

# MAR GREGORIOS COLLEGE OF LAW

Thiruvananthapuram

*Paryavaran Mitra*

'SEVEN BILLION DREAMS, ONE PLANET. CONSUME WITH CARE'



## MESSAGE FROM DIRECTOR

It is a matter of great pride and satisfaction for MAR GREGORIOS COLLEGE OF LAW to bring out the News Letter 'PARYAVARAN MITRA' Released from ECO CLUB. The College has made tremendous progress in all areas academic, non- academics, capacity building relevant to staff and students. I am confident that this News Letter will send a positive signal to the staff, students and the person who are interested in the environmental welfare. A News Letter is like a mirror which reflects the clear picture of all sorts of activities undertaken by a department and develops writing skills among students in particular and teaching faculty in general. We celebrated Environment Day by planting -- saplings on the campus.

I congratulate the Editorial Board of this News Letter who have played wonderful role in accomplishing the task in Record time. My heartfelt Congratulations to staff members and Students for their fruitful effort. Let's all strive a bit more and go beyond our comfort zone to achieve higher peaks.

With Best Wishes.

**REV. DR. KOSHY  
ISSAC  
PUNNAMOOTIL  
(SHYJU)**  

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**DIRECTOR**



## MESSAGE FROM PRINCIPAL

Dear faculties, students.

A challenging year has come to an end with a lot of remarkable achievements and many lessons learnt. It is important that our enthusiasm has sustained throughout the year in spite of the Covid19 situation and has left us asking for more in the New Year.

It is believed that educated nation is an innovative nation. A quote by Nelson Mandela "education is the most powerful weapon which you can use to change the world." The college Newsletter will definitely help to show case the activities that are happening in the campus. It also helps in building up teamwork which is very much needed today in the world of competition. It provides a platform for exposing the merits and academic achievements of the faculty. This would definitely create an impact in the minds of readers, by way of providing larger visibility and dimension to the campus. I am confident that if we continue to work together with a spirit of ownership, then MGCL will achieve its new height.

**DR. JOHN PC**

**PRINCIPAL**



## ECO PLEDGE



**"Environmentally friendly cars will soon cease to be an option ... they will become a necessity."  
—Fujio Chro,  
Honorary Chairman  
of Toyota Motors**

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.



# EDITOR'S NOTE

By  
Shilpa Sanjeevan  
BBA LLB

Dear Readers,

As the Student Editor of this Newsletter, I'm extremely elated to bring to your notice our endeavours during 2019 and 2020. Since the last released newsletter, students of MGCL have become more environmentally aware. The pandemic year also saw the students adopting more eco-friendly practises in their homes and surroundings.

The pandemic year not only witnessed the public taking on eco-friendly lifestyles, but the planet was also in a much better place. As a result of curbed movements during the pandemic, the world saw a planet much cleaner and healthier in terms of pollution and emissions. To begin with, the planet was exposed to reduced pollution, clearer skies and most importantly, plummeted greenhouse gas emissions. The news of re-emerging wildlife in the waters of Venice and the wildlife taking over the streets of the nations were sights one could not miss. The planet was in its replenished form amid the pandemic, largely due to the absence of public outside of their homes and so the biggest takeaway would be the huge impact that anthropogenic activities have on the environment. The planet surely healed to some extent during the pandemic, however, the positive effects can be short-lived if we do not maintain and continue those planet-friendly practises. Therefore, it is our duty to be cautious of our actions, as every wrong action may induce a ravaging reaction from nature.

Our institution has always been a guiding force to all the students to develop and incorporate into their lives, an eco-friendly living. With plenty of free time during the pandemic, students started gardening, planting and much more. Students further indulged in eco-friendly practises. Many of them even volunteered at Environmental NGOs to impart environmental education to the public thereby promoting eco-friendly behaviour among groups of the society.

As rightly said by Sir. Robert Swan, "The greatest threat to our planet is the belief that someone else will save it". Let's break that belief and be that someone else to initiate change. Our small individual actions put together can greatly accelerate our efforts.

As an Eco-Club Member, I'm looking forward to being part of highly impactful initiatives and programmes. Let us join hands to promote eco-friendly behaviour among the students and faculty members. It's now time to pivot our actions towards a greener and healthier society. Let's also promise ourselves a fruitful year with all your whole-hearted involvement in the initiatives of our Eco-Club.

Thank You!



# E–Waste Management —The Need of the Hour

By  
REEYA SUSAN JOHN ASST PROFESSOR

Electronics are an integral part of our society; from our homes to offices everything is electronically centred. When these electronics reach their end of life or are discarded it becomes electronic waste. E-waste consists of heavy metals and chemicals which makes it hazardous, if it is not handled properly. The metals and chemicals present in e-waste are known to cause severe health issues and environmental pollution that is why electronic waste management is the need of the hour.

