



SATHYABAMA

INSTITUTE OF SCIENCE AND TECHNOLOGY

(DEEMED TO BE UNIVERSITY)

Accredited A++ Grade by NAAC | 12B Status by UGC | Approved by AICTE

www.sathyabama.ac.in

7.1.5 Green Campus Initiatives

1. Restricted Entry of Automobiles:

The widespread campus is ensured with no commutation of automobiles. The staff and students are encouraged to use the Institution provided buses, to reduce the number of vehicles entering the campus. About 100 buses are operated to meet out the transportation requirements of the staff and the students. The buses operate twice a day inside the campus and have separate travel route from the entrance to the parking shed. Staff who use their own vehicles are encouraged to park their vehicles outside the second entry gate of the campus. It is completely ensured no motored two wheelers, four wheelers (light and heavy vehicles) move inside the campus.

Students are strictly instructed not to travel by their own vehicle. This restriction of Automobile movement in campus helps in the reduction of emissions inside campus make it a clean and a green environment for the inmates of the institution who spend majority of their time in the institution. The students and staff are encouraged to walk inside campus for their requirements.

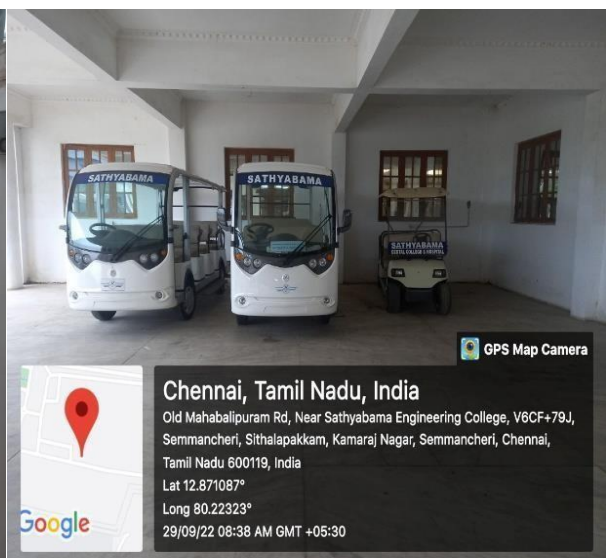


Parking Slot Adjacent Campus



2. Use of bicycles and battery-operated vehicles:

Though there are restrictions in automobile usage in campus. 5 battery operated vehicles are facilitated to aid movement of visitors, students, and staff in the campus. Staff affiliated with electrical maintenance are allowed to use bicycles inside campus



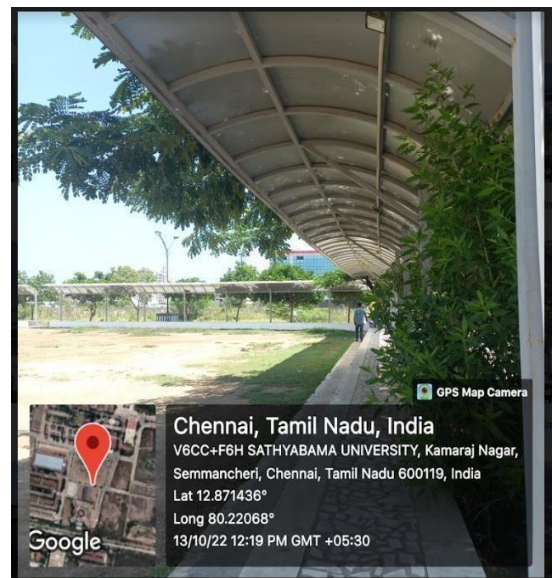


Cycles and Battery Vehicles Operated in Campus

3. Pedestrian friendly pathways:

The entire campus is structured with pedestrian friendly pathways that are well shaded and provided with solar paneled roofs. The pathways are also provided with seating provisions on periodic spacing to enable the hostlers to make use of the option to be amidst an eco-friendly environment in the evenings among the landscape and the green coverage in the campus.





