ENVIRONMENTAL AUDIT REPORT

VELLORE INSTITUTE OF TECHNOLOGY (VIT)

Katpadi, Vellore - 632014, Tamil Nadu, India

Audit Period: September 2024 to August 2025

Report Prepared by

Eco Services India Pvt. Ltd.

No. 1/134, Dhanakotiraja Street, Sundar Nagar

Ekkaduthangal, Guindy, Chennai – 600032

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ECO SERVICES

07th November, 2025

Certificate

This is to certify that we have conducted Environmental Audit for the period from September 2024 to August 2025 for **Vellore Institute of Technology (VIT),** Vellore Campus located S.F. Nos. 600/1A, 600/1B, 600/2, 601/1A, 608/1, 608/2, 608/3, 609/2A etc. of Katpadi Village, S.F. Nos. 9/1, 9/2, 10/1, etc. of Kangeyanallur Village and S.F. Nos. 351/1, 352/2, 353/1A, etc. of Brammapuram Village, Katpadi Taluk and Vellore District.

The audit broadly covered the following components in the campus,

- Environmental Management Practices of the Institution
- Environmental Regulatory/ Legal Compliance of the Institution

The activities and management of various components mentioned above have been verified and found satisfactory. The efforts taken by the management, faculty and students towards Environmental Protection and Sustainability are highly appreciated and commendable.

for **Eco Services India Pvt. Ltd.,**

ECO SERVICES INDIA PVT. LTD. No.1/134, Dhanakotiraja Street, Sundar Nagar, Ekkaduthangal, GUINDY, CHENNAI-32

Dr. P. Kalaiselvan
NABET Accredited EIA Coordinator

(NABET/QCI Accreditation No. NABET/EIA/24-27/RA 0332)

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CHAPTER 1

INTRODUCTION

1.1 OVERVIEW OF THE INSTITUTION

Vellore Institute of Technology (VIT) was founded in 1984 as a self-financing institution called the Vellore Engineering College. The Union Ministry of Human Resources Development conferred University status on Vellore Engineering College in 2001. The University is headed by its founder and Chancellor, Dr. G. Viswanathan, a former Parliamentarian and Minister in the Tamil Nadu Government. In recognition of his service to India in offering world class education, he was conferred an honorary doctorate by the West Virginia University, USA and recently received his fourth honorary doctorate in May 2025 from the Rochester Institute of Technology (RIT) in New York.

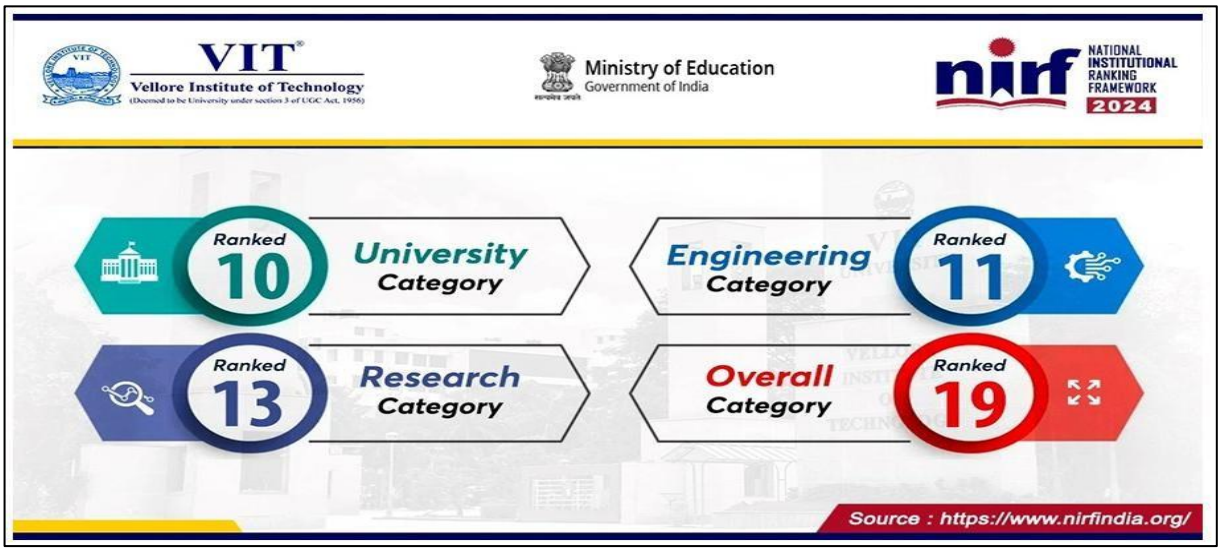
The campus is a sprawling 372 acre eco-friendly campus attracting students from across the globe and has blossomed into a multi-disciplinary Institute offering more than 45 Undergraduate programs, 35 Postgraduate programs, 13 Integrated programs and 2 Research programs. Programs have the approval of the relevant Statutory Regulating Agencies such as UGC, AICTE, PCI, BCI, NCTE, DGS etc.

Vellore Institute of Technology (VIT) is a premier institution accredited with an A++ grade by NAAC in its 4th cycle. The university is ranked 10th best university in India, 11th in Engineering Category, 13th in Research Category and with an overall 19th ranking by the MHRD NIRF 2024. Globally, VIT stands 142nd best in Engineering and Technology in the world, 150th in QS World University Rankings Asia 2025, 691st in QS World University Rankings 2026 and 396th in QS Sustainability Rankings 2025 redefining excellence in subjects. VIT is ranked highest most trusted university in India in Shanghai (ARWU) Ranking of World Universities and 660th World rank and 16th India rank in 2025 World Round University Ranking from Russia. These accolades reflect VIT's growing global presence and academic excellence.

The institute secured ₹382.2 crore worth funded projects in FY 2024–25 and 90 of its professors are ranked among the world's top 2% scientists by Stanford University (2025). Renowned for its placements, VIT is in the Limca Book of Records for the 12th time, with academic collaborations accredited by TCS, Wipro and Cognizant, and MoUs with leading global companies such as Infosys, Dell, L&T, SAP, HCL, PWC and over 400 international universities. A recipient of the FICCI Award for Excellence in Globalization (2023), VIT continues to strengthen its global presence and commitment to sustainability and innovation.


National Assessment and Accreditation Council (NAAC)
accredited with the highest grade
A++
NAAC ACCREDITATION
WITH HIGHEST GRADE

(a)


VIT
Vellore Institute of Technology
Ministry of Education
Government of India
nirf
NATIONAL INSTITUTIONAL RANKING FRAMEWORK
2024
Ranked 10
University Category
Engineering Category
Ranked 11
Ranked 13
Research Category
Overall Category
Ranked 19
Source : https://www.nirfindia.org/

(b)


QS World University Rankings Asia 2025
QS WORLD UNIVERSITY RANKINGS
ASIA | 2025
#150 RANKED IN ASIA
215
195
173
163
150
2021
2022
2023
2024
2025
VIT has moved up
13 places since last year

(c)

(d)

(e)

SUBJECT	World Rank	India Rank
Engineering & Technology	**142**	**9**
Computer Science & Information Systems	110	4-7
Data Science and Artificial Intelligence	**51-100**	**1-7**
Engineering - Electrical & Electronic	151-200	7-10
Engineering - Mechanical, Aeronautical & Manufacturing	201-250	9-10
Engineering - Chemical	251-300	9-11
Natural Sciences	**362**	**11**
Materials Science	151-200	7
Mathematics	201-250	7-9
Statistics & Operational Research	251-275	8
Chemistry	301-350	9-11
Physics & Astronomy	401-450	10-15
Environmental Sciences	451-500	13
Biological Sciences	**351-400**	**8-9**
Agriculture & Forestry	**351-400**	**11-12**
Business & Management Studies	**551-600**	**23-27**

(f)

(g)

(h)

Figure 1.1: (a) NAAC Grade, (b) NIRF Ranking 2024; (c), (d), (e), (f) QS World Ranking 2025, (g) Shanghai Ranking 2025 and (h) Round University Ranking 2025, Russia

1.2 VISION AND MISSION OF THE INSTITUTION

Vision:

- ✓ Transforming life through excellence in education and research.

Mission:

- ✓ **World class Education:** Excellence in education, grounded in ethics and critical thinking, for improvement of life.
- ✓ **Cutting edge Research:** An innovation ecosystem to extend knowledge and solve critical problems.
- ✓ **Impactful People:** Happy, accountable, caring and effective workforce and students.
- ✓ **Rewarding Co-creations:** Active collaboration with National & International industries, universities for productivity and economic development.
- ✓ **Service to Society:** Service to the region and world through knowledge and compassion.

1.3 ENVIRONMENTAL POLICY OF THE INSTITUTION

The institution prioritizes the environmental consciousness and sustainability and has framed the environmental policy towards sustainability, environment and climate. The policy was developed to conserve natural resources such as water and biodiversity, enhance energy efficiency, manage waste effectively, and promote education on climate change and sustainability. The policy aims for a 10% reduction in water consumption, waste generation, and energy consumption by the academic year 2025-2026, compared to the academic year 2022-2023, by providing sufficient resources to achieve this goal. The copy of the Institution Policy on Environment and Climate Change is enclosed as Annexure I.

1.4 SCOPE AND OBJECTIVE OF ENVIRONMENTAL AUDIT

Scope:

- ✓ Assess resource use (water, energy, raw materials) and identify inefficiencies for optimization.
- ✓ Review waste generation and disposal practices, and explore opportunities for reduction, reuse, and recycling.
- ✓ Evaluate the environmental impact on air, water, and soil, recommending improvements for pollution control.
- ✓ Ensure compliance with environmental regulations and evaluate the effectiveness of sustainability initiatives.

Objective:

- ✓ Assess Environmental Performance
- ✓ Identify Opportunities for Resource Efficiency
- ✓ Ensure Compliance with Environmental Laws and Regulations
- ✓ Evaluate Environmental Impact
- ✓ Promote Sustainable Practices

1.5 Audit Methodology

The methodology adopted is represented as a Flow Chart in Figure 1.2

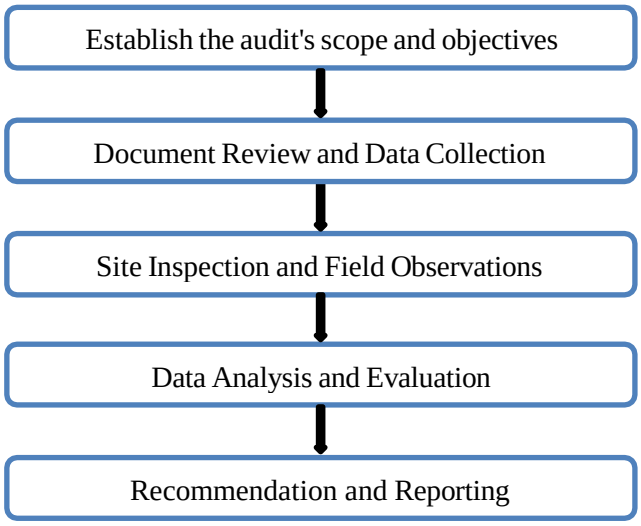


Figure 1.2: Audit Methodology

CHAPTER 2

STATUS OF THE ENVIRONMENT

The audit assesses the environmental impacts of the institution's activities and highlights the measures taken to mitigate these effects.

2.1 WATER REQUIREMENT & WASTEWATER MANAGEMENT

The total water requirement of the institution is 7,233 KLD wherein, 2,692 KLD fresh water requirement of the institution is sourced through TWAD and Bore Wells within the premises. The remaining water requirement of 4,541 KLD is recycled water from the Sewage Treatment Plants installed within the premises. The Sewage generation in the campus is estimated to be 4,541 KLD which is treated in Sewage Treatment Plants installed within the premises. STP of capacities 1 no. of 400 KLD, 1 no. of 300 KLD, 1 no. of 450 KLD, 1 no. of 800 KLD, 2 nos. of 600 KLD, 1 no. of 350 KLD, 2 nos. of 1000 KLD and 1 no. of 3000 KLD are installed. The photographs of the STP's are shown in Figure 2.1.

Figure 2.1: Photographs of the STP installed within the premises.

The STP's are operated to meet the recycled water standards as prescribed by the Tamil Nadu Pollution Control Board. Samples are regularly collected by the Pollution Control Board to monitor the Treated Water Quality and the test results are obtained. The test results indicate the treated water meets the prescribed standards/norms. The treated water are utilised for Flushing and Gardening Water requirements.

2.2 Solid Waste Generation and Management

The solid waste generated includes Biodegardable Waste, Non Bio-degradable Waste including Plastic Wastes, Chemical Wastes, Hazardous Wastes, Biomedical Wastes and E-waste. The wastes are segregated at source and disposed in compliance with Solid Waste Management rules 2016 and other Waste Management Rules. Colour Coded dustbins are placed in each floor and in common areas. Separate earmarked locations are available for E-waste and Hazardous Waste Collection and Storage.

The photographs showing source segregation of wastes is shown in Figure 2.2

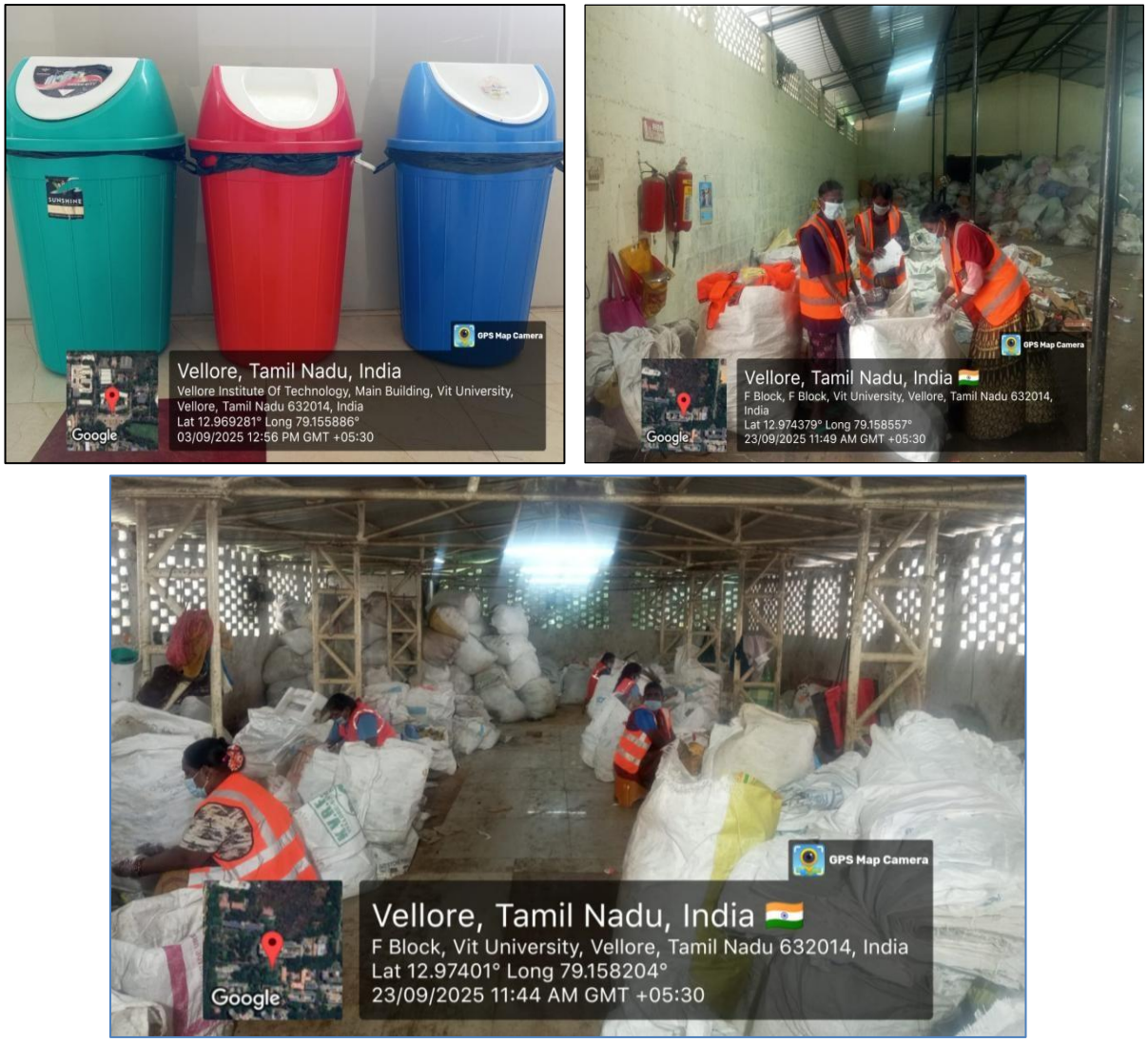


Figure 2.2 Photographs showing Source Segregation of Wastes

2.2.1 Biodegradable Waste Generation and Management

The biodegradable waste generation is approximately 5500 kg/day from Canteen, Kitchen and Dining Area of the institution. The biodegradable wastes are sent to Vermicomposting yard and Bio-methanation plant within the premises. The manure from the process is utilised for gardening. The photographs showing Vermicomposting unit and Bio-methanation plant is shown in Figure 2.3 and Figure 2.4, respectively

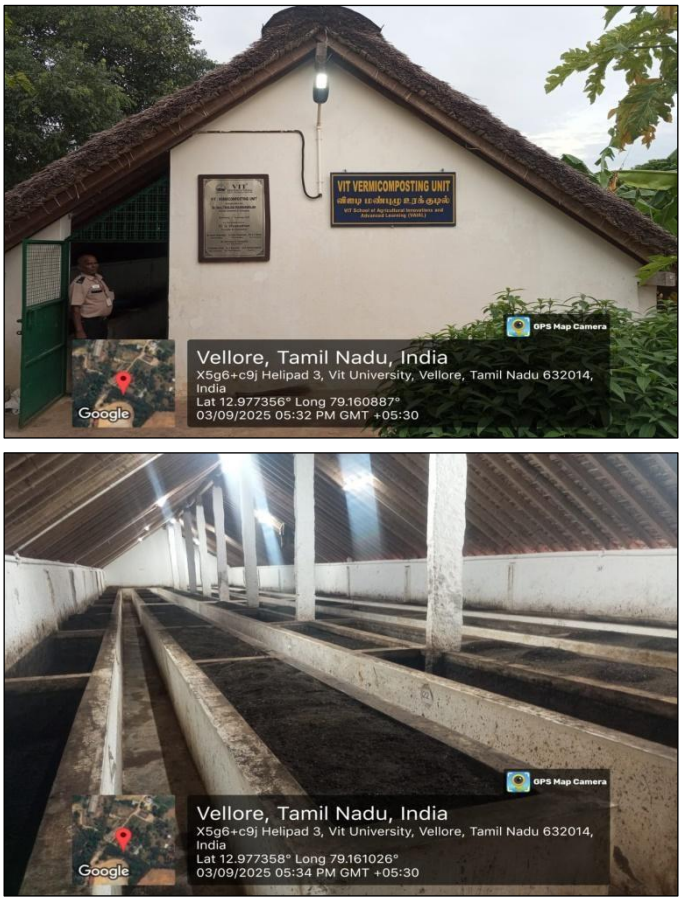


Figure 2.3 Photographs showing Vermicomposting Unit

Figure 2.4 Photograph showing Bio-methanation Plant

2.2.2 Non-Biodegradable Waste Generation and Management

The non-biodegradable wastes of is approximately 4500 kg/day generated from the campus include Paper, Cartons, Plastics etc. The segregated wastes are sent to authorised recyclers.

2.2.3 Hazardous Waste Generation and Management

The Hazardous waste generated from the institution is Used Oil from DG sets. It is stored in compliance to Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 in covered sheds with impervious flooring and disposed through authorised vendor. The agreement made with the vendor is attached herewith as Annexure II. Photographs of used oil stored in covered sheds is shown in Figure 2.5

Figure 2.5 Photographs showing Used Oil stored in Covered Sheds

2.2.5 Bio-Medical Waste Management

The biomedical waste generation in the institution is Sanitary Wastes from Hostels and Wastes generated from the Primary Health Care Centre and the Research Centre (School of Bio Sciences and Technology within the college premises. Theses wastes are collected in colour coded dustbins in compliance to Bio-Medical Waste Management Rules, 2016 and scientifically disposed through Tamil Nadu Pollution Control Board approved Common Bio-medical Waste Treatment and Disposal Facility (CBWTF) facility. The agreement made with the facility is attached herewith as Annexure II.

2.2.6 E-waste Generation and Management

The E-waste generated from the institution is Used Desktop, Printers, Electrical equipment from Laboratories and the like. The e-wastes are collected and stored in a separate location away from other wastes and disposed of scientifically through authorised vendors periodically in compliance with E-Waste (Management) Rules, 2022. The copy of proof of disposal is attached herewith as Annexure II. The photographs showing E-waste storage area is shown in Figure 2.6

Figure 2.6 Photographs showing E-waste storage Area

2.2.7 Chemical Waste Generation and Management

Chemical waste from laboratories of the institution is safely stored in cement chambers and is safely disposed through authorised vendor. An agreement made with the vendor is enclosed as Annexure II.

