



LIFE
Lifestyle for Environment



KALINGA UNIVERSITY
RAIPUR INDIA

ENVIROTHON 2024

ON TRASH TO TREASURE

FOR CELEBRATING "WORLD OZONE DAY 2024"

 **16th September 2024**

**Montreal Protocol:
Advancing Climate Action**



Organized by

Chhattisgarh Environment Conservation Board
Government of Chhattisgarh

in collaboration with

Kalinga University
Naya Raipur, Chhattisgarh, India



Theme for World Ozone Day 2024 is
Montreal Protocol: Advancing Climate Action



CASH PRIZES
worth
INR 1,01,900/-



"SOLUTIONS FOR WASTE UTILIZATION"

SCOPE

- Municipal Waste
- Electronic Waste
- Plastic Waste
- Battery Waste
- Industrial Waste

**REGISTRATION
FREE**

OBJECTIVES

- Finding innovative solutions for implementation at the grassroots level.
- Identifying valuable resources in waste streams & multidimensional solutions for their utilization.
- Create value of waste in supply chains; explore the additional market.



ELIGIBLE PARTICIPANTS

- Category 1: School students
- Category 2: Undergraduate/Postgraduate students

*Students are allowed to participate in teams of minimum two and maximum five members.

* Each Team have to present their model / ideas / concept within seven minutes.

**SCAN QR CODE
FOR REGISTRATION**





TIMELINE




Opening of registration:	01.09.2024
Last date of registration:	10.09.2024
Envirothon:	16.09.2024
Declaration of result:	16.09.2024



MODE

Envirothon 2024 will be held in OFFLINE MODE on 16th September 2024 commencing at 10:00 AM onwards.

AWARDS

-  1st will be awarded as INR 11,000/-
 -  2nd will be awarded as INR 9,000/-
 -  3rd will be awarded as INR 7,500/-
- Five Consolation Prizes for each Category INR 1,500/-
- Original ideas will be awarded cash prizes for each category.

Supported by CEGB



VENUE

**Pandit Deen Dayal
Upadhyay Auditorium,
Raipur (C.G.)**

CONTACT DETAILS

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ABOUT THE EVENT

OZONE DEPLETION AND THE “OZONE HOLE”

In the mid-1970s, scientists realised that the ozone layer was threatened by the accumulation of gases containing halogens (chlorine and bromine) in the atmosphere. Then, in the mid-1980s, scientists discovered a “hole” in the ozone layer above Antarctica – the region of Earth’s ATMOSPHERE WITH SEVERE DEPLETION.

SO, WHAT CAUSES THE THINNING OF THE OZONE LAYER AROUND THE GLOBE AND THE “OZONE HOLE” ABOVE ANTARCTICA?

Manmade chemicals containing halogens were determined to be the main cause of ozone loss. These chemicals are collectively known as ozone-depleting substances (ODSs). ODSs were used in literally thousands of products in people’s daily lives around the world. The most important ODSs were chlorofluorocarbons (CFCs), which at one time were widely used in air conditioners, refrigerators, aerosol cans, and in inhalers used by asthma patients. Other chemicals, such as hydrochlorofluorocarbons (HCFCs), halons and methyl bromide also deplete the ozone layer. Most of our computers, electronics and parts of our appliances were cleaned with ozone-depleting solvents. Car dash boards, insulation foams in our houses and office buildings, water boilers and even shoe soles were made using CFCs or HCFCs. Offices, computer facilities, military bases, airplanes and ships extensively used halons for fire protection. A lot of the fruit and vegetables we ate were fumigated by methyl bromide to kill pests.

HOW DO THESE CHEMICALS DEplete OZONE?

When a CFC molecule reaches the stratosphere, it eventually absorbs UV radiation, causing it to decompose and release its chlorine atoms. One chlorine atom can destroy up to 100,000 ozone molecules. Too many of these chlorine and bromine reactions disrupt the delicate chemical balance that maintains the ozone layer, causing ozone to be destroyed faster than it is created.



Campus : Kalinga University, Kotni, Near Mantralaya, Naya Raipur - 492101, Chhattisgarh.