

## **Green Report**

## 2021-22

## GOSWAMI GANESH DUTTA SANATAN DHARMA COLLEGE SECTOR 32 C, CHANDIGARH

Dr. Ajay Sharma Principal



## Goswami Ganesh Dutta Sanatan Dharma College, Sector 32 C, Chandigarh

### "Our Initiative is to make the Campus Green, Clean and Eco-Friendly"

The report on Green Campus has been compiled keeping in view the **SATAT** – the framework for ecofriendly and sustainable campus development in Higher Education Institutions, issued by UGC (New Delhi).

Keeping in mind that lockdowns have reduced access to human resources and other resources so more manpower is needed. So the committee was expanded.

Committee members of the Green Campus Report
Dr. Jyoti Kataria - Assistant professor (Department of Chemistry)
Dr. Mahak Sharma - Assistant professor (NSS In-charge, Department of Mathematics)
Dr. Shivani Saini- Assistant professor (Department of Botany)
Dr. Mamta Sharma - Assistant professor (Department of Chemistry)
Ms. Priyanka Mor - Assistant professor (Department of Chemistry)

Sub-committee members involved in data compilation
Dr. Kamna Singh- Assistant professor (Department of English)
Dr. Anuprabha- Assistant professor (Department of Botany)
Ms. Raveena Thakur - Assistant professor (Department of Chemistry)
Ms. Jasprit Kaur - Assistant professor (Department of Chemistry)

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Green campus is a combination of the environment and the campus world in its management. The concept of the environment which includes 3R (reduce, reuse, recycle), greening, Corporate social responsibility (CSR) and so on are combined with the campus concept which consists of the physical condition of the campus, campus location and the behaviour of campus residents. The green campus is an overall activity in environmental management in order to create a sustainable campus.

Goswami Ganesh Dutta Sanatan Dharma College is a 'Clean and Green Campus' for it has a very clean, green and beautiful landscape and plantations that provide an excellence environment for learning.

**Green Campus Committee:** The Institution has constituted a **Green Campus Committee** in order to protect and conserve ecological systems and resources within the campus. The holistic development of the students is possible only in a healthy and pollution-free green environment. The Green Campus Committee works with a strategic approach in coordination with College Environment Society 'HARITIMA' and NSS to maintain a healthy and eco-sustainable environment on the campus.

Vision: Safe and Eco-friendly sustainable campus

Mission: Set standards, adopt measures and educate the students and society about safe and eco-friendly environment

#### **Objectives of the Green Campus Committee**

#### 1. Promote a clean and green campus

- To formulate and implement single use plastic ban on campus.
- To formulate and implement policy for development of green areas on campus.
- To educate and sensitize the students, staff and faculty to environmental issues.

#### 2. Promote safety

- To carry out safety audit and improve safety against theft, fire and Covid-19 on campus.
- To educate and sensitize the students, staff and faculty regarding safety issues and train them to deal with safety-related emergencies.
- Women's safety to be emphasised by teaching students about self-defence in both online and offline life.

#### 3. <u>Energy Conservation</u>

- To carry out energy audit and improve energy efficiency on campus.
- To replace conventional energy sources with renewable energy sources such as solar electricity.
- To educate and sensitize the students, staff and faculty in energy conservation.



### **Campus Planning, Design and Development**

Efforts are being made to develop the campus on green concepts, particularly focusing on water conservation, use of alternative sources of energy, solid waste management, vermicomposting, green belt development and sustainable architectural designs of buildings. The campus is designed with several initiatives for reducing energy consumption and utilizing renewable natural resources such as installation of solar panels in the pipeline. We have tried our best that all safety measures related to curtailing to COVID are met.

- The campus is clean, green and safe (as mentioned in report for year 2019-20).
  - CCTV Surveillance
  - ➢ Fire safety
  - Administrative Building is constructed on the concept of a green building design
  - Digital campus

#### Covid safety measures and SOPs followed on campus from 2020 onwards

- Psychological Support to students during Covid Pandemic Conditions
- Social awareness on Covid-19 pandemic
- Creating awareness regarding new norms during the pandemic
- Breaking the myths and motivating students and community to get vaccinated





## Adoption of Special Code of Conduct and COVID specific SOPs on the campus

• The college drafted a special Code of Conduct for the faculty/staff and visitors. The code of conduct included the precautions to be taken while using library, laboratories and classrooms, in order to ensure safety of all, as per the guidelines and advisories issued by UGC, MHRD and DHE (Chandigarh).

