THE SYRO-MALANKARA CATHOLIC CHURCH MAJOR ARCHDIOCESE OF TRIVANDRUM

SASELIOS CARDINAL CLEEMIS MAJOR ARCHBISHOP-CATHOLICOS OF THE SYRO-MALANKARA CATHOLIC CHURCH & MAJOR ARCHBISHOP OF TRIVANDRUM



MAJOR ARCHBISHOP'S HOUSE PATTOM, TRIVANDRUM-695 004 KERALA, INDIA

FOR THE SPECIAL ATTENTION OF PRINCIPALS, BURSARS AND WARDEN OF THE MAJOR ARCHDIOCESAN INSTITUTIONS IN MAR IVANIOS VIDYA NAGAR, NALANCHIRA, TRIVANDRUM

Dear Principal/ Bursar/ Warden,

Kindly go through the following special directions and inform the students in your own words as the Head of the Institution:

- Our common policy is that students are not allowed to bring four wheelers to Mar Ivanios Vidya Nagar and park anywhere in the campus. Two wheelers are allowed and they can be parked in those specific areas allotted by the Institutions.
- Seminar/Conferences/consultation meetings can be conducted in the Institutions as you fix up the timing. <u>Festivals and gatherings</u> <u>including College/School Day celebrations should not exceed</u> <u>6.00 p.m</u>. This policy is applicable to all the Educational Institutions in the Mar Ivanios Vidya Nagar campus.
- Kindly make sure that these policies are strictly followed. Inform the students in an appropriate way so that they understand the matter correctly.

+Barchoscleom

✤ Baselios Cardinal Cleemis Major Archbishop-Catholicos of Trivandrum.

30 May 2019.



MAR GREGORIOS COLLEGE OF LAW

(Affiliated to the University of Kerala & Approved by the Bar Council of India) Mar Ivanios Vidyanagar, Nalanchira, Thiruvananthapuram, Kerala, India - 695015, Ph : 0471-2541120, 08089352686 web: www.mgcl.ac.in, Email : info@mgcl.ac.in

No.1726/2021 Eco

15th October 2021

<u>ORDER</u>

As part of celebration of India's 'Azadi ka Amrit Mahotsav' and in compliance to the guidelines issued by the University Grants Commission (UGC) vide DO letter No.14-9/2021(CPP-II) dated 08/10/2021, the Mar Gregorios College of Law, Nalanchira, Thiruvananthapuram (Kerala), as part of initiative in adopting Policies and Practices towards cleaner and Plastic free Campus, hereby pass the following orders / guidelines for strict compliance:

a) Use of single-use plastics is banned with immediate effect within the College premises including the Canteen.

b) Students, faculty members and staff should strictly avoid brining non bio-degradable plastic items to the campus.

c) A separate work shop be held to bring in awareness against the harmful impacts of single-use plastics and to sensitize students on the subject.

d) Students are encouraged to sensitize their household, friends and Society against harmful effects of plastic and to make their household / surroundings and Society 'Plastic free'.

The above orders and guidelines be adhered to and practiced in letter and spirit so that we achieve the results in true sense for which such initiatives have been introduced.



Copy to:-

- 1. Vice Principals (ADM/ACAD)
- 2. Faculty In-charge, Eco Club
- 3. Canteen In-charge
- 4. Security In-Charge
- 5. Notice Board

Fr Dr.Koshy Issac Punnamoottil Director



MAR GREGORIOS COLLEGE OF LAW

GREEN CAMPUS POLICY

A Green Campus is a place where environment friendly practices are adopted along with formal education and it combines the promotion of sustainable and eco-friendly practices within and outside the campus. Mar Gregorios College of Law envisions to take the lead in redefining its environmental culture and developing new paradigms by creating sustainable solutions to environmental, social, and economic needs of mankind.

The college follows *green campus, clean campus* policy. The college aims to rejuvenate a clean and green environment by planting more trees. With the objectives of promoting healthy and sound environmental maintenance policies and sustainable practices throughout the College, the college is committed towards adopting various measures for improving environmental performance and to reduce pollution and to prevent it wherever possible.

GREEN CAMPUS INITIATIVES

- 1. Green Protocol
- 2. Eco Pledge
- 3. Tree adoption
- 4. Plastic Free Campus
- 5. Green Audit
- 6. Energy audit
- 7. Environment Audit
- 8. Green Volunteers
- 9. Green volunteer certificate
- 10.MoU for solid waste and e- Waste recycling.
- 11.Posters, sign Boards and Flex
- 12.Seminars, conferences, competitions, and awareness programmes
- 13. Electricity use and management
- 14.Rain Water Harvesting
- 15.Solar panels
- 16.Incinerators and pad vending machine

17.Bio gas plant

18. Vegetable Garden

19.Medicinal Garden

20. Social Forestry

21. Environmental pollution Control and Management

1. GREEN PROTOCOL

The campus follows green protocol as advocated by the Haritha Mission of Government of Kerala along with the lines of SWACHH BHARATH, SWACHETHA HI SEWA campaign of Government of India. The posters and slogans on the same are displayed throughout the campus. The centre for environmental studies ensures that the students strictly follow green protocol with the help of green volunteers of the eco club. The green volunteers are entrusted with the responsibility of imparting environmental awareness along with imprinting environmental ethics and culture in the students and staff of the college.

