

KURIAKOSE GREGORIOS COLLEGE PAMPADY



Website: www.kgcollege.ac.in

Phone: 0481 2505212

Email: mail@kgcollege.ac.in



2.3.1. STUDENT CENTRIC METHODS OF TEACHING



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Experiential Learning

To foster comprehensive student development, it is essential for them to connect their academic studies with real-life experiences. Experiential learning elevates education by highlighting hands-on experiences, active participation, and reflection as integral components of the learning journey. The college actively promotes and implements diverse experiential learning approaches, including internships, industrial visits, field trips, study tours, and more, with the aim of facilitating this integration.

1. Internships

Internships play a crucial role in the educational journey of students bridging the gap by offering practical, hands-on experience in real-world settings. It provides opportunities for skill development, allowing students to acquire industry-specific expertise, improve communication skills, and develop a professional work ethic. Students are encouraged to undertake internships in various industries.



BSc Chemistry - Internship programme in common facility service centre, a Kerala Government Institution under the Ministry of Industry



BSc Food Science and Quality Control Students attended a 5-day Training program at the Dairy Training Center, Kottayam



2. Visits to research institutions

It provides the opportunity to interact with researchers across diverse fields, facilitating the collection of information on the progress made in various disciplines. It helps to acquire practical application of various theories they learned in the classrooms.



B Sc Chemistry students visited Tropical Institute Ecological Science (TIES), Vellor



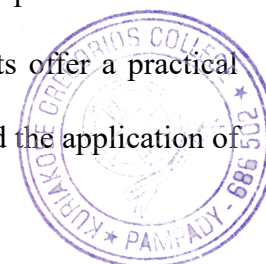
Zoology students in ICAR, Goa



B Sc Physics students at Indian Institute of Astro Physics, Kodaikanal

3. Industrial visit

Industrial visits serve the purpose of providing students with real-world exposure to various industrial processes, technologies, and working environments. These visits offer a practical supplement to theoretical knowledge, allowing students to witness firsthand the application of concepts learned in the classroom.





Final year B Sc Chemistry students
at RUBCO Kangazha unit



ED Club members at KITEY Limited

4. Workshops

Workshops allow students to apply theoretical concepts learned in classrooms to real-world situations, reinforcing their understanding and practical skills. It also offers an opportunity for students to engage with professionals in the field.



Media Cell - Workshop on Print Journalism

The Department of Economics organised a workshop on Print Journalism.



The Department of Chemistry organized a three-day workshop on "Green experimental techniques towards green labs".



KURIAKOSE GREGORIOS COLLEGE,
PAMPADY
Post Graduate Department of
Zoology
Workshop
on
"SPECIES DIVERSIFICATION IN AQUACULTURE"
14 March, 2023

In Association with
Marine Products Export Development
Authority, Kochi

Department of Zoology organized a workshop on 'Species diversification in Aquaculture'



Training Programme on HACCP(Hazard Analysis Critical Control Point- Level 3) organized by Food Science Department



5. Mushroom cultivation

Mushroom culture was started by Department of Zoology, to give hands on training to the pupil on mushroom cultivation practices. Seeds were collected and beds were prepared by students under the guidance of teachers.



6. Vermicomposting

A vermicompost unit is functioning under the PG Department of Zoology since 2001 for the efficient management of waste generated in the campus. Members of the zoology association take an active interest in watering, adding wastes, turning and mixing of wastes, etc.



7. Ornamental fish Culture

Aquaculture involves studying the complexities of fish and farming, addressing challenges related to water quality, disease management, and feed efficiency. Ornamental fish farming was developed by Department of Zoology and various fishes are grown.

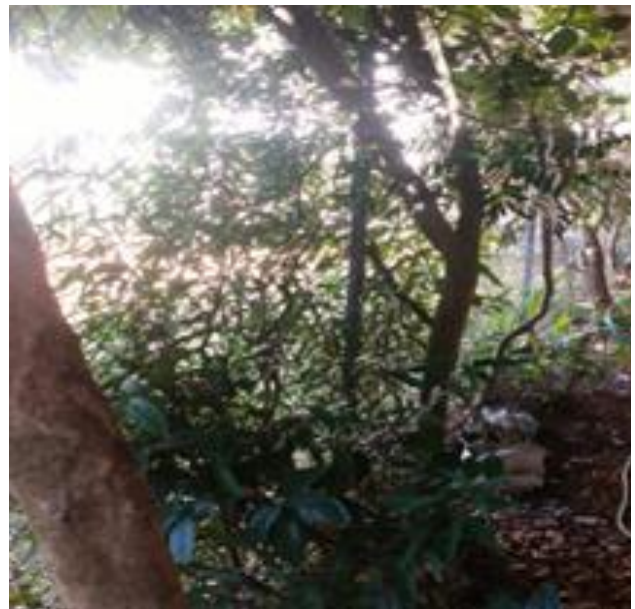


8. Butterfly garden and medicinal plant garden

A butterfly garden is a lively and environmentally diverse area intentionally crafted to draw and sustain the life cycle of butterflies. Through the cultivation of flowers abundant in nectar and the provision of appropriate habitats, these gardens enhance the aesthetic appeal of outdoor areas while serving as vital contributors to the well-being of pollinators and overall biodiversity.

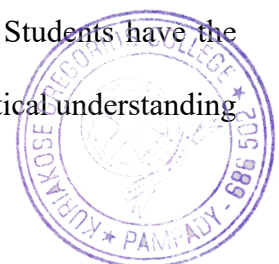
A medicinal plant garden is a purposeful cultivation of plants with recognized therapeutic properties. These gardens often feature a diverse array of herbs, shrubs, and trees known for their medicinal values.





9. Field Visits and Study Tours

College curricula incorporate study tours to provide students a practical introduction to the concepts they are learning. Students are provided with the chance to explore the environment and observe the historical artifacts outside the confines of their classroom walls. Field trips offer a special chance for experiential education and hands-on learning. Students have the opportunity to actively engage in the experience, surpassing the mere theoretical understanding



found in textbooks. These engagements serve to strengthen and authenticate foundational academic theories, contributing to better knowledge retention.



10. Fruit Garden

To inculcate a culture of organic farming and love towards nature, NSS started a project to plant and nurture fruit trees and plants inside the campus. Ten cents of land were selected for





the purpose and more than thirty saplings were planted. Student volunteers take a lead in managing the project.



**National Service Scheme
K.G. College, Pampady**



N.S.S. Fruit Garden

First fruits in our Garden



Miracle Fruit

Violet Guava



Congratulations dear Volunteers

