



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

INSTITUTION WITH UGC 12B STATUS

Marching Beyond 30 Years Successfully

THE ENVIRONMENTAL POLICY

Preamble

Article 51-A of environment policies of the Government of India states that “It shall be the duty of every citizen of India to protect and improve the natural environment including forests, lakes, rivers, and wildlife and to have compassion for living creatures.” In consonance with this Vels Institute of Science, Technology, and Advanced Studies (VISTAS), Chennai aspires to achieve the goal of sustainable environment, by taking little steps leading to major progress. The purpose of our teaching is to blend education and environment-friendly practices which gradually become an integral part of the existence of all who are associated with this university. The environmental policy of our university encompasses various objectives and practices that will contribute to reducing the carbon footprint and making the campus ‘green, clean and sustainable. The existence of all life on earth is coupled with a sustainable environment and at VISTAS we leave no stone unturned in instilling this notion among our students.

Objectives

- ✓ To protect and nurture the flora and fauna on the campus.
- ✓ To maintain a green campus by regularly conducting ‘green audit’.
- ✓ To spread awareness regarding environmental issues, conservation of energy, recycling of resources, tree plantation, and the university’s environmental policy.
- ✓ Monitoring environmental parameters viz. air, water, and soil.
- ✓ To implement critical checks on pollution levels and plastic (single use) free status of the campus.

1. WATER MANAGEMENT

- ✓ Use effective management strategies to conserve water and reduce its use.
- ✓ Use of least amount of water possible in accordance with its activities, and it will ensure that the water it uses is both provided and disposed of in the purest possible condition.

Campus : Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117. INDIA.

Phone : (91-44) 2266 2500 / 2266 2501 / 2266 2502 / 2266 2503, **Fax :** (91-44) 2266 2513

Email : vels@vistas.ac.in **Website :** www.vistas.ac.in

Admin. Office : 521/2, Anna Salai, Nandanam, Chennai - 600 035. **Tele Fax :** 2431 5541 / 2431 5542



VELS



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

INSTITUTION WITH UGC 12B STATUS

Marching Beyond **30** Years Successfully

- ✓ A continuous water conservation programme would be implemented to track use, prevent leakage, and remove excessive or unnecessary use.
- ✓ Installing rainwater harvesting systems in all campus buildings for ground water replenishment and water self-sufficiency.
- ✓ It will also support artificial recharge and the resurrection of traditional groundwater recharge processes.
- ✓ Encourage reporting leaks and swiftly repairing them.
- ✓ Employing a caretaker to take quick action to stop any water leaking from taps, pipelines, tanks, and toilet flushes, among other things.
- ✓ The university shall promote efficient water use techniques, such as sprinkler or drip irrigation, in its gardening activities.
- ✓ Conserve water by building more Indian-style toilets rather than Western-style toilets.
- ✓ The grease trap mechanism prevents the release and mixing of foil from the university canteen liquid waste in the municipal drainage system.
- ✓ The biochemical oxygen demand in the effluent wastewater produced by the university canteen is thus lowered.
- ✓ In washrooms, wastewater created by a reverse osmosis (RO) system is reused.

2. SOLID WASTE MANAGEMENT:

The university will strive to limit waste creation in all possible ways, including reducing the procurement of new materials, reusing and recycling existing materials, and, if this is not possible, disposing of garbage in a manner that has the least environmental impact.

- ✓ The usage of plastic is prohibited on campus.
- ✓ Waste containers/Dustbins are positioned where they are needed.
- ✓ Composting of solid waste from canteens, guest houses, and hostels.
- ✓ Hazardous and e-waste must be handled, transported, and disposed of properly.
- ✓ Hazardous chemicals and toxic hygienic compounds will be used as little as possible at the university.

Campus : Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117. INDIA.

Phone : (91-44) 2266 2500 / 2266 2501 / 2266 2502 / 2266 2503, **Fax :** (91-44) 2266 2513

Email : vels@vistas.ac.in **Website :** www.vistas.ac.in

Admin. Office : 521/2, Anna Salai, Nandanam, Chennai - 600 035. **Tele Fax :** 2431 5541 / 2431 5542

- ✓ As the final stage in solid waste reduction and a way to turn waste into a resource, the university has committed to a comprehensive recycling programme.
- ✓ It will separate, recycle, and utilize its solid wastes, as well as build a waste-to-composting.
- ✓ Engage in the 3Rs of environmental friendliness in a systematic way (Reduce, Reuse and Recycle).
- ✓ Collect and recycle paper waste generated on campus in collaboration with scrap merchants.
- ✓ Develop a technology-centric educational and administrative strategy to reduce solid waste.
- ✓ Supporting the digitization of attendance and internal assessment records reduces the consumption of paper.
- ✓ Update the university library's e-books and e-journals collection to reduce the need for printed books.
- ✓ Encourage students and teachers to utilize email to submit assignments.
- ✓ Take steps to raise student knowledge about food waste and strategies for reducing it.
- ✓ Minimizing the usage of packaged foods, as well as the habit of reusing and recycling non-biodegradable items.
- ✓ Organizing solid waste management workshops for students.

