

**Bahujan Hitay Jagat Shikshan Sanstha Gondiya's**  
**JAGAT ARTS COMMERCE & INDIRABEN HARIHARBHAI**  
**PATEL SCIENCE COLLEGE, GOREGAON-441801 DIST-GONDIA**  
**INTERNAL QUALITY ASSURANCE CELL (IQAC) & DEPARTMENT OF BOTANY**

**Report on**

**'e-QUIZ ON COVID-19 AWARENESS PROGRAMME'**

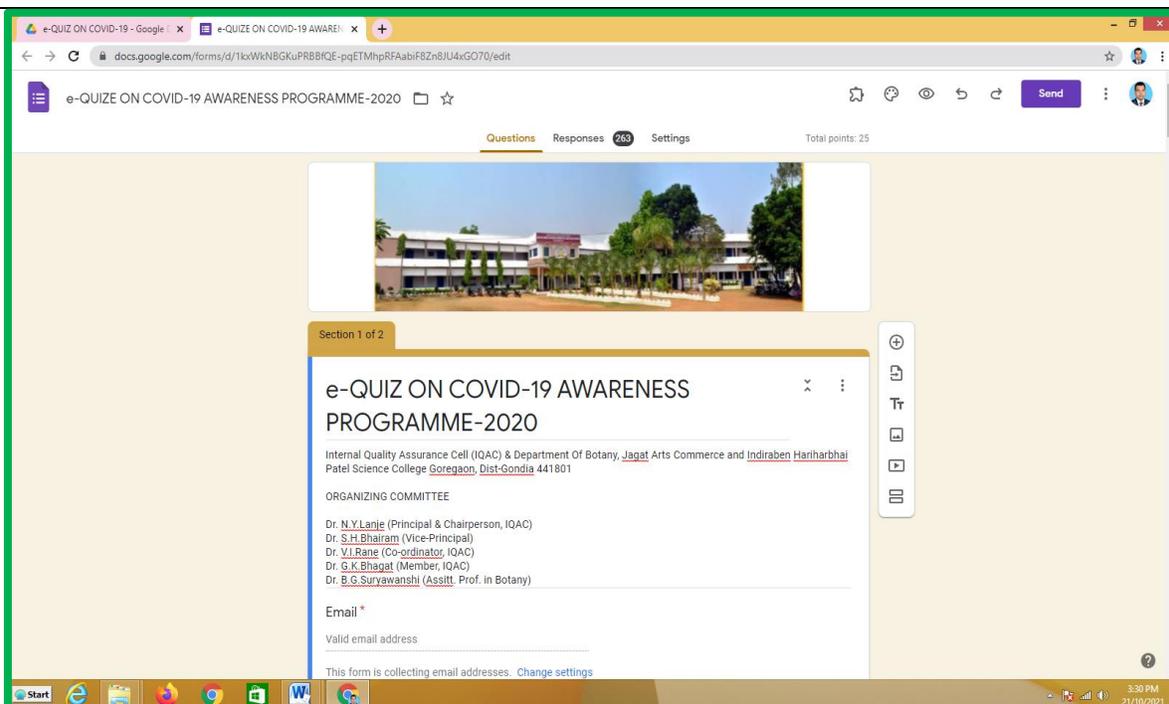
**Introduction:**

Coronaviruses are a large family of viruses, some cause illness in humans, and others cause illness in animals, such as bats, camels, and civets. Human coronaviruses cause mild illness, such as the common cold. Severe acute respiratory syndrome (SARS) is a viral respiratory illness caused by a coronavirus, called SARS-associated coronavirus (SARS-CoV). Previous Coronaviruses have included SARS- CoV and MERS-CoV. Severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) is a new strain of coronavirus that has not been previously identified in humans.

The most likely ecological reservoirs for coronaviruses are bats, but it is believed that the virus jumped the species barrier to humans from another intermediate animal host. This intermediate animal host could be a domestic food animal, a wild animal, or a domesticated wild animal which has not yet been identified.

