

NIRMALA
ARTS & SCIENCE COLLEGE
MULANTHURUTHY



ENVIRONMENT
CONSERVATION CELL

ANNUAL REPORT 2021 -2022



NIRMALA ARTS AND SCIENCE COLLEGE

(Affiliated to Mahatma Gandhi University, Kottayam)

ENVIRONMENT CONSERVATION CELL



BRIEF SUMMARY OF ACTIVITIES

Sl. No	Event	Nature of event	Date	Resource Person	Number Of Participants
1.	Eco rejuvenation drive	Day Observance	05/06/2021	-	-
2.	Essay Writing Competition	Competition	05/06/2021	-	16
3.	Poster Making Competition	Competition	16/09/2021	-	-
4.	National Ozone day E-quiz	Competition	16/09/2021	-	-
5.	Aquaponics Cultivation	Best Practice	15/11/2021	-	-
6.	Fish Harvest	Best Practice	10/12/2021	-	-
7.	Installation of Apiary and Workshop on Apiculture	Extension	19/12/2022	Mr. Biju Thomas Ooramana <i>Apiculturalist and Trainer</i>	-
8.	Talk on Climate and Environment Literacy	Awareness	22/04/2022	Ms. Sheena T C Assistant Professor, Management studies	



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ECO REJUVENATION DRIVE

Date : 05th June 2021
Venue : -
Chief Guest : -
Number of Participants : -
Person in Charge : Agnus Joy

Brief Report

Environment Conservation Cell of Nirmala Arts and Science College, Mulanthuruthy celebrated **World Environment Day on 5th June 2021**, Saturday. Due to the pertaining COVID 19 pandemic situations, **Eco Rejuvenation Drive** was conducted as part of the Environment day celebration. All the staff members and students were requested to engage in some eco related activity staying at home and to share the pictures of their celebration to the email ID of the cell. **Ecosystem Restoration** was the worldwide theme for Environment day this year. The ECC played a wonderful role in fulfilling this theme. Maximum participation was ensured and the pictures were shared by the students and staff members. The pictures were converted to a video and shared in the Whatsapp groups and also in the Facebook page of college.

Link : <https://fb.watch/5ZM5UTtROm/>

Programme Brochure & Images





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ESSAY WRITING COMPETITION

Date : 05th June 2021

Mode : Online (E mail)

Chief Guest : -

Number of Participants : 16

Person in Charge : Agnus Joy

Brief Report

As part of the Environment Day celebrations of Nirmala Arts and Science college, the Environment Conservation Cell has conducted an essay writing competition on the topic, “The dying Earth : Reasons and Remedies” on 5th June 2021. The students were asked to write an essay in 1000 words on the topic. 16 students from various departments has participated in the competition. Vrinda M G of B. Com Finance and Taxation and Swarup Nambiar of BCA department won the first and second prizes respectively.

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Nirmala Arts and Science College
Mulanthuruthy
Environment Conservation Cell
organises
Essay Writing Contest
as part of
World Environment Day Celebration



Topic: **The Dying Earth: Reasons and Remedies.**

വിഷയം: **മരിക്കുന്ന മണ്ണ്: കാരണങ്ങളും, പ്രതിവിധികളും.**

Last Date of submission: 7th June 2021, 5PM
Language: English/Malayalam
Max. word count: 1000 (2 pages)
Send the essays to: nascenvironmentcell@gmail.com
Exciting prizes for the winners

Interested students can register their names with the class tutor.
Registration closes on 5th June 2021, 7PM.

പരിസ്ഥിതി എന്നത് കൂട്ടായ്മയിൽ പിറന്ന സമൂഹമാണ്. ഒരു വ്യക്തി എന്ന നിലയിൽ നാം സമൂഹത്തെയും പരിസ്ഥിതിയെയും നോക്കുമ്പോൾ അതിൽ നമ്മളും ഉൾപ്പെടുന്നുണ്ടെന്ന കാര്യം വിസ്മരിച്ചുകൂടാ. അതുകൊണ്ടുതന്നെ പരിസ്ഥിതിയെ ബാധിക്കുന്നതെന്തോ അത് നമ്മളെയും ബാധിക്കുന്നതാണ്. വിതക്കുന്നത് തന്നെ കൊയ്യുമെന്ന തത്വശാസ്ത്രം മനുഷ്യരാശി ഉണ്ടായ കാലം തൊട്ടേ എല്ലാവരും പിന്തുടർന്നുപോന്ന ഒന്നാണ്. ചെയ്യുന്നതെന്തോ അത് തന്നെ തന്നിലേക്ക് തിരികെ എത്തിയിരിക്കും.

