

INNOVATIVE ACTIVITIES OF THE COLLEGE

Yes, the college is keen in seeing that innovative initiatives are happening inside the college. Apart from the IQAC the college has Institutions Innovative council to nurture new ideas and initiatives. The following are some of the initiatives.

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VERMICOMPOSTING UNIT

One of the green initiatives of college is vermicomposting unit. It is a system that uses worms to break down organic waste into nutrient- rich compost. It is an eco-friendly way to recycle kitchen scraps and other organic materials, producing valuable fertilizer for plant. Our college has been using this fertilizer in our plants since we built this unit in the year 2022.

A Vermicomposting unit has been set up in the college to produce organic manure and to manage solid waste disposal.



AQUAPONIC UNIT:

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It is used for fish cultivation.

It is a sustainable system that combines aquaculture (fish farming) and hydroponics (soilless plant cultivation). In this closed-loop system, fish waste provides nutrients for plants, and the plants help filter and purify the water for the fish. It's an efficient way to grow both fish and plants in a symbiotic environment. It has been set up in 2022 and is still running smoothly.



PAPER RECYCLE UNIT:

- It is part of the Earn while Learn Programme.

A paper cycle unit is a facility that processes used paper and cardboard to recycle them into new paper products. The process typically involves sorting, cleaning, and breaking down the paper fibres to create pulp, which can then be used to produce recycled paper. This helps reduce the demand for virgin wood pulp, conserves resources, and minimizes environmental impact associated with paper production. All the internal answer sheets, assignments and project and all the other paper waste from various departments have been used to create new papers. The paper files we are using now are a product of our paper recycle unit.



BUTTERFLY GARDEN

– It's a very aesthetic spot in the campus which is home to 39 species of butterflies and their host plants.

Designed with meticulous care, our garden offers serene escape, inviting the visitors to witness the magical dance of these captivating insects in a tranquil and carefully curated environment. It is still maintained beautifully and is a hub for butterflies.



BEE HOTEL

- safe haven for bees and wasps contributes to the well-being of flowering plants in the campus.

Bee farming is a significant source of honey production, providing a natural sweetener with various culinary and medicinal uses. Bees play a crucial role in pollinating flowering plants, including many agricultural crops. This indirect contribution to agriculture is essential for the production of fruits, vegetables, and nuts. Bee farming contributes to the conservation of bee species, supporting biodiversity by maintaining healthy populations of these important pollinators. Even after one year, our college still is enthusiastic about bee farming.



STAR VANAM (Nakshathravanam)

with 27 species of trees. Fruit Garden consisting of 30 indigenous fruit trees properly identified and scientifically tagged. Dragonfly garden, the natural remedy for mosquitoes. It was built in 2022 and still running smoothly. Our Starvanam is maintained properly by the college authority, and it provides fresh air and oxygen to the inhabitants of the college. Each tree and plant in this group represent each Malayalam star starting from Aswathi, Barani to Revathy.



FRUIT GARDEN

consisting of 30 indigenous fruit trees properly identified and scientifically tagged. It is one of the most significant activities undertaken by the NSS Unit. Three of the main fruit gardens in the campus include jackfruit garden, jamun garden and rose apple garden. Christ college manager Fr. Joy Peenikkaparambil is also known as Plavachan or Mavachan in Kerala only because of his contribution to nature in the form of jackfruit plants and Mango tree plants.



Dragonfly garden: It serves as a natural remedy for mosquitoes.

