



THE COCHIN COLLEGE

Koovapadam, Kochi-2

Affiliated To Mahatma Gandhi University

Re-accredited by NAAC With B+ Grade



Fourth Cycle
NAAC Accreditation 2024

Criterion 1 Curricular Aspects

1.3 - Curriculum Enrichment

Metric No. 1.3.1

Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability in transacting the Curriculum.

Green Initiatives

Submitted to



National Assessment and Accreditation Council



THE COCHIN COLLEGE

KOCHI - 682 002

(Affiliated to Mahatma Gandhi University and Accredited by NAAC)

Website: www.thecochincollege.edu.in

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Green Initiatives

This document provides a comprehensive overview of the green initiatives and sustainability practices undertaken by **The Cochin College** from 2019 to 2024. These efforts are a testament to the college's commitment to promoting environmental responsibility and fostering a culture of sustainability among its students, faculty, and the broader community.

Over the years, The Cochin College has implemented a variety of programs focused on organic farming, waste management, reforestation, and sustainable campus practices. These initiatives not only enhance the ecological footprint of the institution but also serve as valuable educational experiences, equipping students with the knowledge and skills necessary to contribute to a sustainable future.

The activities documented in this report include notable efforts such as the *Institutional Organic Farming* project, the *Thanal- Planting Fruit Saplings* initiative, and the *Pacha Thuruthu Project* in collaboration with the Cochin Corporation. Each of these programs has been carefully designed to address specific environmental challenges, from promoting sustainable agriculture to reducing waste and encouraging the use of eco-friendly materials.

Through collaborations with external agencies and active participation from the college community, these initiatives have yielded significant outcomes. The NSS unit's involvement in various green projects, the training sessions on organic farming and bio-waste management, and the active engagement in national environmental campaigns like the *SHARP Project* are just a few examples of how the college has integrated sustainability into its core activities.

This document not only highlights the success of these initiatives but also underscores the importance of ongoing efforts in environmental stewardship. The Cochin College's dedication to green practices aligns with global sustainability goals and sets a powerful example for other institutions to follow. By continuing to prioritize sustainability, The Cochin College is making a meaningful contribution to the preservation of our environment and the promotion of a sustainable future for all.





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1 Academic Year : 2023-2024

1.1 Institutional Organic Farming

The NSS unit of The Cochin College, in collaboration with the college management, continued their initiative of institutional organic farming on 50 cents of land. Building on the success of last year's efforts, the program resumed in early September with the planting of new vegetable saplings. This year's cultivation included a variety of plants such as spinach, brinjal, ladies' finger, yard-long beans, snake gourd, tomatoes, green chilies, and bottle gourd. The project demonstrated the college's commitment to sustainable agriculture and provided valuable hands-on experience for the students involved. The harvesting of these crops was successfully carried out on March 18, 2024, marking another fruitful year of sustainable agriculture.





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THE COCHIN COLLEGE, KOCHI



NSS UNIT 51

INSTITUTIONAL ORGANIC FARMING

HARVESTING





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1.2 Training on Organic Farming and Bio-Waste Management

On July 22, 2023, The Cochin College organized a training session on organic farming and bio-waste management as part of its green initiatives. The session was led by Ms. Manju V Subramanian from the Department of Zoology and was specifically aimed at students from Ernakulam Law College. The training provided in-depth knowledge on sustainable agricultural practices and efficient bio-waste management techniques. Participants learned about the importance of organic farming in promoting soil health and reducing chemical usage, as well as the benefits of proper bio-waste management in minimizing environmental pollution. This initiative underscored the college's commitment to fostering environmental awareness and sustainable practices among the broader student community.

NSS UNIT 22 AND IQAC
GOVERNMENT LAW COLLEGE
ERNAKULAM PRESENT

**TRAINING ON
ORGANIC FARMING AND BIO-WASTE
MANAGEMENT**
(A Skill Development programme)

RESOURCE PERSON



DR MANJU V SUBRAMANIAN
ASST PROFESSOR, DEPT OF ZOOLOGY
THE COCHIN COLLEGE

22.07.2023 09.30 AM
CENTRAL ASSEMBLY HALL

DR. BINDU M. NAMBIAR
PRINCIPAL
DR. LINA ACCA MATHEW
NSS PO

DR. BINDUMOL VC
IQAC
COORDINATOR

DR. LEKSHMI GR
NATURE CLUB
COORDINATOR

NEENAKUMARY KP
GREEN PROTOCOL
COORDINATOR





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1.3 Thanal- Planting Fruit Saplings in the Cochin College Campus

The NSS unit of The Cochin College celebrated Environment Day by planting 30 fruit saplings on the campus. The event was inaugurated by the Principal, Dr. M. Geetha, at 10 am near the basketball court. The program saw a good turnout of teachers and the participation of 60 volunteers.