For more information visit:

https://mgcl.ac.in//admin/pdf/GREEN_PROTOCOL.pdf

2. <u>ECO PLEDGE</u>

We take an oath for generations to come that we shall endeavour towards a toxin free life through sustainable, preventive, and restorative measures. We shall strive together to revive the long-lost goodness of our earth and make it habitable ad nauseum. We pledge our wholehearted effort in rebuilding the environment for the sustenance of all forms of life and thereby maintaining the equilibrium of nature.

3. GREEN AUDIT

Mar Gregorios College has been putting efforts to keep our environment green, clean and safe from the outset. As a Law College we are very much concerned about the environmental problems and thus, the college give paramount importance to the mitigation of these environmental problems.

Green Audit of the ongoing processes of college is one of the ways through which the college is ensuring its eco-friendly working. Green auditing helps in identifying and analysing the environmental practices in and outside the college campus.



Certification

This is to certify that

The data collection has been carried out diligently and truthfully;

All data monitoring devices are in good working condition and have been calibrated or certified by approved agencies authorised and no tampering of such devices has occurred;

All reasonable professional skill, care and diligence had been taken in preparing the energy audit report and the contents thereof are a true representation of the facts;

Adequate training provided to personnel involved in daily operations after implementation of recommendations; and

The green audit for the year 2020-21 has been carried out in accordance with the various rules and regulations in India.

This Certificate is issued **to**ar Gregorio<mark>s Co</mark>llege of Lawhiruvananthapuraton their

request. Dated thisoth day ofDecember2021.

SURESH BABU B V ACCREDITED ENERGY AUDITOR (AEA 33) BUREAU OF ENERGY EFFICIENCY, GOVT OF INDIA



Empaneled Accredited Energy Auditor Bureau of Energy Efficiency AEA-33, Government of India.

Empaneled Energy Auditor Government of Kerala. EMCEEA-0211F, EMC - Kerala SRL-A21 Sasthamangalam P.O Thiruvananthapuram, Kerala- 695010 Ph: 9447068747, 9447621674 otenergy@gmail.com, ottotractions@email.com www.ottotractions.com

4. ENERGY AUDIT

Energy conservation is one of the most important steps taken by Mar Gregorios College of Law in protecting the mother nature. The college is promoting less energy consumption and efficient energy management policy by adopting various measures. Energy Audit is one such measure. The Energy Conservation Act, 2001, defined Energy Audit as "the verification, monitoring and analysis of use of energy including submission of technical report containing recommendations for improving energy efficiency with cost benefit analysis and an action plan to reduce energy

consumption.



Certification

This is to certify that

The data collection has been carried out diligently and truthfully;

All data monitoring devices are in good working condition and have been calibrated or certified by approved agencies authorised and no tampering of such devices has occurred;

All reasonable professional skill, care and diligence had been taken in preparing the energy audit report and the contents thereof are a true representation of the facts;

Adequate training provided to personnel involved in daily operations after implementation of recommendations; and

The energy audit has been carried out in accordance with the Bureau of Energy Efficiency (Manner and Intervals of Time for the Conduct of Energy Audit) Regulations, 2010.

This Certificate is issued to Mar Gregorios College of Law , Thiruvananthapuram on their request.

Dated this 20th day of December 2021.

SURESH BABU B V ACCREDITED ENERG<mark>Y AU</mark>DITOR (AEA 33)



Empaneled Accredited Energy Auditor Bureau of Energy Efficiency AEA-33, Government of India.

Empaneled Energy Auditor Government of Kerala. EMCEEA-0211F, EMC - Kerala SRL-A21 Sasthamangalam P.O Thuruvananthapuram, Kerala- 695010 Ph: 9447068747, 9447621674 otenergy@gmail.com, ottotractions@email.com www.ottotractions.com

5. ENVIRONMENT AUDIT

Mar Gregorios College of law recognises the need for environmental protection and environment sustainability. For achieving the same the college has been taking initiatives of various environment friendly measures. Mar Gregorios college of Law promotes practices for achieving a clean and green campus and avoids all the possible practices posing threat or risk to the environment.

Environment audit report is a step to make the college environmental friendly and to promote environment sustainability. It helps in analysing the environmental impacts of the practices implemented by our college.



Certification

This is to certify that

The data collection has been carried out diligently and truthfully;

All data monitoring devices are in good working condition and have been calibrated or certified by approved agencies authorised and no tampering of such devices has occurred;

All reasonable professional skill, care and diligence had been taken in preparing the energy audit report and the contents thereof are a true representation of the facts;

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6. GREEN CAMPUS

There exist and inherent environmental consciousness in the minds of students and staff of the college.



Each year the members of Eco Club takes initiatives in planting trees on significant environmental days including JUNE 5. March 21, 2021 was the most significant as the Eco Club of Mar Gregorios College of Law in association with Kerala Forest Department has developed an in campus social forest in order to showcase its environmental commitment and to ensure clean air, following Miyawaki model.





The commitment of the students towards the initiative is that the college has a total of 150 trees and among them 37 trees are of 15cm in diameter.

Tree binomial nomenclature is done by the centre for environmental studies. The centre for Environmental Studies has named each tree in the campus. The common name, binomial nomenclature and name in Malayalam are given in sign boards. Moreover, QR codes which shows the URL regarding the information about each tree are provided.

