

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 AvaniGadda, Krishna Dt. 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	Pledge	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



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

The main sources for CFC & HFC are cooling appliances. The gases filled in cooling appliances release CFC & HFC. But eco - friendly gasses 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 Avanigadda planned an awareness program to the mechanics of cooling appliances. As a part of this, the students of clubs went to Yamuna Electronics 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.

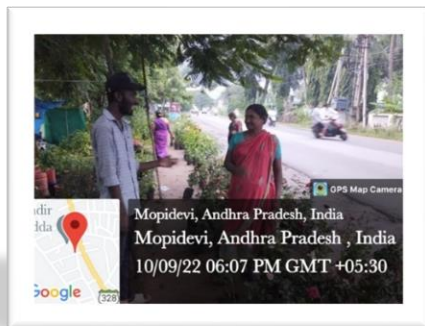


Physics Club & Eco Club Members with their club members explaining to Sri.T.Nageswara Rao garu, Technical person, refrigerators about the gases



Day 2 Programme Awareness Program to Plant Nurseries for Promoting NASA Recommended More Oxygen Releasing Plants

As Plants are the main sources for absorbing Greenhouse gases, the physics & Eco clubs of GDC Avanigadda planed to aware nursery owners to promote plants which absorb green gases effectively like areca palm etc. We also met forest department people requested to plant neem, peepal, Ashoka, Jamun trees etc on road side, as high amount of green gases are released due to vehicles.



Physics & Eco Club Faculty & Student Members giving awareness to Nursery workers about plants recommended by NASA Clean Air Study



Day 3 Programme

Mega Plantation at 75 Different Places

Organised by Eco & Physics Clubs

As per the theme of “Ozone Day – 2022” – “Global Cooperation Protecting Life on Earth” we have designed an innovative programme. or protecting life on earth oxygen is the only source i.e plant is the only source. Plantation at different places on globe definitely justifies 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 AMRITH MAHOTSAV” we aimed for plantation at 75 different places from NRIs also. We received 75 responses from UK, Germany, US and other states of 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 respondent on 16th of every month. The aim is not to confine the activity for not a particular day and to extend it for every day.

Responses Sheet

Link https://docs.google.com/spreadsheets/d/1OK9q8vZyZc33labF7xgOnmR23CgHbvFH-NP_2fdROBw/edit#gid=496551433

Response from Our VC sir



Response from Other Countries

GERMANY



UK



US



Response from Other States

KARNATAKA



MEGHALAYA



TELANGANA



Response from Other Districts

Chittor



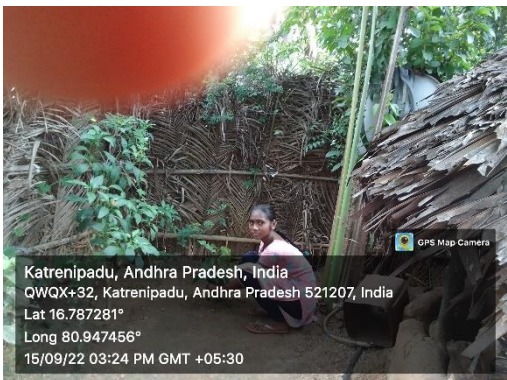
East Godavari



Guntur



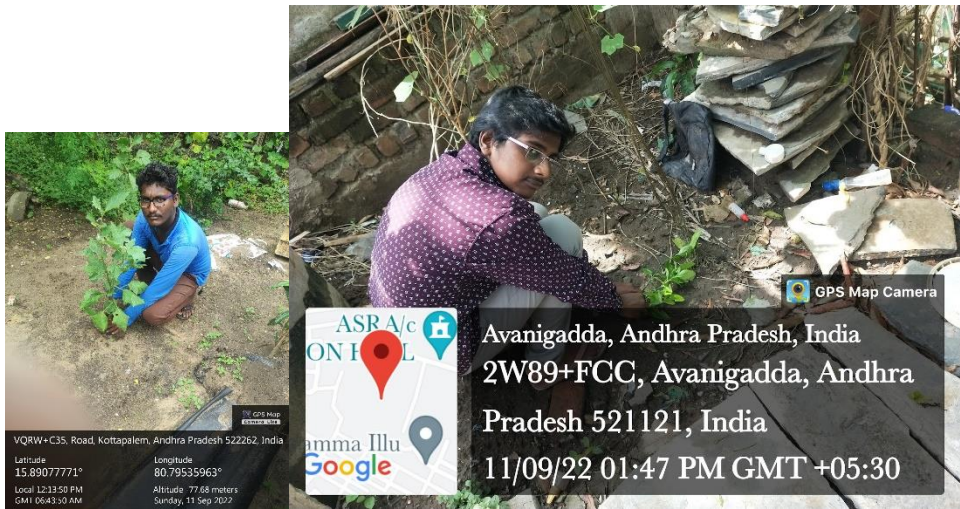
West Godavari



NTR



Krishna



Response from Pedana ZP High School



Response from a Couple – Mrs & Mr. B.Bujji 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 AMRITH 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.G.V.A. Prasad, Department of Physics, PR Govt.Degree College(A), Kkinada, expert in this field.