NSS Program Officers Mr. Renjith S and Dr. Soney Bhageeradhan coordinated the event. Following the tree plantation, the event included the inauguration of the "Malinya Muktha Keralam, Navakeralam" initiative. This was accompanied by a campus cleaning drive aimed at raising awareness about the harmful effects of plastic waste. The program concluded at 12.30 pm endjustify





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1.4 SHARP Project

Students of the Department of Zoology, The Cochin College volunteered in a Resource Recovery and Recycling Drive organised by Plan@earth in association with KMRL(Kochi Metro Rail Limited) from June 5, 2023, to June 9, 2023. This initiative aimed to promote environmental sustainability through effective waste management practices. The Zoology students played a crucial role in the collection, sorting, and categorising of recyclable materials, as well as educating the community on the importance of recycling and proper waste disposal at Aluva, Kalamassery, JLN Stadium, MG Road and Vytilla Metro Stations.

THE COCHIN COLLEGE
Koovappadam, Kochi-2

PlanatEarth INDIA

METRO

IN ASSOCIATION WITH plan@earth

പ്ലാസ്റ്റിക് മാലിന്യ പ്രശ്നത്തിനൊരു പരിഹാരം !
ലോക പരിസ്ഥിതി ദിനത്തിൽ ക്യാമ്പയിൻ തുടങ്ങുന്നു

മാലിന്യങ്ങൾ ശേഖരിക്കുന്ന സ്റ്റേഷനുകൾ
Aluva | Kalamassery | JLN stadium | MG Road | Vytilla

The Cochin College Students Volunteered to collect Waste in metro stations

GREEN PROTOCOL

XANCUS

Dept. Of Zoology
The Cochin College
Koovappadam, Kochi-2



Mendula Menon
Mrudula Menon V.
Principal-in-Charge
The Cochin College



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1.5 Pacha Thuruthu Project in Collaboration with Cochin Corporation

On 15 January 2024, the NSS unit of The Cochin College, in collaboration with the Cochin Corporation, undertook the Pachathuruthu project in Wards 8 and 9. This initiative focused on planting trees in areas prone to irresponsible garbage disposal, with the aim of creating natural deterrents against waste accumulation. The volunteers planted 5 Ashoka trees, 5 Ilanji trees, and 10 Arya Vepu trees in Wards 8 and 9. The project aimed to transform neglected spots into green spaces, promoting environmental sustainability and cleanliness. The Pachathuruthu project not only enhanced the aesthetic appeal of these wards but also served as a strong deterrent against the piling up of garbage, reinforcing the importance of responsible waste disposal and environmental conservation.





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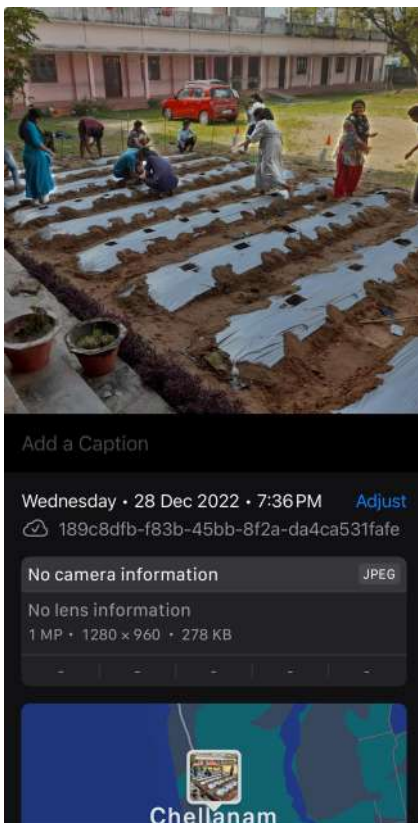
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2 Academic Year : 2022-2023

2.1 NSS 7 Day residential Special Camp: Organic farming at camp school

The NSS unit of The Cochin College conducted a 7-day special camp at St. Mary's High School, Chellanam, 25 to 31st December 2022, focusing on various community service activities, including organic farming. Volunteers engaged in setting up and maintaining organic farming projects for the school, imparting valuable agricultural knowledge and practices to the students and local community. Organised by NSS Program Officers Renjith S. and Dr. Manju V. Subramaniyan, the camp aimed to promote sustainable agriculture and environmental stewardship. These programs reflect the college's commitment to community welfare and the holistic development of its students, fostering a sense of social responsibility and practical skills among the participants.