For more information visit:

htts://mgcl.ac.in//admin/pdf/Digital_forest_merged.pdf







7. TREE ADOPTION

Adopt a plant campaign is initiated by world wide Fund from the year 2005. The eco club of our college adopted 3 tree saplings located within the premises and replanted it to a different place within the campus on November 1, 2018. 2 almond trees survived and now it adds to the beauty and shade for students.

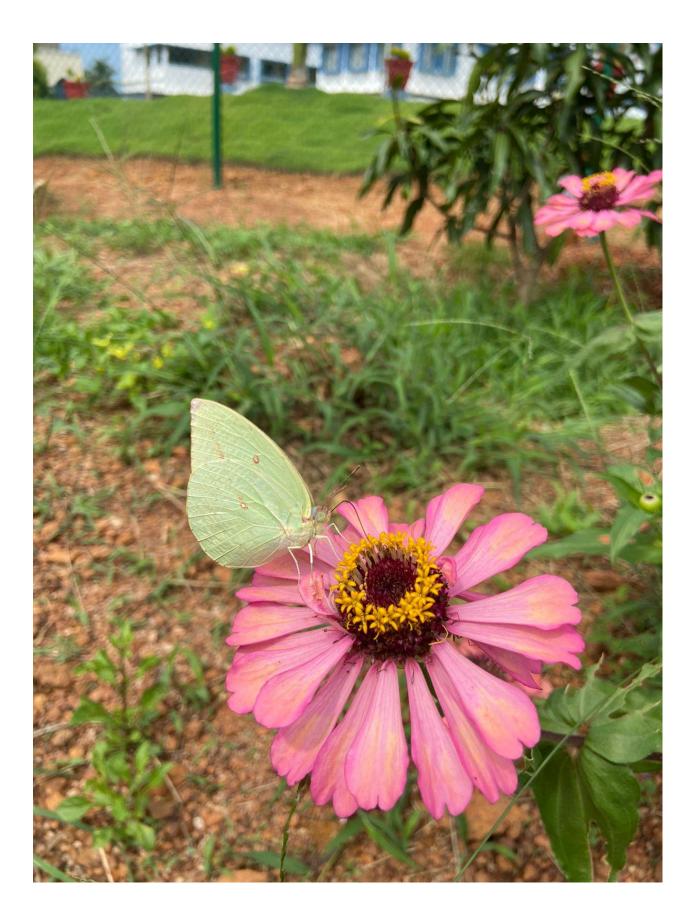
For more information visit: https://mgcl.ac.in//admin/pdf/TREE_ADOPTION_DRIVE.pdf

8. <u>BUTTERFLY GARDEN</u>

The Centre for Environmental Studies through eco-club maintains a well – developed flower garden. The garden is an adobe of different local species of butterflies. Butterfly garden is not only beautiful but also is helpful to the environment in a number of ways.

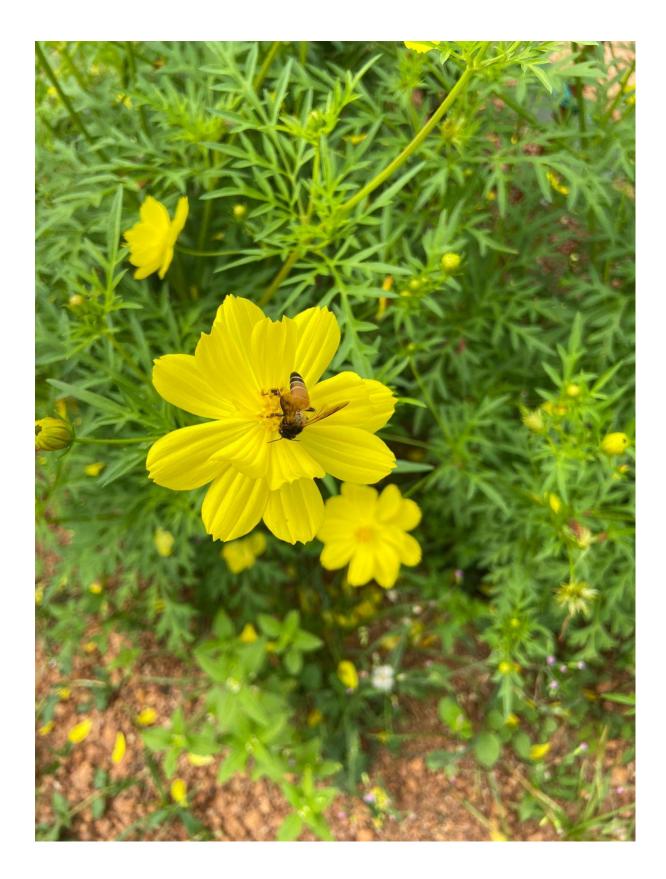
Butterflies and other pollinators including bees maintain a relationship between the plants they visit and their preferences for organic and native habitats.

Butterflies and bees are some of the most important pollinators which help in reproduction in plants and the further development of plant species. These pollinators are susceptible to pesticides and insecticides. In the college, there is a butterfly garden with native plants which attract these showy insects like butterflies, bees etc.