2.3 Power Requirement

The daily power requirement is sourced from TANGEDCO, along with additional renewable energy. Solar panels and water heaters, with a total capacity of 2.81 MW, are installed on the building rooftops. In addition, a 1 MW rooftop solar panel installation is currently in progress. Additionally, agreements have been made with Bharat Enterprises, BBK Shoes and Ram Leathers for wind energy procurement. The photographs showing Solar Panels and Solar Water Heaters installed in roof tops is shown in Figure 2.7

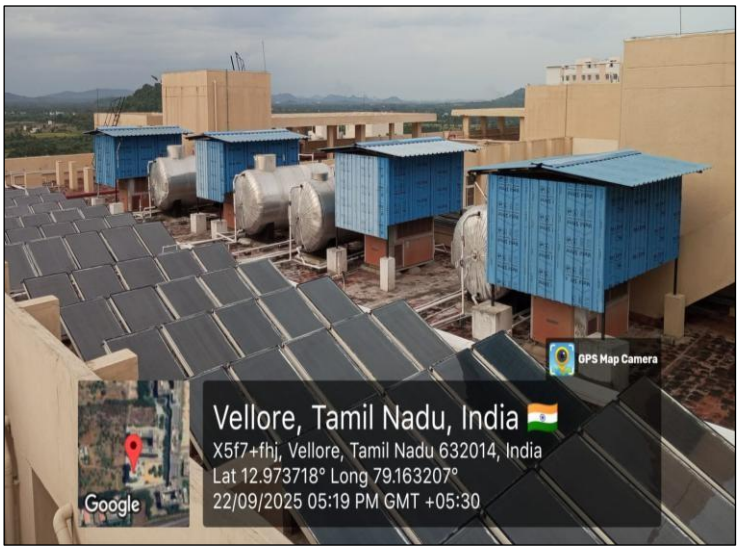


Figure 2.7 Photographs showing Solar Panels and Solar Water Heaters installed at roof top

The institution has 31 nos. of DG sets as back up supply of power during power failures and shut downs. The DG sets are provided with Stack height with respect to the height of the nearest building in compliance to Central Pollution Control Board (CPCB) guidelines as an air pollution control measure. Photographs of few DG sets with Stack and acoustic enclosures are shown in Figure 2.8. The details of DG sets and height of the stack installed is listed in Table 2.1.

Figure 2.8 Photographs of DG sets with Stack

Table 2.1 Details of DG sets and Height of the Stack installed

S.No	Capacity of DG sets	Height of the Stack	S.No	Capacity of DG sets	Height of the Stack
1.	DG set -500 KVA	7.3	17.	DG set -500 KVA	13
2.	DG set -500 KVA	7.3	18.	DG set - 50 KVA	3
3.	DG set - 250 KVA	7.3	19.	DG set - 40 KVA	3
4.	DG set -500 KVA	14.6	20.	DG set - 40 KVA	3
5.	DG set -500 KVA	14.6	21.	DG Set - 140 KVA	3

6.	DG set - 250 KVA	3	22.	DG Set - 250 KVA	8
7.	DG set -500 KVA	6	23.	DG set -500 KVA	7
8.	DG set -500 KVA	7	24.	DG set -500 KVA	7
9.	DG set -500 KVA	7	25.	DG set - 650 KVA	24
10.	DG set - 180 KVA	8.5	26.	DG set - 650 KVA	16
11.	DG set - 250 KVA	8.5	27.	DG set - 810 KVA	7
12.	DG set -500 KVA	7.6	28.	DG set - 810 KVA	7
13.	DG set -500 KVA	7.6	29.	DG set - 810 KVA	16
14.	DG set -500 KVA	14	30.	DG set - 810 KVA	7
15.	DG set -500 KVA	14	31.	DG set - 810 KVA	7
16.	DG set -500 KVA	13			

2.4 Land Management

The institution is developed in the educational use zone as per the land use designated by the Directorate of Town and Country Planning (DTCP). The campus has a lush green landscape with native trees planted along the periphery of the blocks. The photographs of Green Belt and Landscape within the campus are shown in Figure 2.9.

Figure 2.9 Photographs showing Green Belt and Landscape within the campus

2.5 Runoff Water Management and Ground Water Recharge

The runoff from the campus is managed effectively through various systems such as Internal Storm Water network, Roof Top Collection and Rain Water Harvesting system. The run off from rooftop is diverted to the harvesting pits. The campus has a well maintained storm water

network along the periphery with 35 nos. of rain water harvesting pits at regular intervals. The excess storm water after recharge is diverted into an existing PWD pond within the campus maintained by the institution. The photographs of the runoff management system are shown in Figure 2.10.

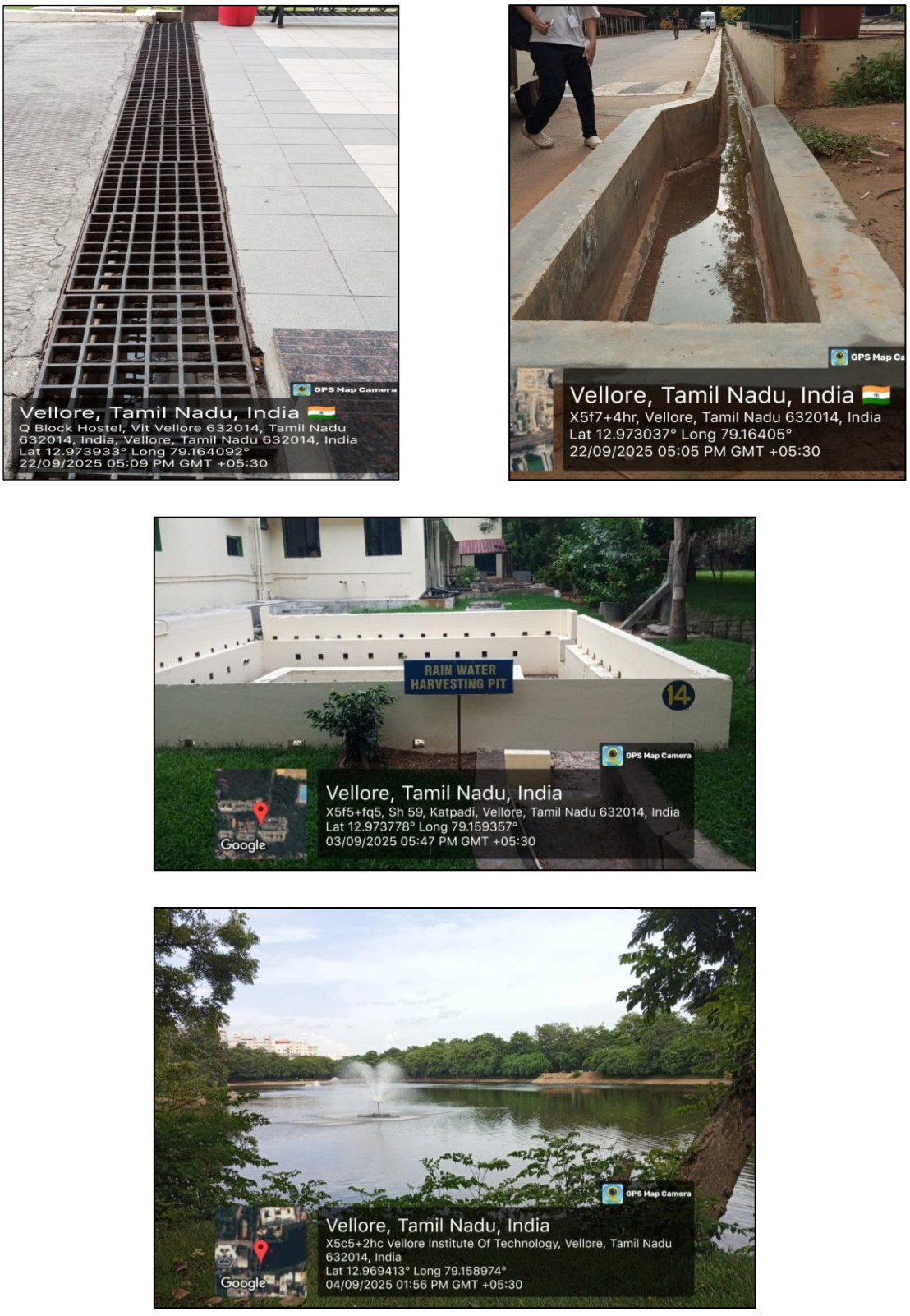


Figure 2.10 Photographs of the Runoff Management System within the campus

2.6 Socio Economic Status

The management has implemented several measures to improve the socio-economic environment both within the campus and in the surrounding villages, as outlined below. A few photographs are shown in Figure 2.11

- ✓ **Employment Status**: The campus has faculty strength of 2900 apart from Maintenance Staff who are benefitted directly and indirectly. The faculty are provided with incentives and funding for their research and developmental activities. Local Labours are recruited for the construction of new blocks.
- ✓ **Access to Resources:** VIT has several Clubs and Chapters which provide them with multiple opportunities to grow in their domain. Annual International Sports and Cultural Fests are conducted to showcase and shape the talent in various extracurricular areas. Apart from this the institution has Central Library; many play grounds, stadium, indoor courts as well as a number of centres for physical education & sporting activities.
- ✓ **Cultural Capital**: The institution has policies set for core values such as Anti Ragging, Anti Bribbery and Ethical ambience to foster ethical practices within the VIT community.
- ✓ **Health and Well-being**: A primary health care facility is operated within the campus to render 24 hours service along with staff nurses, ambulance drivers and attenders. Students, staff and members of the faculty at Vellore Institute of Technology have access to professional and discreet one-on-one counselling and psychological support services within the campus.
- ✓ **Ethnic and Social Diversity**: The institution has an Equality, Diversity and Inclusion Policy in place to promote an inclusive atmosphere in which everyone can feel as though they are appreciated and included. The institution fosters equality and makes it possible for everyone to have equal access to the opportunities, resources, and support that are necessary to accomplish their objectives.
- ✓ **Community Engagement and Support**:

- The Centre for Sustainable Rural Development & Research Studies (CSRD & RS) was developed to improve the quality of the life of rural people by meeting their rudimentary needs. Its works include
    - Entrepreneurship development activities for unemployed youth and SHGs
    - Skill Development and Women Empowerment
    - Livelihood development activities linked to economic development
    - Access to Higher education for all
    - School Infrastructure cum environmental development initiatives in Government schools
    - Agriculture and allied activities to promote organic farming
    - Promotion of health and sanitation in rural areas
    - Green Vellore- Afforestation
    - Credit linkage to Tribal Farmers for holistic development
    - Digital & Financial literacy programme for school children

Photographs of few outreach programs/events conducted during the audit year is shown in Figure 2.12

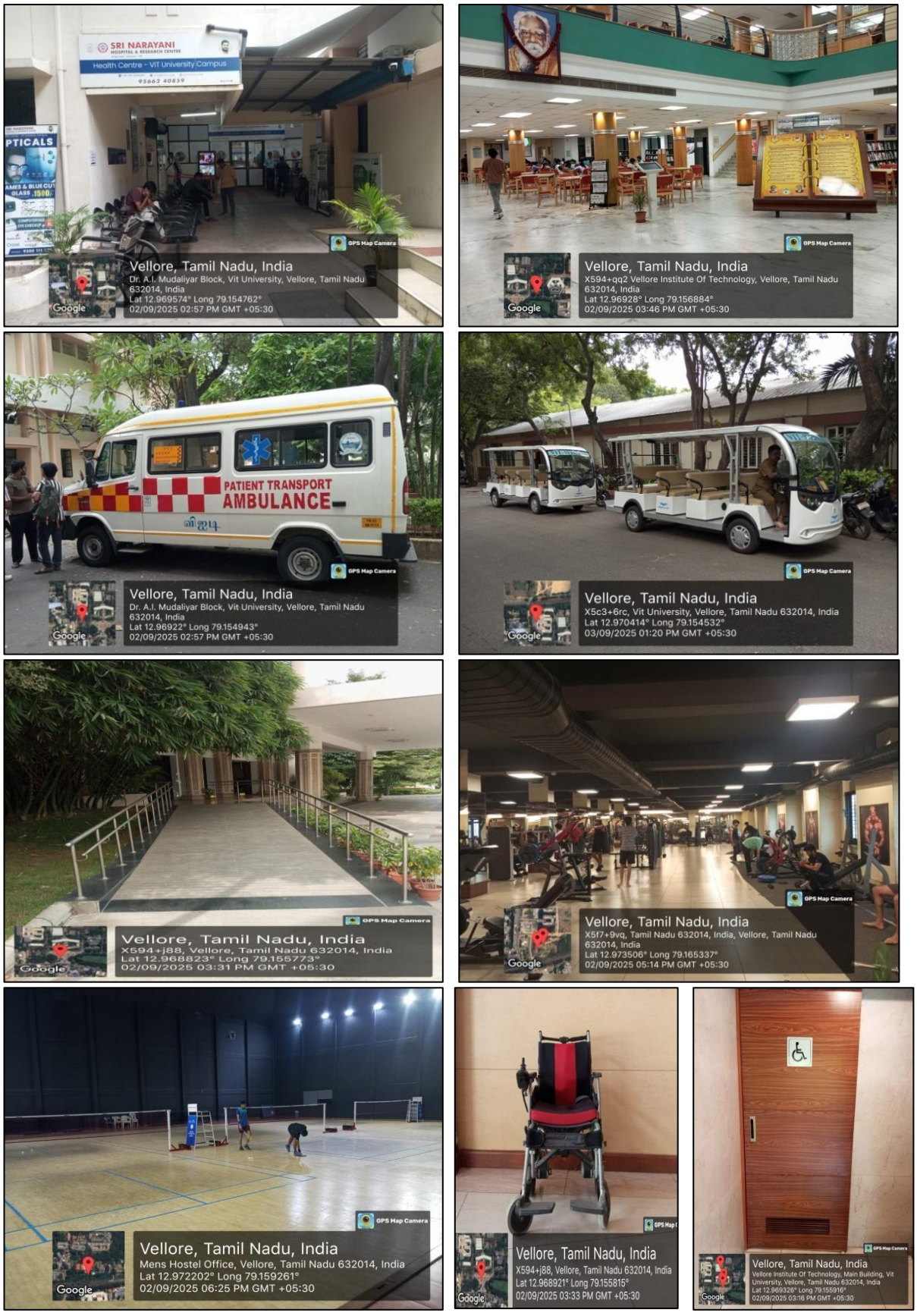


Figure 2.11 Photographs of the facilities within the campus

Computer Training Program for Blinders dated June 16, 2025

VIT Self Help Group Store Opening dated April 21, 2025

Job Mela for Diploma Graduates dated March 6, 2025

Dinakaran – VIT Vetri Namadhe programme for students of Class 11 and 12 dated March 3, 2025

Figure 2.12: Photographs of the Outreach Programs during Audit Year

2.7 Risk/Disaster Management Plan

2.7.1 Management Plan for Fire

In compliance with the guidelines of National Building Code 2016 Part IV ((fire and life safety system), VIT has a fire fighting system in place. Periodic preventive maintenance records are documented for the assessment of the equipment. Fire safety advisor, evacuation officer and fire warden in regular intervals conduct safety classes, mock-up drills, demonstration and operation of different types of fire extinguishers for the faculty, staff, students and visitors.

Fire Prevention Plan of VIT

- ✓ The electrical equipment are being monitored periodically by the Maintenance Head for any loose connection, short circuiting, etc. Any spark from the plugs and fuse blowing off, noticed by Staff/Students is being immediately reported to the Maintenance department and addressed.
- ✓ Residual Current Circuit Breaker with Overcurrent Protection (RCBO) are connected in each block

- ✓ Fire precautions are ensured in the Cafeteria kitchen and Hostels. Necessary instructions be issued to all concerned and checks carried out by the Hostel Wardens.
- ✓ Fire safety instructions pertaining to the storage of diesel, operations of DG sets, air conditioning and electric wiring in all the buildings are laid down by the Maintenance team.

Fire Fighting System:

- ✓ Fire Extinguishers/ hydrants are placed in each floor.
- ✓ Fire Sump with pump is provided in all blocks within the campus to store water for fire fighting.
- ✓ Automatic fire detection system with addressable system and heat and smoke detectors are provided in different areas of the blocks in the campus to alert everyone in case of fire.
- ✓ Fire Staircase is provided as per the Approved Plan obtained from DTCP

Public Address System:

- ✓ Emergency contact numbers are displayed in each block
- ✓ Fire alarms are provided in the campus to alert the occupants inside the campus in the event of fire

Emergency Evacuation Plan:

The way for Assembly points in case of fire is indicated through Signage's in each block.
Photograph of the Fire Fighting System and Display Boards are shown in Figure 2.13

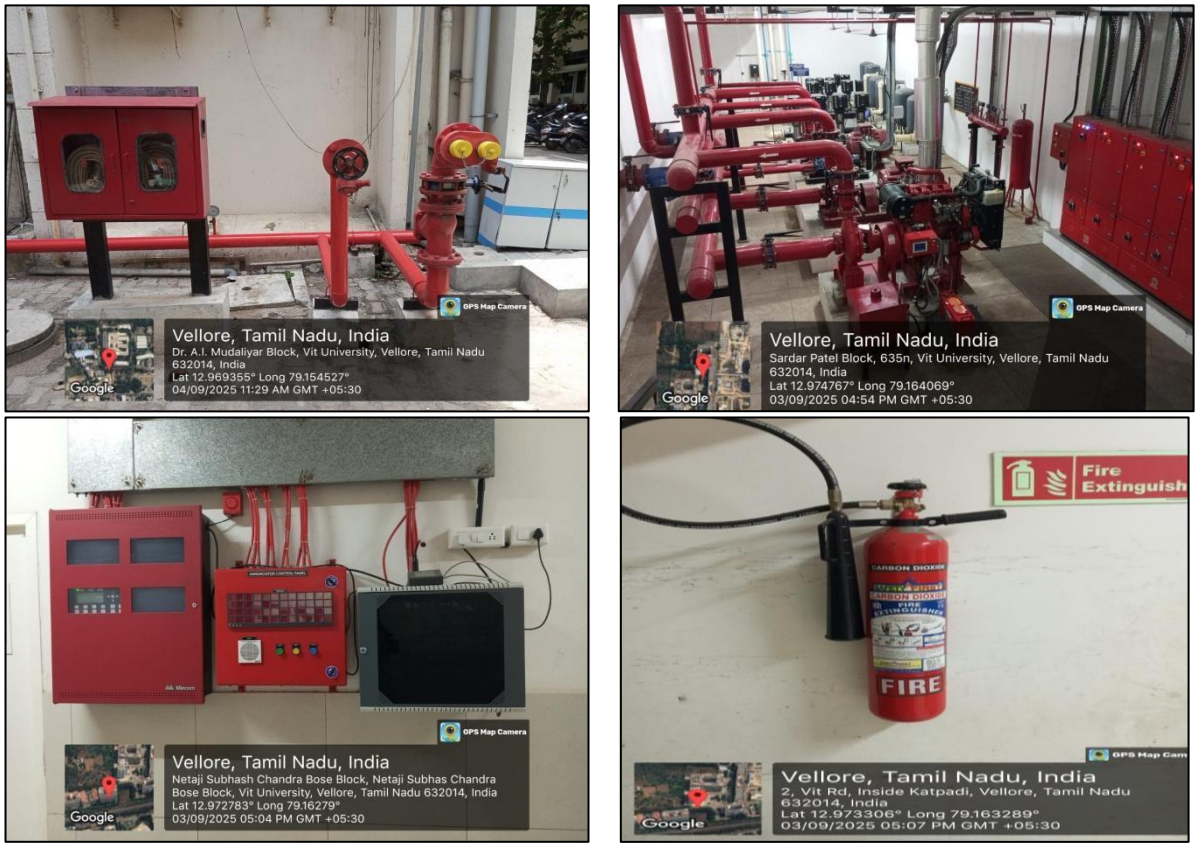


Figure 2.13 Photographs of Fire Fighting System and Display Boards

2.8 Committee for Sustainability Initiatives

The Committee for Sustainability Initiatives is a dedicated body within the institution or organization responsible for overseeing and managing environmental sustainability efforts. Its primary goal is to minimize the environmental impact of institutional activities while promoting eco-friendly practices. It develops, implements, and monitors policies and strategies related to energy efficiency, waste management, water conservation, pollution control and sustainable resource use. The members of the committee and their designation is given in Table 2.2

Table 2.2: Committee for Sustainability Initiatives

S.No.	Name with Designation	
1	Dr. Partha Sharathi Mallick, Pro-Vice-Chancellor, VIT Vellore	Chairman
2	Dr. Sekar S K, Professor Higher Academic Grade & Director-Estates, SCE	Member
3	Dr. Palanisamy K, Professor Grade 1 & Dy. Dir-EM & Projects, Select	Member
4	Dr. Shantha Kumar S, Professor Grade 2 & Director-CCE	Member
5	Dr. Senthil Kumar A, Professor Higher Academic Grade & Director, CO2 Research	Member
6	Dr. Chandrasekaran S.S, Professor Grade 2 & Director, CDMM	Member
7	Dr. Porpatham E, Professor Higher Academic Grade & Director, ARC	Member
8	Dr. Sundara Rajan C.R, Professor Grade 1 & Asst. Director-CSRD& RS, VITBS	
9	Dr. Mahenthiran S, Assistant Professor Sr. Grade 2, HOD, Environmental and Water Resources Engineering	
10	Dr. Sujatha R, Associate Professor Sr. & Asst. Director-SW	
11	Dr. Balaji K, Assistant Professor Sr. Grade 2, SMEC	

2.8.1 Sustainable Initiatives

VIT has established the CO_2 Research and Green Technologies Centre, which is unique and advanced research laboratory, to carry out research on Carbon Capturing and Utilization (CCU), whereas many other leading research institutions are concentrating on Carbon Capturing and Storage (CCS). The centre was inaugurated on 15th February, 2010 by Dr. Farroq Abdullah, Hon'ble Minister for New and Renewable Energy (MNRE) Govt. of India. The institution has a sustainable investment policy and sustainable procurement policy and a copy is enclosed as Annexure III. The carbon footprints of the institution are provided below:

2.8.2 CO_2 Footprint of Vellore Institute of Technology

CO2 Absorption:

a) By Trees:

1 acre of forest can accumulate 100 tons of CO_2.