The virus that causes **COVID-19** is known as SARS-CoV-2. It appears to have first emerged in Wuhan, China, in late 2019. The outbreak has since spread across China to other countries around the world. By the end of January, the new coronavirus had been declared a public health emergency of international concern by the WHO. The most commonly reported symptoms include a fever, dry cough and tiredness, and in mild cases people may get just a runny nose or a sore throat. In the most severe cases, people with the virus can develop difficulty breathing, and may ultimately experience organ failure. Some cases are deadly affected. Hence a quiz was organized on 30<sup>th</sup> April, 2020 by IQAC and Deptt. of Botany of our college to bring awareness among students and society. Total 263 number of participants were attended the quiz.

**Screenshot of quiz shows the home page of Google form and organizing committee**



## Screenshot of quiz shows total number of responses and summary

The screenshot shows the 'Responses' tab of a Google Form. At the top, it indicates '263 responses' and 'Total points: 25'. A red banner states 'Not accepting responses' is turned on. Below this, a message for respondents says: 'This form is no longer accepting responses, and has been set to automatically close by'. The 'Insights' section features a bar chart titled 'Total points distribution' showing the number of respondents for each score from 0 to 25. The chart shows a peak at 18 points.

Metric	Value
Average	18.02/25 points
Median	19/25 points
Range	2-25 points

## Screenshot of quiz shows responses collected in spreadsheet

The screenshot shows a Google Sheet with the following columns: Timestamp, Score, Full Name, Enter Your Mobile No., 1) Viruses found as, 2) Most viruses have the, 3) The nucleic acid of a v, 4) Viruses multiplied by, 5) COVID-19 means, and 6) Corona named on t. The table contains 28 rows of response data.