The common understanding is that electronic waste is only those products which have reached the end of its life cycle. However, electronic products are becoming outdated in a short span of time due to the technological advancements. Consequently, in today's society there is an urge to be up-to-date with the latest technology, which leads to replacement of the existing product which further adds to the issue of e-waste. In the past we were only concerned with using and throwing such electronic products away. We never went into the why, where and how it will be disposed. We have reached a juncture where recycling and proper disposal of electronic waste have become a necessity just like any other waste management.

E-waste from the developed countries is being transported to developing countries as second-hand goods or refurbished goods. Developing countries have become a dumping ground for e-waste due to the cheap labour and lack of enactments for e-waste handling and recycling. Internationally, the Basel Convention on the Control of Transboundary Movements of Hazardous Wastes and their Disposal, a multilateral treaty deals with hazardous and other wastes. In India, the E-Waste (Management) Rules, 2016 is in existence but it is not sufficient to curb the menace of improper e-waste handling and management.



# ENVIRONMENTAL EVENTS

## 2019- 2020

- Feb 2nd - World Wetlands Day - "Wetlands and Climate Change".
- March 3rd – World Wildlife Day - "Life Below Water: For People And Planet".
- March 21st - International Day of Forest - "Forests and Education – Learn to Love Forests".
- March 22nd -World Water Day- "Leaving no one behind"
- March 23rd - World Meteorological Day – "Understanding Clouds".
- April 22nd - International Mother Earth Day -- "Protect Our Species".
- May 22nd- International Day for Biological Diversity – "Our Biodiversity, Our Food, Our Health".
- June 5th-World Environment Day -"Air pollution".
- June 17th- World Day to Combat Desertification - "Let's grow the future together".
- June 22nd -World Rainforest Day
- September 16th - International Day for Preservation of Ozone Layer - "32 years and healing".
- 1st Monday of October-World Habitat Day - "Frontier technologies as an innovative tool to transform waste to wealth."
- October 4th -World Animal Day - "Life below water bodies: for the people and the planet,"
- October 16th – World Food Day - "Our Actions Are Our Future-Healthy Diets for a Zero Hunger Day."
- December 5th – International Soil Day-"Stop Soil Erosion, Save Our Future "
- December 11th – International Mountain Day-" Mountains matter for Youth"





# MUNNAR - KOLUKKUMALA

BY ATHULYA KAMAL



"ഓരോ യാത്രയ്ക്കു പറയാൻ ഉണ്ട് അവിസ്മരണീയമായ ബന്ധങ്ങൾ തന്ന കഥ..." മഞ്ഞും, മേഘവും , സൂര്യോദയവും പൂക്കളുടെ താഴ്വരകളും തേടി ഒരു യാത്ര

മൂന്നാർ ന്റെ വശ്യമായ സൗന്ദര്യതോടൊപ്പം ഒപ്പം കുറിഞ്ഞി പെണ്ണിനെയും, മേഘങ്ങളെയെയും മഞ്ഞിനെയും കാണാൻ ആയി ഞങ്ങൾ യാത്ര തുടങ്ങി. കുറ്റൻ പാറകളും, കാറ്റാടി യന്ത്രങ്ങളും, പുല്ലുമേടുകളും, മഞ്ഞ മുടിയും കോടയിൽ പൊതിഞ്ഞു നിലക്കുന്ന മനോഹരമായ ചതുരംഗ പാറയിലാണു ഞങ്ങൾ ആദ്യം എത്തിയത്. കുറെ സമയം അവിടെ ചിലവഴിച്ചു. കുറെ ഫോട്ടോസ് ഒക്കെ എടുത്ത് ...

അധികം താമസിക്കാതെ, അവിടെ നിന്നും ഞങ്ങൾ മറ്റൊരു സ്ഥലത്തേക്ക് യാത്ര തിരിച്ചു.