പരിസ്ഥിതി മലിനീകരണത്തിന്റെ കാര്യവും ഇതിൽനിന്നും ഒറ്റും വ്യത്യസ്തമല്ല. ചെറിയ അശ്രദ്ധകൊണ്ടുപോലും ഇതിൽ നാം ഓരോരുത്തരും പങ്കാളികളാണ് അതുപോലെ തന്നെ ഉത്തരവാദികളുമാണ്. ഉപഭോക്താവസ്തുക്കളുടെ നിർമ്മാർജ്ജനം ശാശ്വതമായ രീതിയിൽ അല്ലെങ്കിൽ ഭൂമിയുടെ ചവറ്റുകുറ്റയിൽ നമ്മളും ഒരു നാണയതുട്ട് നിക്ഷേപിക്കുകയാണ്.

Vrinda Girish <vrindubalu@gmail.com>
to me -
6 Jun 2021, 15:44

The Dying Earth
Are you breathing? If yes, what are you breathing? Are you sure you are breathing fresh air and not the polluted air which makes you sick. Can you say yes? No! No one would dare to say Yes, because we all know, we are breathing polluted air. Still, we are surviving so we don't have to think about that and many of them would think that what I am talking about is useless. But I dare you to think again.

Just assume, you are suffering from cancer and you knowingly avoided the first stage without any treatment followed by the second and third stage. And somehow you survived till the last stage of cancer, the pain is running through the veins, cancer had eaten your systems and all of a sudden you decide to take medicines. Are you sure, you will be a survivor? It's pathetic to say but no, cancer will eat you alive. So my point is that whenever you decided to throw plastic into oceans and lakes you heard the rumour in your head "Don't do it, it will kill fishes and will pollute the water" and what did you do?

The world is screaming for development. And for that what we give. Our forests. We continued to cut the trees to make shopping malls and buildings. Now we could see amusement parks and tall buildings everywhere. The count in trees started to fall and animals started to extinct. Does that stop you? No! More and more development took place. Deforestation drowned in those tall buildings and global warming warmed us.

Now I want to ask you something. Do you want to be that person who runs to cure the cancer at the last stage where no medicine could cure you. Or you want to be someone who looks for cure at the first stage. When you think of cutting trees, think of the air you breathe, when you think of throwing plastic to the ocean, and lakes think of the water you need to survive.

I want you to remember something, you don't own the earth, everyone has equal right to live, you are not the king. Before you are paying attention to find water and life in mars, remember to preserve something that you have in your hands. The future will either be green or not at all. We all need a green environment. Plant more trees, stop polluting lakes and oceans, reduce the usage of plastic, conserve nature for a better tomorrow.

I hope one day we all say "YES", when someone asks if you are breathing fresh air. Nothing comes out for free. Put your effort to make the



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POSTER MAKING COMPETITION

Date : 16th September 2021

Mode : Online (E mail)

Chief Guest : -

Number of Participants : 06

Person in Charge : Agnus Joy

Brief Report

As part of the ozone day celebrations ECC has conducted a poster making competition on 16th September 2021. The competition was interdepartmental and the theme of the event was Ozone for Life. Students were asked to make posters and send it to the mail id of ECC. Active participation for the students made the competition very tight. Priya Raj (B.com Tax) from Post Graduate Department of Commerce won the First Prize and Ronny Winny (BCA) from the Department of Computer Application won the Second Prize.