Tree coverage is in 75,649 sq. m

4046.85 sq.m – 1 acre.

75,649 sq.m = 18.69 acres

Therefore 1869 tons of CO_2 is captured by trees per year

b) <u>By Open Land:</u>

Total open Area = 0.5* 12,63,857 sq..m

= 6,31,928 sq.m

Absorption rate @ $1*10^{-6}$ mol/ (m^2*sec)

Total absorption = 876 tons /year

c) <u>By Shrubs, small plants & lawn:</u>

Total area of small plants, shrubs, lawn = 3,33,908+14000+8070 sq. m

= 3,55,978 sq.m

= 35.6 ha

Absorption rate @ 1.95 tCO_2 ha/year

Absorption = 69.44 tons /year

Total absorption = 1869+876+69.44 tons or 2814.44 tons /year

d) <u>Equivalent CO_2 emission from use of electricity:</u>

Emissions through Use of Petrol & Diesel:

Qty of petrol per year -7715 L/year

Qty of Diesel for emergency power- 51,000 L/year

Qty of Diesel for transport- 2,83,057 L/year

Total Diesel consumption- 3,34,057 L/year

Qty of LPG used in canteen / Mess / Guest house - 8,47,544 kgs/year

=1.96* 8,47,544 L/year

=16,61,186 L/year

CO2 equivalent emission of petrol - 0.00231 ton/L

CO2 equivalent emission of diesel - 0.00268 ton/L

CO_2 equivalent emission of LPG - 0.003 ton/L

Total CO2 emissions tons - [0.00231*7715+0.00268*334057 +0.003*16,61,186]

Scope 1 -5,896.65 tons per year

Equivalent CO2 emission from use of electricity:

Total electricity consumption - 5, 26, 00,000 units per annum

Power generation by 2.81 MW installed solar capacity-31, 72, 254 units per annum

Wind energy purchase - 2,25,50,328 units per annum

Solar energy purchase - 6,39,051 units per annum

Biomass generation- 1,20,000 units per annum

Total renewable energy consumption- 2,64,81,633 units per annum

Net consumption from Grid- 2,61,18,367 units per annum

Total equivalent CO2 emission of power from grid @0.710 kg/kwh- 1,85,44,040.57 kgs

Scope 2- 18,544 tons of CO2

Total CO2 emissions (Scope1 + scope 2) = 24,440.65 tons per year

(CO2 Absorption due to vegetation 2814.44 Tons of CO2)

Net emissions = [24440.65– 2814.44] = 21,626.21 tons per year

Total Scope 1 & 2 emissions in tCO2e = 21,626.21 tons per year

Scope 3- NIL

CHAPTER 3

AUDIT OBSERVATIONS AND RECOMMENDATIONS

The audit observations are summarized in Table 3.1

Table 3.1: Audit Observations and Recommendations

Environmental Parameter	Impacts	Environmental Management Plan (Facilities available at site)	Recommendations
Resource Consumption - Water	Significant Fresh Water requirement and tapping of valuable Ground Water Resources	• Rain Water Harvesting system with roof top collection, recharge pits and diversion of runoff to pond for ground water recharge. • Water Treatment Plants (WTP) of total capacity 2196 KLD is installed within the premises to meet the water quality requirements of BIS Drinking Water Standards and HVAC requirements. • Water conservation initiatives such as low-flow faucets, sprinkler system for gardening.	• Planned maintenance of fixtures to avoid leakages. • Periodic maintenance of storm water drains, recharge pits and roof collection system. • Conduct regular water audits to identify areas of high consumption and inefficiencies. Use the findings to implement targeted water-saving strategies. • Periodic awareness programs and advertisements on water conservation among students, staff and visitors
Wastewater Management	Sewage generation	• Sewage Treatment Plants (STP) of total capacity 8500 KLD is installed within the campus to treat sewage generated. • Recycling of treated sewage for Flushing and Gardening Requirements	• To replace conventional Activated Sludge Process based STP's to advance processes such as Sequential Batch Reactors, MBBR, FBBR etc.
Solid Waste Management	Generation of different category of solid waste and challenges on	• Segregation of wastes by colour coded dust bins in earmarked locations. • Vermicomposting,	• Regular educational campaigns to raise awareness about the importance of waste

Environmental Parameter	Impacts	Environmental Management Plan (Facilities available at site)	Recommendations
	safe disposal.	Mulching, Biomethanation and Animal Feeding adopted for management of Bio degradable Wastes. • Scientific disposal of Non-biodegardable wastes, Hazardous Waste, Bio-medical Wastes, E-waste and Chemical Waste through authorized vendors/recyclers. • Ban on use of plastics within the campus. • Promotion of paper less institution.	segregation. • Zero-Waste Campus Initiatives by promoting Reduce, Recover, Reuse and Recycle. • Setting up of centralized waste management set up with Organic Waste Convertors for disposal of organic wastes which are easy to operate, less time consuming and reliable. • Conduct regular waste audits to assess the types and quantity of waste generated on campus, identify opportunities for improvement, and measure progress toward waste reduction goals. • Develop annual waste management reports to track performance, highlight achievements, and outline strategies for further reducing the institutions environmental footprint.
Air Quality & Noise	Air emissions and noise from operation of DG	• DG sets are installed with Stack height as per	• Shift to Natural Gas based or Dual Fuel

Environmental Parameter	Impacts	Environmental Management Plan (Facilities available at site)	Recommendations
	sets and vehicles for transportation	pollution control board norms. • Acoustic enclosures for DG sets are provided • Green Belt developed all along the campus • Pedestrian friendly pathway • Use of bicycles within the campus • Restricted entry of heavy vehicles in the academic areas.	mode generator sets. • Declare the campus as No Honking Zone • Encourage the use of electric vehicles (EVs) on campus by providing charging stations for electric cars, bikes, and scooters. • Implement a no-idling policy for vehicles on campus to reduce exhaust emissions • Encourage the use of electric vehicles (EVs) on campus by providing charging stations for electric cars, bikes, and scooters.
Runoff Management	Increased paved surfaces and increased runoff.	• Rain Water Harvesting system with roof top collection, recharge pits and internal storm water network for diversion of runoff to pond for ground water recharge. • Permeable pavements along pedestrian pathways	• Periodic maintenance of drains, pits and other fixtures. • Regular desilting and maintenance of pond.
Energy Utilization and Conservation	Increased Energy Requirement	• Solar Panels and Solar Water Heaters installed at roof top • Wind Energy procurement through wheeling to the grid scheme. • Biomass to Fuel	• Launch energy-saving campaigns that educate students, faculty, and staff on ways to reduce their individual energy consumption • Retrofitting existing

Environmental Parameter	Impacts	Environmental Management Plan (Facilities available at site)	Recommendations
		Conversion Plant to run 140 kVA DG set within the campus. • Energy efficient fixtures like LED's and smart lighting system installed. • Innovative Cooling system • Shuttle services within the campus	buildings with energy-efficient systems, insulation, and materials can improve energy performance. • Green Building Initiatives • Encourage carpooling and ridesharing programs to reduce the number of single-occupancy vehicles within campus.
Socio Economic	Students from Diverse background paving way for ragging, partiality and other such issues	• Institution has policies set for core values such as Anti Ragging, Anti Bribbery, and Ethical ambience to foster ethical practices within the VIT community. • Committees such as ✓ Internal Complaints Committee ✓ Student ✓ Grievance Redressal Committee (SGRC) ✓ Anti-Ragging Committee ✓ Committee for ensuring Equality, Diversity and Inclusivity are active to address issues pertaining to relevant matters	• The institution shall continue to foster core principles among students and continue support community outreach programme for the benefit of the locals.

CHAPTER 4

ENVIRONMENTAL REGULATORY/LEGAL COMPLIANCE

The various environmental related statutory approvals required for the institution and the status of validity is listed below in Table 4.1.

Table 4.1: Legal Compliance to various Environmental Laws and Acts

Regulatory Norms	Regulatory Authority	Approvals Obtained	Status of Approval
Water (Prevention and Control of Pollution) Act, 1974	Tamil Nadu Pollution Control Board	Consent to Operate	Valid
Air (Prevention and Control of Pollution) Act, 1981	Tamil Nadu Pollution Control Board		
Environmental Protection (EP) Act – EIA Notification 2006	Tamil Nadu Pollution Control Board	Hazardous Waste Authorization	Valid
	Tamil Nadu Pollution Control Board	Bio-Medical Waste Authorization	Valid
	Water Resources Department	No Objection Certificate – Ground Water Extraction	The institution has applied for renewal
	Tamil Nadu Water Supply And Drainage Board	Concurrence from Tamil Nadu Water Supply and Drainage Board.	Valid

The copies of approvals/NOC are attached herewith as Annexure IV.

CHAPTER 5
SUMMARY AND CONCLUSION

5.1 Summary:

The environmental audit conducted on the institution's campus has comprehensively assessed various aspects of its environmental impact, resource management, and sustainability practices. The audit focused on key areas including water consumption, energy use, waste management, air quality, and overall adherence to environmental laws and regulations. Specific areas evaluated included:

Water Management: The institution's water consumption patterns were reviewed, identifying areas for potential reduction. Initiatives such as rainwater harvesting, water-efficient fixtures, and wastewater recycling were highlighted as opportunities for further improvement.

Energy Efficiency: The audit examined the energy consumption profile of the institution and suggesting measures to enhance energy efficiency, including the enhancing integration of renewable energy sources like solar power and improvements in energy management systems.

Waste Management: A detailed evaluation of solid and liquid waste generation, disposal, and recycling practices was conducted. Recommendations were made to improve waste segregation, increase centralised waste management and reduce waste.

Air and Noise Pollution: The audit assessed the institution's impact on air quality and noise pollution, identifying specific areas where emissions could be reduced through the use of cleaner energy and energy-efficient systems

Compliance and Sustainability Initiatives: The report also evaluated the institution's compliance with environmental laws and regulations, as well as the effectiveness of sustainability initiatives already in place.

5.2 Conclusion:

The environmental audit reveals that the institution is making meaningful progress toward improving its environmental footprint, with scope for continual improvement. Key recommendations include increasing the use of renewable energy, optimizing water management practices, enhancing waste reduction and recycling efforts, and expanding green infrastructure. By implementing these initiatives, the institution can further reduce its environmental impact, contribute to resource conservation, and align more closely with best practices for sustainability.

Annexure I

Institution Policy on Environment and Climate Change

Water Use Policy

1. Introduction

1.1 Purpose of the Policy

The purpose of this policy is to set out a broad set of guidelines for Vellore Institute of Technology (VIT), Vellore to reduce its per capita water use and to implement sustainable water use practices.

1.2 Scope of the Policy

This policy is applicable to all faculty, students, consultants, staff, and contractors.

1.3 Definitions

Greywater – domestic wastewater generated in households or office buildings from streams without faecal contamination.

Rainwater Harvesting – is the collection and storage of rain, rather than allowing it to run off.

2. Vision

2.1 United Nations Sustainable Development Goals (SDGs) - Global Context

VIT has a financial, legislative and ethical responsibility to reduce its water consumption by adopting effective practices. The availability of clean and accessible water is a global concern. This risk is clearly represented in the SDGs as

Goal 6 "Clean water and sanitation for all"

The United Nations adopted the SDGs in 2015 with targets to achieve by 2030. The targets include addressing the inequality, poverty, environmental degradation, climate, prosperity and peace and justice.

The target of this goal is "By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity".

2.2 Target for reducing the water consumption

This policy targets a 10% reduction in the consumption of water by keeping the baseline as 2022/23 academic year which needs to be achieved by 2025/26 academic year.

(The feasibility of achieving the 10% reduction target has been evaluated through a comprehensive analysis of ongoing and future water reduction initiatives. This assessment encompasses a review of the current water conservation projects that are currently underway and those that have been funded for implementation. Additionally, the anticipated water savings resulting from these initiatives have been thoroughly examined. Furthermore, the assessment takes into consideration the Institute's projected development plans and expected fluctuations in student enrolment figures. By analysing all these factors, the capability to meet the target of 10% reduction has been carefully evaluated.)

3. Principles of the Policy

3.1 Water Use Assessment

VIT will assess water consumption using water meters in all the buildings. The water meter used to assess water consumption will be periodically cross checked. The consumption patterns and the discharge trends will also be monitored to identify excess abnormal usage and leaks.

3.2 Compliance

The compliance provided by the legislative authorities will be ensured by the institute for conserving the water and its management.

3.3 Water Conservation

VIT will conduct a comprehensive assessment of water consumption across its facilities, which includes the evaluation of equipment, especially in washroom facilities of the institute, hostels and residential buildings. Also, the university will prioritize the replacement of existing equipment/method with water-efficient alternatives. Some of these outdated fixtures may have issues such as leaks or the potential to be left running unnecessarily. By implementing a targeted program of renovations and upgrades throughout the Institute, the institute aims to significantly reduce water usage.

3.4 Use of grey water /treated wastewater/rainwater harvesting

VIT will best utilize the rainwater harvesting principles and reuse of treated wastewater from the campus for gardening, premises cleaning and flushing.

Building and Maintenance Standards

VIT will follow best standards of maintenance like identifying and repairing leaks to reduce the water use onsite. Institute will ensure that maintenance team will frequently visits all areas where routine water consumption is there.

3.5 Engagement and Collaboration

VIT will engage all its faculty, staff and students in reducing water consumption. The institute will take initiatives like awareness programme regarding the need for water conservation and effective water consumption without any water loss and to take action in reducing water use.

4. Policy Statement

VIT committed to reduce the water consumption and increase its efficiency. In 2022/23, VIT used 1669510 cu.m of water. About 10% reduction has set as target in water consumption by 2025/26 academic year. All students, staff, faculty, contractors and consultants are anticipated to cooperate to achieve the target.

The following adequate resources will be provided by VIT to meet required objectives

1. Continuously monitor and measure water consumption to identify any significant or abnormal usage patterns, including promptly detecting and addressing leaks.
2. Ensure compliance with all relevant legal requirements related to water usage.
3. Enhance water efficiency in existing buildings and facilities.
4. Minimize water usage by implementing best practices in maintenance and cleaning routines.
5. Water conservation equipment will be introduced to meet the standards as an integral part of the procurement processes.
6. Engage with VIT students and staff, inspiring and encouraging them to take actions that contribute to reducing water consumption.
7. Foster collaboration with VIT academics on research projects focused on water efficiency.
8. Communicate regularly with staff and students to raise awareness and promote water-saving behaviors, emphasizing the importance of conserving water resources.

Annual progress of the 2025/26 target will be reported to the Institute Core Group.

5. Governance

5.1 Implementation Strategy

The draft would be circulated at the Policy Development and Monitoring Group 1 (Centre for Clean Environment, CO2 Research and Green Technologies Centre, Centre for Disaster Mitigation and Management, School of Civil Engineering, VIT School of Agricultural Innovations and Advanced Learning) as well as Deans/ Directors of Schools/Centres whose activities will be directly affected by the policy objectives.

The policy will be communicated on the VIT website. Employees will be made aware of the policy in the institute induction programme.

5.2 Policy Revision and Updation

This policy will be reviewed and revised once in 3 years. The revised policy will be submitted to the Institute Core Group for more suggestions and approval.

5.3 Reporting

The targets will be cross checked for its effectiveness on a yearly basis by the Policy Development and Monitoring Group 1. The outcome will be reported to the Deans/ Directors of Schools/Centres.

6. Legislative context

VIT will meet all relevant legal requirements of Government of India and Local Urban Body by Government of Tamil Nadu.

T. Jayaraj
Registrar
REGISTRAR
Vellore Institute of Technology (VIT)
(Deemed to be University under section 3 of UGC Act, 1956)
Vellore-632 014, Tamil Nadu, India

15/11/24
Dr. K. Palanisamy, Ph.D.,
Dy. Director - Electrical Maintenance
and Electrical Projects
Vellore Institute of Technology
(Deemed to be Unviersity under section3 of the UGC Act, 1956)
Vellore – 632 014, TN, India.

Waste Management Policy

1. Introduction

Purpose of the Policy

The main purpose is to frame the objectives that the Vellore Institute of Technology needs to meet to reduce its waste, by reduction at generation source, reusing, recycling and working towards waste to wealth.

1.1 Scope of the Policy

This policy is applicable to all faculty, students, consultants, staff, and contractors.

1.2 Definitions

1. Reduce means to minimise the amount of waste we create.
2. Reuse refers to using items more than once.
3. Recycle means putting a product to a new use instead of throwing it away.
4. Waste to wealth refers to processing of waste to generate energy, recycle materials, and extract value added products.

2 Vision

2.1 United Nations Sustainable Development Goals (SDGs) - Global Context

VIT has a financial, legislative and ethical responsibility to reduce the consumption and waste to realise our vision of being one of the sustainable institute in the world by encouraging responsible consumption and production in relation to waste and the promotion of the circular economy. This will ultimately help to meet the Sustainable Development Goals 6 and 13. The goal of which is to ensure access to water and sanitation for all, reduce climate change, pollution, and the loss of both aquatic and land related biodiversity.

Goal 6 "Clean water and sanitation for all"

Goal 13 "Climate action"

The United Nations adopted the SDGs in 2015 with targets to achieve by 2030. The targets include addressing the inequality, poverty, environmental degradation, climate, prosperity and peace and justice.

2.2 Reduce per capita generation of waste

This policy targets a 10% reduction in the waste generation by keeping the baseline as 2022/23 academic year which needs to be achieved by 2025/26 academic year.

The feasibility of achieving the 10% reduction target has been evaluated through a comprehensive analysis of ongoing and future solid waste management option. The assessment encompasses a review of the current waste management practices that are currently underway and those that have been funded for implementation. Furthermore, the assessment takes into consideration the Institute's projected development plans and expected fluctuations in student enrolment figures. By analysing all these factors, the capability to meet the 10% reduction target has been carefully evaluated.

3 Principles

3.1 Waste Hierarchy

VIT as an institution, support the use of the waste hierarchy to guide waste management decisions and education. We will always try to prioritise waste reduction, reuse, and recycling, with waste recovery and disposal only used as last resort options.

Reduce – we will reduce the volume of waste produced by:

a) Reducing the number of disposable items that we procure (including single-use plastics)

b) The food waste collected from the canteen is being sent to the nearby village for cattle feedings.

c) Educating faculty, staff, students and the wider community on the merits of the circular economy and how they can be more sustainable in their daily lives.

Reuse – we will support the collection of items for charity and redistribution amongst both our campus community and the wider community.

Recycle – we will send the recyclable waste for recycling through private stake holders and attain the target of waste reduction.

Recovery – we will continue to meet our obligation of sending zero biodegradable waste to landfill. Instead, all biodegradable waste will be converted to compost or anaerobically digested.

Disposal – under specific circumstances we may need to dispose of certain types of hazardous waste in a secure manner that protects the environment, including aquatic ecosystems.

3.2 Source Segregation and Centralized Collection Facility

VIT will improve and enhance the functionality of current waste management practices implemented within the campus like source separated collection of waste in different bins for biodegradable and non-biodegradable waste, waste collection on daily basis and further segregation in a centralized collection facility, managing all non-biodegradables and inert waste. Composting of biodegradable waste in the in-house composting yard and managing food waste from the hostels and canteens by sending to nearby village for cattle feeding.

3.3 Engagement and Collaboration

VIT will engage all its faculty, staff and students in reducing the generation of solid waste. The institute will take initiatives like awareness programme regarding the waste management and working towards waste to wealth.

4. Policy Statement

VIT committed to reduce the waste generation within the campus. In 2022/23, VIT generated 0.3 to 0.6 kg per capita of solid waste. VIT has set a target of a 10% reduction in waste generation by 2025/26 academic year. All staff, consultants, students, faculty, and contractors are expected to cooperate to achieve the target.

The following adequate resources will be provided by VIT to meet required objectives

1. Continuously monitor and measure consumption and waste generation.
2. Ensure compliance with all relevant legal requirements related to sanitation and waste management.
3. Enhance to reduce, reuse and recycling options of waste.
4. Implementation of best practices in sanitation and waste management.
5. Involve staff and students by inspiring and encouraging them to take actions that contribute to reducing consumption and waste generation.

6. Encourage paperless communication practices to reduce the volume of paper waste generated within the campus.
7. Foster collaboration with VIT academics on research projects focused on waste management.
8. Communicate regularly with staff and students to raise awareness and promote healthy consumption and waste to wealth practices.