തെങ്ങാമാൻ രാജാവ് പണ്ട് ശത്രുക്കളെ ഭയന്ന് മല കയറിയ ഒരു സ്ഥലത്തേക്ക് സ്വന്തം സൂക്ഷിക്കുന്നതായും സ്വയം രക്ഷയ്ക്ക് ആയും മണ്ണ് കൊണ്ട് കോട്ടയുടെ ആകൃതിയിൽ നിർമ്മിച്ച - കോടമഞ്ഞിന്റെ വിഹാര കേന്ദ്രം ആയ തെങ്ങാമാൻ കോട്ടയിലേക്കു ആയിരുന്നു ഞങ്ങളുടെ അടുത്ത സന്ദർശനം. താഴ്വാരം കോടമഞ്ഞിൽ മുടി കിടക്കുന്ന കണ്ടു നിൽക്കാൻ ഒരു പ്രത്യേക ഭംഗിയാണ്. മഞ്ഞും ഇളം കാറ്റും കൂടി ആയപ്പോൾ പ്രകൃതിയുടെ വശ്യ സൗന്ദര്യം ഇത്ര മനോഹരം ആണോ എന്ന് പോലും തോന്നി. അങ്ങനെ അവിടുത്തെ സൗന്ദര്യം ആസ്വദിച്ചു

മനസില്ലാമനസോടെ തൊണ്ടമാൻ കോട്ടയ്ക്ക് വിട പറഞ്ഞു ഞങ്ങൾ യാത്ര തിരിച്ചു... ഇപ്പോഴും രാജാവിന്റെ സ്വന്തം അവിടെ ഉണ്ടോ എന്ന് ചോദിച്ചാൽ എനിക്കും അറിയില്ല.. പക്ഷേ ഒന്ന് പോയി നോക്കണം എന്ന് ഉണ്ടായിരുന്നു സമയംകുറവ് കൊണ്ട് തൽകാലം വേണ്ടാ എന്ന് വെച്ചു.

അവിടെ നിന്ന് പുപാറയിലേക്കു ഒരു ഹോട്ടലിൽ നിന്നും ഉച്ചയ്ക്കു ഒരു ബിരിയാണി കഴിച്ചു. രാത്രി ഉള്ള സ്റ്റേ സൂര്യനെല്ലിയിൽ ആണ് അത് കൊണ്ട് വണ്ടി ആനയറകൾ ഡാം വഴി പോയി . കുറെ നേരം എല്ലാരും സംസാരിച്ച് ഡാംന്റെ അടുത്തായി ഇരുന്ന്. അവടെ നിന്നും സന്ധ്യയോടെ നമ്മുടെ താവളമായ സൂര്യനെല്ലിയിലേക്ക് എത്തി. ടെന്റ് ലൈഫ് ആണ്. മനോഹരം ആയി മിന്നി തിളങ്ങുന്ന പ്രകാശ പൂരിതമായ അലങ്കരിച്ച വീഥികളിൽ അരികിൽ ആയി വന്യമായ കാടും ആനയറകൾ ഡാമിന്റെ ഓളങ്ങളും. സാധനങ്ങൾ ഒക്കെ ടെന്റൽ വെച്ചിട്ട് ഞങ്ങൾ നേരെ ഫ്രഷ് അപ്പ് ആയി. BBQ ചിക്കൻനും കഴിച്ച് ഡിന്നറും കഴിഞ്ഞു. അപ്പോഴേക്കും പരിപാടികൾ എന്തൊക്കെയോ കോർഡിനേറ്റർസ് ശരിയാക്കി എന്ന് അറിഞ്ഞു.

ഞങ്ങളു് അടുത്ത ക്യാമ്പ് ഫയർ - ലേക്ക് കടന്നു. ആനയറകൾ -ന്റെ മനോഹരമായ സൗന്ദര്യ കണ്ട് നിശബ്ദമായ കാടിനെയും നോക്കി തീ കായാൻ ഒരു പ്രത്യേക സുഖമാണ്. പെട്ടെന്ന് ആണ് ക്ഷണിക്കാതെ ഒരു അതിഥി ഞങ്ങളുടെ ഇടയിലേക്ക് വന്നത് മഴ എന്ന ആ അതിഥി കാരണം ക്യാമ്പ് ഫയർ നിർത്തി ഞങ്ങളു് എല്ലാവരും ഉറങ്ങാൻ ആയി ടെന്റിലേക്കു പോയി..... രാവിലെ 4 മണിക്ക് തന്നെ ഉണർന്നു. ഓഫ് റോഡ് എക്സ്പീരിയൻസും , സൂര്യോദയവും കാണാൻ ആയി രാവിലെ തന്നെ ഞങ്ങൾ നേരെ കൊള്ളുക്ക്മലയ്ക്ക് പോയി. കുണ്ടും കുഴിയും, കല്ലുകളും ഉള്ള റോടിലൂടെ ഞങ്ങൾ തേയില തോട്ടങ്ങൾ മഞ്ഞിനെയും സൂര്യകിരണങ്ങളേയും തഴുകുന്നതും നോക്കി യാത്ര തുടർന്നു .ഞങ്ങളെ സ്വീകരിക്കാൻ സൂര്യൻ ഇങ്ങു പുറത്തേക്ക് പോന്നു ...ആ സൂര്യകിരണവും കൊള്ളുക്ക്മലയിലെ മഞ്ഞും മനോഹര ദൃശ്യങ്ങളും ഞങ്ങളുടെ മനസ്സിനെ ആനന്ദത്തിൽ ആഴത്തി. തങ്ക നിറത്തിലുള്ള സൂര്യോദയം കണ്ട് ഞങ്ങൾ മുന്പോട്ട് പോയി. മഞ്ഞും കോടയും മുടി നിലകുന്ന താഴ്വരകളും ഉദിച്ചു ഉയരുന്ന സൂര്യന്റെ പൊൻകിരണങ്ങളു് പതിയുന്ന മലകളും.. ഇനിയും ഒരാളെ പരാജയപ്പെടുത്തിയില്ല വയലറ്റ് നിറത്തിൽ വസന്തം വിതറി നിലകുന്ന നമ്മുടെ കുറിഞ്ഞിപെണ്ണ്. താഴ്വരകളു് പൂക്കളാൽ മനോഹരം ആക്കി സ്വപ്നങ്ങളു് വർണം ചാലിച്ച കൊള്ളുക്ക്മല.



