



Government Degree College,



Avanigadda - 521121.

Krishna dt..A.P.

ISO 50001:2011, ISO 14001:2015, ISO 9001:2015

NAAC- B

Report on Eco Club activities Green campus initiatives

Eco Club was re -organized in the college In November 2021, to effectively promote awareness on Environment and sustainable development.

Introduction:

The following report provides an overview of the activities achievements and impact of the eco club over the past year. The eco club is a student led organisation aimed at promoting environmental awareness and sustainability within our college and local community. The club aims to foster a sense of responsibility by engaging the students in various initiatives related to environmental protection and environmental educational campaigns.

Membership and leadership :

While all students and faculty are members of the club it has identified 25 students from all branches who are active members of the club. The executive board of the club consists of:

President: Dr. D. Uma Rani, Principal

Vice president: Mrs.K. Sujatha, lecturer in Chemistry.

Treasurer: Mrs. D.Naga Nani, lecturer in Zoology.

Members:

Staff

1. Dr.D.Rajalakshmi
2. S.Tanuja
3. M.Venkateswara Rao
- 4 B.Jaya Sai

Students:

1. Ch.Rasi II BSc (Aquaculture)
- 2.K.Yamuna II BSc (Aquaculture)
3. A. Lavanya BCom
4. Ch.Balu BCom
5. J.Lakshmi Teja BA
6. J.Pavan Kalyan BA
7. A.Bharath BCom
8. Ch.Bhavana BCom

This board provides effective leadership and plans the activities to be conducted throughout the year.

Awareness campaigns:

The club has arranged several awareness campaigns to educate not only the college students but also the neighbouring community and raise environmental consciousness. These initiatives included:

- A) **Recycling drive:** The club conducted a college wide Recycling drive encouraging the students and the staff to collect waste paper and plastic material and to recycle it. The material that can't be recycled is sent to landfill. The campaign resulted in a significant reduction of waste.
- B) **Water conservation:** Save water, Save Life Campaign is Conducted to educate students About the importance of conserving water. They have taken up the programs like repairing leaking taps and distributing shower helps to reduce the water wastage and to raise awareness regarding water conservation.
- C) **Environmental protection initiatives:** The club has taken up various activities to bring awareness in the students and also in the local people regarding environmental issues and need for sustainable development they include:
 - i) **Tree Plantation:** In collaboration with various local organisations the club organised tree Plantation drives in and around the college the club members and NCC and NSS volunteers of the college planted over 40 trees Contributing to the reforestation efforts and enhancing the areas biodiversity and greenery.
 - ii) **Community cleanup:** The club organised regular clean up drives in the college and also around the college so that a clean environment is set up. The members removed the litter and waste material creating a cleaner and healthier environment for the community.
 - iii) The major work that is taken up by the club is the protecting of Olive Ridley turtles that come and hatch in nearby beach, that is Palakaya Tippa, located 40 km. away from the college. The students gather baby turtles that come out of the eggs and leave them near the sea so that they can reach the water without facing any harm. This activity has taken place is in the March of last year.

The club works with other organisations like the forest department and gain valuable insights from them regarding environmental conservation.

The club has become a part of the college administration and helps to implement sustainable practices such as reducing plastic use promoting recycling and integrating environmental education into curriculum.

The club also organises the celebration of important days such as Environmental Day, on 5th June, Earth Day on 28th July and World Nature Production Day on. and International Ozone Protection Day on 16th September.

The club was actually engaged in educational activities to improve environmental Stewardship. These activities included seminars on topics such as climate change, sustainable living and waste management. Various competitiona were held in the college, such as poster designing are conducted to encourage creativity and inspire students to think about environmental issues.

In brief the Eco Club of the college was very successful in creating a culture of environmental protection and sustainability within the campus and also in the local community through the

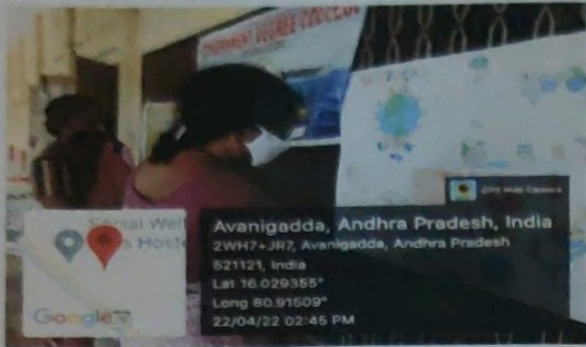
initiatives campaigns and collaborated efforts the club had made positive impact on waste reduction energy conservation and environmental education for the entire year. The efforts of the club served as an inspiration for students and also for the elders in the community to take up responsibility for the environment and to work towards a more sustainable future.