Annual progress of the 2025/26 target will be reported to the Institute Core Group.

5. Governance

5.1 Implementation Strategy

The draft would be circulated at the Policy Development and Monitoring Group 1 (Centre for Clean Environment, CO2 Research and Green Technologies Centre, Centre for Disaster Mitigation and Management, School of Civil Engineering, VIT School of Agricultural Innovations and Advanced Learning) as well as Deans/ Directors of Schools/Centres.
The policy will be communicated on the VIT website. Employees will be made aware of the policy in the institute induction programme.

5.2 Policy Revision and Updation

This policy will be reviewed and revised once in 3 years. The revised policy will be submitted to the Institute Core Group for more suggestions and approval.

5.3 Reporting

The targets will be cross checked for its effectiveness on a yearly basis by the Policy Development and Monitoring Group 1. The outcome will be reported to the Deans/ Directors of Schools/Centres.

6. Legislative context

VIT will meet all relevant legal requirements of Government of India and Local Urban Body by Government of Tamil Nadu.

15/11/24
Dr. K. Palanisamy, Ph.D.,
Dy. Director - Electrical Maintenance and Electrical Projects
Vellore Institute of Technology
(Deemed to be University under section 3 of the UGC Act, 1956)

T. Jayaraj
Registrar
REGISTRAR
Vellore Institute of Technology (VIT)
(Deemed to be University under section 3 of UGC Act, 1956)
Vellore-632 014, Tamil Nadu, India

Energy Use Policy

1 Introduction

1.1 Purpose of the Policy

The main purpose is to frame the objectives that the Vellore Institute of Technology needs to reduce its energy use and limit its influence on climate change impact.

1.2 Scope of the Policy

This policy is applicable to all faculty, students, consultants, staff, and contractors.

2 Vision

2.1 United Nations Sustainable Development Goals (SDGs) - Global Context

VIT has a financial, legislative and ethical responsibility to reduce energy use and associated carbon dioxide emissions. By reducing energy use, VIT reduces its impact on global climate change. The United Nations adopted the SDGs in 2015 with targets to achieve by 2030. The targets include addressing the inequality, poverty, environmental degradation, climate, prosperity and peace and justice. There are two goals which link strongly to this policy.

Goal 7 "Affordable and Clean Energy"

Goal 13 "Climate action"

3 Principles

3.1 Energy Assessment

VIT will monitor electricity, gas and heat use via a series of sub-meters across the institute's buildings. VIT will quantify energy consumption and identify its usage trends to prioritize projects and interventions.

3.2 Target for Reducing the Energy Consumption

This policy targets a 10% reduction in the consumption of energy by keeping the baseline as 2022/23 academic year which needs to be achieved by 2025/26 academic year.

(The feasibility of achieving the 10% reduction target has been evaluated through a comprehensive analysis of ongoing and future energy reduction initiatives. This assessment encompasses a review of the current energy conservation projects that are currently underwa

and those that have been funded for implementation. Additionally, the anticipated energy savings resulting from these initiatives have been thoroughly examined. Furthermore, the assessment takes into consideration the Institute's projected development plans and expected fluctuations in student enrolment figures. By analysing all these factors, the capability to meet the 10% reduction target.)

3.3 Conserving Energy

VIT will monitor, control the use and maintenance of electrical power generator and HVAC systems through building management and facilities team. VIT will replace older less efficient lighting with new more efficient Light Emitting Diodes (LEDs) over a wide variety of buildings and locations in the campus. VIT will also increase the installation of solar panels. Conduct thorough investigations into potential opportunities for implementing on-site renewable energy generation and actively develop strategies to utilize renewable energy sources within the campus.

3.4 Compliance

The compliance provided by the legislative authorities will be ensured by the institute for conserving the energy and its management.

3.5 Building and Maintenance Standards

VIT will pursue the best standards of energy efficiency in construction and refurbishment of buildings to minimize the emissions. VIT will follow and provide good standards of maintenance, proper training and guidance for utilizing equipment to reduce the energy consumption.

3.6 Procurement

VIT will assess its suppliers, designers or construction companies by having a clear idea on the energy policy and its requirements during the tender stage itself for the betterment of sustainability. In near future, VIT will strive to balance the cost of renewable and non-renewable energy sources.

3.7 Engagement and Collaboration

VIT will engage all its faculty, staff and students in reducing electricity consumption. The institute will take initiatives like awareness programme regarding the need for energy conservation and effective electricity consumption without any loss and to take action in reducing electricity usage.

4 Policy Statement

VIT committed to reduce the energy consumption and increase its efficiency. In 2022/23, VIT used 4206000 kWh of energy. About 10% reduction has set as target in energy consumption by 2025/26 academic year. All students, staff, faculty, contractors and consultants are anticipated to cooperate to achieve the target.

The following adequate resources will be provided by VIT to meet required objectives

1. Assess and quantify energy use across VIT and reporting its effectiveness.
2. Ensure compliance with all relevant legal requirements related to energy.
3. Energy performance of VIT will be optimized by adopting best building management operations control systems for HVAC and lighting.
4. VIT will study the possible opportunities for different renewable energy sources
5. Introduce standards for low energy consumption equipment as part of all procurement processes.
6. Involve faculty, students and staff by inspiring them towards energy conservation.
7. Collaborate with and support academics and students on sustainable energy research and projects.

5. Governance

5.1 Implementation Strategy

The draft would be circulated at the Policy Development and Monitoring Group 2 (Centre for Clean Environment, CO_2 Research and Green Technologies Centre, Centre for Disaster Mitigation and Management, School of Civil Engineering, School of Mechanical Engineering and School of Electrical Engineering) as well as Deans/ Directors of Schools/Centres.

The policy will be communicated on the VIT website. Employees will be made aware of the policy in the institute induction programme.

5.2 Policy Revision and Updation

This policy will be reviewed and revised once in 3 years. The revised policy will be submitted to the Institute Core Group for more suggestions and approval.

5.3 Reporting

Performance against the target established in this policy will be monitored on a yearly basis by the Policy Development and Monitoring Group 2. The outcome will be reported to the Deans/ Directors of Schools/Centres.

6. Legislative context

VIT will meet all relevant legal requirements of Government of India and Local Urban Body by Government of Tamil Nadu.

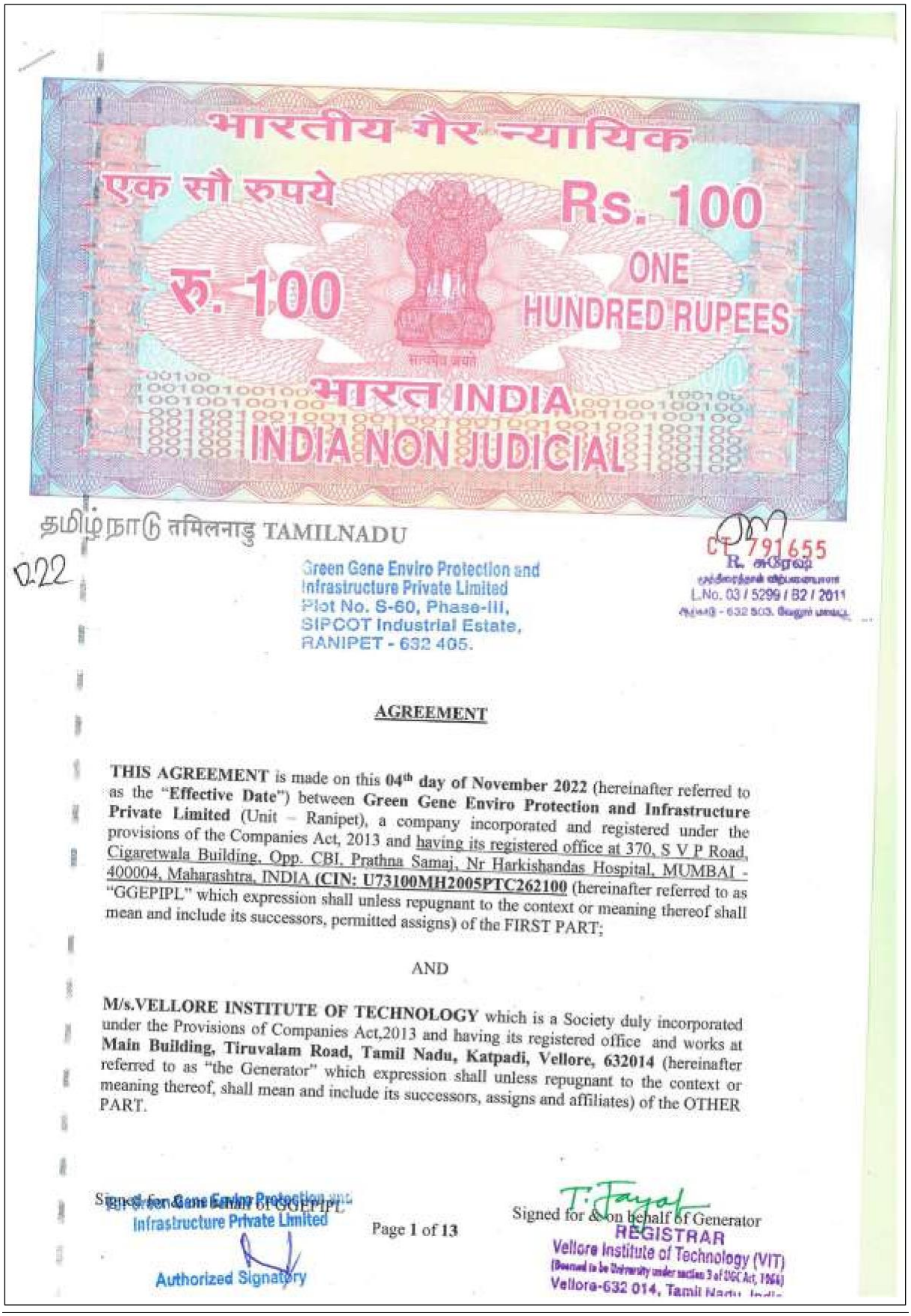
T. Jayaraj
Registrar
REGISTRAR
Vellore Institute of Technology (VIT)
(Deemed to be University under section 3 of UGC Act, 1956)
Vellore-632 014, Tamil Nadu, India

K Palanisamy 15/11/24
Dr. K. Palanisamy, Ph.D.,
Dy. Director - Electrical Maintenance and Electrical Projects
Vellore Institute of Technology
(Deemed to be Unviersity under section3 of the UGC Act, 1956)
Vellore – 632 014, TN, India.

Annexure II

Agreement made with Authorised Waste Management Recyclers

Agreement with Non Hazardous Waste Recyclers



भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

भारत INDIA

INDIA NON JUDICIAL

தமிழ்நாடு तमिलनाडु TAMILNADU

CP 791655

Green Gene Enviro Protection and Infrastructure Private Limited
Plot No. S-60, Phase-III,
SIPCOT Industrial Estate,
RANIPET - 632 405.

L.No. 03 / 5299 / B2 / 2011

AGREEMENT

THIS AGREEMENT is made on this **04th day of November 2022** (hereinafter referred to as the "**Effective Date**") between **Green Gene Enviro Protection and Infrastructure Private Limited** (Unit – Ranipet), a company incorporated and registered under the provisions of the Companies Act, 2013 and having its registered office at 370, S V P Road, Cigaretwala Building, Opp. CBI, Prathna Samaj, Nr Harkishandas Hospital, MUMBAI - 400004, Maharashtra, INDIA **(CIN: U73100MH2005PTC262100** (hereinafter referred to as "GGEPIPL" which expression shall unless repugnant to the context or meaning thereof shall mean and include its successors, permitted assigns) of the FIRST PART;

AND

M/s.VELLORE INSTITUTE OF TECHNOLOGY which is a Society duly incorporated under the Provisions of Companies Act,2013 and having its registered office and works at **Main Building, Tiruvalam Road, Tamil Nadu, Katpadi, Vellore, 632014** (hereinafter referred to as "the Generator" which expression shall unless repugnant to the context or meaning thereof, shall mean and include its successors, assigns and affiliates) of the OTHER PART.

Signed for & on behalf of GGEPIPL

Green Gene Enviro Protection and Infrastructure Private Limited
Authorized Signatory

Page 1 of 13

Signed for & on behalf of Generator

REGISTRAR
Vellore Institute of Technology (VIT)
(Deemed to be University under section 3 of UGC Act, 1956)
Vellore-632 014, Tamil Nadu, India

Agreement with Used Oil Recyclers

தமிழ்நாடு தமிழ்நாடு TAMILNADU

DN 925763

VIT UNIVERSITY
VELLORE

R. அனிதா
முத்திரைதாள் விற்பனையா
L. No.: 10/KPD/2011
மாவட்டவேடு, காட்பாடி, வே

AGREEMENT FOR DISPOSAL OF HAZARDOUS WASTE

This agreement is made at Vellore on this 1st day of September 2024 between:

M/s.VELLORE INSTITUTE OF TECHNOLOGY, Deemed to be University, Vellore Campus, having its educational Institution Campus at **Main Building, Tiruvalam Road, Tamil Nadu, Katpadi, Vellore, 632014**. Represented by its Registrar, herein referred to as **"SELLER/INSTITUTE"** which expression shall unless repugnant to the context and meaning thereof mean and include its successors and assign of the FIRST PART

AND

M/s **SPAZE INTERNATIONAL,** located at SF No 247/3A, 3-B, Omandur to Pulivalam Road, Omandur, Tiruchirappalli, Tamil Nadu - 621006. Here in after called **BUYER/RECYCLER** represented by its **PROPRIETOR** which expression unless repugnant to the subject or context shall include its successors and assignees of the SECOND PART

1. **SCOPE OF THE CONTRACT WORK:**

a. **M/s. SPAZE INTERNATIONAL** shall collect and dispose the used/spent oil and filters from **M/s.VELLORE INSTITUTE OF TECHNOLOGY, Vellore Campus** as per the terms as agreed under.

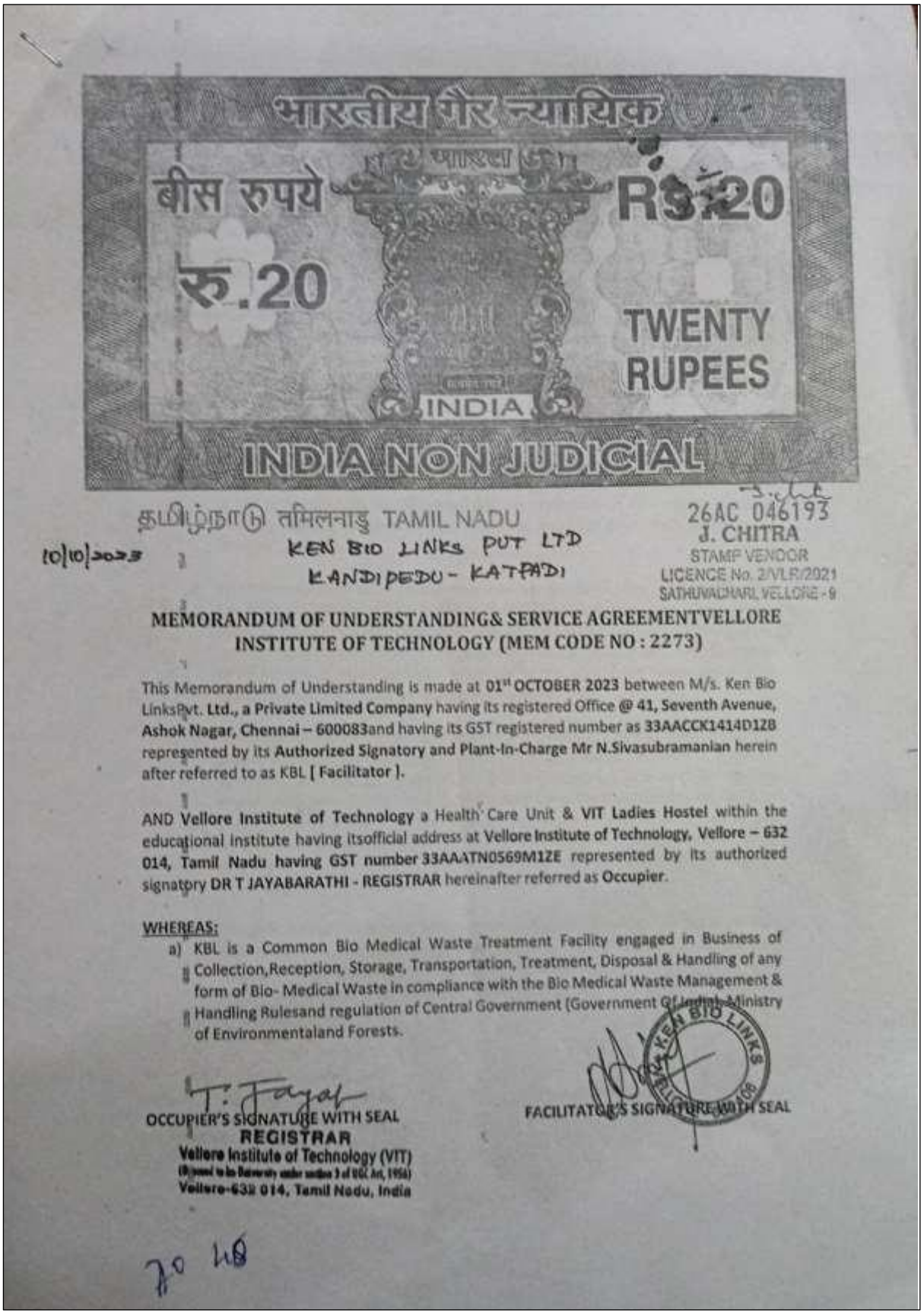
b. **M/s. SPAZE INTERNATIONAL** should comply and shall continue to comply and operate with all applicable permits and all applicable environment and other relevant laws, whether

T. Fayaz

Vellore Institute of Technology

For SPAZE INTERNATIONAL
V. Nithiya
Proprietor

Agreement with Biomedical Waste Disposal Facility



भारतीय गैर न्यायिक

बीस रुपये

₹ 20

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TWENTY RUPEES

INDIA

INDIA NON JUDICIAL

தமிழ்நாடு तमिलनाडु TAMIL NADU

26AC 046193

J. CHITRA
STAMP VENDOR
LICENCE No. 2/VLR/2021
SATHUVACHARI, VELLORE - 9

10/10/2023

KEN BIO LINKS PVT LTD
KANDIPEDU - KATPADI

MEMORANDUM OF UNDERSTANDING& SERVICE AGREEMENTVELLORE INSTITUTE OF TECHNOLOGY (MEM CODE NO : 2273)

This Memorandum of Understanding is made at **01st OCTOBER 2023** between M/s. Ken Bio LinksPvt. **Ltd., a Private Limited Company** having its registered Office **@ 41, Seventh Avenue, Ashok Nagar, Chennai – 600083**and having its GST registered number as **33AACCK1414D1ZB** represented by its **Authorized Signatory and Plant-In-Charge Mr N.Sivasubramanian** herein after referred to as KBL **[Facilitator].**

AND **Vellore Institute of Technology** a Health Care Unit & **VIT Ladies Hostel** within the educational Institute having itsofficial address at **Vellore Institute of Technology, Vellore – 632 014, Tamil Nadu having GST number 33AAATN0569M1ZE** represented by its authorized signatory **DR T JAYABARATHI - REGISTRAR** hereinafter referred as **Occupier.**

WHEREAS:

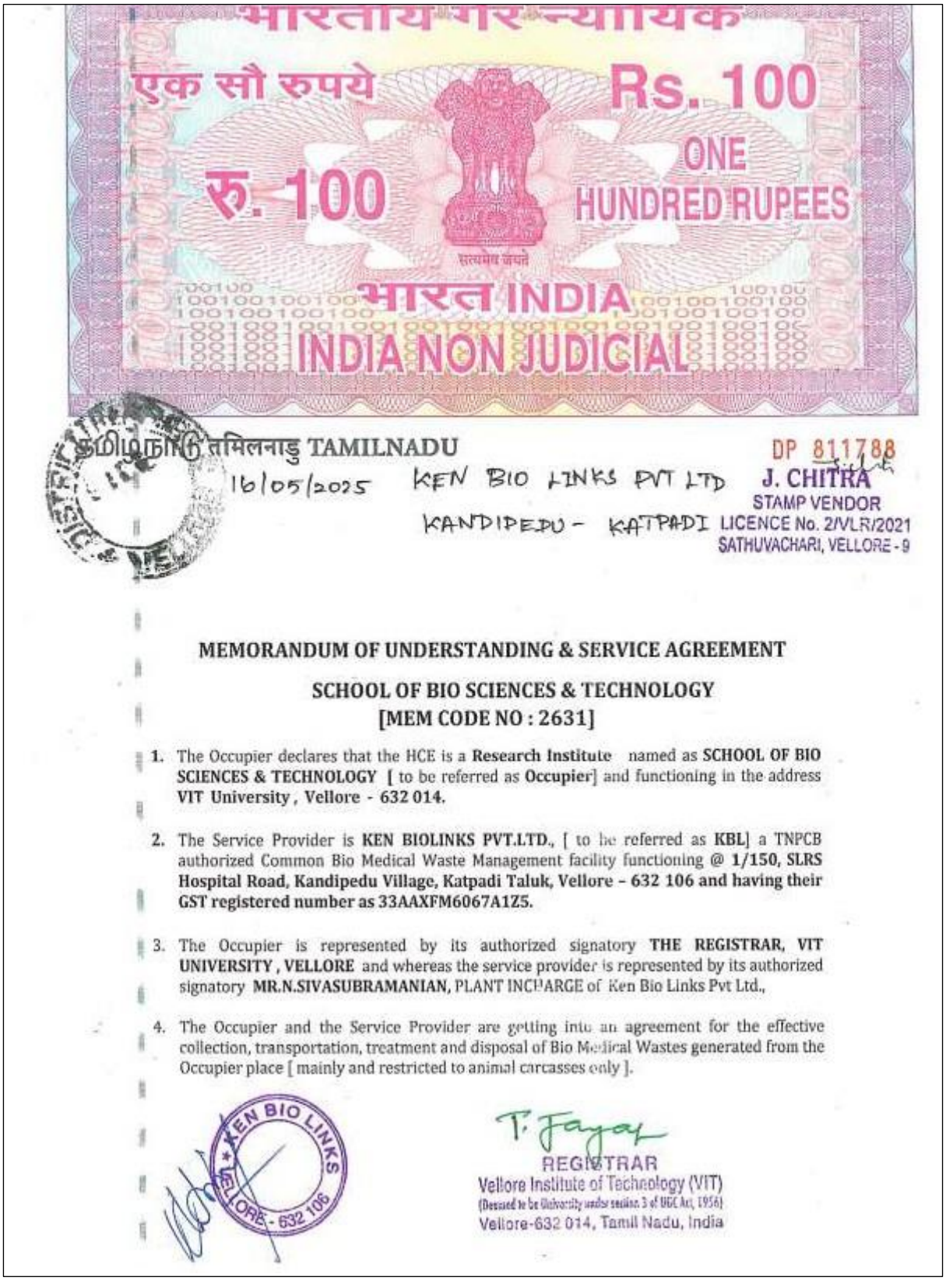
a) KBL is a Common Bio Medical Waste Treatment Facility engaged in Business of Collection,Reception, Storage, Transportation, Treatment, Disposal & Handling of any form of Bio- Medical Waste in compliance with the Bio Medical Waste Management & Handling Rulesand regulation of Central Government (Government Of India) Ministry of Environmentaland Forests.