Programme Brochure & Images

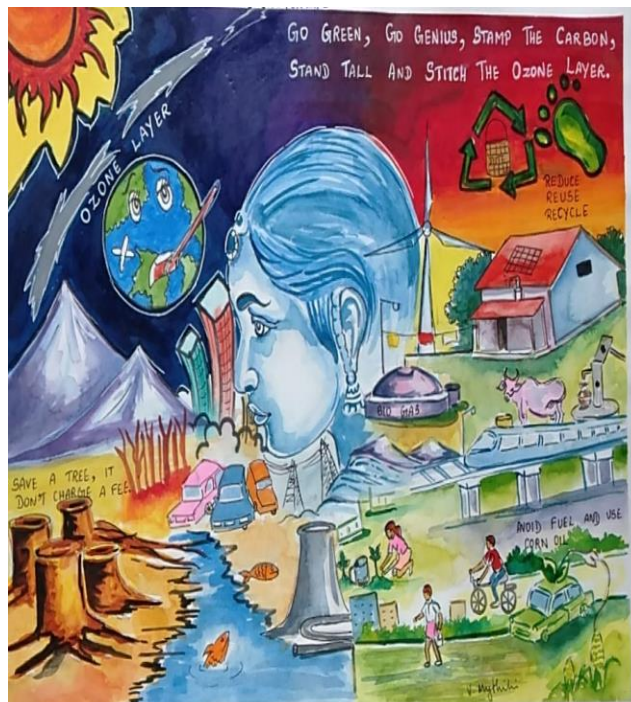




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NATIONAL OZONE DAY E QUIZ

Date : 16th September 2021
Mode : Online (Google Forms)
Chief Guest : -
Number of Participants : 124
Person in Charge : Agnus Joy

Brief Report

A National level E-Quiz was organised by ECC of Nirmala Arts and Science College, as part of the Ozone Day celebrations on 16th September 2021. For the conduct of the E-Quiz, Google Forms containing 15 questions relating to ozone layer and its protection, was distributed. The E-quiz was open from 16/09/2021, 9AM to 16/09/2021, 10 PM. Multiple choice questions were used for the E-Quiz and got good number of responses. Around 124 participants attempted the quiz and among them 78 got 60% question correct and secured the certificates. The respondents included students and teachers from various colleges in an out Kerala.

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NIRMALA ARTS AND SCIENCE COLLEGE, MULANTHURUTHY

(Affiliated to MG university, Kottayam)

Certificate Of Achievement

This is to certify that

<<Full Name>>

, << Name of College>>

has participated and excellently performed in the **National Level E- Quiz competition** held on 16th September 2021 organised by the Environment Conservation Cell as part of observing World Ozone Day-2021.


Dina Joseph
Convener


Dr. Geetha C.A.
Principal



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AQUAPONICS CULTIVATION

Date : 15th November 2021
Mode : College Courtyard
Chief Guest : -
Number of Participants : 08
Person in Charge : Agnus Joy

Brief Report

Aquaponics is a system of aquaculture in which the waste produced by farmed fish or other aquatic creatures supplies the nutrients for plants grown hydroponically, which in turn purify the water. Being a modern method of farming, ECC of Nirmala Arts and Science College restarted the cultivation in Aquaponics on November 15th 2021. The students and faculty members planted saplings of chilly. Aquaponics is a good method of farming which produce vegetable and fish at the same time in a limited space. The ECC Staff members took an online Session through Google meet to the students to make them aware of this modern farming practice. The installation was successful as we could see the tremendous growth of veggies in the aquaponics bed. Since our trial version was successful ECC is planning to install this method of farming on a larger scale.

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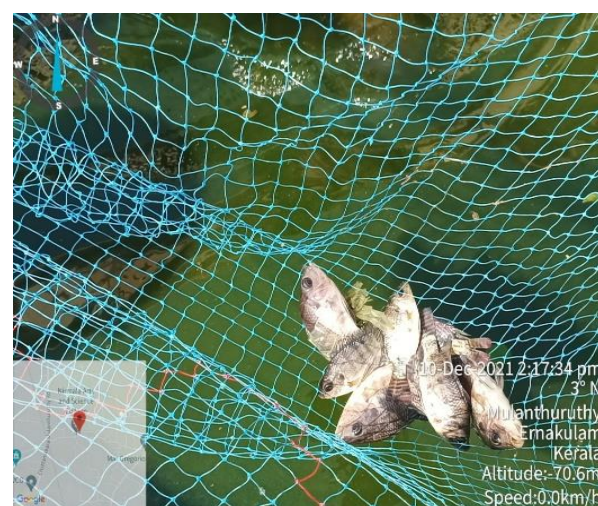
FISH HARVEST