3. E-WASTE MANAGEMENT

The university assures that its technological use and e-waste output have no negative influence on the environment. The university intends to work toward the following goals:

- ✓ More arrangements for the disposal of university e-waste.
- ✓ Working with e-waste recycling firms to recycle electronic waste.
- ✓ Awareness among students about e-waste reduction and environmentally responsible e-waste disposal techniques.
- ✓ Encouraging e-waste management initiatives at the departmental and societal levels.



VELS



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

INSTITUTION WITH UGC 12B STATUS

Marching Beyond **30** Years Successfully

4. AIR QUALITY MANAGEMENT

- ✓ Maintain good green cover to enhance carbon di oxide sequestration from campus.
- ✓ No vehicle day in a month to be initiated.
- ✓ To reduce dust, open places with lawns and grasses should be used.
- ✓ **Clean Air Initiatives:** Our students and employees are encouraged to take public transportation. We promote carpooling to the university as a way to reduce pollution while also increasing social engagement. Automobile access is restricted on campus in order to discourage the usage of personal vehicles.
- ✓ **Smoking Free Campus:** The university prohibits smoking and the use of other tobacco products in accordance with the framework given by the National Tobacco Control Programme (NTCP) 2007-2008. The university's anti-smoking committee guarantees that the anti-smoking policy is followed.
- ✓ **Transport:** The university will take steps to reduce the negative consequences of its traffic on the environment. All faculty, staff, and students will be encouraged to walk, ride bicycles, or take public transportation to and from the university, as well as between its campuses and outdoors the campus, and will be discouraged from using single occupancy private vehicles.

5. REDUCE CARBON FOOTPRINTS

Encourage the implementation of many carbon-reduction measures.

- ✓ Energy-efficient green building designs that monitor temperature and outside light.
- ✓ Implementing the reduce, reuse, and recycle (RRR) approach to achieve zero waste.
- ✓ Green computing to cut down on paper usage.
- ✓ On-campus “no vehicle day” and the use of electric vehicles.
- ✓ Use of energy-efficient and sensor-regulated lighting and equipment.
- ✓ An increase in the amount of greenery on campus.

Campus : Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117. INDIA.

Phone : (91-44) 2266 2500 / 2266 2501 / 2266 2502 / 2266 2503, **Fax :** (91-44) 2266 2513

Email : vels@vistas.ac.in **Website :** www.vistas.ac.in

Admin. Office : 521/2, Anna Salai, Nandanam, Chennai - 600 035. **Tele Fax :** 2431 5541 / 2431 5542



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

INSTITUTION WITH UGC 12B STATUS

Marching Beyond 30 Years Successfully

6. ACQUISITION OF SUSTAINABLE RESOURCES

The university understands that one of the most important ways it can demonstrate its commitment to environmental stewardship is by making resource purchase decisions. The university will seek to get the most bang for its buck by balancing immediate and long-term costs, maintenance, life cycle, and environmental costs when acquiring goods and services. The university's purchasing policy should be strong, requiring the university to seek items and services that cause the least environmental impact in their manufacturing, distribution, packaging, usage, reuse, recycling, and disposal. Avoiding the use of any potentially dangerous substances and encouraging suppliers to commit to improving environmental performance.

7. ENVIRONMENT MANAGEMENT SYSTEM

The university has established an environmental management system (EMS), such as ISO 14000, adopt standardized environmental management practices, document their actual use, and get credible third-party verification. The University promotes EMS adoption by prioritizing ISO 14000 goods and services in procurement, with the exception of items reserved for the small-scale sector at any given time.

8. ENVIRONMENTAL AUDIT

The university is committed to meeting the needs of environmental audits and will make every effort to provide training that will benefit both staff and students. The university will be on the lookout for opportunities to collaborate with auditing organisations and will be informed of future developments in worldwide contexts.

9. ENVIRONMENTAL EDUCATION, TRAINING AND AWARENESS

Outreach and education are very important so that all members of the campus community understand the policy's goals and can help in its execution. This is why the university supports and encourages awareness campaigns, seminars, workshops, conferences, and other interactive sessions to ensure that the green campus, energy, and environment policies are implemented effectively.

Campus : Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117. INDIA.

Phone : (91-44) 2266 2500 / 2266 2501 / 2266 2502 / 2266 2503, **Fax :** (91-44) 2266 2513

Email : vels@vistas.ac.in **Website :** www.vistas.ac.in

Admin. Office : 521/2, Anna Salai, Nandanam, Chennai - 600 035. **Tele Fax :** 2431 5541 / 2431 5542



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

INSTITUTION WITH UGC 12B STATUS

Marching Beyond 30 Years Successfully

Environment-centric Student Societies and Department Activities

The university encourages all departments, as well as specific student societies such as green society, NSS, NCC, and others, to hold events, competitions, and training sessions that will result in beneficial environmental changes at the grassroots level. The university works with departments and student clubs to help students become active environmental protectors and conservationists.