KEN BIO LINKS

OCCUPIER'S SIGNATURE WITH SEAL
REGISTRAR
Vellore Institute of Technology (VIT)
(Deemed to be University under section 3 of UGC Act, 1956)
Vellore-632 014, Tamil Nadu, India

FACILITATOR'S SIGNATURE WITH SEAL

70 48



MEMORANDUM OF UNDERSTANDING & SERVICE AGREEMENT

SCHOOL OF BIO SCIENCES & TECHNOLOGY
[MEM CODE NO : 2631]

1. The Occupier declares that the HCE is a **Research Institute** named as **SCHOOL OF BIO SCIENCES & TECHNOLOGY** [to be referred as **Occupier**] and functioning in the address **VIT University , Vellore - 632 014.**

2. The Service Provider is **KEN BIOLINKS PVT.LTD.,** [to be referred as **KBL**] a TNPCB authorized Common Bio Medical Waste Management facility functioning @ **1/150, SLRS Hospital Road, Kandipedu Village, Katpadi Taluk, Vellore – 632 106 and having their GST registered number as 33AAXFM6067A1Z5.**

3. The Occupier is represented by its authorized signatory **THE REGISTRAR, VIT UNIVERSITY , VELLORE** and whereas the service provider is represented by its authorized signatory **MR.N.SIVASUBRAMANIAN,** PLANT INCHARGE of Ken Bio Links Pvt Ltd.,

4. The Occupier and the Service Provider are getting into an agreement for the effective collection, transportation, treatment and disposal of Bio Medical Wastes generated from the Occupier place [mainly and restricted to animal carcasses only].

KEN BIO LINKS VELLORE - 632 106

T. Fayaz
REGISTRAR
Vellore Institute of Technology (VIT)
(Deemed to be University under section 3 of UGC Act, 1956)
Vellore-632 014, Tamil Nadu, India

Manifest of E-waste Disposal

Form-6
[See rule 19]

GREEN - E WASTE PVT LTD
NO-33 GEASON COLONY,
KILL AYANAMBAKKAM VILLAGE,
AMBATTUR CH-600 095
PH- 9566214845

E-WASTE MANIFEST

1.	Sender's name and mailing address (including Phone No.) :	Vellore Institute of Technology (VIT) Vellore.
2.	Sender's authorisation No, if applicable. :	3344ATN0569M1ZE
3.	Manifest Document No. :	VIT/05/07/2425
4.	Transporter's name and address : (including Phone No.)	LATHA ROADLINES. AP-270, Kumar colony Annanagar West. Ch-40.
5.	Type of vehicle :	(Truck or Tanker or Special Vehicle) Truck
6.	Transporter/s registration No. :	—
7.	Vehicle registration No. :	TN-09 BR 4285
8.	Receiver's name & address :	GREEN - E WASTE PVT LTD
9.	Receiver's authorisation No, if applicable. :	EWM/RS/TLR/F.No-033/2020
10.	Description of E-Waste (Item, Weight/ Numbers) :	2400 Kg CPU, Monitor, Keyboard,
11.	Name and stamp of Sender* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler): Signature:	MONTH / DAY / YEAR 05 08 2024
12.	Transporter acknowledgement of receipt of E-Wastes	
	Name and stamp: Signature:	MONTH / DAY / YEAR 05 08 2024
13.	Receiver* (Collection Centre or Refurbisher or Dismantler or Recycler) certification of receipt of E-waste	
	Name and stamp: Signature:	MONTH / DAY / YEAR 05 08 2024

* As applicable

Agreement with Non-Biodegradable Waste Recyclers

भारतीय गैर न्यायिक

एक सौ रुपये Rs. 100

रु. 100 ONE HUNDRED RUPEES

सत्यमेव जयते

भारत INDIA

INDIA NON JUDICIAL

தமிழ்நாடு तमिलनाडु TAMILNADU

07 FEB 2025

ALIBA

DP 488208

T.S. JAYAPRAKASH

STAMP VENDOR

WASTE MANAGEMENT (GARBAGE CLEARANCE) SERVICE AGREEMENT

FOR NORTH SIDE OF VIT, VELLORE CAMPUS

This agreement is made at Katpadi on this **1st Day of June, 2025** between

Vellore Institute of Technology, Deemed to be University, having its official address at Vellore Institute of Technology, Vellore – 632 014, Tamil Nadu represented by its REGISTRAR hereinafter referred as "**VIT**".

And

M/s. Alenkar Infra Business Alliance (Aliba) , having its registered office at No. 58/T-1; 7th Avenue, Ashok Nagar, Chennai- 600083 represented by its **Authorized Signatory** herein after referred to as "**CONTRACTOR**".

REGISTRAR
Vellore Institute of Technology (VIT)
(Deemed to be University under section 3 of UGC Act, 1956)
Vellore-632 014, Tamil Nadu, India

ALENKAR INFRA BUSINESS ALLIANCE aliba CHENNAI

தமிழ்நாடு तमिलनाडु TAMILNADU
07 FEB 2025

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T. Jayaprakash
REGISTRAR
Vellore Institute of Technology (VIT)
(Deemed to be University under section 3 of UGC Act, 1956)
Vellore-632 014, Tamil Nadu, India

ALENKAR INFRA BUSINESS ALLIANCE aliba CHENNAI

Annexure III

Sustainable Investment Policy and Sustainable Procurement Policy

Sustainable Investment Policy and Sustainable Procurement Policy

The policy is made by considering re-cycling and pollution control strategies, renewable and alternative energy, adaptive response to climate change, reduced health risk for Vellore Institute of Technology (VIT) employees and contractors, less risk for operations and maintenance, reduced life cycle costs and prevention instead of treatment. This policy outlines how the Vellore Institute of Technology is incorporating environmental, social, and governance (ESG) factors within their investments, reflecting the ambitious sustainability agenda within the University in line with the Vellore Institute of Technology SDG 2050 objective of achieving net zero carbon emissions. It also establishes the objectives and parameters of the investment portfolios.

The specific components of the policy are listed below.

- The Vellore Institute of Technology (VIT) will make direct investments that are spread across sustainability topics and that are specifically designed to generate both environmental and social return.
- VIT invests on retrofitting and renovation to improve the sustainability
- Waste & Materials: VIT invests on zero waste policy by waste segregation and handling, composting techniques, bio gas, bio-mass generation to handle organic wastes and inorganic wastes recycling.
- Clean Energy: VIT invests on clean energy transition policy as soon as is practical, any investment of the Portfolios in the energy sector will actively reflect the University's aspiration to support energy transition towards clean energy addition. Clean energy generation capacity via roof top solar PV generation, wind and solar power procurement through third party power purchase.
- Energy conservation : VIT invests on the use of energy efficient techniques and appliances in all the new projects example electrical systems like lighting, fans, pumps, lifts and HVAC systems
- Water conservation: VIT invests further in water reuse via STP treated water for flushing, feed water for HVAC systems, vehicle washing and gardening.
- VIT invests on Electric Vehicle usage for internal shuttling and more EV green charging slots
- VIT invests on sustainable buildings
- VIT invests on outside campus sustainability, clean and green environmental initiatives
- VIT invests heavily on research to bring sustainable development

- VIT invests on creating awareness and competency about sustainability in all its academic activities
- Sharing VIT Expertise with the public, educators, and students to provide opportunities to participate in our Mission, foster innovation, and contribute to a strong national economy and global sustainability.

T. Fayaz
Registrar

REGISTRAR
Vellore Institute of Technology (VIT)
(Deemed to be University under section 3 of UGC Act, 1956)
Vellore-632 014, Tamil Nadu, India

K Palanisamy
15/11/24

Dr. K. Palanisamy, Ph.D.,
Dy. Director - Electrical Maintenance
and Electrical Projects
Vellore Institute of Technology
(Deemed to be Unviersity under section3 of the UGC Act, 1956)
Vellore – 632 014, TN, India.

Annexure IV

Environmental Approvals/NOC

Category of the Industry :

RED

CONSENT ORDER NO. 2508264897718 DATED: 04/04/2025.

PROCEEDINGS NO.T4/TNPCB/F.0865VLR/RL/VLR/A/2025 DATED: 04/04/2025

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT –M/s. VIT UNIVERSITY , S.F.No. S.F. No. 600/1A, 600/1B, 600/2, 601/1A, 608/1, 608/2, 608/3, 609/2A, 609/2B, 609/4A, 609/4B, 610/1B, 610/3A, 631/7, 560, 561, 562/1A, 563, 564, 565, 566/1, 782, 783/2, 784/2A of Katpadi Village, S.F.No. 9/1, 9/2, 10/1, 10/2, 10/3, 10/4, 10/5, 11/4, 13, 14/1A, 14/1B, 17/1, 17/2B2, 18/1A1, 18/1A2, 18/1B, 18/1C1, 18/1C2, 18/1C3, 19, 20, 21, 22/1, 24/4, 25/1A1, 25/1A2, 25/1A3, 25/1A4, 25/1B1, 25/1B2, 25/1B3, 25/1B4, 25/2A, 25/2B, 26/1A1, 26/1A2, 26/1A3, 26/1A4, 26/1A5, 26/1A6, 26/1A7, 26/1B1, 26/1B2, 26/1B3, 26/1B4, 26/2A, 26/2B, 26/2C, 28/1, 445/1B, 29/1, 30, 32, 33, 34/1, 35, 37, 39, 40, 41, 42, 446/1, 447/1, 447/2 of Kangeyanallur Village and S.F. No. 351/1, 352/2, 353/1A, 353/1B, 353/2A, 354/1, 354/2, 355, 356/1A, 356/1B, 356/1C, 356/2A1, 356/2A2, 356/2B, 356/2C, 357/1A, 357/1B, 357/2A, 357/2B, 357/2C, 357/2E, 357/3A, 357/3B, 357/3D, 357/3E, 357/3F, 360/1, 360/2, 360/3, 360/4, 361/1, 361/2, 362/1A1A, 362/1A3A, 362/1A1B, 362/1A3B, 362/1A2, 362/3B1, 362/4A1, 362/4A2, 362/4A3, 362/4A4, 362/4A5, 362/4A6, 362/5B1, 362/5C, 362/5D1, 362/5D2, 362/5E, 365/2C1B, 365/2C2B, 365/2C3B, 365/2C4B, 365/2C6B, 365/2C7B, 365/2C8B, 372, 375/1A1, 375/1A2, 375/1A3, 375/1A4, 375/1B1, 375/1B2, 375/1B3, 375/1B4, 375/1C1, 375/1C2, 375/1C3, 375/1C4, 375/1D1, 375/1D2, 375/1D3, 375/1D4, 375/1E, 375/2, 376/1A1, 376/1A2, 376/1A3, 376/1A4 of Brammapuram Village, BHIRAMMAPURAM village, Katpadi Taluk and Vellore District - Renewal of Consent for the operation of the plant and discharge of emissions under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) –Issued- Reg. (Industry User ID-O15VLR3166832)

REF: 1. Application no. 64897718 dated: 22.03.2025.
2. IR.No : F.0865VLR/RL/AE/VLR/2025 dated 30/03/2025.

RENEWAL OF CONSENT is hereby granted under Section 21 of the Air (Prevention and Control of Pollution) Act, 1981 as amended in 1987 (Central Act 14 of 1981) (hereinafter referred to as “The Act”) and the rules and orders made there under to

Vice-President

M/s . VIT UNIVERSITY

S.F No. S.F. No. 600/1A, 600/1B, 600/2, 601/1A, 608/1, 608/2, 608/3, 609/2A, 609/2B, 609/4A, 609/4B, 610/1B, 610/3A, 631/7, 560, 561, 562/1A, 563, 564, 565, 566/1, 782, 783/2, 784/2A of Katpadi Village, S.F.No. 9/1, 9/2, 10/1, 10/2, 10/3, 10/4, 10/5, 11/4, 13, 14/1A, 14/1B, 17/1, 17/2B2, 18/1A1, 18/1A2, 18/1B, 18/1C1, 18/1C2, 18/1C3, 19, 20, 21, 22/1, 24/4, 25/1A1, 25/1A2, 25/1A3, 25/1A4, 25/1B1, 25/1B2, 25/1B3, 25/1B4, 25/2A, 25/2B, 26/1A1, 26/1A2, 26/1A3, 26/1A4, 26/1A5, 26/1A6, 26/1A7, 26/1B1, 26/1B2, 26/1B3, 26/1B4, 26/2A, 26/2B, 26/2C, 28/1, 445/1B, 29/1, 30, 32, 33, 34/1, 35, 37, 39, 40, 41, 42, 446/1, 447/1, 447/2 of Kangeyanallur Village and S.F. No. 351/1, 352/2, 353/1A, 353/1B, 353/2A, 354/1, 354/2, 355, 356/1A, 356/1B, 356/1C, 356/2A1, 356/2A2, 356/2B, 356/2C, 357/1A, 357/1B, 357/2A, 357/2B, 357/2C, 357/2E, 357/3A, 357/3B, 357/3D, 357/3E, 357/3F, 360/1, 360/2, 360/3, 360/4, 361/1, 361/2, 362/1A1A, 362/1A3A, 362/1A1B, 362/1A3B, 362/1A2, 362/3B1, 362/4A1, 362/4A2, 362/4A3, 362/4A4, 362/4A5, 362/4A6, 362/5B1, 362/5C, 362/5D1, 362/5D2, 362/5E, 365/2C1B, 365/2C2B, 365/2C3B, 365/2C4B, 365/2C6B, 365/2C7B, 365/2C8B, 372, 375/1A1, 375/1A2, 375/1A3, 375/1A4, 375/1B1, 375/1B2, 375/1B3, 375/1B4, 375/1C1, 375/1C2, 375/1C3, 375/1C4, 375/1D1, 375/1D2, 375/1D3, 375/1D4, 375/1E, 375/2, 376/1A1, 376/1A2, 376/1A3, 376/1A4 of Brammapuram Village

BHIRAMMAPURAM Village

Katpadi Taluk

Vellore District.

Authorizing the occupier to operate the industrial plant in the Air Pollution Control Area as notified by the Government and to make discharge of emission from the stacks/chimneys.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending **March 31, 2030**

S INDIRAGANDHI
Digitally signed by S INDIRAGANDHI
Date: 2025.04.04 13:31:17 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products (Col. 2) at the rate (Col. 3) mentioned below. Any change in the products and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
	Product Details		
1.	Educational Institution with students strength of 30437 Nos., Staff Strength of 4744 Nos. and Total Builtup Area	649393	Sq.m
	By-Product Details		
1.	Nil	0	

2. This renewal of consent is valid for operating the facility with the below mentioned emission/noise sources along with the control measures and/or stack. Any change in the emission source/control measures/change in stack height has to be brought to the notice of the Board and fresh consent/Amendment has to be obtained.

I	Point source emission with stack :			
Stack No.	**Point Emission Source**	**Air pollution Control measures**	**Stack height from Ground Level in m**	**Gaseous Discharge in Nm3/hr**
1	DG set -500 KVA	Acoustic enclosures with stack	7.3	-
2	DG set - 500 KVA	Acoustic enclosures with stack	7.3	-
3	DG set - 250 KVA	Acoustic enclosures with stack	7.3	-
4	DG set - 500 KVA	Acoustic enclosures with stack	14.6	-
5	DG set - 500 KVA	Acoustic enclosures with stack	14.6	-
6	DG set - 250 KVA	Acoustic enclosures with stack	3	-
7	DG set - 500 KVA	Acoustic enclosures with stack	6	-
8	DG set - 500 KVA	Acoustic enclosures with stack	7	-
9	DG set - 500 KVA	Acoustic enclosures with stack	7	-
10	DG set - 180 KVA	Acoustic enclosures with stack	8.5	-
11	DG set - 250 KVA	Acoustic enclosures with stack	8.5	-
12	DG set - 500 KVA	Acoustic enclosures with stack	7.6	-
13	DG set - 500 KVA	Acoustic enclosures with stack	7.6	-
14	DG set - 500 KVA	Acoustic enclosures with stack	14	-
15	DG set - 500 KVA	Acoustic enclosures with stack	14	-
16	DG set - 500 KVA	Acoustic enclosures with stack	13	-
17	DG set - 500 KVA	Acoustic enclosures with stack	13	-

18	DG set - 50 KVA	Acoustic enclosures with stack	3	-
19	DG set - 40 KVA	Acoustic enclosures with stack	3	-
20	DG set - 40 KVA	Acoustic enclosures with stack	3	-
21	DG set - 140 KVA	Acoustic enclosures with stack	3	-
22	DG set-250 KVA	Acoustic enclosures with stack	8	-
23	DG set - 500 KVA	Acoustic enclosures with stack	7	-
24	DG set - 500 KVA	Acoustic enclosures with stack	7	-
25	DG set - 650 KVA	Acoustic enclosures with stack	24	-
26	DG set - 650 KVA	Acoustic enclosures with stack	16	-
27	DG set - 810 KVA	Acoustic enclosures with stack	7	-
28	DG set - 810 KVA	Acoustic enclosures with stack	7	-
29	DG set - 810 KVA	Acoustic enclosures with stack	16	-
30	DG set - 810 KVA	Acoustic enclosures with stack	7	-
31	DG set - 810 KVA	Acoustic enclosures with stack	7	-
II	**Fugitive/Noise emission :**			
Sl. No.	**Fugitive or Noise Emission sources**	**Type of emission**	**Control measures**	
1.	DG Sets	Noise	Acoustic enclosures	

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize “Mission LiFE” logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt “Mission LiFE” action points and document the same and furnish half yearly report to Board.

Additional Conditions:

1. The university shall operate all the APC measures continuously and effectively so as to satisfy the AAQ standards prescribed by the Board.
2. The university shall meet the noise level standards prescribed by the Board.
3. The university shall continue to develop and maintain green belt all along the periphery of the unit.
4. The university shall conduct AAQ Survey through Board Laboratory once in a Year and submit the reports to the Board.
5. The university shall remit consent fee in case of revision by the Government.
6. The university shall abide by the action to be contemplated by the Board for having completed its construction activity and commenced its operation without obtaining consent of the Board.
7. The university shall comply with the guidelines issued by MoEF & CC , GoI vide letter OM F.No. 19-2/2013-IA.III dated:09.03.2015, so as to ensure Sustainable Environmental Management and furnish Environment Management Plan (EMP) to the Board within Six months.
8. This consent order does not absolve from obtaining necessary permission/clearance from other Authority or under other statues as applicable.

S INDIRAGANDHI

Digitally signed by S INDIRAGANDHI
Date: 2025.04.04 13:31:58 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
Vice-President,
M/s.VIT UNIVERSITY,
VIT University, Katpadi Taluk, Vellore District.
Pin: 632014

Copy to:

1. The Commissioner, VELLORE-Corporation, Katpadi Taluk, Vellore District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, VELLORE.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Vellore.
4. File

Category of the Industry :

RED

CONSENT ORDER NO. 2508164897718 DATED: 04/04/2025.