Date : 10th December 2021
Mode : College Courtyard
Chief Guest : -
Number of Participants : 14
Person in Charge : Akhil M A

Brief Report

The ECC of Nirmala Arts and Science College has harvested fish from the college pond at the courtyard on 10th December 2021. The harvested fishes were of the breed Tilapia. College dean Daisy N O inaugurated the fish harvest. Students and faculty members of the college were joyful and fascinated. Around 3kg of fishes were harvested and it was distributed among the teachers, office staffs and students.

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INSTALLATION OF APIARY AND WORKSHOP ON APICULTURE

Date : 19th February 2022
Mode : College Premises
Chief Guest : **Mr. Biju Thomas Ooramana**
Apiculturalist and Trainer
Number of Participants : 28
Person in Charge : Akhil M A

Brief Report

It was indeed a great achievement for ECC of Nirmala that it could set up an apiary in the college premises. On 19th February 2022 ECC of nirmala has installed 4 beehives in our college premises. Inorder to provide insights on beekeeping ECC also organised a one day hands-on workshop on beekeeping and apiary management. Mr. Biju Thomas Ooramana a well-known apiculturist and identified trainer handled the sessions. Members of Nirmala college residents association, members of ECC and other staff members attended the session. The session was really useful as beekeeping could be adopted in our houses as it will give as pure honey which is also a source of income for all.

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ORGANIC FARMING - CULTIVATION AND HARVEST

Date : -
Mode : *College Premises*
Chief Guest : -
Number of Participants : -
Person in Charge : *Akhil M A*

Brief Report

Every year the members of ECC takes all efforts to setup an organic vegetable garden in the college premises to inculcate the practice of farming among the students. The students get the basic ideas of planting sapling maintaining and caring them. They are very eager to watch the growth of those plants and to harvest the produce out of it. The management and staff members of ECC takes every effort to make it happen. Students irrespective of their social backgrounds with common minds come together to lay the soil, plant saplings, manure them and to water them. Staff Members of ECC give all the guidance for the students. Regular classes on organic farming are arranged in the college to educate the students with every steps of organic farming. The harvested vegetables are sold among students and staff members of our college.

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TALK ON CLIMATE AND ENVIRONMENT LITERACY

Date : 22nd April 2022
Mode : College Premises
Chief Guest : **Ms. Sheena T C**
Assistant Professor, Management studies
Number of Participants : -
Person in Charge : -

Brief Report

The ECC of Nirmala Arts and Science College has observed the world earth day on 22nd April 2022. Earth Day is an annual event on April 22 to demonstrate support for environmental protection. The theme of The Earth Day 2022 is to invest in Our Planet and features five primary programs: The Great Global Clean-up, Sustainable Fashion, Climate and Environmental Literacy, Canopy Project, Food and Environment, and the Global Earth Challenge. ECC of Nirmala observed the earth day by organising a talk on the climate and environment literacy. Mrs. Sheena T C Assistant professor Department of Management Studies, was the resource person for the session, she spoke on the need of environment and climate literacy. The students were also provided insights on the importance of observing Earth day. As part of the day observance students also planted saplings in the college premises.

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22-Apr-2022 11:34:31 am
83° E
Mulanthuruthy
Ernakulam
Kerala
Altitude: 85.1m
Speed: 0.0km/h



Network: Apr 22, 2022 12:29:48 PM GMT+05:30
Local: Apr 22, 2022 12:29:47 PM GMT+05:30
9°54'26.511" N 76°23'25.253" E
196° S
Chottanikkara Mulanthuruthy Road
Mulanthuruthy
Ernakulam
Kerala
Altitude: 76.1m
Speed: 0.0km/h



Network: Apr 22, 2022 12:31:33 PM GMT+05:30
Local: Apr 22, 2022 12:31:32 PM GMT+05:30
9°54'26.545" N 76°23'25.219" E
207° SW
Mulanthuruthy
Ernakulam
Kerala
Altitude: 73.8m
Speed: 0.0km/h