Timestamp	Score	Full Name	Enter Your Mobile No.	1) Viruses found as	2) Most viruses have the	3) The nucleic acid of a v	4) Viruses multiplied by	5) COVID-19 means	6) Corona named on t
30/04/2020 15:26:03	25 / 25	Vijaykumar I. Rane	9423606531	Both of above	RNA or DNA	Protein	Using system of host cell	Corona virus disease-19	Crown
30/04/2020 16:01:54	21 / 25	Rajni mankar	7030262327	Both of above	RNA	Protein	Using system of host cell	Corona virus disease-19	Coronary
30/04/2020 16:21:35	25 / 25	Dr.Wasudha Jagdish Meshram	9421809859	Both of above	RNA or DNA	Protein	Using system of host cell	Corona virus disease-19	Crown
30/04/2020 16:34:57	17 / 25	Manishkumar B. Choudhari	9764649035	Living	RNA	Protein	Using system of host cell	Cronic viral diseases-19	Cronic
30/04/2020 17:03:09	21 / 25	GAJADHAR KHUSHAL BHAGAT	9922929322	Non living	RNA or DNA	Protein	Using system of host cell	Corona virus disease-19	Crown
30/04/2020 17:17:19	8 / 25	A	A	Both of above	RNA	Pectic acid	Using own system	All answers are correct	Cronic
30/04/2020 17:20:42	18 / 25	Jitendra bhmeshwar Chapekar	9325692324	Non living	RNA or DNA	Protein	Using system of host cell	Corona virus disease-19	Cronic
30/04/2020 17:20:59	14 / 25	Bhmeshwari Giridhari Kolhe	8806481865	Both of above	RNA	Cellulose	Using own system	Corona virus disease-19	None of these
30/04/2020 17:22:55	22 / 25	ARUN ZINGARE	9422134578	Both of above	RNA or DNA	Protein	Using system of host cell	Corona virus disease-19	Crown
30/04/2020 17:23:01	14 / 25	Dinesh Sharadrao Ghatol	9923859872	Non living	DNA	Cellulose	None of these	Corona virus disease-19	Crown
30/04/2020 17:24:11	16 / 25	Dr.Ritesh Ramdasjiji Naik	7020723473	Both of above	RNA or DNA	Protein	Using system of bacteria	Corona virus disease-19	Crown
30/04/2020 17:24:53	19 / 25	Dr.S D Borkar	9422831834	Non living	RNA	Protein	Using system of host cell	Corona virus disease-19	Crown
30/04/2020 17:24:54	22 / 25	Dr. Sangita D. Katre	7588245027	Both of above	RNA	Protein	Using system of host cell	Corona virus disease-19	Crown
30/04/2020 17:24:56	12 / 25	Kajal diwate	7020380932	Both of above	RNA or DNA	Pectic acid	Using system of host cell	Corona virus disease-19	None of these
30/04/2020 17:25:00	15 / 25	Dr.Devendra Kunjilal Bisen	9422131440	Both of above	RNA or DNA	Pectic acid	Using system of host cell	Corona virus disease-19	None of these
30/04/2020 17:25:32	19 / 25	ATUL S. MAHANT	8007490719	Both of above	RNA or DNA	Cellulose	Using system of host cell	Corona virus disease-19	Crown
30/04/2020 17:26:07	20 / 25	Surbhi G. Rahangdale	9552201292	Non living	RNA or DNA	Protein	Using system of host cell	Corona virus disease-19	Crown
30/04/2020 17:26:08	18 / 25	Megha Radhelal Patle	9834471205	Non living	RNA	Protein	Using system of host cell	Corona virus disease-19	Coronary
30/04/2020 17:27:26	11 / 25	Sanjay Mahadeo Meshram	9325343494	Non living	RNA	Protein	Non		
30/04/2020 17:29:23	19 / 25	Prashant Jambhulkar	9604194937	Both of above	RNA or DNA	Cellulose	Usir		
30/04/2020 17:31:53	21 / 25	Sharad Deshmukh	9423075633	Both of above	RNA or DNA	Protein	Usir		
30/04/2020 17:32:18	17 / 25	Ratna Sarkar	9823844334	Non living	RNA	Protein	Usir		
30/04/2020 17:34:01	19 / 25	Vishal Thawara Rathod	7083984166	Both of above	RNA	Protein	Usir		
30/04/2020 17:35:05	23 / 25	Sunil Mansaram Akare	9403357725	Both of above	RNA or DNA	Protein	Usir		
30/04/2020 17:40:29	20 / 25	Dr. Vijaya Harikeshchandra Raut	9922812798	Non living	RNA or DNA	Protein	Usir		
30/04/2020 17:40:36	25 / 25	Nandini Jagdish Meshram	8788176429	Both of above	RNA or DNA	Protein	Using system of host cell	Corona virus disease-19	Crown
30/04/2020 17:41:40	20 / 25	Vidva M Thaoakar	9422714986	Non living	RNA or DNA	Protein	Using system of host cell	Corona virus disease-19	Crown

## Screenshot of quiz shows multiple choice questions

Inbox (3,667) - vijay1968rane@... x e-QUIZ ON COVID-19 - Google x e-QUIZ ON COVID-19 AWARE... x

docs.google.com/forms/d/1kxWkNBGKuPRBBfQE-pqETMhpRFAabif8Zn8JU4xGO70/edit

e-QUIZ ON COVID-19 AWARENESS PROGRAMME-2020

Questions Responses 268 Settings Total points: 25

After section 1 Go to section 2 (All Questions are ... Multiple Choice)

Section 2 of 2

All Questions are Based on Multiple Choice x

Each question carry one mark. All question are related to covid-19.