Pedestrian Friendly Pathways in campus

4. Ban on use of plastics

Non-bio degradable plastic covers and single use throw grade plastic items are completely banned inside campus except for mineral water bottles used to serve for external guests. Biodegradable covers are used in case where the usage of such covers are inevitable. The use of water bottles in campus though not completely avoided, is being allowed with provisions for throw away of the bottles in appropriate locations and diverted to the Architecture department for Sustainable building research. The other plastics generated in the laboratories storing chemicals in solid form are kept in store and recycled by give back mechanisms adopted.



Institutional website – Social Responsibility with regard to usage of Plastic and awareness programmes on the same

- <https://www.sathyabama.ac.in/Institutional-Social-Responsibility#:~:text=recycling%20of%20waste%2C%20reduction%20of%20plastic%20usage>
- <https://www.sathyabama.ac.in/startups#:~:text=Matram%20%2D%20Water%20bottle,for%20Plastic%20bottles>
- <https://www.sathyabama.ac.in/academics/schools/school-building-and-environment#:~:text=Advanced%20Space%20Technologies%20for%20Measuring%20Marine%20Plastic%20Debris>

- <https://www.sathyabama.ac.in/academics/schools/school-science-humanities#:~:text=Effects%20of%20Plastic%20Usage%20and%20Protecting%20nature%20in%20the%20title%20%22Child%20cares%20Mother%22.%C2%A0>
- <https://www.sathyabama.ac.in/academics/schools/school-building-and-environment#:~:text=Advanced%20Space%20Technologies%20for%20Measuring%20Marine%20Plastic%20Debris>

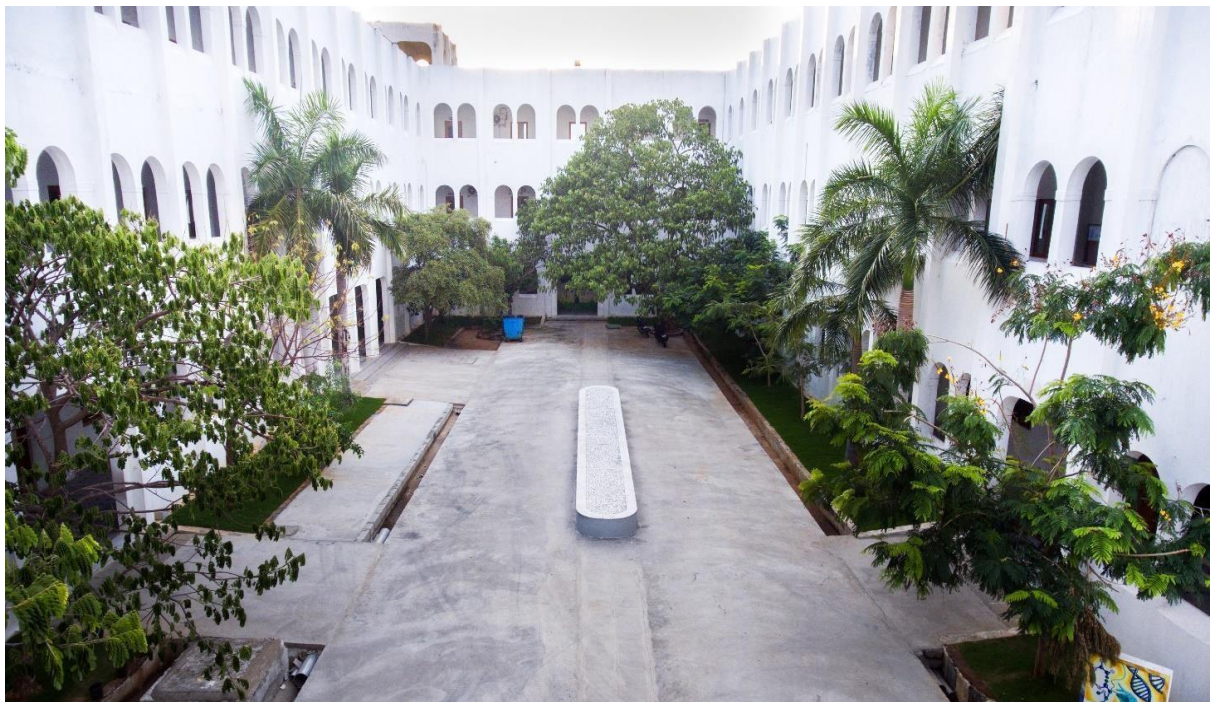
Plastic Waste used in an Architectural Display