9. ORGANIC FARMING

Mar Gregorios College of Law promotes on and off campus organic farming. The members of Eco Club under the Centre for Environmental Studies actively engage in organic farming. The college encouraged the students to continue these activities of organic farming even during the lockdown days. After the lockdown, the students again started the organic farming activities in the college. The students actively engage in taking care of the lands by picking the pests and adding suitable bio fertilizers. The students use natural biofertilizers such as cow dung, egg shell, vermicompost, coco peat for organic farming. Eco-friendly neem oil is used as pesticides.

Benefits of having an organic farming in College

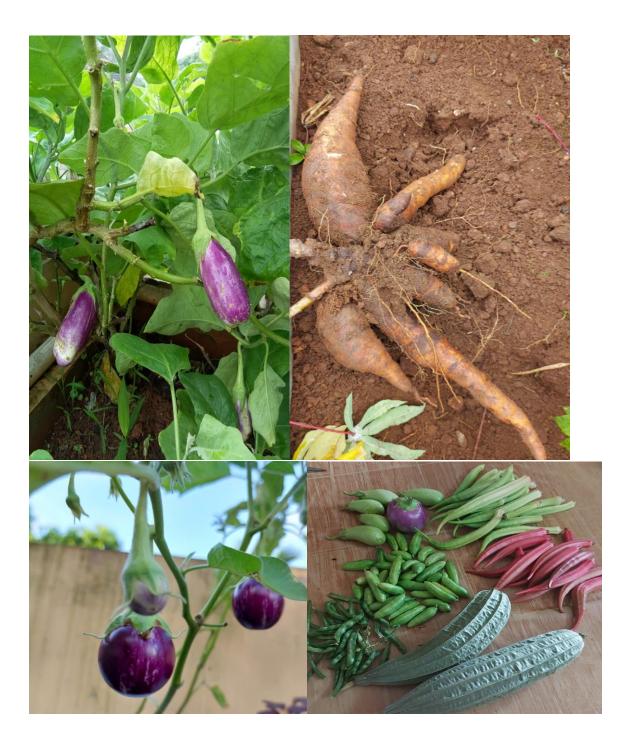
- Primarily, organic farming increases awareness among the students regarding the importance and benefits of organically grown vegetables.
- Generates farming interest in students and motivates them to have an organic garden at their homes.
- Organic farming creates an opportunity for students in knowing more about soil, farming, vegetables, farming tools and also engages them in more outdoor activities.
- Organic vegetables can be used in the college canteen.

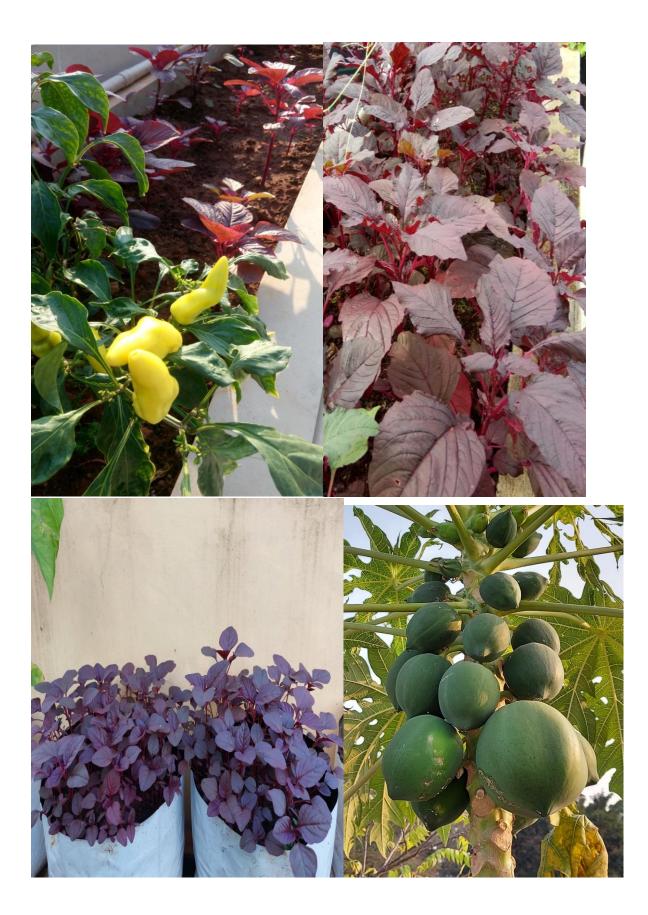
In our college the eco club members have grown tomato, brinjal, chilli, Green and Red Amaranthus, ladys finger etc. After the lockdown, the college has restarted the organic farming.

















10.MEDICINAL GARDEN

Our college has a well-maintained medicinal garden containing many varieties of medicinal plants. Each of these plants are considered an essential source in treating and preventing of various diseases. These plants contain many ingredients that can be used in medical field. Our grandparents often use these plants for curing or preventing various diseases. In order to make the students and teachers aware of the medicinal use of these plants, the medicinal garden to an extent is successful. The medicinal garden in the college also helps in create a clean, green, and safe environment. Having a medicinal garden in the campus reduces the use of harmful medicines by providing a number of plants with medicinal properties and low side-effects. For more information visit: https://mgcl.ac.in//admin/pdf/Digital_forest_merged.pdf

11.RAIN WATER HARVESTING

Water is very essential for the survival of all living beings. Conservation of water is very important. It means water should be used wisely and keep water resources from pollution.