1) Viruses found as \*

- Living
- Non living
- Both of above
- None of above

2) Most viruses have their genetic material as \*

- RNA
- DNA
- RNA or DNA
- None of above

Start Edge Firefox Chrome Word PowerPoint

4:08 PM 21/10/2021

## Certificate was provide for the participant

Jagat Arts Commerce and Indiraben Hariharbhai Patel Science  
College Goregaon, Dist-Gondia 441801

**CERTIFICATE**

This certificate goes to  
**Dr. Vijaykumar I. Rane**

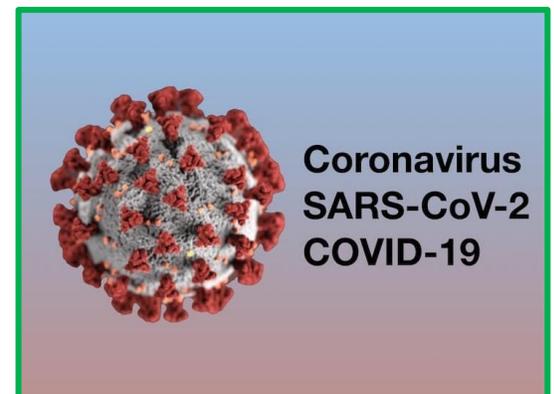
Has participated in the "e-QUIZ ON COVID-19, 2020 AWARENESS PROGRAMME on {{date}} " jointly organized by **Internal Quality Assurance Cell (IQAC) & Department of Botany** of our college for commitment to discharge the service to the nation as responsible citizen.

**Dr. V. I. Rane**  
Co-ordinator (IQAC)

**Dr. N. Y. Lanje**  
Principal (Chairperson, IQAC)

GOREGAON  
Estd. 1992

## Micrograph of coronavirus

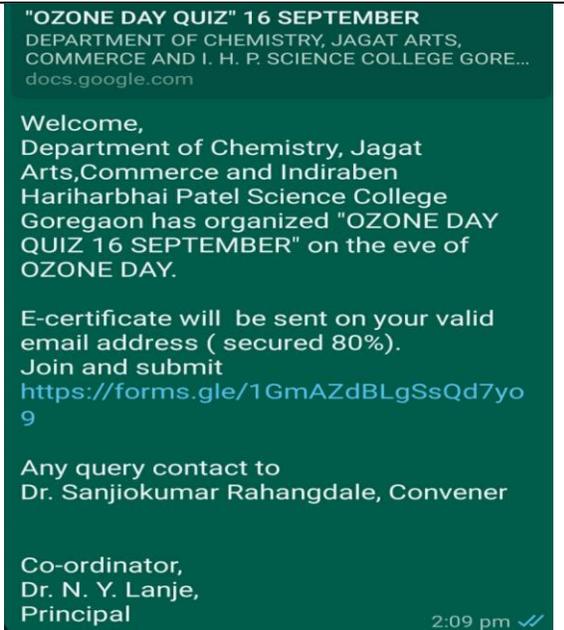
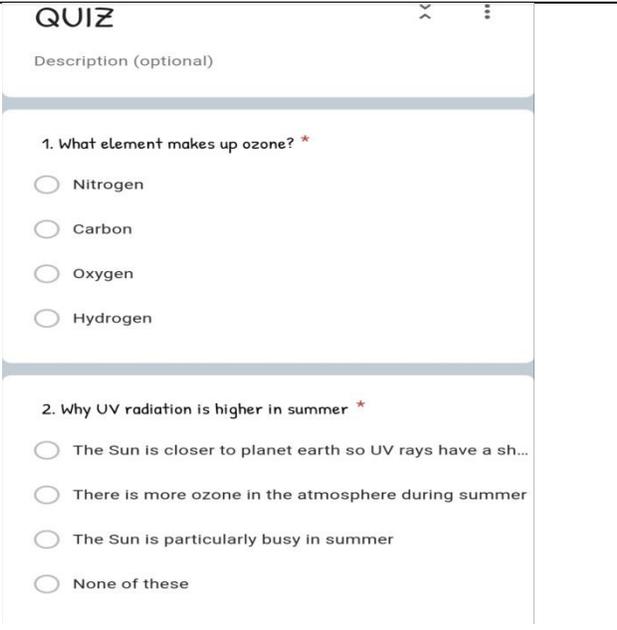