The activities conducted in the last year are as follows



Environmental Awareness Rally on 14/2/2022



Field Trip to Palakayathippa to release Sea-Tortoises into Sea to get Awareness on Conservation of Environment
01/04/2022



Students Poster Presentation on Theme save Earth on World Earth Day
22/04/2022

World Environmental Day

Celebrations on 5th June 2022

Organized by ECO - CLUB

Department of chemistry under Eco - club celebrates world environment day on 5th june every year to aware the student community as well as community by conducting various activities which improve the civic responsibility in every individual. Eco - club members participated in all the activities, plastic toys exchange from kids, soil pollution, medical waste management, E - waste management, taking oath etc., arranged by academic family of GDC, Avanigadda.

Photo gallery



Oath



Manure pollution with plastic



Medical waste management

Exchange of plastic toys from kid

INTERNATIONAL DAY FOR THE PRESERVATION OF OZONE LAYER CELEBRATIONS

On
16th SEPTEMBER 2022

Organised by
Departments of Physics, Chemistry, Eco Club & Physics Club

The Department of Physics, Chemistry, Eco Club and Physics Club of GDC, Avaniigadda, Krishna Dist. are collectively Organising one-week celebrations on the occasion of "International Day for the Preservation of Ozone Layer" from 10th to 16th September 2022 and a grand valedictory on 16th September 2022 as per the following schedule. We request you to participate in this mega event and encourage your students to participate.

Date	Activity	Organised by
10.09.2022	Awareness on Filling of Eco-Friendly Gases for Cooling Appliance	Eco Club and Physics Club
11.09.2022	Awareness Program to Plant Nurseries for Promoting NASA Recommended Green Gas Absorbing Plants	Eco Club and Physics Club
12.09.2022	Mega Plantation at 75 Different Places	Eco Club and Physics Club
13.09.2022	Grand Test with 75 Questions	Departments of Physics & Chemistry
14.09.2022	Pludge	Departments of Physics & Chemistry
15.09.2022	Rally	Departments of Physics & Chemistry
16.09.2022	INTERNATIONAL DAY FOR THE PRESERVATIONS OF OZONE LAYER CELEBRATIONS	Departments of Physics, Chemistry, Physics Club & Eco Club



D. Sankar
PRINCIPAL
GOVT. DEGREE COLLEGE,
AVANIGADDA, Krishna Dist.

Day 1 Programme
Awareness on Filling of Eco-Friendly Gases for
Cooling Appliances
Organised by
ECO CLUB & PHYSICS CLUB

The main sources for CFC & HCFC are cooling appliances. The gases filled in cooling appliances release CFC & HCFC. But eco-friendly gases are available now in the market. But the technical people are not aware of these gases. Still they are using the conventional products. Hence the clubs of GDC Avinigadda planned an awareness program to the technicians of cooling appliances. As a part of this, the students of clubs went to Yashwanth Engineering Machilipatnam, met proprietor Sri. T. Nageswara Rao and have given awareness about the eco-friendly gases like 404a to fill the pipes in refrigerators. Not only that, we have given awareness to the dealers also to promote eco-friendly labelled cooling appliances. We are planning to convey our suggestion to manufacturers also.



Physics Club & Eco Club Members with their club members explaining to Sri. T. Nageswara Rao garu, Technical person, refrigerators about the gases

Day 2 Programme



Mega Plantation at 75 Different Places Organised by Eco & Physics Clubs

As per the theme of "Green Day - 2022" - Global Cooperation Protecting Life on Earth, we have designed an interesting programme on protecting life on earth as green is the only colour of plant is the only source. Plantation at different places on globe definitely fulfills the theme. So, we have given a call to all to plant a plant at their place and to upload the GPS photo in the link provided by us.

As this year is "AZADI KA AMRITHI MAHOTSAV" we aimed for plantation at 75 different places from NRIs also. We received 75 responses from UK, Germany, US and other states in India like Meghalaya, Karnataka, Telangana etc along with various places different of our state. We are planning to follow up the activity by contacting the respondents on 10% of every month. The aim is not to confine the activity for not a particular day and to extend it for every day.