Rain water harvesting is one of the techniques through which water can be conserved. It is a sustainable water management practice whereby harvested water can be used for irrigation and many other purposes.

Mar Gregorios College of law has installed a rain water harvesting system which is both eco-friendly and economical. This green practice has many benefits.

Benefits of Rain water harvesting system

- Keep the ground water level undisturbed.
- Conserve and augment the storage of ground water.
- Increases the infiltration rate of soil in the campus.
- Water can be used for gardening purposes and other irrigation purposes.





12.SOLAR PANELS

Mar Gregorios College is always environmentally responsible and one of the pieces of evidence is installation of Solar Panel. The college has always inculcated into the minds of students the values of living in sustainable manner. Solar panels help in conserving solar energy. The solar panel in the college has an installed capacity of 1200 W and it is used for powering street lights.





13.PLASTIC FREE CAMPUS

Mar Gregorios College of Law promotes clean campus green campus plastic-free campus. Our college tries to eliminate the use of single use plastics. For this purpose, awareness drives are conducted along with cleaning drives. The use of all kinds of plastic which pose threat to the environment are not allowed in the campus. For ensuring the elimination of single use bottles in the campus, water filters are installed in the campus for providing drinking water.

And our college has conducted many programmes as part of 'Swachhata hi seva' campaign under the 'Azadi ka Amrit Mahotsav'. Our college has also conducted Awareness programme on waste management and disposal including the management of plastic waste. As part of celebration of Gandhi Jayanthi, the Centre for Environmental studies of the college has organised a cleaning programme.

For more information visit: https://mgcl.ac.in//admin/pdf/GREEN_PROTOCOL.pdf

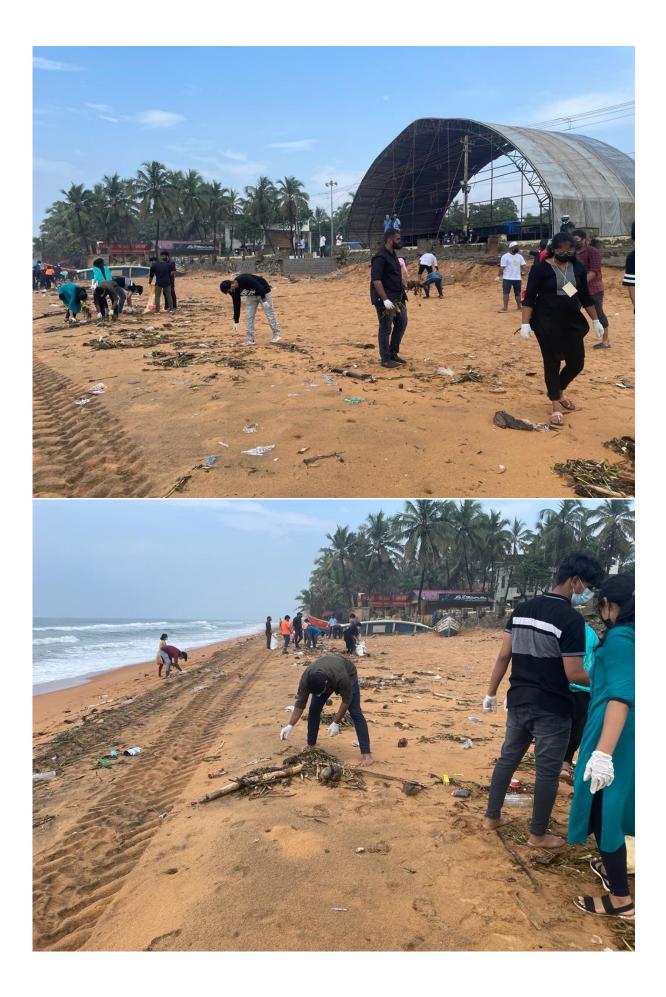
14. GREEN VOLUNTEERS

The Centre for Environmental Studies have selected some of the members as Green volunteers. The main aim behind this is to make students achieve leadership qualities and environmental values. They are given the responsibility of overseeing the practices of students in the college. Green volunteers are assigned to create awareness among the students regarding the necessity of maintaining a clean, green, and plastic free campus. Our college offers the service of green volunteers outside the campus also. The green volunteers of our college have participated in many activities outside the campus and the most important one being the beach cleaning and survey conducted by the Sustera foundation.















15.<u>GREEN VOLUNTEER CERTIFICATE</u>

The green volunteers from our college have participated in activities of Sustera Foundation, an NGO in Thiruvananthapuram. The activities include Vettucaud Beach cleaning after the Perunnal celebrations and a community survey on climate change knowledge, attitude, and practice study. The college has received a certificate of participation for these green practices.



SUSTERA FOUNDATIONThiruvananthapuramRegistered under the Companies Act, 2013 (18 of 2013)+91 9746288054Corporate Identity Number U74999KL2017NPL050302admin@sustera.org

CERTIFICATE OF PARTICIPATION

This is to certify that the students of Eco club, Mar Gregorios College of Law, Thiruvananthapuram participated in the beach clean-up on 16.11.21 and in a community survey on 'climate change knowledge, attitude and practice study' organized by Sustera Foundation from 17 December to 21 December 2021.