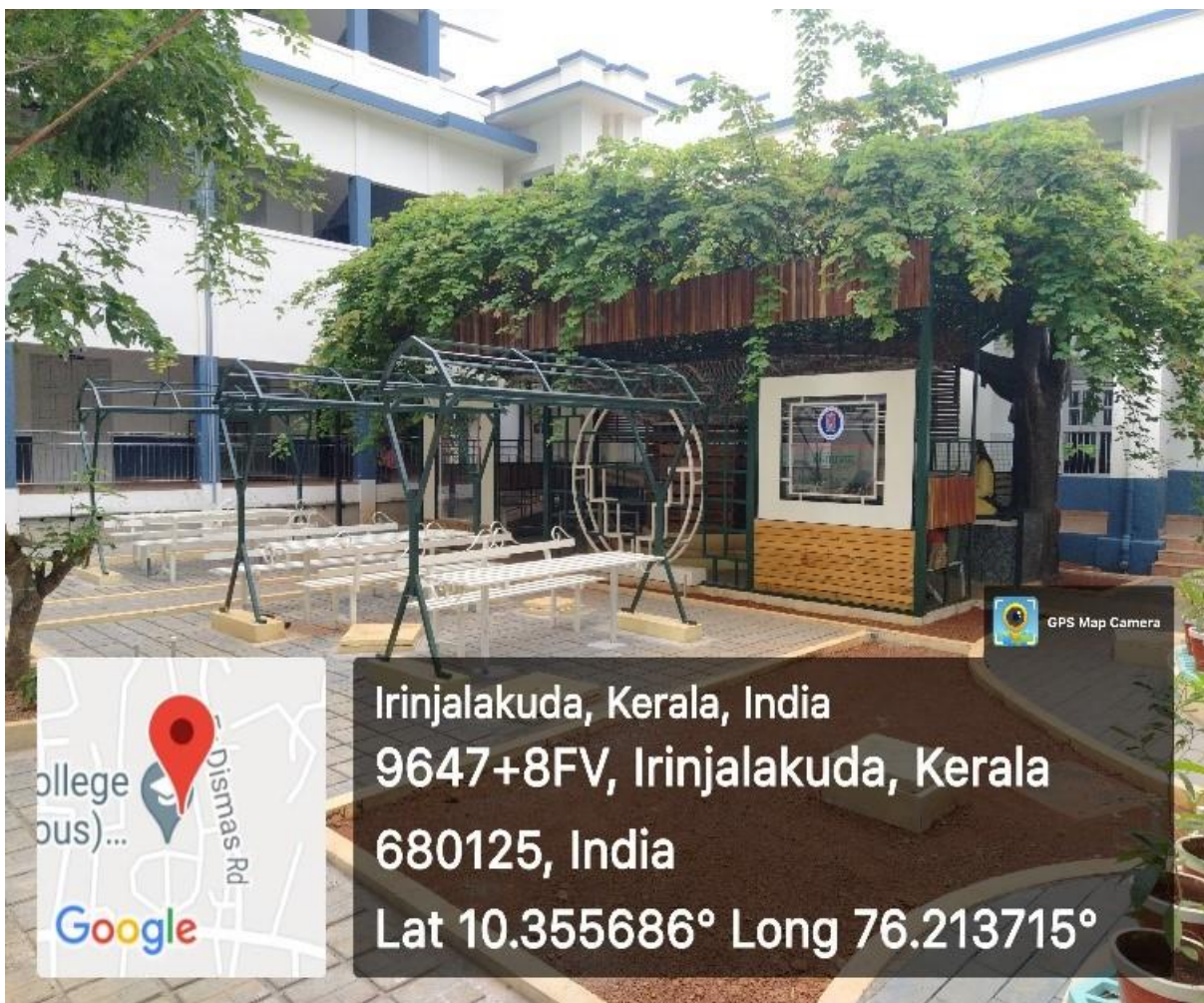
SHANTHISTHAL

- 20 cents of land where the rare, endangered, and threatened plants are planted and maintained. It is a joint venture by the Department of Botany and the Biodiversity Club. This is also providing oxygen to Christ. Just like other garden in our college, this garden is also maintained very well by the authorities.



JNANA UDYAN (Garden Library)

- It acts as an eco-friendly library, enabling the students to interact with nature while reading or studying. The students are effectively utilizing this open library. They conduct different activities, meetings here. Sometimes teachers take their students to this library and teach students in this green classroom.



MIYAWAKY FOREST

- It is maintained by Department of Environmental

Science and is funded by the Social Forestry Department, Government of Kerala. This urban jungle helps to reduce air pollution, noise pollution to maintain the biodiversity and aesthetics. It covers an area of five cents of land, near the Men's Hostel of the college. There are almost 150 plants, belonging to 56 different species. This modern forest is the heart of Christ college which pumps the the life blood for christies. It has grown now into a real thick forest.



SOLAR PANELS

Christ College contributes significantly to the conservation of natural resources. Solar Panels have been installed in the campus which helps in utilizing sunlight as a source of energy to generate direct current electricity. Another great green initiative is solar panels which is very unique venture by Christ college. Our college is running with this electricity and sells excess electricity to KSEB.



RAIN WATER HARVESTING

It is another great initiative undertaken by the college which contributes to the conservation of one of the most important natural resources, i.e., water. Rain water is collected and stored in a huge reservoir during the monsoon, and is used for various purposes in the college. Our college's main water resource is this reservoir. It is green initiative of Christ college which store huge amount of rain water which falls on the roofs of college building and stored in a huge tank.