തെന്നി തെന്നി താഴ്വരയുടെ മലമടക്കുകളെ കുറച്ച് ഒക്കെ ഞങ്ങൾ ഇറങ്ങി.. തിരിച്ച് കയറിയ ഞങ്ങൾ അവിടെ നിന്നും മറ്റൊരാളെ കാണാൻ ആയി പോയി.. താഴ്വാരത്തിൽ നിന്നും മല മുകളിലേക്ക് കയറുമ്പോൾ അരിച്ച് ഇറങ്ങുന്ന കോടയിൽ ഇളം കാറ്റും കൂടി ആയപ്പോൾ യാത്ര ഉഷ്ണമായി.. മലമുകളിൽ എത്തിയിട്ടും തീർന്നില്ല ഇനിയും ഉണ്ട്... ദൂരങ്ങളേ. മലയുടെ അറ്റം കാണാൻ ഇനി കുറച്ച് ദൂരം മാത്രം ബാക്കി നിലക്കേ അവനെ കണ്ടുമുട്ടി... ശരിക്കും നീ ആരാ നിന്റെ പേരെന്താ എന്നൊക്കെ ചോദിക്കണം എന്ന് ഉണ്ടായിരുന്നു.. പക്ഷേ എങ്ങനെ ചോദിക്കാനാ .. വെറും കല്ല് പ്രതിമയായ അവനെ എങ്ങനെ സംസാരിപ്പിക്കാനാ. എന്തായാലും ആളുകൾ അവനെ വിളിക്കുന്നത് പുലിപാറ , സിംഹപാറ എന്നൊക്കെ ആണ് ശരിക്കും തന്റെ പേര് എന്താണെന്ന് ഇവടെ ആർക്കും അറിയില്ലല്ലോ എന്ന ദേഷ്യത്തിൽ വാ തുറന്ന് ഗർജ്ജിച്ച് നോക്കി നിലകുന്ന അവന്റെ മുമ്പിൽ ഞാൻ അങ്ങേ പോയി നിന്ന്... കുറെ ഫോട്ടോസ് ഒക്കെ എടുത്ത് .. കുറച്ചു നേരം മൊത്തത്തിൽ ഒന്ന് നോക്കി ഞാനും പരാജയം സമ്മതിച്ചു .. ലവന് പുലിയോ സിംഹമോ .. അങ്ങനെ മലമുകളിൽ നിന്ന് തിരിച്ച് താഴേക്ക് ഇറങ്ങി. അങ്ങനെ ഞങ്ങൾ തിരിച്ച് ടെന്റ് സ്റ്റേ ചെയ്യുന്ന സ്ഥലത്ത് എത്തി. ബ്രേക്ക് ഫാസ്റ്റ് ഒക്കെ കഴിച്ച്.. ഫ്രെഷ് ആയി.

എല്ലാവരെയും പിരിയുന്ന വിഷമമം ഉണ്ടെങ്കിലും.. വിഷമത്തോടെ തന്നെ യാത്ര ചോദിച്ച് എല്ലാരോടും മഞ്ഞിനും പൂക്കളോടും താഴ്വാരത്തിനോടും വിട പറഞ്ഞു ഞങ്ങൾ മടങ്ങി പോന്നു. ഇനി എന്ന് കാണും, ഒരുമിച്ച് ഒരു കൂട്ടിൽ, ഒരിക്കൽ കൂടി എന്ന് അറിയില്ല... .. മനോഹരം ഈ യാത്ര, മധുരമി ബന്ധങ്ങൾ തന് കെട്ടുറപ്പ് ..



