Students of our college donated saplings to Kapujaggarajupeta villagers. Principal and students were planted saplings at school premises. All the students and faculty actively participated in the event and created awareness on importance of plantation for environmental protection. 43 students were participated in this program.



Vignan Steel City Public School, Kapujaggarajupeta, Visakhapatnam, Andhra Pradesh 530049	
Latitude	17.7120505°
Longitude	83.1643238°

Plantation by Prncipal at Steel city Public school



f. sive h
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvada, Visakhapatnam-46

Sapling donation on National Pollution Control Day

Sapling donation and plantation program was conducted at Sathivanipalem on the occasion of National Pollution Control Day on 02.12.2018 in association with NSS. 12 saplings were used for this program. Total 18 students were participated.



Sathivanipalem, Visakhapatnam, Andhra Pradesh 530027, India	
Latitude	17.7287736°
Longitude	83.1843048°

Students donating sapling to villagers



Y. Srinath
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46

Plantation at School on Earth Day

A Plantation Program was organized on the occasion of Earth Day at Sathivanipalem Primary School. Students and faculty were participated in this program and about 55 students had volunteered. They prepared fencing around the plants to protect them from children while they are playing in the ground.



Sathivanipalem, Visakhapatnam,
Andhra Pradesh 530049

Latitude 17.7317982°

Longitude 83.1850143°

Plantation by Staff and Students



f. Sivalu

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PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duwada, Visakhapatnam-46

PLANTATION PROGRAM

Vignan Institute of Pharmaceutical Technology has conducted plantation program at Sathivanipalem village on 21/03/2018. As a part of this activity our students were associated with ward members. Total 55 students were participated.



Sathivanepalem, Visakhapatnam, Andhrapradesh 530027, India	
Latitute	17.723401°
Longitude	83.184324°

Plantation by Staff and Students



Y. Suresh
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duwada, Visakhapatnam-46



VIGNAN INSTITUTE OF PHARMACEUTICAL TECHNOLOGY

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An ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007 Certified Institution

Beside VSEZ, Kapujaggaraju peta Duvvada, Visakhapatnam-530049. A.P

Phone 0891-2511222/2589777, Fax: 0891-2752333; email: viptvizag@gmail.com

ACTION TAKEN REPORT ON GREEN CAMPUS INITIATIVES

Vignan Institute of Pharmaceutical Technology made every effort to create awareness on environmental challenges among staff & students by conducting various programmes under green campus initiatives.

The green campus initiatives include

- Green landscaping with ornamental trees and plants.
- Pollution free campus with restricted entry of automobiles.
- Designated parking spaces in the college premises for two wheeler, four wheeler & battery powered vehicles separately with sign boards.
- Advising students to use bicycles & E-Vehicles inside the campus
- Ban of single use plastic in college premises & instructions to use only bio-degradable plastic are circulated among students & staff.
- Designated pedestrian friendly pathways are laid in the campus with shade of trees on either sides of roads.
- Various plantation programmes being conducted periodically on special days like Earth day, World Environment days etc.,
- Various awareness programs are conducted on 'Preparation of Paper bags & making of Jute & cloth bags" to avoid use of plastic bags.



[Handwritten Signature]
PRINCIPAL
VIGNAN INSTITUTE OF
PHARMACEUTICAL TECHNOLOGY
Beside: VSEZ, Duvvada, Visakhapatnam-46