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2.2 Institutional Organic Farming

At The Cochin College, the NSS Unit - 51 embarked on an exciting organic farming project on 50 cents of land. The planting of vegetable seedlings was officially inaugurated by our Principal, Dr. M. Geetha, on January 16, 2023. This initiative was carried out in collaboration with ESAF and the Kerala Agricultural Department. The vegetables were harvested in April, yielding over 100 kg of fresh produce. These vegetables were then distributed within the college community.

2.2.1 Cultivated Items and Quantity

Area (in cents)	Items/Plants Cultivated	Approximate Quantity (in kg)
50 cents	Green Chilly, Lady's Finger, Brinjal, Sambar Cucumber, Pumpkin	100 kg





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3 Academic Year : 2021-2022

3.1 Beach Greenery Initiative: Planting for a Sustainable Shore

On February 25th, the Bhoomithrasena Club, in association with the Nature Club and the National Service Scheme of The Cochin College, organized a sapling plantation drive along the beachside. The event began with a thorough beach cleaning, after which saplings of guava and jackfruit were planted. The initiative saw active participation from about 78 students, who contributed their time and effort to enhance the coastal environment. The program highlighted the collective commitment of the students towards environmental conservation and beautification.





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3.2 Distribution of Cloth Bags in the campus

As part of following the Green Protocol within the campus, the BMS Club members distributed cloth bags within the campus. In the first stage of the programme the cloth bags were distributed to teachers and non teaching staff in the college. The programme was inaugurated by giving the cloth bag to the Principal of The Cochin College Dr. Geetha M.





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3.3 Waste paper recycling

Waste paper recycling stands out as a significant green initiative due to its multifaceted environmental benefits. By recycling paper, we conserve natural resources, notably reducing the need to harvest trees, which helps maintain forest ecosystems and biodiversity. This practice also cuts down on energy and water consumption compared to producing new paper, leading to a smaller carbon footprint and less strain on water resources.

The Green Protocol Wing of the Nature Club, The Cochin college collected 1400kg of waste paper from all the departments in the college and A4 size paper bundles were distributed for the equivalent amount of waste. On January 31st 2022, a significant amount of waste paper was collected as part of our ongoing waste paper recycling initiative.





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4 Academic Year : 2020-2021

4.1 Green Protocol Initiative: Paper distribution

Nature club in association with Plan@earth, NGO, Aluva, collected the used papers from all departments and college office for recycling. Fresh A4 size papers proportionate to the weight of papers were provided in return.





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5 Academic Year : 2019-2020

5.1 Eco Hues : Cloth bag making and painting on cloth bags using fabric colours

On February 20, 2020, as part of our green initiatives, an enriching program titled "Eco Hues" was conducted with Mrs. Priya Jegan, a Fevicryl expert teacher, serving as the resource person. The program focused on the creation and decoration of cloth bags, encouraging participants to adopt sustainable practices. Under Mrs. Jegan's guidance, attendees learned to make cloth bags and creatively paint them using fabric colors. This initiative not only promoted the use of eco-friendly alternatives to plastic bags but also inspired participants to engage in sustainable and artistic activities. "Eco Hues" effectively combined environmental consciousness with creativity, reinforcing our commitment to reducing plastic waste and fostering a greener community.





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5.2 Green Practices at The Cochin College

The Cochin College, under the joint efforts of the Green Protocol Committee and the Department of Zoology, has undertaken several initiatives to promote sustainable and eco-friendly practices within the campus. These initiatives align with the principles of the 3 Rs: Reduce, Reuse, and Recycle, which are fundamental to fostering an environmentally responsible community. Furthermore, these efforts contribute to achieving the United Nations Sustainable Development Goals (SDGs), particularly those related to responsible consumption and production, climate action, and life on land. The following report highlights some of the key green practices implemented:

5.2.1 Recycling Initiatives

One of the prominent initiatives is the promotion of recycling within the campus. A faculty member is shown beside a transparent recycling bin designated for collecting used pens and other stationery items. This bin, marked with a recycling symbol, emphasizes the importance of recycling and proper disposal of non-biodegradable waste. The collected items are likely to be repurposed or recycled, reducing the overall waste generated by the institution. This initiative directly addresses the third R: Recycle, and aligns with SDG 12: Responsible Consumption and Production.

