

Dr.Ambedkar College Deekshabhoomi, Nagpur

Department Of Chemistry

Date: 15/09/2022

World Ozone Day-2022

Ozone Day celebrates every year on 16 th September worldwide.

The **Chemistry Department** of the college has organized Guest lecture to celebrate the “**World Ozone Day-2022**”.

The guest speaker is **Dr. Sangita Goel, Principal Scientist ,CSIR NEERI , Nagpur.**

The Topic of the Lecture is “**Ozone Layer Depletion causes and present status**”.

Students of Chemistry Department should participate and share their ideas about Ozone day through **Power Point Presentations.**

All the Chemistry Students and Faculties are requested to attend the Guest lecture in the Auditorium on **20 /09/2022.**

Program Coordinator



Dr. V.M. Shivankar

Professor

Department of Chemistry

Head




Dr. D.Y. Panhekar

Professor

Department of Chemistry

Principal



Dr. B. A. Mehere

**PRINCIPAL
DR. AMBEDKAR COLLEGE
NAGPUR.**



Celebration of **World Ozone Day- 2022**

Organized by

Department of Chemistry,

Dr. Ambedkar College, Deekshabhoomi, Nagpur



16th- September 2022
Time: 12.30 PM



Guest Lecture on “Ozone Layer Depletion; cause and present status”

By

Dr. Sangita Goyal, Principal Scientist, CSIR NEERI, Nagpur

&

Power Point Competition on

World Ozone Day

Compose

Inbox 6,138

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Invitation for Guest lecture on World Oz



vidyadhar shivankar <vidyadharshivankar@gmail.com>

to s_goel

Respected Madam,

I am please to inform you that Chemistry Department of the Dr. Ambedkar
World Ozone Day-22. on 20/09/2022.at 12.30 pm.

We will highly obliged if you deliver guest lecture on world Ozone Day-22.

We hope that you will convey your consent for the same.

Thanking you

Regards

Dr. V. M. Shivankar

Professor, Chemistry Department

Dr. Ambedkar College Deekshabhoomi, Nagpur

Mob. no. 8999612330



Sangita Goel

to me

Dear Sir,

Thank you for the invitation. I will give the guest lecture as requested.

Dr. Ambedkar College, Deekshabhoomi, Nagpur

Report

World Ozone Day- 2022

Organized by

Department of Chemistry

The Chemistry Department of the college has organized World Ozone Day 2022 on 20th September 2022 at Dr. Ambedkar College Deekshabhoomi, Nagpur. The Chief Guest for this function was Dr. Sangita Goel, Principal Scientist, CSIR NEERI Nagpur.

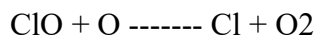
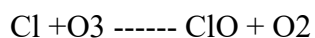
The Topic for this lecture was “Ozone Layer Depletion; cause and present status” The Principal of the college Dr. Mrs. B.A. Mehere has chair this function. Dr. V.M. Shivankar, Professor Department of Chemistry was the Program Coordinator. Faculties of the Department and more than 200 Chemistry students were attended this Ozone Day celebration program on the occasion of World Ozone Day 2022. Dr. Mrs. B.A. Mehere has given welcome address.

Dr. Sangita Goel in her lecture cover all points regarding Environmental imbalance, said that environmental & Health Aspects of Stratospheric Ozone layer Depletion. Also explain importance of the Ozone layer. Ozone layer is a stratosphere which is layer of atmosphere around the earth. Colour of layer of atmosphere can be seen from interaction space station.

She also explained about Ozone which is highly reactive form of oxygen. O₃ exist in both Tropospheric and Stratospheric zones of earth atmosphere and how there is formation of ozone in Troposphere has shown highest ozone level recorded at various place in India. Hefocusses on Health effect of Tropospheric ozone. There is formation and Depletion of O₃ layer 5.48 min.

She has shown videos of ozone layer Depletion which was very informative. Overall ozone layer is around the earth. Average thickness of ozone layer is 300 Dobson unit or 30 mms thick. She explained cause of degeneration of Ozone of Ozone layer. The rate of breakdown is faster than the formation therefore it layer becomes thin Cl₂F₂C, Br₂F₂C Nitrous oxide deplete the Ozone layer, these are widely used electronic instruments in Ac, Fridge, Car etc. Chemical reactions of Cl₂F₂C deplete the Ozone layers.