# CREATIVE MINDS



By  
NANDHANA VIJAYAN  
BBA LL.B



By  
NIRMAL LENI JOSEPH





By  
MADHU NISHA  
BBA LL.B



By  
Gouri M Nair  
Bcom LLB

# BUILDING NORMS FOR COASTAL ZONE

By  
Madhu nisha  
BBA LLB

With India having a coastline spanning around 7,516 kilometres, the coastal regions have become significant for the economic growth and development of industries like shipbuilding and mining. The regulation of coastal zones is crucial for protecting the country's coastal environment. In December 2018, the government approved the Coastal Regulation Zone (CRZ) Notification, 2018.

The Environment Ministry came up with the Coastal Regulation Zone rules (CRZ rules) in February 1991, under the Environment Protection Act in 1986. The rules were notified in 2011. In 2018, the government issued the Coastal Regulation Zone Notification 2018 to remove restrictions on building, streamlining the clearance process and increasing tourism in the coastal areas.

As per the CRZ rules, the coastal areas of creeks, seas, bays, rivers and backwaters that get affected by tides up to 500 metres from the high tide line (HTL) and the land area between the low tide line (LTL) and the high tide line are declared as coastal regulation Zoomcarne (CRZ).

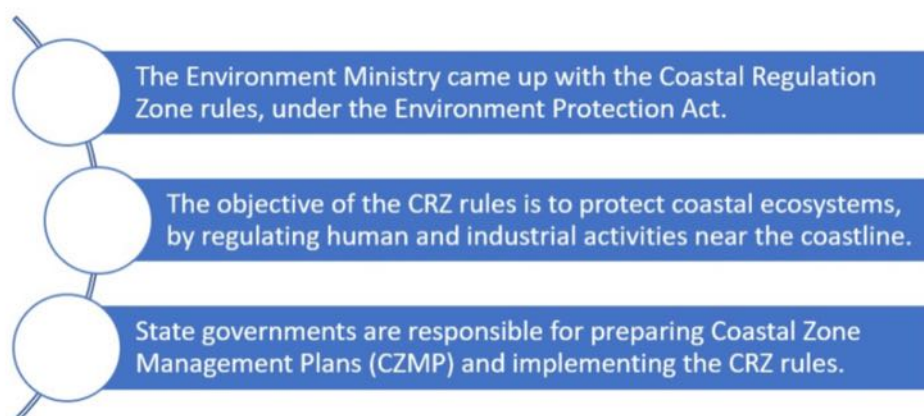
State governments are responsible for preparing Coastal Zone Management Plans (CZMP) and implementing the CRZ rules through their respective Coastal Zone Management Authority

The Coastal regulation zone notification 2019 was issued to replace the 2011 notification and develop the coastal region of the country in sustainable manner on scientific principles, keeping in view current global problem of climate change and sea level rise.

The Notification of 2019 has been brought out pursuant to the recommendations of the Committee and laid special focus on creating employment opportunities for the people in the coastal areas. Apart from the conservation and protection of coastal environment, the Notification also leads to enhanced activities in the coastal regions thereby promoting economic growth resulting in employment generation and better standard of living.

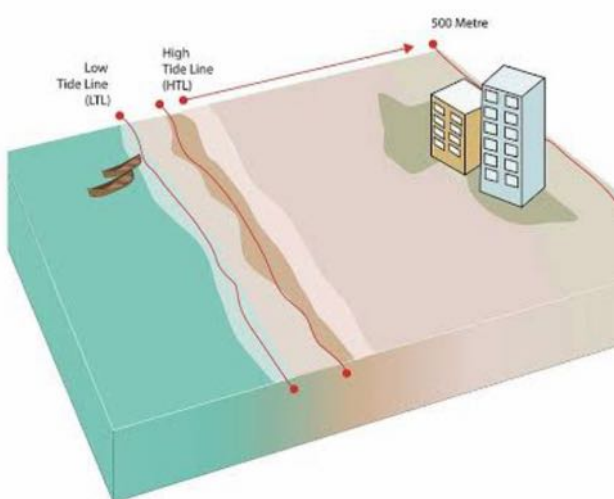
Most of the recommendations of an expert committee headed by Shailesh Nayak, which looked into the concerns of coastal States and various stakeholders, relating to the CRZ 2011 notified ication were incorporated in the new notification, according CRZ experts.

The notification has classified the CRZ 3 areas (the land areas that are relatively undisturbed and those which do not fall under CRZ 2) into CRZ 3 A and 3 B based on the density of population.