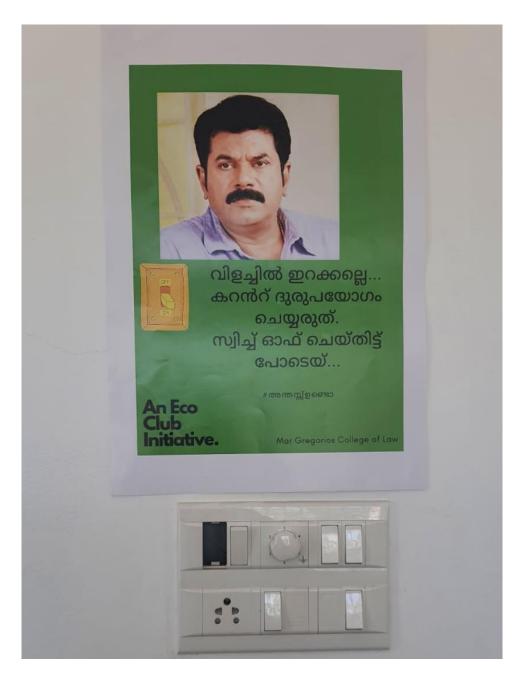
Sincerely, Deepa A, Director SUSTERA Foundation <u>www.sustera.org</u>



16. ELECTRICITY USE AND MANAGEMENT

Mar Gregorios College of Law promotes reduced use of electricity by ensuring that the students, faculties, and other persons switch off the appliances after use. Sarcastic posters for promoting the same are also placed near every switch board in the classrooms, staffrooms, washrooms, library, office, and canteen.

For the wise use of electricity, the use of LED bulbs inside the campus are maximized. Also, a solar panel has been installed in the campus.



17. WASTE MANGEMENT

• Solid Waste Management

The solid waste generated within the campus is collected, segregated, and disposed properly following the guidelines issued by the government.

For the purpose of management of solid waste, the college has installed bio gas plant and incinerators.





Liquid Waste Management

The waste water is properly disposed ensuring that the water doesnot pollute the soil and the campus surroundings. Apart from that to an extent possible, the water is reused for farming and other purposes. The college has a well maintained system for liquid waste management.



18. ENVIRONMENTAL POLLUTION CONTROL

• Noise pollution management

Various display boards are kept within the library and other places in order to create awareness and to maintain silence in the college. The staff members and students are asked to refrain from pressure horns within the campus which is ensured by the security guard. For avoiding noise pollution and to create a peaceful ambiance in the campus, vehicles are not allowed inside the campus during the college working days.



• Air Pollution Management

Environment pollution control awareness programmes are conducted on various issues to create awareness among students and staffs. The college itself is a house to a number of oxygen rich green plants. Tobacco and tobacco products are strictly prohibited in the college premises and consuming tobacco and tobacco products is a punishable offence. The college has also restricted the use of automobiles within the campus to reduce air pollution.

• Water, soil, and land pollution Management

The college has adopted various measures to ensure the protection of land water and soil from pollution. The college strictly adhere to the practice of using only bio fertilizers and completely prohibits the use of chemical fertilizers which can lead to water, land and soil pollution.

19.MENTAL AND PHYSICAL HEALTH

The college has initiated various measures for both mental and physical wellbeing. For ensuring menstrual hygiene Pad vending machines are installed in girl's common room. Infirmary is set up in the college for providing first aid and other helps.



Yoga is a perfect way to attain both mental and physical well-being and for the same reason the college promotes practising yoga on and off the campus. The Centre for Environmental Studies takes initiative by organising mass yoga drills on International Yoga Day each year.

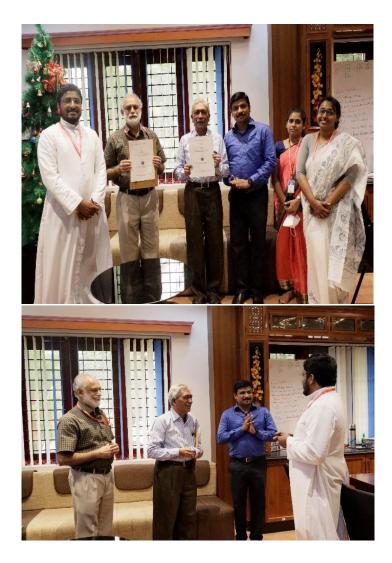




20.MOU FOR SOLID AND E-WASTE RECYCLING

Mar Gregorios College of Law has adopted measures for solid waste and e-waste recycling with the assistance of Clean Kerala Company Limited. Clean Kerala Company Limited is an institution formed under the Local Self- Government Department of Government of Kerala. Clean Kerala Company Limited has entered to an MoU with our college for the collection of recyclable plastics and E-wastes





21.<u>SIGN BOARDS FLEX</u>, <u>POSTERS, AND AWARNESS</u> <u>PROGRAMMES</u>

Various sign boards, posters and flex are placed in the college campus. These are placed with the aim of creating awareness among the staff and students.

Posters regarding electricity conservation, water conservation, plastic ban etc are placed in the campus. Flex relating to Covid Protocol are also placed.

Also, posters of various programmes and activities conducted by each centre in the college are available in the campus.







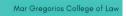
ഒരുപാട് വെള്ളം കളഞ്ഞ് കുളിക്കുന്ന പ്യാരിലാലിനെ പോലെ ആകാതെ....