PROCEEDINGS NO.T4/TNPCB/F.0865VLR/RL/VLR/W/2025 DATED: 04/04/2025

SUB: Tamil Nadu Pollution Control Board - RENEWAL OF CONSENT – M/s. VIT UNIVERSITY , S.F.No. S.F. No. 600/1A, 600/1B, 600/2, 601/1A, 608/1, 608/2, 608/3, 609/2A, 609/2B, 609/4A, 609/4B, 610/1B, 610/3A, 631/7, 560, 561, 562/1A, 563, 564, 565, 566/1, 782, 783/2, 784/2A of Katpadi Village, S.F.No. 9/1, 9/2, 10/1, 10/2, 10/3, 10/4, 10/5, 11/4, 13, 14/1A, 14/1B, 17/1, 17/2B2, 18/1A1, 18/1A2, 18/1B, 18/1C1, 18/1C2, 18/1C3, 19, 20, 21, 22/1, 24/4, 25/1A1, 25/1A2, 25/1A3, 25/1A4, 25/1B1, 25/1B2, 25/1B3, 25/1B4, 25/2A, 25/2B, 26/1A1, 26/1A2, 26/1A3, 26/1A4, 26/1A5, 26/1A6, 26/1A7, 26/1B1, 26/1B2, 26/1B3, 26/1B4, 26/2A, 26/2B, 26/2C, 28/1, 445/1B, 29/1, 30, 32, 33, 34/1, 35, 37, 39, 40, 41, 42, 446/1, 447/1, 447/2 of Kangeyanallur Village and S.F. No. 351/1, 352/2, 353/1A, 353/1B, 353/2A, 354/1, 354/2, 355, 356/1A, 356/1B, 356/1C, 356/2A1, 356/2A2, 356/2B, 356/2C, 357/1A, 357/1B, 357/2A, 357/2B, 357/2C, 357/2E, 357/3A, 357/3B, 357/3D, 357/3E, 357/3F, 360/1, 360/2, 360/3, 360/4, 361/1, 361/2, 362/1A1A, 362/1A3A, 362/1A1B, 362/1A3B, 362/1A2, 362/3B1, 362/4A1, 362/4A2, 362/4A3, 362/4A4, 362/4A5, 362/4A6, 362/5B1, 362/5C, 362/5D1, 362/5D2, 362/5E, 365/2C1B, 365/2C2B, 365/2C3B, 365/2C4B, 365/2C6B, 365/2C7B, 365/2C8B, 372, 375/1A1, 375/1A2, 375/1A3, 375/1A4, 375/1B1, 375/1B2, 375/1B3, 375/1B4, 375/1C1, 375/1C2, 375/1C3, 375/1C4, 375/1D1, 375/1D2, 375/1D3, 375/1D4, 375/1E, 375/2, 376/1A1, 376/1A2, 376/1A3, 376/1A4 of Brammapuram Village, BHIRAMMAPURAM village, Katpadi Taluk and Vellore District - Renewal of Consent for the operation of the plant and discharge of sewage and/or trade effluent under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act 6 of 1974) – Issued- Reg. (Industry User ID- O15VLR3166832)

REF: 1. Application no. 64897718 dated: 22.03.2025.
2. IR.No : F.0865VLR/RL/AE/VLR/2025 dated 30/03/2025.

RENEWAL OF CONSENT is hereby granted under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974 as amended in 1988 (Central Act, 6 of 1974) (hereinafter referred to as “The Act”) and the rules and orders made there under to

Vice-President

M/s . VIT UNIVERSITY

S.F No. S.F. No. 600/1A, 600/1B, 600/2, 601/1A, 608/1, 608/2, 608/3, 609/2A, 609/2B, 609/4A, 609/4B, 610/1B, 610/3A, 631/7, 560, 561, 562/1A, 563, 564, 565, 566/1, 782, 783/2, 784/2A of Katpadi Village, S.F.No. 9/1, 9/2, 10/1, 10/2, 10/3, 10/4, 10/5, 11/4, 13, 14/1A, 14/1B, 17/1, 17/2B2, 18/1A1, 18/1A2, 18/1B, 18/1C1, 18/1C2, 18/1C3, 19, 20, 21, 22/1, 24/4, 25/1A1, 25/1A2, 25/1A3, 25/1A4, 25/1B1, 25/1B2, 25/1B3, 25/1B4, 25/2A, 25/2B, 26/1A1, 26/1A2, 26/1A3, 26/1A4, 26/1A5, 26/1A6, 26/1A7, 26/1B1, 26/1B2, 26/1B3, 26/1B4, 26/2A, 26/2B, 26/2C, 28/1, 445/1B, 29/1, 30, 32, 33, 34/1, 35, 37, 39, 40, 41, 42, 446/1, 447/1, 447/2 of Kangeyanallur Village and S.F. No. 351/1, 352/2, 353/1A, 353/1B, 353/2A, 354/1, 354/2, 355, 356/1A, 356/1B, 356/1C, 356/2A1, 356/2A2, 356/2B, 356/2C, 357/1A, 357/1B, 357/2A, 357/2B, 357/2C, 357/2E, 357/3A, 357/3B, 357/3D, 357/3E, 357/3F, 360/1, 360/2, 360/3, 360/4, 361/1, 361/2, 362/1A1A, 362/1A3A, 362/1A1B, 362/1A3B, 362/1A2, 362/3B1, 362/4A1, 362/4A2, 362/4A3, 362/4A4, 362/4A5, 362/4A6, 362/5B1, 362/5C, 362/5D1, 362/5D2, 362/5E, 365/2C1B, 365/2C2B, 365/2C3B, 365/2C4B, 365/2C6B, 365/2C7B, 365/2C8B, 372, 375/1A1, 375/1A2, 375/1A3, 375/1A4, 375/1B1, 375/1B2, 375/1B3, 375/1B4, 375/1C1, 375/1C2, 375/1C3, 375/1C4, 375/1D1, 375/1D2, 375/1D3, 375/1D4, 375/1E, 375/2, 376/1A1, 376/1A2, 376/1A3, 376/1A4 of Brammapuram Village

BHIRAMMAPURAM Village

Katpadi Taluk

Vellore District.

Authorising the occupier to make discharge of sewage and /or trade effluent.

This is subject to the provisions of the Act, the rules and the orders made there under and the terms and conditions incorporated under the Special and General conditions stipulated in the Consent Order issued earlier and subject to the special conditions annexed.

This RENEWAL OF CONSENT is valid for the period ending **March 31, 2030**

S INDIRAGANDHI

Digitally signed by S INDIRAGANDHI
Date: 2025.04.04 13:32:37 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

SPECIAL CONDITIONS

1. This renewal of consent is valid for operating the facility for the manufacture of products/byproducts (Col. 2) at the rate (Col 3) mentioned below. Any change in the product/byproduct and its quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Sl. No.	Description	Quantity	Unit
	Product Details		
1.	Educational Institution with students strength of 30437 Nos., Staff Strength of 4744 Nos. and Total Builtup Area	649393	Sq.m
	By-Product Details		
1.	Nil	0	

2. This renewal of consent is valid for operating the facility with the below mentioned outlets for the discharge of sewage/trade effluent. Any change in the outlets and the quantity has to be brought to the notice of the Board and fresh consent has to be obtained.

Outlet No.	Description of Outlet	Maximum daily discharge in KLD	Point of disposal
Effluent Type : Sewage			
1.	Sewage 1	2118.0	Utilizing for Toilet flushing
2.	Sewage 2	2423.0	On land for gardening
Effluent Type : Trade Effluent - NILL			
1.	No Trade Effluent	0.0	Does not arise

Special Additional Conditions:

The unit shall obtain No Objection Certificate (NOC) from the Tamil Nadu Bio Diversity Board /National Bio Diversity Authority if the unit is using any Biological resources or knowledge associated thereto as per the provisions of Biological Diversity Act 2002.

The industries shall take all efforts to use and popularize “Mission LiFE” logo and mascot which is available in TNPCB & MoEFCC website. They shall also request their employees to adopt “Mission LiFE” action points and document the same and furnish half yearly report to Board.

Additional Conditions:

1. The university shall ensure that all the STP components are operated efficiently and continuously and shall ensure that the treated sewage satisfy the standards prescribed by the Board at all times before discharge on inland surface water/Recycling.
2. The university shall utilize the treated sewage/trade effluent for green belt development after the disinfections.
3. The university shall ensure that there shall not be any ponding of sewage while utilizing the treated sewage for gardening.
4. The university shall maintain the EMFMs provided at the inlet and outlet of STP efficiently and continuously, so as to record the actual flow on daily basis.
5. The university shall analyze the treated sewage samples periodically through Board's laboratory and furnish ROA of the same to the Board.
6. The university shall ensure that under any circumstances no treated/untreated sewage water is disposed to outside the unit's premises.
7. The university shall operate and maintain the separate energy meters provided to record the daily energy consumption of the STP.
8. The university shall take all safety precautions during regular operation and while carrying out any maintenance work in the STP.
9. In the event of any unpleasant incident / accident of any kind in the STP area the unit shall held personally responsible for the incident.
10. It shall be taken action to calibrate the Electromagnetic Flow meters provided in the STP/ GWTP periodically only through approved laboratories of Weights and Measures Department for display of correct readings at all time.
11. It shall be taken action to install the OCEMS in the outlet of all the STP by following the procedure and guidelines for OCEMS 2018 as recommended by CPCB for continuous monitoring of treated waste water parameters by making connectivity with WQW of TNPCB.
12. The university shall operate and maintain bio methanation plant for the treatment and disposal of biodegradable waste.
13. The university shall ensure that solid waste shall be properly collected then and there and disposed properly without accumulation.
14. The university shall comply with the provisions of Bio-Medical Waste Management (Amendment) Rules, 2018 as amended from time to time.
15. The bio degradable solid waste, non bio degradable solid waste, STP sludge, etc generated from the project activity shall be properly collected, segregated and disposed as per the provision of Solid waste(Management and Handling)Rules, 2016.
16. The unit shall not use "use and throwaway plastics' such as plastic sheets used for food wrapping , spreading on dining table etc., plastic plates , plastic coated tea cups, plastic tumbler , water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco friendly alternative such as banana leaf, arecanut palm, stainless steel, glass, porcelain plates/cups/cloth bag, jute bag etc.,
17. The unit shall comply with the E waste Management Rules 2022 as amended.
18. Rain water harvesting system installed within the premises shall be maintained properly so as to recharge the ground water.
19. The unit shall remit consent fee in case of revision by the Government.
20. The university shall abide by the action to be contemplated by the Board for having completed its construction activity and commenced its operation without obtaining consent of the Board.
21. The university shall comply with the guidelines issued by MoEF & CC , GoI vide letter OM F.No. 19-2/2013-IA.III dated:09.03.2015, so as to ensure Sustainable Environmental Management and furnish Environment Management Plan (EMP) to the Board within Six months.
22. This consent order does not absolve from obtaining necessary permission/clearance from other Authority or under other statues as applicable.

S INDIRAGANDHI
Digitally signed by S INDIRAGANDHI
Date: 2025.04.04 13:32:54 +05'30'

For Member Secretary,
Tamil Nadu Pollution Control Board,
Chennai

To
Vice-President,
M/s.VIT UNIVERSITY,
VIT University, Katpadi Taluk, Vellore District.

Pin: 632014

Copy to:

1. The Commissioner, VELLORE-Corporation, Katpadi Taluk, Vellore District .
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, VELLORE.
3. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Vellore.
4. File

AUTHORISATION No. 23HFZ55187712 dated 09/11/2023

Proceeding No. JCEE-M/VLZ/TNPCB/F.0865VLR/HWA/RL/VLR/2023 dated 09/11/2023

Sub: Tamil Nadu Pollution Control Board – Hazardous Waste Authorization-Fresh- M/s. VIT UNIVERSITY, S.F.No. S.F. No. 600/1A, 600/1B, 600/2, 601/1A, 608/1, 608/2, 608/3, 609/2A, 609/2B, 609/4A, 609/4B, 610/1B, 610/3A, 631/7, 560, 561, 562/1A, 563, 564, 565, 566/1, 782, 783/2, 784/2A of Katpadi Village, S.F.No. 9/1, 9/2, 10/1, 10/2, 10/3, 10/4, 10/5, 11/4, 13, 14/1A, 14/1B, 17/1, 17/2B2, 18/1A1, 18/1A2, 18/1B, 18/1C1, 18/1C2, 18/1C3, 19, 20, 21, 22/1, 24/4, 25/1A1, 25/1A2, 25/1A3, 25/1A4, 25/1B1, 25/1B2, 25/1B3, 25/1B4, 25/2A, 25/2B, 26/1A1, 26/1A2, 26/1A3, 26/1A4, 26/1A5, 26/1A6, 26/1A7, 26/1B1, 26/1B2, 26/1B3, 26/1B4, 26/2A, 26/2B, 26/2C, 28/1, 445/1B, 29/1, 30, 32, 33, 34/1, 35, 37, 39, 40, 41, 42, 446/1, 447/1, 447/2 of Kangeyanallur Village and S.F. No. 351/1, 352/2, 353/1A, 353/1B, 353/2A, 354/1, 354/2, 355, 356/1A, 356/1B, 356/1C, 356/2A1, 356/2A2, 356/2B, 356/2C, 357/1A, 357/1B, 357/2A, 357/2B, 357/2C, 357/2E, 357/3A, 357/3B, 357/3D, 357/3E, 357/3F, 360/1, 360/2, 360/3, 360/4, 361/1, 361/2, 362/1A1A, 362/1A3A, 362/1A1B, 362/1A3B, 362/1A2, 362/3B1, 362/4A1, 362/4A2, 362/4A3, 362/4A4, 362/4A5, 362/4A6, 362/5B1, 362/5C, 362/5D1, 362/5D2, 362/5E, 365/2C1B, 365/2C2B, 365/2C3B, 365/2C4B, 365/2C6B, 365/2C7B, 365/2C8B, 372, 375/1A1, 375/1A2, 375/1A3, 375/1A4, 375/1B1, 375/1B2, 375/1B3, 375/1B4, 375/1C1, 375/1C2, 375/1C3, 375/1C4, 375/1D1, 375/1D2, 375/1D3, 375/1D4, 375/1E, 375/2, 376/1A1, 376/1A2, 376/1A3, 376/1A4 of Brammapuram Village, BHIRAMMAPURAM Village, KATPADI Taluk, Vellore District - Authorization under Rule 6 (2) of the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 enacted under Environment (Protection) Act, 1986 – Issued- Reg.

Ref: 1. OCMMS Application 55187712 dated : 23-09-2023
2. HWA-IR.No.0865VLR/HWA/RL/DEE/VLR/2023 dated 08/11/2023

FORM 2

[See rule 6 (2)]

FORM FOR GRANT OR RENEWAL OF AUTHORISATION TO THE OCCUPIERS, RECYCLERS, REPROCESSORS, REUSERS, USER AND OPERATORS OF DISPOSAL FACILITIES

1. Number of authorization: 23HFZ55187712 and dated : 09/11/2023

2. Vice-President of M/s. VIT UNIVERSITY is hereby granted an Authorisation based on the enclosed signed Inspection report for Generation, Collection, Storage and Disposal of hazardous or other wastes or both on the premises situated at S.F.No. S.F. No. 600/1A, 600/1B, 600/2, 601/1A, 608/1, 608/2, 608/3, 609/2A, 609/2B, 609/4A, 609/4B, 610/1B, 610/3A, 631/7, 560, 561, 562/1A, 563, 564, 565, 566/1, 782, 783/2, 784/2A of Katpadi Village, S.F.No. 9/1, 9/2, 10/1, 10/2, 10/3, 10/4, 10/5, 11/4, 13, 14/1A, 14/1B, 17/1, 17/2B2, 18/1A1, 18/1A2, 18/1B, 18/1C1, 18/1C2, 18/1C3, 19, 20, 21, 22/1, 24/4, 25/1A1, 25/1A2, 25/1A3, 25/1A4, 25/1B1, 25/1B2, 25/1B3, 25/1B4, 25/2A, 25/2B, 26/1A1, 26/1A2, 26/1A3, 26/1A4, 26/1A5, 26/1A6, 26/1A7, 26/1B1, 26/1B2, 26/1B3, 26/1B4, 26/2A, 26/2B, 26/2C, 28/1, 445/1B, 29/1, 30, 32, 33, 34/1, 35, 37, 39, 40, 41, 42, 446/1, 447/1, 447/2 of Kangeyanallur Village and S.F. No. 351/1, 352/2, 353/1A, 353/1B, 353/2A, 354/1, 354/2, 355, 356/1A, 356/1B, 356/1C, 356/2A1, 356/2A2, 356/2B, 356/2C, 357/1A, 357/1B, 357/2A, 357/2B, 357/2C, 357/2E, 357/3A, 357/3B, 357/3D, 357/3E, 357/3F, 360/1, 360/2, 360/3, 360/4, 361/1, 361/2, 362/1A1A, 362/1A3A, 362/1A1B, 362/1A3B, 362/1A2, 362/3B1, 362/4A1, 362/4A2, 362/4A3, 362/4A4, 362/4A5, 362/4A6, 362/5B1, 362/5C, 362/5D1, 362/5D2, 362/5E, 365/2C1B, 365/2C2B, 365/2C3B, 365/2C4B, 365/2C6B, 365/2C7B, 365/2C8B, 372, 375/1A1, 375/1A2, 375/1A3, 375/1A4, 375/1B1, 375/1B2, 375/1B3, 375/1B4, 375/1C1, 375/1C2, 375/1C3, 375/1C4, 375/1D1, 375/1D2, 375/1D3, 375/1D4, 375/1E, 375/2, 376/1A1, 376/1A2, 376/1A3, 376/1A4 of Brammapuram Village, BHIRAMMAPURAM Village, KATPADI Taluk, Vellore District.

Sl No	Schedule / Name of the Processes	Name of Hazardous Waste (with category No)	Quantity	Activities for which Authorization is issued
1	Schedule I /5. Industrial operations using mineral or synthetic oil as lubricant in hydraulic systems or other applications	5.1-Used or spent oil	4.5 T/Annum	Generation,Collection,Storage,Disposal

3. This authorization shall be valid for a period upto 31/03/2028.

The Authorization is issued subject to the following general and special conditions annexed.

A SHANMUGAM Digitally signed by A SHANMUGAM Date: 2023.11.15 11:51:19 +05'30'

Joint Chief Environmental Engineer-Monitoring
Tamil Nadu Pollution Control Board
Vellore

A. GENERAL CONDITIONS OF AUTHORIZATION

1. The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by Tamil Nadu Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this Authorisation.
4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of his authorization.
5. The person authorised shall implement Emergency Response procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire ,etc and their possible impacts and also carry out mock drill in this regard at regular interval of time.
6. The person authorised shall comply with the provisions outlined in the CPCB guidelines on "Implementing Liabilities for Environmental damages due to Handling and Disposal of Hazardous Wastes and Penalty".
7. It is the duty of the authorized person to take prior permission of Tamil Nadu Pollution Control Board to close down the facility.
8. The imported Hazardous and other wastes shall be fully insured for transit as well as the accidental occurrences and its clean-up operation.
9. The record of consumption and fate of the imported hazardous and other wastes shall be maintained.
10. The Hazardous and other wastes which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of Authorisation.
11. The importer or Exporter shall bear the cost of import or export or mitigation of damages if any.
12. An application for the renewal of an authorization shall be made as laid down under these Rules.
13. Any other conditions for compliance as per the Guidelines issued by the MoEF and CC or CPCB from time to time.
14. Annual returns shall be filed by June 30th for the period ending 31st March of the previous financial year.

B. SPECIFIC CONDITIONS - HW Generator

1. The occupier/generator shall be responsible for safe and environmentally sound management of hazardous and other wastes.
2. The occupier shall follow the following steps for the management of hazardous and other wastes. (a) prevention (b) minimization (c) reuse (d) recycling (e) recovery, utilisation including co-processing an (f) safe disposal

3. The occupier shall take all the steps while managing hazardous and other wastes - (a) To contain contaminants and prevent accidents and limit their consequences on human beings and the environment; and (b) To provide persons working in the site with appropriate training, equipment and the information necessary to ensure their safety.

4. The occupier shall store the hazardous and other wastes for a period not exceeding ninety days and shall maintain a record of sale, transfer, storage, recycling, recovery, pre-processing, co-processing and utilisation of such wastes and make these records available for inspection:

5. The hazardous and other wastes shall be stored temporally in an isolated area earmarked for the purpose within the occupier's premises (it shall not be accessible to rain water) till scientific disposal. The storage area shall be fenced properly and a sign of danger shall be placed at the storage site.

6. The containers holding the hazardous and other wastes shall be kept in good condition and made of materials which can withstand the physical and environmental conditions during storage and transportation. Only properly cleaned containers shall be used for storage of hazardous and other wastes.

7. The occupier handling hazardous or other wastes shall maintain records of such operations of generation, handling, storage and disposal as per Form 3.

8. The hazardous and other wastes generated in the establishment of the occupier shall be sent or sold to an authorised actual user or shall be disposed of in an authorised disposal facility.

9. The occupier handling hazardous or other wastes shall ensure that the hazardous and other wastes are packaged in a manner suitable for safe handling, storage and transport as per the guidelines issued by the Central Pollution Control Board from time to time

10. The labelling of package of hazardous or other wastes shall be done as per Form 8. The label shall be of non-washable material, weather proof and easily visible.