## Merits

- The coastal zone is a transition area between marine and territorial zones. It includes shore ecosystems, wetland ecosystems, mangrove ecosystems, mudflat ecosystems, seagrass ecosystems, salt marsh ecosystems, and seaweed ecosystems.
- CRZ Rules thus, govern human and industrial activity close to the coastline, in order to protect the fragile ecosystems near the sea.
- They seek to restrict certain kinds of activities, like large constructions, setting up of new industries, storage or disposal of hazardous material, mining, or reclamation and bunding, within a certain distance from the coastline.
- The basic idea is: As areas immediately next to the sea are extremely delicate, home to many marines and aquatic life forms, and are also threatened by climate change, they need to be protected against unregulated development.
- In all CRZ Rules, the regulation zone has been defined as the area up to 500 m from the high-tide line.



## BRIEF

Coastal Regulation Zone:  
Why India Needs A Coastal Zone  
Protection Act

## Demerits

- Facilitate Flagship Projects: The government has declared Sagarmala, Bharatmala, and CEZs as “strategic projects”, which have a blanket exemption from CRZ provisions.
- Enhanced Coastal Vulnerabilities: Studies by the Indian National Centre for Ocean Information Services, says the sea level along India is rising at 0.33-5.16 mm per year and predict that the frequency and intensity of unseasonal and extreme weather events will increase in the coming decades.
- Enhanced Risk to Inhabitants: Providing housing facilities just 50 m from the coastline would expose the inhabitants to severe weather events, that too without any buffer.
- Increased Coastal Erosion: According to the Central Water Commission’s Shoreline Change Atlas, India has lost 3,829 km, or 45 percent of the coastline, in just 17 years till 2006. While coastal erosion is a natural phenomenon carried out by waves, tidal and littoral currents and deflation, the report says these factors get exacerbated by activities like land reclamation and other structures on the coast.
- Disregard to Fragile Coastal Ecology: The controversial land reclamation, in which new land is created from oceans or lake beds and is known to have strong impacts on coastal ecology, has been allowed in intertidal or CRZ-IB areas, for ports and sea links
- Increased Pollution Levels: Increasing nutrients in the coastal water may lead to ecological disturbances affecting the coastal ecosystem processes and services.
- Unscientific Approach: Government has relied on satellite imagery to demarcate CRZ categories with little or no corroboration on the ground.
- Local Communities Further Distanced: New notification brings clearance in CRZ-IV areas under the purview of the Centre. Earlier, the area was under the state government. Now, it will be difficult for communities to get their voices heard in Delhi.
- Non-Empirical Approach: No study is available to show the carrying capacity of coastal areas to accommodate such increased development or the projected impact of such a change on the coastal communities.

B. Madhusoodana Kurup, former Vice chancellor of the Kerala University of Fisheries and Ocean Studies, Kochi, said the new notification failed to acknowledge the issues of global warming and sea level rise.

Even though the notification did away with the No Development Zone for the construction and repair of dwelling units of communities including fishermen along the coast, it would expose these group to the perils of nature more. The opening of the coast for tourism activities would lead to reduced livelihood options for fishermen, he feared.

K.K. Ramachandran, a former member secretary of the Kerala Coastal Zone Management Authority, said while the notification attempted to bring in some clarity on the enforcement aspects, it could result in misuse of provisions for eco-tourism activities in mangrove stretches and compensatory afforestation for affected mangroves.

The government should come up with a comprehensive act for the coastal areas and facilitate the greater role of local bodies and enhanced community participation in the governance of coastal areas so as to ensure sustained utilization of coastal zones.

## BEACHES THROWN OPEN

|   |  |
|---|--|
| <p><b>CRZ I</b><br/>Mangroves, coral reefs, sand dunes, mudflats, national parks, marine parks</p>      | <p><b>CRZ II</b><br/>Areas developed up to or close to the shoreline</p>   |
|   | <p><b>CRZ III</b><br/><b>Seaside areas</b><br/>Population density over 2,161 people/sq km<br/>NDZ will be 50 metres now<br/>Earlier 200 metres</p> |
| <p><b>Rural areas</b><br/>Population density less than 2161 people/sq km<br/>NDZ will be 200 metres</p> | <p><b>Mainland islands</b><br/>Densely populated rural areas<br/>NDZ will be 10 metres</p>   |





# CHRISTMAS DAY

December 20, 2019



## ROMANS 12:10

*“Love each other with genuine affection, and take delight in honoring each other.”*