## Following Covid appropriate sanitization & hygiene on campus

- Hand sanitizers have been placed at various spots for the convenience of staff members.
- All the staff members of the college were advised to avoid handshakes and were requested to frequently use sanitizers, or soaps to clean their hands.
- Mandatory thermal scanning of the staff and visitors at gate
- Compulsory noting of entry of visitors at the gate
- Fumigation and sanitization of hostels, administrative offices, automation cell, laboratories, classrooms, etc.

### Safety measures being followed on college campus- (in visuals):









Sanitization of all the departments, laboratories, staff room and canteen







### Adoption of Covid appropriate Norms of Physical distancing

- The norms of social distancing were followed in continuum with the Panjab University Chandigarh's Office Order which stated that the faculty is required to keep in touch with the students through telephone/online/social media and not to attend the College/Department physically, except in case of emergency.
- In view of the later notification issued by DHE (Chandigarh Administration), the college prepared a roaster for teaching and non-teaching staff to perform their duties on alternate days on rotational basis.









## Following Covid specific Work culture on campus

College has taken adequate measures and adopted Standard Operating Procedures laid down by Ministry of Health and family Welfare, GOI. These include:

- Thermal scanning at entry point
- Specific markings with a gap of 6 feet at gate for entry of staff/students
- Physical distancing
- Wearing of face masks is mandatory for staffInstallation of foot pedaled sanitizers at important locations







## **Installing Covid appropriate billboards & signage on campus**

Billboards and banners were displayed at entry gate and frequently visited places on the campus. The display boards conveyed a clear message regarding proper wearing of masks and maintenance of hand hygiene and social distancing rules as per the instructions issued by the government of India.



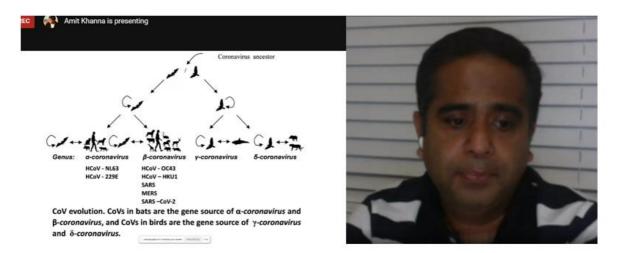
#### • Strengthening Socio-Psychological Competency - Mental health and wellness initiatives

A mentoring session on 'How to manage emotions during Pandemic' was organized for the students through online platform to boost up mental health and wellbeing of students and the staff. The session was delivered by Mr. Santosh Joshi, a new-age Mentor and Life Transformation coach and founder of Sky healing based in Mumbai. He mentored the students through various real time examples and narrations and shared various tips to overcome anxiety and fear in the current situation.



#### • International webinar on COVID 19 - Health and Safety Challenges

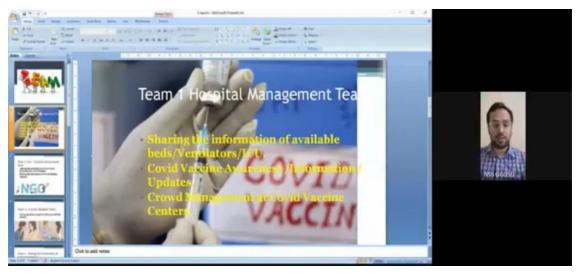
An interactive session on 'COVID 19 - Health and Safety Challenges' was organized for the students and staff with a message to take all necessary measures to counter its spread and take up vaccination for safety. The session was delivered by Dr. Amit Khanna a US based Senior Scientist of Indian origin with about 15 years of experience in the field



- Webinar on Building Resilience A virtue in Covid times was conducted by AESTHESIA Club. Dr.
   Shilpa Suri, Psychology Practitioner & Life Skill Trainer counselled the students and gave them tips on how to relieve anxiety during the difficult times
- DrKamanaMisra, President, Association for Women in Science New Jersey, USA and DrMatloob Husain, Associate Professor of Virology (senior virologist) in the Dept. of Microbiology and Immunology at University of Otago, New Zealand were the resource persons for the International Webinar on the theme Virus – Host Interactions, Therapeutics and More organised bytheDepartment of Zoology. <u>https://www.youtube.com/watch?v=PXymcEYL1Rw</u>



- Telephonic Counseling by HUMDUM Club run by Department of Psychology has been continuously delivered as an outreach to the society since 2nd wave, besides the College Covid Counselling Cell as per UGC/MHRD guidelines that caters to the emotional outburst of the youth
- Workshop on Psychological support for Covid Pandemic condition by MGNCRE on 29<sup>th</sup> May, 2021:The guest speaker for the same were Mr. Samarth Sharma from Mahatma Gandhi National Council of Rural Education. The speaker imparted knowledge to the volunteers regarding the ways in which they could help the COVID patients.