11. The hazardous and other wastes shall be transported from the occupier's establishment to an authorised actual user or to an authorised disposal facility in accordance with the provisions of these rules.

12. The transport of the hazardous and other wastes shall be in accordance with the provisions of these rules and the rules made by the Central Government under the Motor Vehicles Act, 1988 and the guidelines issued by the Central Pollution Control Board from time to time in this regard..

13. The occupier shall provide the transporter with the relevant information in Form 9, regarding the hazardous nature of the wastes and measures to be taken in case of an emergency and shall label the hazardous and other wastes containers as per Form 8

14. The authorisation for transport shall be obtained either by the sender or the receiver on whose behalf the transport is being arranged.

15. The transporter/sender of the hazardous and other wastes shall prepare and maintain manifest in Form 10.

16. The occupier or the operator or the transporter shall immediately intimate TNPCB through telephone, e-mail about the accident and subsequently send a report in Form 11, where an accident occurs at the facility of the occupier handling hazardous or other wastes and operator of the disposal facility or during transportation

17. The occupier who intends to get its hazardous and other wastes treated and disposed of by the operator of a treatment, storage and disposal facility shall give to the operator of that facility, such specific information as may be needed for safe storage and disposal.

18. The occupier shall be liable for all damages caused to the environment due to improper handling and management of the hazardous and other wastes.

19. The occupier handling hazardous and other wastes shall submit annual returns containing the details specified in Form 4 to TNPCB on or before the 30th day of June of every year for the preceding period April to March.

20. Any increase in quantity of handling of hazardous and other wastes, any change in category of hazardous and other wastes and any change in method of handling operations shall be brought to the notice of the TNPCB and fresh authorization shall be obtained.

ADDITIONAL SPECIFIC CONDITIONS

1. The unit shall collect, store and dispose the hazardous wastes to the authorised recycler only as reported.

2. The unit shall comply with the provisions of Hazardous and Other Wastes (Management andTransboundary Movement) Rules, 2016.

3. The unit shall maintain the hazardous waste display boards (English & Tamil) in front of the unit clearly updating the same regularly as mandated by the Hon'ble Supreme Court Order dated 14.10.2003 in the matter of WP No.657/1995.

4. The unit shall store the Hazardous Waste within a closed shed and also ensure that there is no spillage in the storage area.

5. The unit shall dispose all the accumulated Hazardous waste within 90 days as per the activity for which authorization is issued.

6. The unit shall reduce the hazardous waste generation year after year.

7. The unit shall maintain Form 3 and submit Form 4 prescribed under the Hazardous wastes (Management, Handling and Transboundary Movement) Rules 2016.

8. The Hazardous wastes shall be disposed only with manifest and the same shall be endorsed by the dispatcher, transporter and receiver of Hazardous waste.

9. The unit shall furnish the endorsed copy of the Form-10 (manifest) of the Hazardous and other wastes, (Management and Transboundary Movement) Rules 2016 as amended to TNPCB.

10. The unit shall maintain good housekeeping inside the premises.

11. The unit shall renew and have valid agreements with hazardous waste facilitators at all times.

12. The unit shall possess valid consent of the Board under Water and Air Act at all times.

13. The unit shall ensure that the facility to which Hazardous wastes are being sent for disposal/Recycling shall have valid Hazardous waste authorization from the Board.

A SHANMUGAM Digitally signed by A SHANMUGAM
Date: 2023.11.15 11:51:46 +05'30'

Joint Chief Environmental Engineer-Monitoring
Tamil Nadu Pollution Control Board
Vellore

To
Vice-President
VIT UNIVERSITY
The Registrar, VIT University, Vellore
Pin:632014

Copy to:

1. Copy submitted to the Member Secretary, Tamil Nadu Pollution Control Board, Chennai for favour of kind information
2. The District Environmental Engineer, Tamil Nadu Pollution Control Board, VELLORE.

FORM III

(See Rule 10)

AUTHORISATION No: 25BAC68092205 Dated 05/08/2025

Proceeding No: T4/TNPCB/F.0865VLR/BWA/RL/VLR/2025 Dated 05/08/2025

Sub: Tamil Nadu Pollution Control Board – Bio-Medical Waste Authorization - One Time Authorisation-HCF - M/s.VIT UNIVERSITY, S.F.No.S.F. No. 600/1A, 600/1B, 600/2, 601/1A, 608/1, 608/2, 608/3, 609/2A, 609/2B, 609/4A, 609/4B, 610/1B, 610/3A, 631/7, 560, 561, 562/1A, 563, 564, 565, 566/1, 782, 783/2, 784/2A of Katpadi Village, S.F.No. 9/1, 9/2, 10/1, 10/2, 10/3, 10/4, 10/5, 11/4, 13, 14/1A, 14/1B, 17/1, 17/2B2, 18/1A1, 18/1A2, 18/1B, 18/1C1, 18/1C2, 18/1C3, 19, 20, 21, 22/1, 24/4, 25/1A1, 25/1A2, 25/1A3, 25/1A4, 25/1B1, 25/1B2, 25/1B3, 25/1B4, 25/2A, 25/2B, 26/1A1, 26/1A2, 26/1A3, 26/1A4, 26/1A5, 26/1A6, 26/1A7, 26/1B1, 26/1B2, 26/1B3, 26/1B4, 26/2A, 26/2B, 26/2C, 28/1, 445/1B, 29/1, 30, 32, 33, 34/1, 35, 37, 39, 40, 41, 42, 446/1, 447/1, 447/2 of Kangeyanallur Village and S.F. No. 351/1, 352/2, 353/1A, 353/1B, 353/2A, 354/1, 354/2, 355, 356/1A, 356/1B, 356/1C, 356/2A1, 356/2A2, 356/2B, 356/2C, 357/1A, 357/1B, 357/2A, 357/2B, 357/2C, 357/2E, 357/3A, 357/3B, 357/3D, 357/3E, 357/3F, 360/1, 360/2, 360/3, 360/4, 361/1, 361/2, 362/1A1A, 362/1A3A, 362/1A1B, 362/1A3B, 362/1A2, 362/3B1, 362/4A1, 362/4A2, 362/4A3, 362/4A4, 362/4A5, 362/4A6, 362/5B1, 362/5C, 362/5D1, 362/5D2, 362/5E, 365/2C1B, 365/2C2B, 365/2C3B, 365/2C4B, 365/2C6B, 365/2C7B, 365/2C8B, 372, 375/1A1, 375/1A2, 375/1A3, 375/1A4, 375/1B1, 375/1B2, 375/1B3, 375/1B4, 375/1C1, 375/1C2, 375/1C3, 375/1C4, 375/1D1, 375/1D2, 375/1D3, 375/1D4, 375/1E, 375/2, 376/1A1, 376/1A2, 376/1A3, 376/1A4 of Brammapuram Village, BHIRAMMAPURAM village, KATPADI Taluk, Vellore District - Authorization under Rule 10 of the Bio-Medical Waste Management Rules, 2016 enacted under Environment (Protection) Act, 1986 – Issued- Reg. (Industry User ID- O15VLR3166832)

Ref: 1. Application no. 68092205 dated: 19.06.2025 /01.07.2025.
2. BMW-IR.No: F.0865VLR/BWA/RL/DEE/VLR/2025 dated 06/07/2025

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AUTHORISATION FOR OPERATING A FACILITY FOR GENERATION, COLLECTION, RECEPTION, TREATMENT, STORAGE, TRANSPORT AND DISPOSAL OF BIO-MEDICAL WASTES

1. File number of authorization: 25BAC68092205 and date of issue: 05/08/2025
2. Vice-President of M/s. VIT UNIVERSITY, an occupier or operator of the facility located at S.F.No.S.F. No. 600/1A, 600/1B, 600/2, 601/1A, 608/1, 608/2, 608/3, 609/2A, 609/2B, 609/4A, 609/4B, 610/1B, 610/3A, 631/7, 560, 561, 562/1A, 563, 564, 565, 566/1, 782, 783/2, 784/2A of Katpadi Village, S.F.No. 9/1, 9/2, 10/1, 10/2, 10/3, 10/4, 10/5, 11/4, 13, 14/1A, 14/1B, 17/1, 17/2B2, 18/1A1, 18/1A2, 18/1B, 18/1C1, 18/1C2, 18/1C3, 19, 20, 21, 22/1, 24/4, 25/1A1, 25/1A2, 25/1A3, 25/1A4, 25/1B1, 25/1B2, 25/1B3, 25/1B4, 25/2A, 25/2B, 26/1A1, 26/1A2, 26/1A3, 26/1A4, 26/1A5, 26/1A6, 26/1A7, 26/1B1, 26/1B2, 26/1B3, 26/1B4, 26/2A, 26/2B, 26/2C, 28/1, 445/1B, 29/1, 30, 32, 33, 34/1, 35, 37, 39, 40, 41, 42, 446/1, 447/1, 447/2 of Kangeyanallur Village and S.F. No. 351/1, 352/2, 353/1A, 353/1B, 353/2A, 354/1, 354/2, 355, 356/1A, 356/1B, 356/1C, 356/2A1, 356/2A2, 356/2B, 356/2C, 357/1A, 357/1B, 357/2A, 357/2B, 357/2C, 357/2E, 357/3A, 357/3B, 357/3D, 357/3E, 357/3F, 360/1, 360/2, 360/3, 360/4, 361/1, 361/2, 362/1A1A, 362/1A3A, 362/1A1B, 362/1A3B, 362/1A2, 362/3B1, 362/4A1, 362/4A2, 362/4A3, 362/4A4, 362/4A5, 362/4A6, 362/5B1, 362/5C, 362/5D1, 362/5D2, 362/5E, 365/2C1B, 365/2C2B, 365/2C3B, 365/2C4B, 365/2C6B, 365/2C7B, 365/2C8B, 372, 375/1A1, 375/1A2, 375/1A3, 375/1A4, 375/1B1, 375/1B2, 375/1B3, 375/1B4, 375/1C1, 375/1C2, 375/1C3, 375/1C4, 375/1D1, 375/1D2, 375/1D3, 375/1D4, 375/1E, 375/2, 376/1A1, 376/1A2, 376/1A3, 376/1A4 of Brammapuram Village, BHIRAMMAPURAM Village, KATPADI Taluk, Vellore District is hereby granted an Authorisation for Generation, Segregation, Collection, Storage, Packaging, Disposal of Bio-Medical Waste

3. M/s. VIT UNIVERSITY is hereby authorized for handling of Bio-Medical waste as per the capacity given below.

i)	Number of beds of HCF	0		Nos
ii)	Quantity of Bio-Medical Waste handled, treated or disposed			
	Category	**Type of Waste**	**Quantity permitted for handling**	**Unit**
	Yellow	a) Human Anatomical Waste	0	Kg/day
		b) Animal Anatomical Waste	10	Kg/day
		c) Soiled Waste	70.5	Kg/day
		d) Expired or Discarded Medicines	0.5	Kg/day
		e) Chemical Solid Waste	0	Kg/day
		f) Chemical Liquid Waste in KLD	0	KLD
		g) Discarded linen, mattresses, beddings contaminated with blood or body fluid routine mask and gown	15.0	Kg/day
		h) Microbiology, Biotechnology and other clinical laboratory waste	0.5	Kg/day
	Category	**Type of Waste**	**Quantity permitted for handling**	**Unit**
	Red	Contaminated waste (Recyclable)	9	Kg/day
	White(Translucent)	Waste sharps including Metals	1.0	Kg/day
	Blue	Glassware	0.5	Kg/day
		Glassware Metallic Body	0	Kg/day

4. This one time authorization is valid for the non bedded Health Care facility only.

5. The authorization is issued subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

TERMS AND CONDITIONS OF AUTHORIZATION

1. The authorization shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
2. The authorization or its renewal shall be produced for inspection at the request of an officer authorized by the Tamil Nadu State Pollution Control Board.
3. The person authorized shall not rent, lend, sell, transfer or otherwise transport the Bio-Medical wastes without obtaining prior permission of Tamil Nadu State Pollution Control Board.

4. Any unauthorized change in personnel, equipment or working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorization.
5. It is the duty of the authorized person to take prior permission of the Tamil Nadu Pollution Control Board to close down the facility and such other termsand conditions may be stipulated by Tamil Nadu Pollution Control Board.
6. Any other conditions for compliance as per the Guidelines issued by the MoEF&CC or CPCB from time to time.

ADDITIONAL CONDITIONS

1. The Primary Health Care Facility (PHCF) shall comply with all the provisions of the Biomedical Waste Management Rules, 2016 from time to time.
2. The Primary Health Care Facility shall ensure that the biomedical wastes are collected & segregated in colour coded bags /containers as per colour coding system, and handed over to the Common Bio-Medical Treatment and Disposal Facility (CBMWTDF) as per provisions of the Biomedical Waste Management Rules, 2016.
3. The Primary Health Care Facility shall possess valid agreement made with CBMWTDF at all times.
4. The Primary Health Care Facility shall possess valid Bio-medical waste authorization obtained from TNPCB at all times.
5. The Primary Health Care Facility shall maintain separate closed area for collection and segregation of of biomedical wastes.
6. The Primary Health Care Facility shall submit an annual report to the Board in Form No. IV by 30th June of every year to include information about the categories and quantities of biomedical waste handled during the previous calendar year.
7. The Primary Health Care Facility shall ensure to phase out use of chlorinated plastic bags, and gloves (excluding blood bags) as per Bio-medical Waste Management (Amendment) Rules, 2018.
8. The Primary Health Care Facility shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilisation on-site in the manner as prescribed by the World Health Organisation (WHO) or National AIDs Control Organisation (NACO) guidelines and then sent to the common bio-medical waste treatment facility for final disposal.
9. The Primary Health Care Facility shall ensure that there shall be no secondary handling of segregated biomedical waste and the same shall be handed over directly to the operator of a common bio-medical waste treatment and disposal facility in the manner as specified in Schedule-I of the BMW Notification 2016.
10. The Primary Health Care Facility shall ensure that bio-medical waste shall not be mixed with the municipal solid waste under any circumstances.
11. The Primary Health Care Facility shall operate without attracting public complaint.
12. The Primary Health Care Facility shall dispose the non-hazardous solid waste generated then and there without any accumulation.
13. The Primary Health Care Facility shall ensure the bar coded colour bags issued by CBMWTDF are used only for disposing Bio Medical Wastes and shall maintain record for Bar coded bags obtained and disposed to CBMWTDF.
14. The Primary Health Care Facility shall not use "use and throwaway plastics" such as plastic sheets used for food wrapping, spreading on dining table et., plastic plates, plastic coated tea cups, plastic tumbler, water pouches and packets, plastic straw, plastic carry bags and plastic flags irrespective of thickness, within the industry premises. Instead unit shall encourage use of eco-friendly alternative such as banana leaf, arecanut palm plate, stainless steel glass, porcelain plates/cups, cloth bag, jute bags etc.

SPECIAL CONDITIONS - HCF

1	All the provisions of the Bio-Medical Waste Management Rules, 2016 must be complied with.
2	The HCF shall take all necessary steps to ensure that bio-medical waste is handled without any adverse effect to human health and the environment and in accordance with the Bio-Medical Waste (BMW) Management Rules, 2016.
3	The HCF shall make a provision within the premises for a safe, ventilated and secured location for storage of segregated biomedical waste in colored bags or containers in the manner as specified in Schedule I of the BMW Rules, 2016. It shall be ensured that there shall be no secondary handling, pilferage of recyclables or inadvertent scattering or spillage by animals and the bio-medical waste from such place or premises shall be directly transported in the manner as prescribed in these rules to the common bio-medical waste treatment facility or for the appropriate treatment and disposal, as the case may be, in the manner as prescribed in Schedule I of the BMW Management Rules, 2016.
4	The HCF shall pre-treat the laboratory waste, microbiological waste, blood samples and blood bags through disinfection or sterilization on-site in the manner as prescribed by the World Health Organization (WHO) guidelines on safe management of wastes from health care activities and WHO Blue Book, 2014 and then sent to the Common bio-medical waste treatment facility for final disposal
5	The HCF shall phase out use of chlorinated plastic bags(excluding blood bags) and gloves by 27th March, 2019
6	The HCF shall dispose of solid waste other than bio-medical waste inaccordance with the provisions of respective waste management rules made under the relevant laws and amended from time to time.
7	The HCF shall not give treated bio-medical waste with municipal solid waste.
8	The HCF shall establish a Bar-Code System for bags or containers containing bio-medical waste to be sent out of the premises or for the further treatment and disposal in accordance with the guidelines issued by the Central Pollution Control Board by 27th March, 2019
9	The HCF shall ensure segregation of liquid chemical waste at source and also ensure pre-treatment or neutralization prior to mixing with other effluent generated from health care facilities
10	The HCF shall ensure treatment and disposal of liquid waste in accordance with the Water (Prevention and Control of Pollution) Act, 1974(6 of 1974).
11	The HCF shall maintain and update on day to day basis the bio-medical waste management register and display the monthly record on its website according to the bio-medical waste generated in terms of category and colour coding as specified in Schedule I of the BMW Management Rules, 2016.
12	The HCF shall inform to TNPCB immediately in case the operator of a CBMWTF does not collect the bio-medical waste within the intended time or as per the agreed time.
13	The HCF shall establish a system to review and monitor the activities related to bio-medical waste management by forming a new committee and the Committee shall meet once in every six months and the record of the minutes of the meetings of the committee shall be submitted along with the annual report to the prescribed authority.
14	It is the responsibility of the occupier of the HCF that the only segregated bio-medical waste as per the Schedule-I of the BMW Management Rules, 2016 shall be handed over to common bio-medical waste treatment facility for treatment, processing and final disposal.
15	It shall be ensured that no untreated bio-medical waste shall be mixed with other wastes.

16	The bio-medical waste shall be segregated into containers or bags at the point of generation in accordance with Schedule I of the BMW Management Rules, 2016 prior to its storage, transportation, treatment and disposal.
17	The containers or bags referred to in sub-rule (2) shall be labeled as specified in Schedule IV of the BMW Management Rules, 2016. The bar code and global positioning system shall be added by the Occupier and common bio-medical waste treatment facility in one year time.
18	Untreated human anatomical waste, animal anatomical waste, soiled waste and biotechnology waste shall not be stored beyond a period of forty–eight hours:Provided that in case for any reason it becomes necessary to store such waste beyond such a period, the occupier shall take appropriate measures to ensure that the waste does not adversely affect human health and the environment and inform the prescribed authority along with the reasons for doing so.
19	Dead Fetus below the viability period (as per the Medical Termination of Pregnancy Act 1971, amended from time to time) can be considered as human anatomical waste. Such waste should be handed over to the operator of common bio-medical waste treatment and disposal facility in yellow bag with a copy of the official Medical Termination of Pregnancy certificate from the Obstetrician or the Medical Superintendent of hospital or healthcare establishment.
20	Cytotoxic drug vials shall not be handed over to unauthorized person under any circumstances. These shall be sent back to the manufactures for necessary disposal at a single point. As a second option, these may be sent for incineration at common bio-medical waste treatment and disposal facility or TSDFs or plasma pyrolys is at temperature >1200^{0}C.
21	Residual or discarded chemical wastes, used or discarded disinfectants and chemical sludge can be disposed at hazardous waste treatment, storage and disposal facility. In such case, the waste should be sent to hazardous waste treatment, storage and disposal facility through operator of common bio-medical waste treatment and disposal facility only.
22	On-site pre-treatment of laboratory waste, microbiological waste, blood samples, blood bags should be disinfected or sterilized as per the Guidelines of World Health Organization or National AIDS Control Organization and then given to the common bio-medical waste treatment and disposal facility.
23	Syringes should be either mutilated or needles should be cut and or stored in tamper proof, leak proof and puncture proof containers for sharps storage.
24	The HCF shall maintain records related to the generation, collection, storage, transportation, treatment, disposal or any other form of handling of bio-medical waste.
25	The HCF shall submit an Annual Report to the prescribed authority (TNPCB) in Form-IV, on or before the 30th June of every year for the period from January to December of the preceding year.
26	The HCF shall make available the annual report on its web-site within a period of two years from the date of publication of Bio-Medical Waste management (Amendment) Rules, 2018
27	In case of any change in the bio-medical waste generation, handling, treatment and disposal for which authorization was earlier granted, the occupier or operator of HCF shall intimate to the prescribed authority about the change or variation in the activity and shall submit a fresh application in Form II for modification of the conditions of Authorization.
28	In case of any major accident at any institution of HCF facility or any other site while handling bio-medical waste, the authorized person shall intimate immediately to the prescribed authority about such accident and forward a report within twenty-four hours in writing regarding the remedial steps taken in Form I.
29	The HCF shall ensure occupational safety of all its health care workers and others involved in handling of bio-medical waste by providing appropriate and adequate personal protective equipments.
30	The occupier of the HCF or an operator of a common bio-medical waste treatment facility shall be liable for all the damages caused to the environment or the public due to improper handling of bio- medical wastes. The occupier or operator of common bio-medical waste treatment facility shall be liable for action under section 5 and section 15 of the Act, in case of any violation.