## JOHN - 1:29

*“Behold, the Lamb of God, who takes away the sin of the world!”*



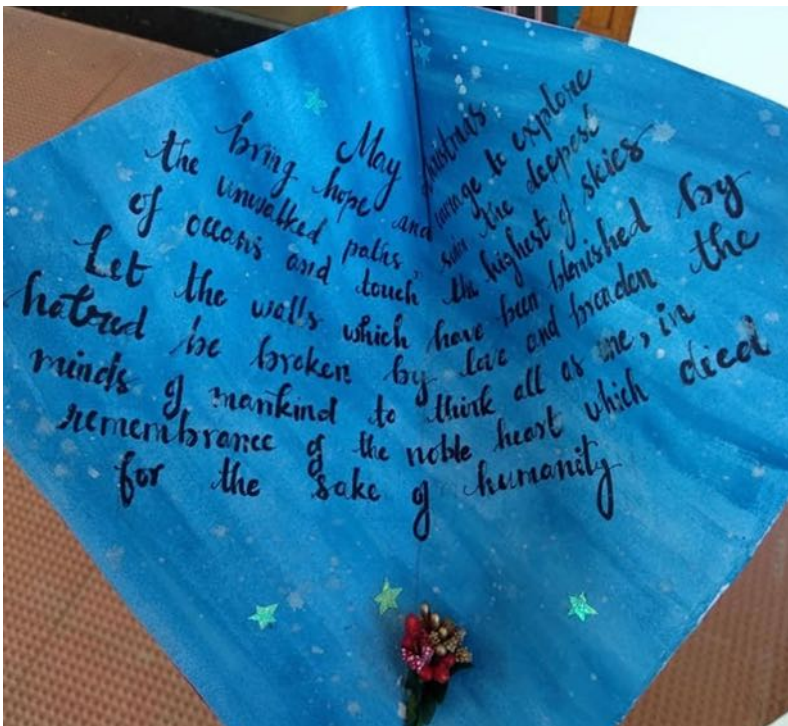
## ISAIAH 7:14

*“Therefore the Lord himself will give you a sign. Behold, the virgin shall conceive and bear a son, and shall call his name Immanuel.”*



# PSALMS 111:10

*The fear of the lord is the beginning of wisdom; all who follows his persons have good understanding.*





# USED CORRECTLY PPE SAVES HUMAN LIVES; DISPOSED OF INCORRECTLY KILLS OTHER LIVES IN THE ENVIRONMENT.

BY  
SWATHY NAIR A  
BCOM LLB



Less Air pollution... less noise pollution...and lots less litter on streets ...all it took was a global pandemic shutdown- some happy news amid the shocking death news reported during the first few months of the deadly pandemic and associated lock down. But this happiness didn't stay longer because of another long-lasting covid reminder: PPE litter.

As the pandemic has put the world on hold, many of us are turning to disposable PPEs including masks and gloves to avoid the risk of being infected. It is estimated that we have a monthly use of 129 billion face masks and 65 billion gloves globally. Most disposable face masks are made of nonwoven materials (e.g., spun bond and melt blown spun bond), often incorporating polypropylene and polyethylene. Gloves are made of different plastic materials (Low-Density Polyethylene, nitrile, latex, vinyl), presenting strong mechanical and chemical resistance, causing high persistence in the environment after possible dispersion.

Similar to other plastic waste, PPE-derived waste that is not properly treated can be spread into the environment and will probably reach water bodies as the final sink. A large portion of PPE waste is disposed of through the regular garbage system or simply tossed aside – left on the ground as litter in open areas and on sidewalks.

To the usual list of foul trash left behind or washed up on beaches around the world, add these: masks and gloves used by people to avoid the coronavirus and then discarded on the sand. At a time when the world's oceans are already choking on as much as 8 million metric tons of plastic leaked into them annually, this latest threat could exacerbate an already tenuous situation.



These are also harmful to animals in many ways. Animals not only have the ability to retrieve PPE from an open face garbage, but it also has the potential to blow out. wildlife will be incorporating PPE plastics into their nests and some will probably confuse discarded PPE for food sources. There have been numerous sightings of wildlife becoming entangled and trapped in PPE waste. Aside from entanglement and ingestion, animals are also impacted by the chemicals leaching off these plastics into soil and water.

With a rise in the consumption of plastic and disposable goods, it's important to remember that Covid-19 is a temporary state, and eventually, we will need to address the effects of non- biodegradable waste populating our environment including oceans and landfills.

With photos and videos giving disturbing evidence of this new form of pollution, Let this moment be a wake-up call for all of us to act appropriately to save our environment and other living organisms in this pandemic for a better future. Reusable masks are safe to use, as long as they are washed after each use. If you do need to use single-use masks or gloves, dispose of them safely and make sure they don't end up littering in our environment and oceans. Let's join hands and ensure the safe disposal of PPEs.