**Bahujan Hitay Jagat Shikshan Sanstha Gondia's**

**JAGAT ARTS, COMMERCE AND INDIRABEN HARIHARBHAI PATEL SCIENCE COLLEGE, GOREGAON-441801 DIST-GONDIA**

**Brief report of "OZONE DAY QUIZ" 16 SEPTEMBER 2020**

**Introduction:** Department of Chemistry, Jagat Arts, Commerce and Indiraben Hariharbhai Patel Science College Goregaon has organized "OZONE DAY QUIZ 16 SEPTEMBER" on the eve of OZONE DAY. E-certificate sent on valid email address within 15 days. The link is <https://forms.gle/1GmAZdBLgSsQd7yo9>. Total participants were 300 from various schools and colleges.

 <p><b>"OZONE DAY QUIZ" 16 SEPTEMBER</b> DEPARTMENT OF CHEMISTRY, JAGAT ARTS, COMMERCE AND I. H. P. SCIENCE COLLEGE GORE... <a href="https://forms.gle/1GmAZdBLgSsQd7yo9">docs.google.com</a></p> <p>Welcome, Department of Chemistry, Jagat Arts, Commerce and Indiraben Hariharbhai Patel Science College Goregaon has organized "OZONE DAY QUIZ 16 SEPTEMBER" on the eve of OZONE DAY.</p> <p>E-certificate will be sent on your valid email address ( secured 80%). Join and submit <a href="https://forms.gle/1GmAZdBLgSsQd7yo9">https://forms.gle/1GmAZdBLgSsQd7yo9</a></p> <p>Any query contact to Dr. Sanjiokumar Rahangdale, Convener</p> <p>Co-ordinator, Dr. N. Y. Lanje, Principal</p> <p>2:09 pm ✓✓</p>	 <p><b>QUIZ</b></p> <p>Description (optional)</p> <p>1. What element makes up ozone? *</p> <p><input type="radio"/> Nitrogen</p> <p><input type="radio"/> Carbon</p> <p><input type="radio"/> Oxygen</p> <p><input type="radio"/> Hydrogen</p> <p>2. Why UV radiation is higher in summer *</p> <p><input type="radio"/> The Sun is closer to planet earth so UV rays have a sh...</p> <p><input type="radio"/> There is more ozone in the atmosphere during summer</p> <p><input type="radio"/> The Sun is particularly busy in summer</p> <p><input type="radio"/> None of these</p>
<p>Link was circulated for participants</p>	<p>Questionari for participants</p>