മാധവന്റെ വെള്ളംകുടി രക്ഷിച്ച Adv. മുകുന്ദൻ ഉണ്ണിയെ പോലെ ആകു...

Save Water... Be like Adv. Mukundan Unni 😁

An Eco Club Initiative.



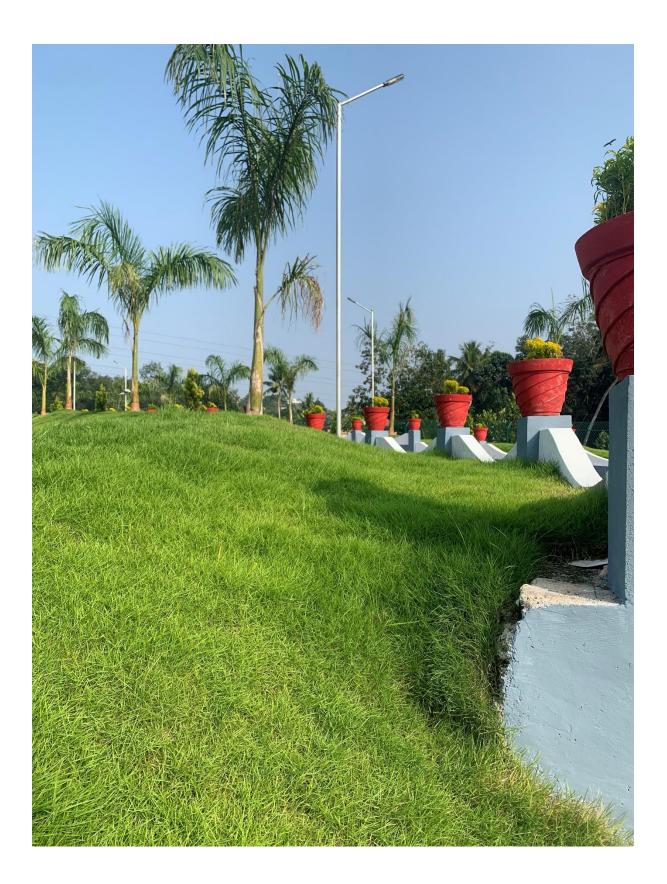


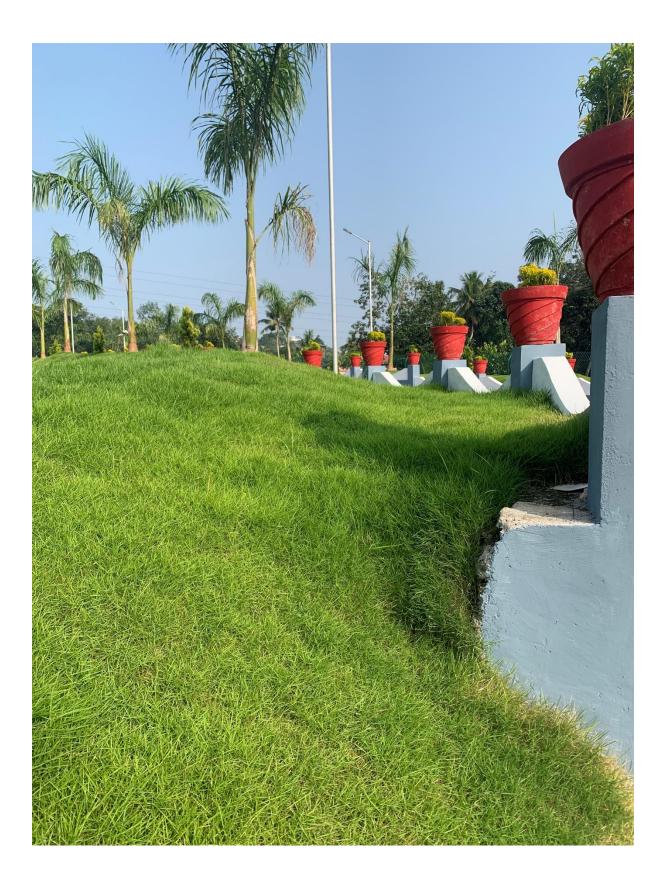


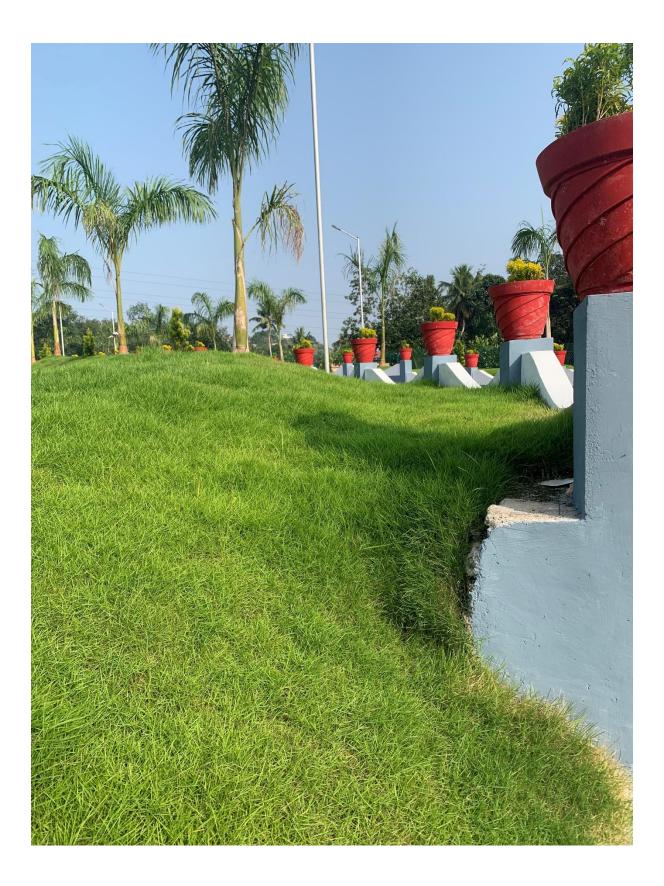
LANDSCAPING

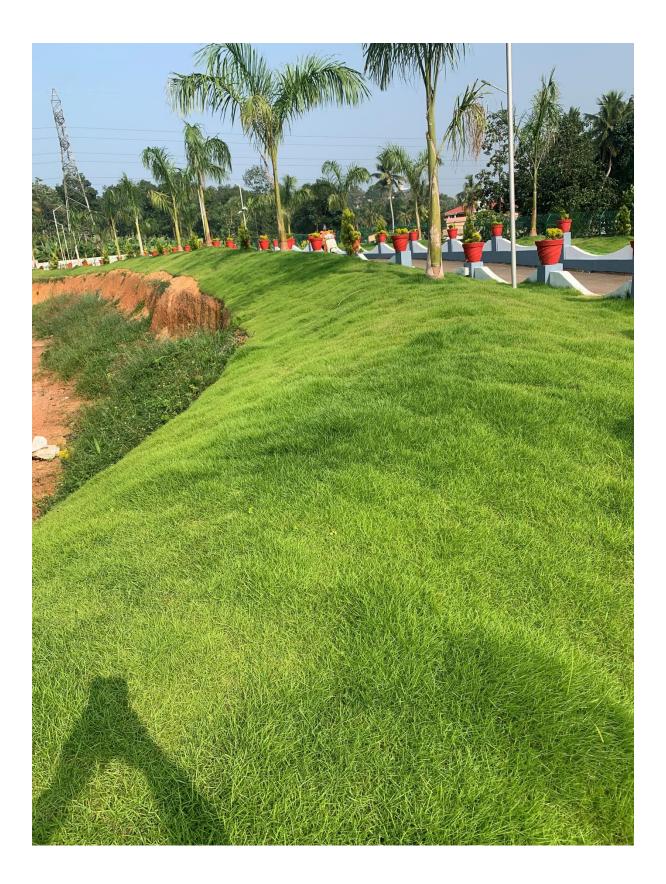














22. SEMINARS, CONFERENCES AND COMPETITIONS

The centre for environmental studies organises various seminars, conferences, and competitions for motivating and encouraging students to do eco-friendly activities.

As part of the World Environment Day, poster designing essay writing and photography competitions for the students were conducted.

Photography Competition: All India intercollegiate photography competition was announced on the theme *vengeance of nature*.

Eco Crafter Hunt: The competition was conducted for students of MGCL to identify the best person who converts waste into anything useful.



According to the UGC dated 08-10-2021, and as part of AZADI KA AMIRT MAHOSTAV, SWECHATHA HI SEWA CAMPAIGN the eco club of MGCL in association with Centre For Environmental Studies is initiating PLASTIC FREE CAMPUS CAMPAIGN

<u>Logo designing competition:</u> A logo designing competition was conducted for centre for environmental studies for the students of MGCL.

<u>Slogan writing and digital poster making competition:</u> A digital poster making and slogan writing competition was conducted to create awareness on waste disposal among students.