31	The HCF shall adopt the following treatment and disposal methods as described in the BMW Management Rules, 2016 i. Chemical treatment using at least 1% to 2% Sodium Hypochlorite having 30% residual chlorine for twenty minutes or any other equivalent chemical reagent that should demonstrate Log104 reduction efficiency for microorganisms as given in Schedule- III. ii. Mutilation or shredding must be to an extent to prevent unauthorized reuse.

To

Vice-President
VIT UNIVERSITY
VIT University, Katpadi Taluk, Vellore District.
Pin: 632014

Copy to:

1. The District Environmental Engineer, Tamil Nadu Pollution Control Board, VELLORE
2. The JCEE-Monitoring, Tamil Nadu Pollution Control Board, Vellore

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Signature valid

Digitally Signed by :Indira Gandhi S
For Member Secretary
Tamil Nadu Pollution Control Board,
Chennai

Date: 2025.08.06 12:49:50 IST

GOVERNMENT OF TAMIL NADU
WATER RESOURCE DEPARTMENT

From:
Er. S. Prabakaran, B.E.,
Chief Engineer, WRD,
State Ground & Surface Water
Resources Data Centre
Tharamani, Chennai 600 113.
Phone : 91-44-22542223 (Direct)
91-44-22541526/27(Board)
Email: cegwchennai@gmail.com
Web site: www.groundwatertnpwd.org.in

To:
M/s. Vellore Institute of Technology,
Katpadi-Thiruvalam Road,
Vellore District-632 014.

Lr.No.DD(G)/OT 9/G-3/92/Fresh NOC/Chennai /2022/dated: 11 .07.2022.

Sir,

Sub: **"No Objection Certificate"** for drawal of groundwater to **"M/s. Vellore Institute of Technology",** Katpadi, Kangayaanallur & Brammapuram Village, Katpadi & Thiruvalm Firka, Katpadi Block, Katpadi Taluk of Vellore District – Fresh NOC - Reg.

Ref: 1. The Educational Institute application dated: 04.02.2022.
2. SE/GWC/CHN/Lr.No.120^{CE}/AD(GP)/GWC/CH/F30/NOC/2022 /Dt;04.07.2022.

Please find the enclosed **"No Objection Certificate",** for drawal of groundwater to **"M/s. Vellore Institute of Technology",** Katpadi, Kangayaanallur & Brammapuram Village, Katpadi & Thiruvalm Firka, Katpadi Block, Katpadi Taluk of Vellore District. You are requested to strictly adhere to the quantity permitted and conditions mentioned in the certificate and **apply for renewal of NOC** before two months from the date of expiry without fail. If you fail to apply for renewal of NOC, it will be treated as "Illegal" and informed to District Monitoring Committee to seal the bore well in your unit as per Madras High Court order, dated.20.03.2020 in WP.No.16299/2018.

Enclosure:

1. **No Objection Certificate & Conditions**

Chief Engineer (SG&SWRDC)
WRD,Tharamani,Chennai-113.

Certificate No.92/2022 **Dated: 11 .07.2022**

GOVERNMENT OF TAMIL NADU

WATER RESOURCES DEPARTMENT

STATE GROUND & SURFACE WATER RESOURCES DATA

CENTRE CHENNAI – 113

No Objection Certificate

This is to certify that **"M/s. VELLORE INSTITUTE OF TECHNOLOGY"**, Katpadi, Kangayaanallur & Brammapuram Village, Katpadi & Thiruvalm Firka, Katpadi Block, Katpadi Taluk of Vellore District is hereby given the **"No Objection Certificate"** for the drawal of the total quantity of **10,20,000 LPD** (Ten lakh Twenty Thousand litres per day) of groundwater for the purpose of **"Domestic & Infrastructure"** from the Ground water structure listed below with strict adherence to stipulated conditions.

Sl. No	Referred Well / Bore Well & SF. No	Village / Firka	Co-ordinates		Quantity Permitted for Pumping in LPD
			Latitude	Longitude	
1.	Open Well-1/ 610/3	Katpadi/Katpadi	12°58'13.5"N	79°09'08.4"E	50,000
2.	Open Well-2/ 560	Katpadi/Katpadi	12°58'11.9"N	79°09'23.8"E	1,00,000
3.	Open Well-3/ 41	Kangayaanallur/ Katpadi	12°58'05.9"N	79°09'29.3"E	25,000
4.	Open Well-4/ 377/1A	Brammapuram / Thiruvalm	12°58'05.6"N	79°09'37.3"E	50,000
5.	Open Well-5/ 367/1		12°58'02.6"N	79°09'41.1"E	50,000
6.	Open Well-6/ 368/5		12°58'0.9"N	79°09'41.5"E	39,000
7.	Open Well-7/ 370/4		12°58'06.1"N	79°09'40.9"E	50,000
8.	Open Well-9/ 28/1	Kangayaanallur/ Katpadi	12°58'14.1"N	79°09'42.4"E	70,000

9.	Open Well-10/356/1B	Brammapuram / Thiruvalm	12°58'11.7"N	79°10'00.4"E	1,00,000
10.	Open Well-11/365/8		12°58'03.3"N	79°09'46.2"E	90,000
11.	Bore Well-1/ 22/1	Kangayaanallur/ Katpadi	12°58'17.9"N	79°09'30.8"E	36,000
12.	Bore Well-2/ 22/1		12°58'75.6"N	79°09'32.0"E	44,000
13.	Bore Well-3/ 784/2A	Katpadi/Katpadi	12°58'20.7"N	79°09'27.0"E	34,000
14.	Bore Well-4/ 20	Kangayaanallur / Katpadi	12°58'26.4"N	79°09'37.9"E	46,000
15.	Bore Well-5/ 19		12°58'20.5"N	79°09'38.1"E	21,000
16.	Bore Well-6/ 18/1A1		12°58'19.7"N	79°09'43.0"E	15,000
17.	Bore Well-7/ 18/1A1		12°58'19.9"N	79°09'44.0"E	15,000
18.	Bore Well-8/ 18/1A1		12°58'22.3"N	79°09'46.0"E	24,000
19.	Bore Well-9/ 18/1A2		12°58'23.2"N	79°09'52.0"E	35,000
20.	Bore Well-10/ 607/2	Katpadi / Katpadi	12°58'09.8"N	79°09'08.1"E	15,000
21.	Bore Well-11/ 608/2		12°58'13.3"N	79°09'10.7"E	15,000
22.	Bore Well-12/ 607/1		12°58'12.2"N	79°09'07.8"E	15,000
23.	Bore Well-13/ 608/3		12°58'12.2"N	79°09'11.1"E	15,000
24.	Bore Well-14/ 377/1A	Brammapuram / Thiruvalm	12°58'03.9"N	79°09'36.9"E	15,000
25.	Bore Well-16/ 360/4		12°58'05.7"N	79°09'54.8"E	21,000
26.	Bore Well-17/ 26/2C	Kangayaanallur/ Katpadi	12°58'06.4"N	79°09'50.2"E	15,000
27.	Bore Well-18/ 607/1	Katpadi/Katpadi	12°58'12.0"N	79°09'07.1"E	15,000
				Total	**10,20,000**

This No Objection Certificate now issued is valid only for Three years from the date of issue and the NOC is issued under the conditions laid down.

11/7/2022

Chief Engineer (SG &SWRDC),
WRD, Tharamani, Chennai-113

NOC Conditions pertaining to M/s. Vellore Institute of Technology, Vellore District.

1 **This No Objection certificate issued for ground water extraction applies to the referred ground water abstraction structure only.**

2 All the **other ground water abstraction structures** (dug wells/bore wells/dug-cum bore wells) other than the permitted one inside the plant area **should not be considered** for this permission.

3 Such structures as said in Condition No.2 should be closed or used only for **Rain water harvesting** purposes.

4 This Certificate is applicable for drawal of permitted Quantity of ground water only and **not for transportation.**

5 The flow meter should be fixed in the suction tube near to bore well during the time of extraction. Failure fitting flow meter / Absence of flow meter in the abstraction well during the time of extraction will leads to cancellation of NOC issued.

6 The Institute should install necessary "flow meters" to the referred well /bore well and monitor the quantity which should not exceed the permitted level. **Proper Records** should be maintained continuously from the date of drawal. Monthly statement of daily drawal of water should be sent to the Executive Engineer, Groundwater Division, Vellore.

7 As and when the officials of Ground Water Wing of WRD inspect the site/premises, perusal of drawal records and water quality observations should be allowed.

8 **Rain water harvesting structure** is to be established as per the direction of this department. Rain water harvesting structures already exist inside the plant premises, it should be maintained properly.

9 **Violation of the above stipulations in any form may lead to cancellation of the permission accorded by the Government.**

10 The Institute should be ready to pay the **levy/charges for drawal of ground water** for commercial purposes, if Government / Ground Water Authority imposes any such orders in future.

11 The Institute has to **drill one new bore well** within the extraction well located premises for monitoring water level and observing water quality within 30 days from the date of issue of NOC. The bore well should have been **constructed with platform and locking arrangements** (in full shape). If any bore well already existing and unused within the premises of the plant the same may also be utilized for the purpose.

12 It is also informed that during the renewal of the NOC, depending upon the hydrogelogical condition the category of the area and the site conditions, the quantity will be vary from permitted quantity. The company should make alternate arrangements for the reducing quantity for sustaining their industrial activity by means of availing water through local bodies/by desalinization of sea water /or using the urban waste water after proper treatment.

13 This No Objection Certificate is applicable only for the purpose of **"Domestic & Infrastructure"**, if any deviation in the usage of ground water is found, the NOC accorded is automatically deemed to be cancelled.

14 As per the G.O.(Ms).No 142 PW(R2)Dept, dt;23.07.2014, NOC for the Non water based industries must be renewed three years once.

15 The **Executive Engineer, Ground Water Division/ The Assistant Director (G), Groundwater Sub Division/The Assistant Geologist, Groundwater Section** of the respective District **would inspect** either the rain water harvesting structures established in the premises of the firm or the records maintained or even the drawal of ground water as and when needed and it is the mandatory of the firm to maintain the Rain water harvesting structure/ structures properly and show the records needed.

16 **If any information / Documents submitted by this firm is found to false / in correct or any data provided by the firm is found to be incorrect, the NOC issued to the firm will be cancelled by this department without any prior notice.**

Chief Engineer, (SG&SWRDC),
WRD, Tharamani, Chennai- 113.

GOVERNMENT OF TAMILNADU
WATER RESOURCES DEPARTMENT

Visuvaavasu, Chithirai,
Thiruvalluvar Aandu 2056,

From:
Er. T. Thamizhselvi, M.E.,
Chief Engineer, WRD,
State Ground & Surface Water
Resources Data Centre
Tharamani, Chennai 600 113.
Phone : 91-44-22542223 (Direct)
91-44-22541526/27(Board)
Email: cegwchennai@gmail.com
Web site: www.groundwatertnpwd.org.in

To:
M/s. Vellore Institute of Technology,
Katpadi-Thiruvalam Road,
Vellore District-632 014.

Lr.No.DD(G)/OT 10/AG-6/53/Fresh NOC/Vellore/2025/dated: 30.04.2025.

Sir,

Sub: **"No Objection Certificate"** for drawal of groundwater to "**M/s. Vellore Institute of Technology",** Katpadi, Kankeyaanallur & Bhirammapuram Village, Katpadi & Thiruvalam Firka, Katpadi Block, Katpadi Taluk of Vellore District – Fresh NOC - Reg.

Ref: 1. The Educational Institute application dated: Nil.
2. SE/GWC/CHN/Lr.No.157^{CE}/AD(GP)/GWC/CH/F30/NOC/2025 /Dt;29.04.2025.

Please find the enclosed **"No Objection Certificate",** for drawal of groundwater to "**M/s. Vellore Institute of Technology",** Katpadi, Kankeyaanallur & Bhirammapuram Village, Katpadi & Thiruvalam Firka, Katpadi Block, Katpadi Taluk of Vellore District. You are requested to strictly adhere to the quantity permitted and conditions mentioned in the certificate and **apply for renewal of NOC** before two months from the date of expiry without fail. If you fail to apply for renewal of NOC, it will be treated as "illegal" and informed to the District Monitoring Committee to seal the bore wells and open well in your Institute as per Madras High Court orders in WP.No.28535/2014 & WP.No.16299/2018.

Enclosure:

1. **No Objection Certificate & Conditions**

30/4/25

Chief Engineer, WRD,
SG&SWRDC, Tharamani, Chennai-113.

Certificate No.53/2025 **Dated: 30 .04.2025**

GOVERNMENT OF TAMIL NADU

WATER RESOURCES DEPARTMENT

STATE GROUND & SURFACE WATER RESOURCES DATA

CENTRE CHENNAI – 113

No Objection Certificate

This is to certify that "**M/s. VELLORE INSTITUTE OF TECHNOLOGY",** Katpadi, Kankeyaanallur & Bhirammapuram Village, Katpadi & Thiruvalam Firka, Katpadi Block, Katpadi Taluk of Vellore District is hereby given the **"No Objection Certificate"** for the drawal of the total quantity of **8, 50,000 LPD** (Eight lakhs Fifty Thousand litres per day) of groundwater for the purpose of **"Domestic & Infrastructure"** from the Ground water structure listed below with strict adherence to stipulated conditions.

Sl. No	Referred Well / Bore Well & SF. No	Village / Firka	Co-ordinates		Quantity Permitted for Pumping in LPD
			Latitude	Longitude	
1	NBW1& 551/2A1	Katpadi / Katpadi	12°58'19.6"N	79°09'15.8"E	**60,000**
2	NBW2& 551/1		12°58'20.8"N	79°09'14.9"E	**30,000**
3	NBW3&551/1		12°58'21.3"N	79°09'14.6"E	**30,000**
4	NBW4 & 551/1		12°58'21.9"N	79°09'14.6"E	**30,000**
5	NBW5 & 551/1		12°58'21.4"N	79°09'14.9"E	**50,000**
6	NBW6 &551/1		12°58'19.6"N	79°09'15.8"E	**30,000**
7	NBW7 & 13	Kankeyaanallur / Katpadi	12°58'28.0"N	79°09'52.2"E	**25,000**
8	NBW 8 &10/1		12°58'27.2"N	79°09'54.7"E	**40,000**
9	NBW9 &10/1		12°58'30.1"N	79°09'54.2"E	**30,000**

10	NBW10 & 10/1		12°58'26.4"N	79°09'54.2"E	**50,000**
11	NBW11 & 13		12°58'31.3"N	79°09'52.5"E	**25,000**
12	NBW12 &10/1		12°58'23.5"N	79°09'53.5"E	**25,000**
13	NBW13 & 9/2		12°58'30.1"N	79°09'54.2"E	**25,000**
14	NBW15 &13		12°58'29.5"N	79°09'52.0"E	**30,000**
15	NBW16 &351/1	Bhirammapuram / Thiruvalam	12°58'17.9"N	79°10'07.4"E	**50,000**
16	NBW19 & 608	Katpadi/Kadpadi	12°58'10.2"N	79°09'11.7"E	**25,000**
17	NBW20 &370/4	Bhirammapuram / Thiruvalam	12°58'05.9"N	79°09'40.4"E	**50,000**
18	NBW21 & 380		12°58'03.6"N	79°09'40.0"E	**25,000**
19	NBW22 &9	Kankeyaanallur / Kadpadi	12°58'34.4"N	79°09'58.5"E	**30,000**
20	NBW23 & 40		12°58'02.6"N	79°09'35.4"E	**20,000**
21	NBW24 & 355	Bhirammapuram / Thiruvalam	12°58'14.2"N	79°09'59.7"E	**20,000**
22	NBW25 & 10/5	Kankeyaanallur / Kadpadi	12°58'27.9"N	79°09'58.2"E	**30,000**
23	NBW26 & 10/4		12°58'31.7"N	79°09'58.4"E	**30,000**
24	NBW 27 & 9/1		12°58'34.7"N	79°09'58.2"E	**30,000**
25	Open Well 3&631/6	Katpadi / Katpadi	12°58'13.9"N	79°09'05.9"E	**60,000**
				Total	**8,50,000**

***NWB –New Bore Well**

This No Objection Certificate now issued is valid for Three years from the date of issue and the NOC is issued under the conditions laid down.

30/4/25

Chief Engineer, WRD,
SG&SWRDC, Tharamani, Chennai-113

NOC Conditions pertaining to M/s. Vellore Institute of Technology, Vellore District.

1 **This No Objection certificate issued for ground water extraction applies to the referred ground water abstraction structure only.**

2 All the **other ground water abstraction structures** (dug wells/bore wells/dug-cum bore wells) other than the permitted one inside the plant area **should not be considered** for this permission.

3 Such structures as said in Condition No.2 should be closed or used only for **Rain water harvesting** purposes.

4 This Certificate is applicable for drawal of permitted Quantity of ground water only and **not for transportation.**

5 The flow meter should be fixed in the suction tube near to bore well during the time of extraction. Failure fitting flow meter / Absence of flow meter in the abstraction well during the time of extraction will leads to cancellation of NOC issued.

6 The Institute should install necessary "flow meters" to the referred well /bore well and monitor the quantity which should not exceed the permitted level. **Proper Records** should be maintained continuously from the date of drawal. Monthly statement of daily drawal of water should be sent to the Executive Engineer, Groundwater Division, Vellore.

7 As and when the officials of Ground Water Wing of WRD inspect the site/premises, perusal of drawal records and water quality observations should be allowed.

8 **Rain water harvesting structure** is to be established as per the direction of this department. Rain water harvesting structures already exist inside the plant premises, it should be maintained properly.

9 **Violation of the above stipulations in any form may lead to cancellation of the permission accorded by the Government.**

10 The Institute should be ready to pay the **levy/charges for drawal of ground water** for commercial purposes, if Government / Ground Water Authority imposes any such orders in future.

11 The Institute has to **drill one new bore well** within the extraction well located premises for monitoring water level and observing water quality within 30 days from the date of issue of NOC. The bore well should have been **constructed with platform and locking arrangements** (in full shape). If any bore well already existing and unused within the premises of the plant the same may also be utilized for the purpose.

12 It is also informed that during the renewal of the NOC, depending upon the hydrogelogical condition the category of the area and the site conditions, the quantity will be vary from permitted quantity. The company should make alternate arrangements for the reducing quantity for sustaining their industrial activity by means of availing water through local bodies/by desalinization of sea water /or using the urban waste water after proper treatment.

13 This No Objection Certificate is applicable only for the purpose of **"Domestic & Infrastructure"**, if any deviation in the usage of ground water is found, the NOC accorded is automatically deemed to be cancelled.

14 As per the G.O.(Ms).No 142 PW(R2)Dept, dt;23.07.2014, NOC for the Non water based industries must be renewed three years once.

15 Ground Water Quality report of abstraction well & Monitoring bore well (must be obtained from NABL accredited Lab) has to be submitted along with renewal application.

16 Report of impact evaluation over the drawal of groundwater by the proponent in the premises and in the surrounding areas must be submitted with renewal application.

17 **The Assistant Director (G), Groundwater Sub Division/The Assistant Geologist, Groundwater Section** of the respective District **would inspect** either the rain water harvesting structures established in the premises of the firm or the records maintained or even the drawal of ground water as and when needed and it is the mandatory of the firm to maintain the Rain water harvesting structure/ structures properly and show the records needed.

18 **If any information / Documents submitted by this firm is found to false / in correct or any data provided by the firm is found to be incorrect, the NOC issued to the firm will be cancelled by this department without any prior notice.**

30/4/25

Chief Engineer, WRD,
SG&SWRDC, Tharamani, Chennai-113

23

8

TAMIL NADU WATER SUPPLY AND DRAINAGE BOARD

From
Er. A. Elangovan, B.E.,
Executive Engineer,
TWAD Board,
Major Project Division –I,
Vellore – 632006.

To
The Registrar,
VIT University,
Chennai Salai,
Old Katpadi,
Vellore 632014.

Letter No. 1908/F.Sparing of water/VIT/DO/2016 dt.19.08.2016

Gentleman,

Sub: Providing Cauvery water to VIT from Vellore Combined water supply scheme – consent letter for paying installation cost, running cost and caution deposit – reg.

Ref: Your Lr.dt.17.08.2016 addressed to the Managing Director, TWAD, Chennai

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With reference to your letter cited, the feasibility for providing water supply to your premises as required by you from Vellore CWSS has been examined and an estimate has been prepared. The cost of the estimate for installation works out to Rs.62.00lakhs. The works will be undertaken only after the deposit of full amount is made consequent upon the Board's approval.

In this connection as per Board rules an amount of Rs.80.00 per KL will be collected as water charges for the supply of 5.00lakh Litres per day and the total amount works out to Rs.12.00lakhs per month.

As this is a deposit scheme, as per the Board Proceeding the beneficiary should remit an advance amount of six months water charges to TWAD Board, in addition to six month water charges as caution deposit before getting the water supply.

In this regard a consent letter agreeing to remit the above amount is to be furnished to TWAD Board immediately. Further out of the total installation cost of Rs.62.00lakhs an investigation charges for an amount of Rs.11.00lakhs is immediately to be remitted now to TWAD for taking up this works and to proceed further.

The variation in cost if any occurs during execution has also to be borne by you.

19.8.16

Executive Engineer, TWAD Board,
Major Project Division- I, Vellore.6.

19/8/16