



SRI RAAJA RAAJAN

COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to Anna University)

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GREEN CAMPUS INITIATIVES

A Green Campus is a place where environmental friendly practices and education combine to promote sustainable and eco-friendly practices in the campus. The green campus concept offers an institution the opportunity to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social and economic needs of the mankind.

Greening the campus is all about sweeping away wasteful inefficiencies and using conventional sources of energies for its daily power needs, correct disposal handling, purchase of environment friendly supplies and effective recycling program. Institute has to work out the time bound strategies to implement green campus initiatives. These strategies need to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus.

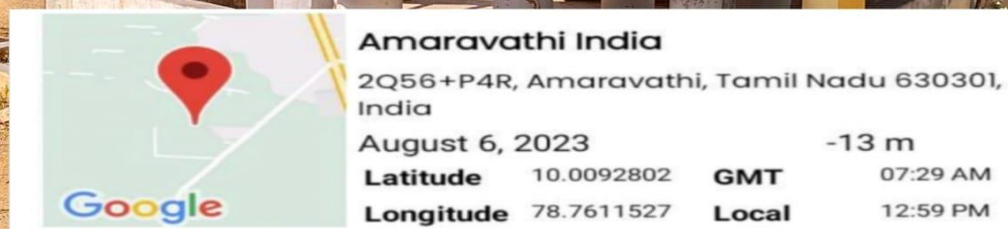


Green campus in our college

GREEN HUT

An eco hut is a type of accommodation situated in remote locations like mountains, forests, or idyllic beaches. The energy resources used in these housing options are renewable. Eco cabins employ methods of water preservation and energy-conservative lighting.

Blue mind is the mildly meditative state people fall into when they are near, in under or on water. Water positively affects the mind and body, and the blue mind theory provides ways people can use water to improve their well-being. Blue mind is the term used to describe the state of water-associated peace.



ECO-FRIENDLY CLASS ROOM

The first step towards an eco-friendly classroom is to let the fresh air and natural light pour in through the windows. This will help to rejuvenate you and your students. Also, you can save electricity by not using the lights in your class room. Switch off lights and electronics.



Eco-friendly class room

CLAY TUBE COOLER

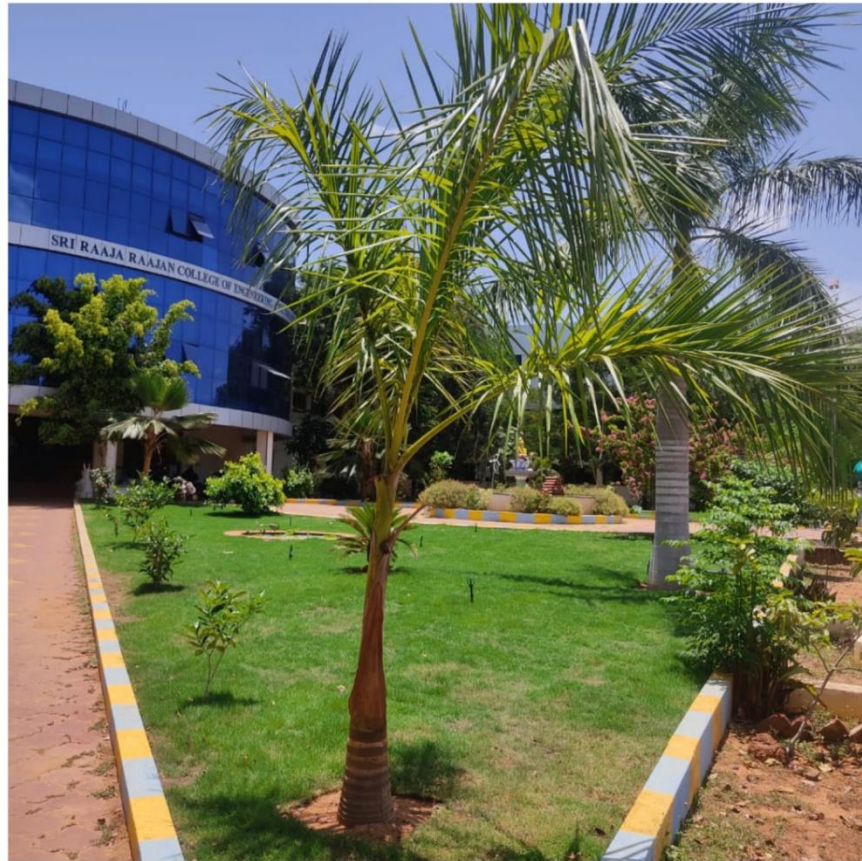
The Clay tube cooler was inspired by the structure of a beehive. It used environment-friendly elements to conduct an aesthetic piece of art, creating a technique that was functional and visually appealing at the same time. The conceived beehive structure was ready to be functional with the cones forming the desired pattern. The use of cylindrical cones provided for a larger surface area to maximize the cooling effect.



Clay tube cooler

CAMPUS GREENERY

The college is completely covered with mature trees grown for more than 10 years. The total number of mature trees available in the college campus is 510 with 42 varieties of trees. Apart from mature trees; Preserving the ecology; the entire college campus is planted with various flowering shrubs and bushes.



Greenery campus

Mature trees in our campus

Total number mature trees available in the college campus is 510 which contributes for reduction of 20.4 tons of CO₂ emission /annum.



Amaravathi India
2Q56+P4R, Amaravathi, Tamil Nadu 630301, India
August 6, 2023 -13 m

Latitude	10.0092802	GMT	07:23 AM
Longitude	78.7611527	Local	12:53 PM



GREEN BUILDING CONCEPT

One block on the campus is established as Green building. Dr. A.P.J. Abdul kalam block of Mechanical Engineering is identified as green building. Students are motivated to develop projects which can help to reduce air pollution and sustain a pollution-free environment. An Eco Air Cooler project was done by our Civil Engineering students using Mud pot in place of Electric operated conventional AC. The mud-pot, which effectively cools the microspace around us instead of the whole room, thus reducing the energy consumption as a whole. Vetiver shutters are provided in the windows of Green Building, which acts as a natural cooler for room.




PRINCIPAL
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