5.2.2 Eco-Friendly Office Supplies

In another effort to reduce the environmental footprint, the college has introduced the use of eco-friendly office supplies. A photograph depicts the handing over of sustainable office products between faculty members, demonstrating the college's commitment to adopting green alternatives in everyday operations. This initiative not only reduces the consumption of single-use plastics but also promotes awareness among staff and students about sustainable choices. This supports the first R: Reduce, by minimizing the use of disposable items, and aligns with SDG 12: Responsible Consumption and Production.

5.2.3 Reusable Drinking Water Bottles

The college encourages the use of reusable glass water bottles instead of single-use plastic bottles. The image of a glass water bottle signifies the institution's push towards reducing plastic waste and encouraging students and staff to adopt more sustainable habits. This initiative is a clear example of the second R: Reuse, by opting for durable and long-lasting alternatives, and supports SDG 12: Responsible Consumption and Production and SDG 13: Climate Action.





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5.2.4 Stainless Steel Utensils

To minimize the use of disposable cutlery and plates, the college has provided stainless steel cups and plates. These utensils are durable, reusable, and reduce the amount of waste generated from disposable alternatives. The images of the stainless steel cups and neatly stacked plates showcase the college's readiness to support green events and daily usage within the campus. This practice again emphasizes the second R: Reuse, and aligns with SDG 12: Responsible Consumption and Production and SDG 13: Climate Action.

The green practices adopted by The Cochin College, driven by the Green Protocol Committee and the Department of Zoology, highlight the institution's commitment to environmental sustainability. Through initiatives such as recycling, the use of eco-friendly office supplies, promoting reusable water bottles, and providing stainless steel utensils, the college sets a commendable example for students and staff alike. By integrating the principles of the 3 Rs: Reduce, Reuse, and Recycle, and contributing to the achievement of the United Nations Sustainable Development Goals, these efforts not only contribute to a cleaner environment but also instill a sense of responsibility and awareness about sustainable living practices among the college community.

ശ്രീലമാക്കേണ്ടത് (Should be done):
 - ഗ്രീൻ/പ്ലിറ്റ് പ്ലേറ്റുകൾ കയ്യിൽ
 - ഭക്ഷണ സാധനം മാതിരി ഭക്ഷണം
 - പ്ലാസ്റ്റിക് സാഹോദരങ്ങൾ
 - ഗ്ലാസ്/പ്ലിറ്റ് വാട്ടർ ബോട്ടിലുകൾ
 - ഭക്ഷണ സാധനം
 - വെള്ളപ്പാത്രങ്ങൾ
 - വാലിന്റേസ് ഉപയോഗിക്കൽ
 - ഭക്ഷണസാധനങ്ങൾ
 - പ്ലാസ്റ്റിക് സാഹോദരങ്ങൾ
 - ഉപയോഗിക്കേണ്ട പ്ലാസ്റ്റിക് ഉപകരണങ്ങൾ
 - വിരസകര/ശക്തകരമായ സാഹോദരങ്ങൾ
 - സാഹോദരങ്ങൾ പ്ലാസ്റ്റിക് വാലിന്റേസ് സൂക്ഷിക്കേണ്ടത്

ഒഴിവാക്കേണ്ടത് (Should be avoided):
 - ഡിസ്കാർട്ടബിൾ കപ്പുകൾ, പ്ലേറ്റുകൾ, നല്ല നല്ലവസ്തുക്കൾ
 - പ്ലാസ്റ്റിക് ബോട്ടിലുകൾ
 - പ്ലാസ്റ്റിക് സാഹോദരങ്ങൾ
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 - പ്ലാസ്റ്റിക് സാഹോദരങ്ങൾ

“എന്റെ മാലിന്യം എന്റെ ഉത്തരവാദിത്വം”
 എനിക്ക് മാലിന്യം മാത്രമല്ല സുസ്ഥിരമായ ഭാവനയും ഉണ്ടാക്കേണ്ടത്.
 Implemented by Green Protocol Committee, The Cochin College



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