# Lockdown Diaries

## A Good Friend of Nature

Ever since my childhood I loved gardening and planting trees with my parents. Being a hostler since 2017 I spent a little time with my parents and ruptured the hobby of planting plants and trees. But during this pandemic, I spent my valuable time through various internship programs.

As a part of the Pan India internship provided by Umeed an NGO which was working for the benefit of the society aims to drop hope, came up with a new initiative to enjoy a week as an environmental week. Based on this initiative all through the week I immensely engaged in planting trees and herbs which once I wished to plant. Proudly claims I dropped hope to the lap of mother nature in Ernakulum district at Kerala. This initiative is planned to plant 5 trees in the forest, open areas, roadside to nurture the environment. For this I choose an agricultural field to splash the hope of sustainability.



By  
SARA JOHN  
BBA LL.B

| SI. No | Names of plant | Scientific Name    | Medicinal value  | Post plantation treatments |
|--------|----------------|--------------------|--|----------------------------|
| 1      | Mango Tree     | Mangifera indica   | Lower blood pressure, Prevents Anemia, Prevents Constipation | Watered and fertilized     |
| 2      | Soursop        | Annona muricata    | Fight Cancer, Relieve back pain,                             | Fertilized                 |
| 3      | Calotropis     | Calotropis procera | Antidote for snake bite, burns, body pain                    | Watered                    |
| 4      | Curry Plant    | Murraya koenigii   | Good for sight, diabetics                                    | Bacterial spray            |
| 5      | Holy Basil     | Ocimum basilicum   | Good for hair growth, age-old remedy for fever.              | Watered                    |



# GROWING A GREENER WORLD

By  
NAVEEN N ROBINSON  
BBA LL.B



The outbreak of COVID in December 2019 brought the whole world to a standstill. It hit Kerala the very next month, following what seemed like an eternity of lockdowns and self-isolations.

But as the saying goes, out of all bad things, can come something good as well. The isolations and lockdowns, even though difficult, helped countless people like me to take a break from their frustrated and busy-scheduled lives and channel their free time to do what they have always wanted to do. For me, it was gardening.

I live in a multi-story apartment right at the heart of Trivandrum where the possibility for large scale gardening is shallow. Despite that, my family came up with a very nice setup on our roof. We managed to set up a couple of big sized gardening buckets and that seemed to do the job.

I am pretty much a novice and a beginner when it comes to gardening and had it not been for my mother, we would have failed miserably. We managed to get some vegetable seeds from a neighbour and started our small hobby. We started with some spinach and even though it was minimal at first, we expanded our small venture across the roof. Now, we have a huge variety of vegetables and even some hybrid fruits. Our little project turned out to be a huge success that the yield we got was way more than what we could consume. We started to gift some of our home grown vegetables to our neighbours and well-wishers.

To sum it up, what started as a small hobby is now something special that brings the family together. This pandemic is a sign for all of us to take a break and do the things we have always wanted to do. In the end, our happiness is what matters.





## GARDENING EXPERIENCE DURING THE LOCKDOWN



I can't even begin to imagine what my lockdown would have been like if it wasn't for my little garden. It was after a while, during the lockdown, that I resumed my habit of planting again. I first started by planting some sunflower seeds in a pot with some soil and watered it. Finally, after seven days, I could see a little head sprouting out of the soil to my joy. It almost felt like how a mother feels when her baby comes out of her womb.

As a child, during my school days, I never left a year without planting something. I even used to buy grow bags and plants out of my savings. The best thing I got was a collection of ground Orchid plants.

Lockdown made my life stagnant, but planting made it flow smoothly. A perfect evening routine for me during the lockdown was to sit on a chair on the terrace, watch the evening sky, and listen to the breezy sound of the leaves. This feeling cannot be articulated into words. The greenery pleased my eyes and watering plants in the evening was like meditation to me. On the days I feel low, my garden lights me up as the feeling of nurturing my plants makes my day a whole lot better. Another important quality that gardening gave me is patience. We all see flowers and how they yield. However, the process which involves the day the seed is sown to finally blooming is a long yet worthy process. This is also how life works.

Planting is everything.

Gardening is my life. Greenery is Scenery! Yeah



BY  
Milton Johny J. S.  
BBA LLB



# A fun hobby thats good for your health



By  
SHIFANA  
Bcom LL.B



By  
NANDANA VIJAYAN  
BBA LL.B





By  
Alex Babu Tharayil  
B.Com, LL.b

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