5. Landscaping

The Institution has greencover of 34,133 sq.m and Marshy Land of 5,120 m² area. This will help in absorption of pollutant and nullifying the GHG emitted in the campus. The Institution is maintaining Marshy Land having an area of 5,120 m² undisturbed which will act as a habitat for the aquatic birds and a source of drinking water to small animals and birds in the nearby area. This Marshy land also acts as a natural rain harvesting structure. The Institution is trying to increase the area under green cover by conducting various plantation drives involving the students. The Institution has an active Eco-Club that conducts various plantation drive, awareness programmes, seminars etc. The students and faculty are involved to implement very green initiatives inside the campus and also in nearby communities.

Institution is also promoting terrace gardening by motivating the students to do gardening on the roofs of various building. The campus has several plant, tree and shrubs species that contribute to aesthetics and overall greening of the campus. The Institution is also conducting various seminars and workshops to give awareness about Vermi-Composting, seed balls, preparation of Bio-Manure, making of Organic pots. The Institution is also taking great effort to ensure knowledge transfer to the people of the villages that the Institution has adopted. This clearly displays the Institutions endeavour to exercise leadership in addressing the fundamental problems of resource exploitation, by reversing the trends of environment degradation, and in promoting sustainability and to become stewards of Mother nature.





Campus Landscaping



Algal wall / Vertical garden



Terrace Gardening



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SIST/REG/2022-23/ 11

8th June, 2022

Circular

Sub: Restriction of Vehicle movement in the campus

A move in the direction of creating an eco-friendly campus and in view of the safety of motorists and pedestrian, the following restrictions are made for the movement of motorised vehicles inside the Institution premises.

- The hired vehicles are allowed only up to the security gate point.
- The personal vehicles of faculty, staff and students are allowed only up to the parking lot.
- Personal cars with vehicle entry pass only will be allowed inside the campus
- However, this rule is exempted for the top management dignitaries, University Guests, equipment delivery vehicles and for those who carry heavy luggage.
- Two wheelers with rider and pillion without helmets will not be allowed inside the main entrance.

The faculty, staff and students are requested to cooperate and follow the regulations. The staff are asked to avail the environment friendly battery operated vehicles for their campus mobilization requirements.

(**Note:** With Reference to the Initial circular **SIST/REG/2016-17/12** dated 5th June, 2017)

Copy to:

All Faculty / Staff / Students




Dr.S.S.RAO, M.B.A., Ph.D.,
REGISTRAR
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SIST/REG/2022-23/17

15th June, 2022

Circular

Sub: Ban on Use of Plastic

As a significant step in our journey towards sustainability and environmental responsibility, we are in need of addressing a pressing issue on plastic pollution which is an escalating global crisis, with severe environmental and health consequences. Single use disposable plastic items are non-bio degradable and pose huge threat to our environment.

A move in the direction of creating an eco-friendly campus in compliance with the order from Government of Tamilnadu and Tamilnadu Pollution Control Board (TNPCCB), the plastic items made of single use and throw grade are banned inside the University premises with effect from 09.08.2019. (Refer Circular **SIST/REG/2019-20/23 dated 8th August 2019**).

All the faculty, staff and students are requested to cooperate on the above in making our campus more environment friendly. Faculty members are requested to create awareness to students, non-teaching staff, office bearers and other employees in this regard.

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