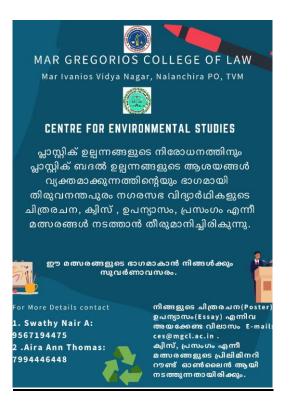
Inauguration of eco club activities was conducted along with a talk on the relevance of environment day by Dr. Parivelan K M, Chairperson; Associate Professor, Nodal Centre Of Excellence, For Human Rights Education; Centre For Statelessness, And Refugee Studies, School Of Law, Rights And Constitutional Governance, Tata Institute Of Social Sciences

In order to create awareness about the conservation of water a webinar was conducted on the topic "<u>**Right to water and Right over Water**</u>" by Prof. Dr Sairam Bhat, Professor of law & centre coordinator, Centre for environmental law education research and advocacy, National law school of India university Bangalore on 22-03-2021.

<u>Awareness program on Waste Management and Disposal</u> was conducted by P Kesavan Nair, Managing Director, Clean Kerala Company Ltd, Thiruvananthapuram.



The Centre for Environmental studies has conducted a National conference of environmental law faculties and national seminar on environmental crimes on December 21 and 22 in association with Maharashtra national law university. Also, the students of the college are participating in a competition conducting by the Trivandrum Municipal corporation as part of a campaign to curb the use of single use plastic and innovative and alternative ideas.



The practices are properly followed and is reviewed from time to time.



Link to Geotagged Photograph https://ssr.mgcl.ac.in//admin/gallery/IMG_6854.jpeg