



**POLICY
DOCUMENT**
GREEN CAMPUS
INITIATIVES

The Green Campus Initiatives undertaken provides an opportunity for the college to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental and social needs of the mankind. The college organizes multifarious activities in the college to eco-sensitize the staff and students. Green Initiatives include recycling programmes, use of renewable energy resources, promoting sustainable transportation options and educating the campus about environmental issues. These initiatives help to reduce carbon footprint, conserve resources and create a more sustainable future.

Plastic free campus

The college has adopted a 4RD policy which includes Refuse, Reduce, Reuse, Recycle and Dispose and has imposed a total ban on single use plastic. The students and faculty members are encouraged to reduce the usage of plastic items like bottles, lunch boxes, pens, disposable cutlery, plastic straws and carry bags. Plastic bottles are collected by our students and is recycled by using it as planters in the garden. Massive plastic collection is also undertaken as part of regular cleanliness drive organized in the college.

Green Protocol

The college strictly complies to the green protocol in all the official seminars, meetings and conferences organized in the campus. The use of single use plastic is strictly prohibited in the campus. Paper files, pens, paper bags, steel glasses and cutlery are used instead of disposable items.

Promotion of Paperless Communication

The college has taken measures to reduce the paper consumption by resorting to the use of emails and social media platforms like WhatsApp and Telegram. The attendance of the students is maintained through ERPS platform. The teachers share soft copies of study materials and the students submit assignments in Moodle and Google Classroom.

Colour Coded Waste Bins

Separate colour coded waste bins have been placed throughout the campus at different vantage points for proper collection, handling and segregation of wastes. The usage and recovery of components through sustainable waste management are benefited by this method since it avoids any wastes from being mixed together.

Waste Management

The college has a powerful waste administration framework to deal with the diverse nature of wastes generated. The management of degradable and non-degradable waste involves a variety of strategies and techniques to Reduce, Reuse and Recycle and are effectively implemented in the college. The college has a centralized waste management system piloted by a team of dedicated students, academic and administrative staff supported by a dedicated workforce of sweepers and scavengers. An aerobic composting unit and biogas plant is installed in the campus for the proper disposal of organic wastes. Chemical and E-waste are collected and disposed-off in a scientific manner with the help of Government approved agencies. The energy requirement in the college is mainly fulfilled by solar power. LED bulbs and tubes are used for energy conservation.

Rain Water Harvesting

Water is collected from various surfaces and routed to the catchment region, where it seeps into the recharge pit. Water consumption in the campus is supported by the rain harvesting system. The water in the well is filtered naturally and it does not contain Chlorine, fluoride and other chemicals.

Green Campus

The college has a biodiversity rich botanical garden, with 51 rare plant species including lower groups like Bryophytes, Pteridophytes and Gymnosperms. Different varieties of trees have been planted in the campus and trees are marked with their botanical names. Under the initiative of Kerala Forest Department, a *Nagaravanam* (Urban Forest) is planted in the campus comprising of 420 saplings including rare, endangered and threatened species.

As part of the 'Save Kurinjie Campaign' of Kerala Forest Department, a tree sapling of the RET species of *Gluta travancorica* (Shenthuruni maram) was planted in the college campus. Retaining walls are built around the trees to conserve them. It also provides decorative landscaping features and a perfect seating layout for students.

Transportation

Use of public transport and vehicle pooling are encouraged among the staff and students. The campus is pedestrian friendly with walkways and the roads are beautified with trees on either side. The entry of the vehicles is restricted in the campus.