Question paper link

https://docs.google.com/forms/d/e/1FAIpQLSfIeoMwpJtNabYjC4j-QbumEjJnRdTOCgz8pufrMSoEeu169Q/viewform?usp=sf_link

Response Sheet link

https://docs.google.com/spreadsheets/d/1yaKpVmC21XWaJkAcE-FmyUZZdZeKpvKn4_oA-IYPgt4/edit#gid=1101201698

Day 5 Programme

PLEDGE

Organised by

Departments of **Physics & Chemistry**

నేను.....ప్రపంచ ఓజోన్ పరిరక్షక దినోత్సవం సందర్భంగా—కాలుష్య కారక విషవాయువులను వాతావరణంలో తగింప జేసేలా ప్రయత్నిస్తానని, జీవకోటి ని రక్షిస్తానని, ప్రాణకోటికి ప్రకృతి అందించిన రక్షణ కవచమైన ఓజోన్ పొర ను కంటికి రెప్పలా కాపాడుకుంటానని, సర్వజీవరాసులకు తలెత్తే ముప్పు నుండి రక్షిస్తానని, దరిత్ర రక్షణలో ఒక సైనికుడిలా వారానికి కనీసం 2 గంటలు పనిచేస్తానని, సింగిల్ యూజ్ ప్లాస్టిక్ పదార్థాలను పూరిగా నిషేధిస్తానని, పరావరణ పరిరక్షణ లో పూరిగా భాగస్వామినౌతానని ఇందుమూలంగా ప్రతిజ్ఞ చేస్తున్నాను.





A rally has been conducted by the Departments of Physics & Chemistry on day 5 to bring all the students together again to renew our effort 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 organise a rally which is the only way to communicate 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 Avanigadda



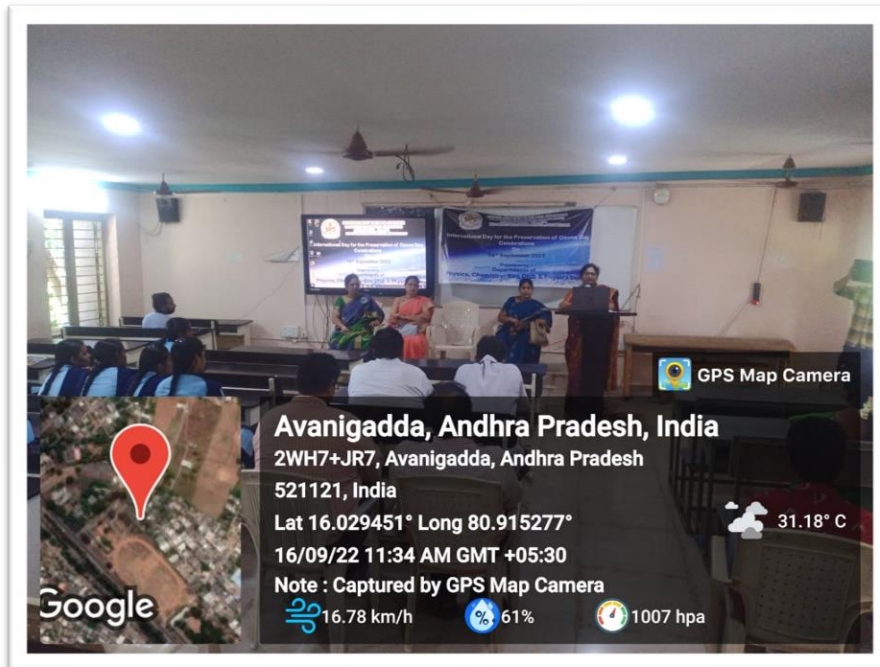
INTERNATIONAL DAY FOR THE PRESERVATION OF OZONE LAYER CELEBRATIONS – Valedictory

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Organised by

Departments of **Physcis. Chemistry, Eco Club & Physcis Club**



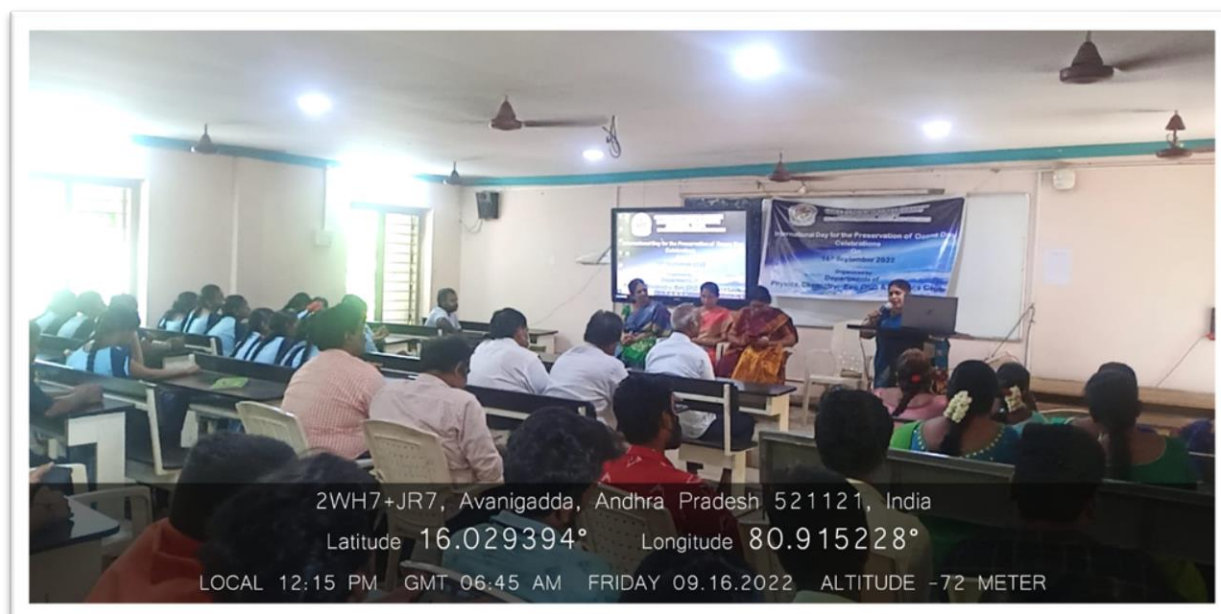
Principal Dr. Uma Rani Garu is Addressing the Gathering



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