Dr. Sangita Goel, Principal Scientist also suggest the remedies on this how to solve problems of Ozone destruction. He has given the statistical data and up to 50 percent destruction of CFC by 1918. He explained the impact of Ozone layer depletion causes Skin cancer and genetic damages. Depletion of layer of region is called Ozone Hole.



UV radiation in sun light and Health impact of UV radiation on human life. Finally, he said that Ozone hole is responsible to climate change and Global warming. Due to ozone hole UV radiation directly come to the earth and affect the human health.

After her very informative lecture, **Power Point Presentations** of Students were conducted on Ozone Day. Following B.Sc. students were participated in the **Power Point Competition**.

1. Mayuri Deshmukh, 2. Sudhansh Cinthray 3. Shriya Vyas 4. Saniya Dohone
5. Harshita hingnekar 6. Astha Thakare 7. Shreya Gajbhiye 8. Chaitali Manwar 9. Shrawani Dhoke 10. Ekta naik 11. Anushka Gandhare

Dr. V.M. Shivankar has given the vote of thanks. All Chemistry faculties Dr. D.Y. Panhekar, Dr. N.G. Telkapalliwar., Dr. Mrs. D.M. Borikar, Dr. Sawant and Prof. Parag Panse has attended this program. More than hundred and fifty students have attended this guest lecture.

Photos of Ozone Day Program



43J9+49X, Vasant Nagar, Nagpur, Maharashtra 440010, India
Nagpur
Maharashtra
India
2022-09-20(Tue) 12:50(PM)



43J9+49X, Vasant Nagar, Nagpur, Maharashtra 440010, India
Nagpur
Maharashtra
India
2022-09-20(Tue) 12:51(PM)



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India
2022-09-20(Tue) 12:49(PM)



43J9+JF4, Nagpur, Maharashtra 440010, India
Nagpur
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2022-09-20(Tue) 01:05(PM)



Deekshabhoomi, Nagpur, Maharashtra 440010, India
Nagpur
Maharashtra
India
2022-09-20(Tue) 01:02(PM)



43J9+JF4, Nagpur, Maharashtra 440010, India
Nagpur
Maharashtra
India
2022-09-20(Tue) 02:01(PM)

Power Point Presentations of Students



43JB+CRH, Central Bazar Road, Dharampeth, Nagpur, Maharashtra 440010, India

Nagpur
Maharashtra
India

32°C
90°F

2022-09-20(Tue) 01:46(PM)



585, Central Bazar Road, Shankar Nagar, East Shankar Nagar, Nagpur, Maharashtra 440010, India

Nagpur
Maharashtra
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2022-09-20(Tue) 01:43(PM)



565, Central Bazar Road, Shankar Nagar, East Shankar Nagar, Nagpur, Maharashtra 440010, India

Nagpur
Maharashtra
India

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585, Central Bazar Road, Shankar Nagar, East Shankar Nagar, Nagpur, Maharashtra 440010, India

Nagpur
Maharashtra
India

32°C
90°F

2022-09-20(Tue) 01:41(PM)



43J9+49X, Vasant Nagar, Nagpur, Maharashtra 440010, India

Nagpur
Maharashtra
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2022-09-20(Tue) 01:38(PM)



43J9+49X, Vasant Nagar, Nagpur, Maharashtra 440010, India

Nagpur
Maharashtra
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2022-09-20(Tue) 01:35(PM)

Students' interaction with Guest Speaker




43J9+49X, Vasant Nagar, Nagpur, Maharashtra 440010, India

Nagpur
Maharashtra
India

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2022-09-20(Tue) 01:30(PM)



2022-09-20(Tue) 01:28(PM)




585, Central Bazar Road, Shankar Nagar, East Shankar Nagar, Nagpur, Maharashtra 440010, India

Nagpur
Maharashtra
India

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2022-09-20(Tue) 01:58(PM)



Certificates of the power point presentations