Conduct Green Audit

The university intends to undertake a green audit of our campus on a regular basis to analyze our strengths and weaknesses in order to advance our long-term sustainability goals. A green audit can help you figure out how and where you're wasting the most energy, water, or resources. The university can then think about how to make improvements and save money. It can tell you what kind of garbage you have and how much of it you have. Waste minimization initiatives or recycling projects can be implemented. It will promote environmental principles and ethics while also raising health awareness. It helps students comprehend the implications of environmentally friendly behaviors on campus. Green auditing will help you save money by reducing your resource usage. It is critical that the university assess its own contributions to a long-term future.

Plastic-Free Campus

Since its founding, university has complied with the majority of its responsibilities in terms of solid waste management. In light of the Indian government's decision to ban all single-use plastics due to the harmful effects of plastic use and pollution, the university administration rigorously prohibits the use of single-use plastics in its property in order to make it a "plastic free campus." Clean campus initiatives in accordance with the objective of the Swachh Bharat Abhiyan, university vowed to aggressively coordinate cleanliness operations both on and off campus. It pledges to keep this programme going. The following is the broad vision:

Campus : Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117. INDIA.

Phone : (91-44) 2266 2500 / 2266 2501 / 2266 2502 / 2266 2503, **Fax :** (91-44) 2266 2513

Email : vels@vistas.ac.in **Website :** www.vistas.ac.in

Admin. Office : 521/2, Anna Salai, Nandanam, Chennai - 600 035. **Tele Fax :** 2431 5541 / 2431 5542



VELS



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

INSTITUTION WITH UGC 12B STATUS

Marching Beyond 30 Years Successfully

- ✓ Educating students and staff members about the importance of cleanliness and hygiene by staging frequent cleanliness drives. The goal is to encourage them to be proactive in their contributions.
- ✓ All community work done by the University's NSS, NCC, and green society volunteers will include activities under the Swachh Bharat Abhiyan.
- ✓ Staff members will be encouraged to participate in the university's cleaning drive.
- ✓ Competitions for posters and slogans, essay writing, spoken word poetry, speeches, and skits on the theme of "Swachh Bharat" will be held.
- ✓ To raise public awareness, rallies on topics related to the Swachh Bharat Abhiyan will be held on and around the university campus.
- ✓ Remove any waste materials, such as damaged furniture and obsolete equipment.
- ✓ Annually administer the promise by students and staff to keep the university campus and its environs clean.
- ✓ Hold regular workshops on trash reduction, reuse, recycling, etc.
- ✓ Commit to manage garbage and keep the campus clean, especially during university events.

Landscaping Initiatives

The environment of a university's campus, like its buildings, can be considered as a tangible manifestation of its values. It is an important aspect of a campus's life, giving opportunities for study, recreation, outdoor activities, relaxation, and aesthetic enjoyment. Green campus landscapes also assist recharge groundwater, control runoff, and purify and cool the air on campus. The landscape is a visual symbol of the school community's dedication to environmental stewardship. Landscape programmes are a fantastic approach to raise environmental awareness because campus landscape architecture are so visible and accessible. In campus, there are more than 25 plant species. The landscape of trees and plants provides clean, cool ambience to the visitors, students and staff, as well as a relaxing atmosphere. University's extensive green cover also supports a diverse range of birds, within

Campus : Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117. INDIA.

Phone : (91-44) 2266 2500 / 2266 2501 / 2266 2502 / 2266 2503, **Fax :** (91-44) 2266 2513

Email : vels@vistas.ac.in **Website :** www.vistas.ac.in

Admin. Office : 521/2, Anna Salai, Nandanam, Chennai - 600 035. **Tele Fax :** 2431 5541 / 2431 5542



INSTITUTE OF SCIENCE, TECHNOLOGY & ADVANCED STUDIES (VISTAS)

(Deemed to be University Estd. u/s 3 of the UGC Act, 1956)

PALLAVARAM - CHENNAI

ACCREDITED BY NAAC WITH 'A' GRADE

INSTITUTION WITH UGC 12B STATUS

Marching Beyond 30 Years Successfully

the campus. By organizing regular tree plantation drives and encouraging student groups to host tree planting events, the university pledges to enrich this healthy ecosystem and maintain the university's symbiotic relationship with nature.

REGISTRAR

Registrar
Vels Institute of Science, Technology
& Advanced Studies (VISTAS)
Pallavaram, Chennai - 600 117.

Campus : Velan Nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117. INDIA.

Phone : (91-44) 2266 2500 / 2266 2501 / 2266 2502 / 2266 2503, **Fax :** (91-44) 2266 2513

Email : vels@vistas.ac.in **Website :** www.vistas.ac.in

Admin. Office : 521/2, Anna Salai, Nandanam, Chennai - 600 035. **Tele Fax :** 2431 5541 / 2431 5542