<p>3. Which product contain ozone depleting substances?1. * Motorbike 2. Car with AC 3. Spray 4. Oven 5. Refrigerator 6. Pesticides 7. Fire extinguisher</p> <p><input type="radio"/> 1,2,3,4,5,6</p> <p><input type="radio"/> 2,3,4,6,7</p> <p><input type="radio"/> 2,4,5,6,7</p> <p><input type="radio"/> 2,3 4,5,6,7</p> <hr/> <p>4. When was the first ozone hole discovered? *</p> <p><input type="radio"/> 1980s</p> <p><input type="radio"/> 1950s</p> <p><input type="radio"/> 1970s</p> <p><input type="radio"/> 1990s</p> <hr/> <p>5. In which sphere ozone layer depletion is found? *</p> <p><input type="radio"/> Stratosphere</p>	<p><input type="radio"/> Lithosphere</p> <p><input type="radio"/> None of these</p> <hr/> <p>6. Which of the following is a prime health risk associated * with greater UV radiation through the atmosphere due to the depletion of the ozone layer?</p> <p><input type="radio"/> Damage to the digestive system</p> <p><input type="radio"/> Increased risk of liver cancer</p> <p><input type="radio"/> Increased risk of skin cancer</p> <p><input type="radio"/> Neurological disorder</p> <hr/> <p>7. Montreal protocol is related to the: *</p> <p><input type="radio"/> Global warming</p> <p><input type="radio"/> Ozone layer depletion</p> <p><input type="radio"/> Sustainable development</p> <p><input type="radio"/> Food security</p>
<p>8. What type of UV radiation does most sunscreen * protect against.</p> <p><input type="radio"/> UVC</p> <p><input type="radio"/> UVB</p> <p><input type="radio"/> UVD</p> <hr/> <p>9. CFCs are green house gases that have caused a rise of * 3 degree C in the global temperature in the past century. Name the CFC that is used in refrigerator.</p> <p><input type="radio"/> Carbon dioxide</p> <p><input type="radio"/> Methane</p> <p><input type="radio"/> Ammonia</p> <p><input type="radio"/> Freon</p> <hr/> <p>10. How much ozone can one kilogram of halon 1211 * destroy?</p> <p><input type="radio"/> 1 kilogram</p>	<p><input type="radio"/> 100 tonnes</p> <p><input type="radio"/> 50 kilograms</p> <p><input type="radio"/> 50 tonnes</p> <hr/> <p>11. What is the difference between synthetic greenhouse * gases and other green house gases.</p> <p><input type="radio"/> a. Green house gases are found in green houses, synt...</p> <p><input type="radio"/> b. Green house gases occur naturally and through hu...</p> <p><input type="radio"/> c. Synthetic green house gases all contain silicon, oth...</p> <p><input type="radio"/> Both a. and b.</p> <hr/> <p>12. Which is correct one ? *</p> <p><input type="checkbox"/> Ozone layer would be 3 mm thick.</p> <p><input type="checkbox"/> Clouds can block some but not all of UV radiation.</p> <p><input type="checkbox"/> About 1 million cases are reported yearly in US.</p> <p><input type="checkbox"/> Stay out of the Sun between 11 AM - 3 PM to protect y...</p>
<p>Questionari for participants</p>	<p>Questionari for participants</p>

**Aims and Objective:** The Ozone layer is a piece of the atmosphere that has high ozone concentrations. Ozone is a gas that is made of three oxygen atoms, O<sub>3</sub>. Depending on where the ozone layer is, it can either harm life or protect life on Earth.



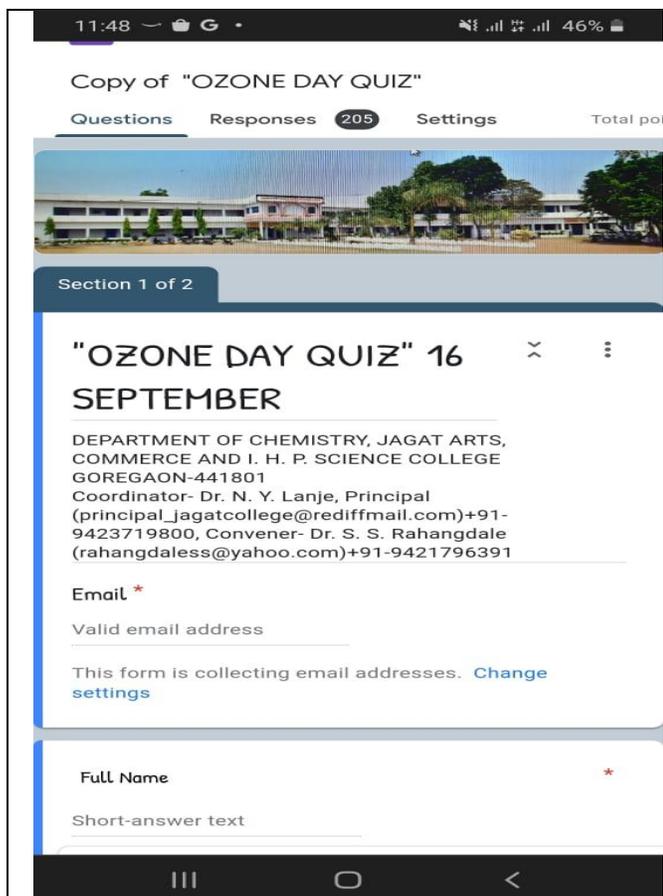
**Brief report of "OZONE DAY QUIZ" 16<sup>th</sup> SEPTEMBER 2021**