Response Sheet

Link: https://docs.google.com/spreadsheets/d/1OK9ghyZsZc37t6F7AgQm8236gHb-E3E-NP_2agRU0hscw07f9d0-496531453

Response from Our VC sir



Response from Other Countries

GERMANY



UK



US



Response from Other States

KARNATAKA



MEGHALAYA



TELANGANA



Response from Other Districts

Chittoor



East Godavari



Guntur



West Godavari



NTR



Krishna



Response from Pedana ZP High School



Response from a Couple - Mrs & Mr. B. Rujji Babu,
Teachers Vatsavai Mandal



Day 4 Programme

Grand Test on

"AWARENESS ON DEPLETION OF OZONE LAYER"

Organised by Departments of Physics & Chemistry

The negative impacts due to ozone layer is a major issue globally now. This can be reduced or controlled when every individual should be aware of "Depletion of Ozone Layer". Keeping this in mind we conducted a grand test on "AWARENESS ON DEPLETION OF OZONE LAYER". As it is the AZADI KA AMRITHI MAHOTSAV YEAR, we prepared a question paper with 75 questions purely relevant to ozone depletion.

We received 175 responses and 11 students got highest score 150/160. We conducted a final exam for these students to select winners and the question paper was prepared by Prof. S. V. A. Prasad, Department of Physics, PR Govt Degree College, A. K. Konada, expert in this field.

Question paper link

https://docs.google.com/forms/d/e/1FAIpQLS0jwMz-pjNq8YK4-Quz9d1InRd7TK-q8re0MS0-cw169K2-sure1jrrr_2ajpna1-link

Response Sheet link

https://docs.google.com/spreadsheets/d/1yaKpVn0C1XW4kAqE1mY1ZZ6ZcKqKk4_nAd1T2g4-od8f/gd7c101701698

Day 5 Programme

PLEDGE


Organised by

Departments of Physics & Chemistry

నేను ————— అవ్వాలి ఒకటి ఎరికటి దివ్యమును ఉందియూ... కాదు: వారి
వినియోగమును వాదనలందో చేసిన వేరూ ప్రయోగమును దేవతల వి రక్షణను
అలాగేటి ప్రకృతి అందించిన రక్షణ కనుమన ఒకటి వారి ఈ కంటి దివ్య
కాదునుగానూని అందనగానును ఉంది నును నుంది రక్షణను ఉంది రక్షణలో ఒక
కెనిసియర వాదనీ కనుమ 2 గంటలు ఎందియోని. ఇంది యాగ్ లోని వినియోగము
వారి వి వినియోని. ఎలావరిన ఎరికటి ది వారి వారియోని కాని అందునుగానూ
అందిన చేసినాను.



Day 6 Programme
Rally
Organized by
Departments of Physics & Chemistry



A rally has been conducted by the Departments of Physics & Chemistry on day 6 to bring all the students together again to raise our efforts about the awareness on depletion of ozone layer. Protecting ozone layer is not only the responsibility of academic community but also the responsibility of every citizen. Hence, we planned to organize a rally which is the only way to commemorate the seriousness of the issue massively.

A rally was started by Dr.D Uma Rani, Principal, Dr.K.V Santha Kumari, Vice Principal. All the faculty members of Physics & Chemistry Departments along with other faculty members followed the procession along with the other faculty members and students. The rally continued to main centre and main streets of Avangadda.



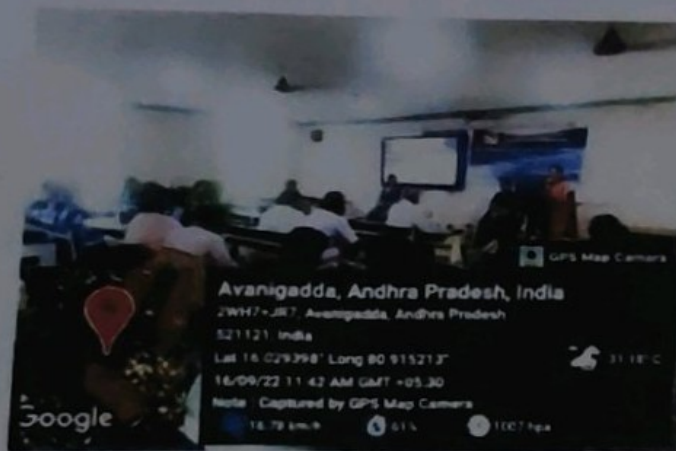
**INTERNATIONAL DAY FOR THE PRESERVATION OF OZONE LAYER
CELEBRATIONS – Valedictory**

16th SEPTEMBER 2022

Organised by
Departments of Physics, Chemistry, Eco Club & Physics Club



Principal Dr. Uma Rani Garu is Addressing the Gathering




Vice Principal Dr. K.V. Santha Kumari Garu delivering her message



Smt.K.sujatha garu, Lec. in chemistry giving briefing about Ozone depletion



Dr.P.B.Sandhya Sri garu, Lec. in Physics giving brief report of one week programme


Principal
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