**Introduction:**

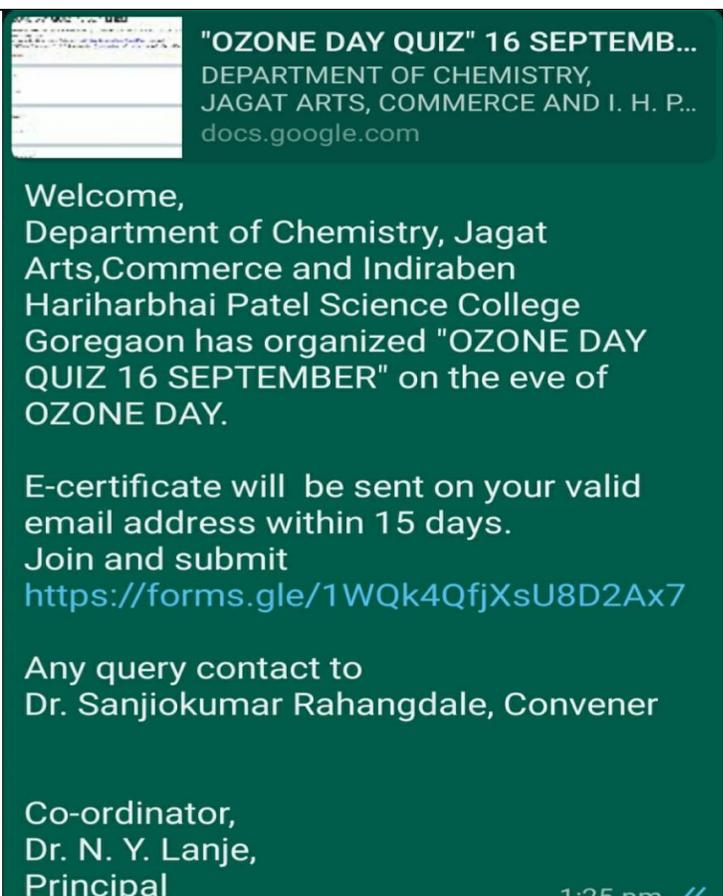
Department of Chemistry, Jagat Arts, Commerce and Indiraben Hariharbhai Patel Science College Goregaon has organized "OZONE DAY QUIZ 16 SEPTEMBER" on the eve of OZONE DAY. E-certificate sent on valid email address within 15 days. The link is <https://forms.gle/1WQk4QfjXsU8D2Ax7>. Total participants were 205 from various schools and colleges.

**Aims and Objective:**

The ozone layer, a fragile shield of gas, protects the Earth from the harmful portion of the rays of the sun, thus helping preserve life on the planet. The phase out of controlled uses of ozone depleting substances and the related reductions have not only helped protect the ozone layer for this and future generations, but have also contributed significantly to global efforts to address climate change; furthermore, it has protected human health and ecosystems by limiting the harmful ultraviolet radiation from reaching the Earth.



**Google Form with Responses**



**"OZONE DAY QUIZ" 16 SEPTEMBER...**  
DEPARTMENT OF CHEMISTRY,  
JAGAT ARTS, COMMERCE AND I. H. P...  
docs.google.com

Welcome,  
Department of Chemistry, Jagat  
Arts, Commerce and Indiraben  
Hariharbhai Patel Science College  
Goregaon has organized "OZONE DAY  
QUIZ 16 SEPTEMBER" on the eve of  
OZONE DAY.

E-certificate will be sent on your valid  
email address within 15 days.  
Join and submit  
<https://forms.gle/1WQk4QfjXsU8D2Ax7>

Any query contact to  
Dr. Sanjiokumar Rahangdale, Convener

Co-ordinator,  
Dr. N. Y. Lanje,  
Principal

1:25 pm ✓

**Link of Quiz**