• **Two Week Online Yoga Camp** – as a fitness initiative: Two Week Online Yoga Camp was organized from 14<sup>th</sup> - 27th, June 2021 to enhance their Physical and Mental Health of students and staff.

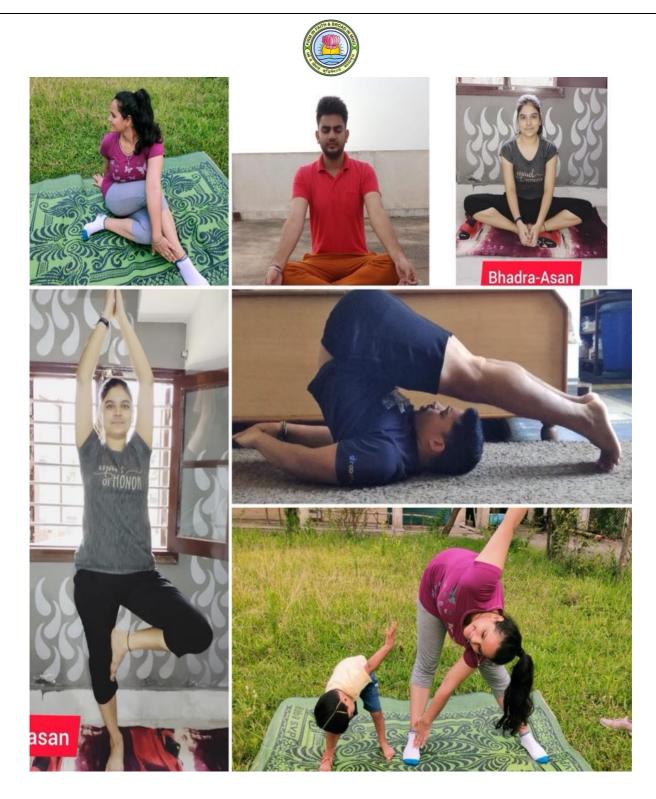




- A lecture on enhancing your life through spirituality and mindfulness: Spirituality and stress management to meet the Covid pandemic challenges was organized by Department of Psychology. Ms. RituSingal, a life coach and Mr. Ankur Malhotra, founder director TRINITI enlightened the staff and students.
- SAFETY, HEALTH AND FITNESS AWARENESS: Webinar on "Wellness of mind & body to ensure a better working environment" on 2nd September, 2021. The webinar catered especially to women professionals and homemakers. The resource persons Dr.GuranchalPawar, Consultant Physiotherapist, Specialist on Ergonomics and Dr.ParampreetGhuman, Associate Director, Department of Gynaecology, Max Hospital, generated the awareness among the participants regarding women health issues.



• **INTERNATIONAL YOGA DAY: The college staff and students** of our college observed International Yoga Day on 21st June, 2020.



## **Action taken on Vaccination Promotion**

**Vaccination awareness among students:** Dr. Nidhi Mittal – Coordinator Vaccination awareness motivated students by sending vaccination awareness messages to students and lectures

#### Sensitizing and motivating staff to take up vaccination

Covid Testing Drive organized in the campus for staff on campus. 216 staff members were tested by a team from GMCH, Sector -16, Chandigarh



• NSS Programme Officer Dr. Mahak Sharma, Head Boy SanchitKalra and Head Girl Harman got themselves vaccinated against COVID19 so as to motivate the volunteers to be vaccinated.



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Action taken on Networking with Government, NGOs, Civil Society organizations

Volunteer services by staff to aid the Government to beat Covid











#### **Eco-sustainable Initiatives**

- CELEBRATING AZAADI KA UTSAV WITH VAN MAHOTSAVA: On the eve of 75th Independence Day, Van Mahotasav, was celebrated on 15th August, 2021. After the hoisting of National Flag, followed by National Anthem, staff and students planted saplings and pledged to protect them. The students were encouraged to be a part of the society and act as 'Green Ambassadors'.
- GREEN DRIVES: Tree Plantation Drive was organized by 'HARITIMA' Environment Society of the College at Nav City Kharar on 8th July, 2021 as an outreach activity in the community. Dr.Anuprabha from Botany Department initiated the drive and also discussed the need of green cover on the occasion. No. of participants – 10 students and 1 Teacher



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• Plantation Drive in collaboration with State Bank of India held on 23rd July,2021 to increase the green cover area and sensitize the community towards plantation so as to enrich OXYGEN in our surroundings.





"Haritima" The Environmental Society of Goswami Ganesh Dutta Sanatan Dharma College, Chandigarh launched a nation-wide Green campaign on 16th July, 2021 on the theme 'Plant a Tree to have more OXYGEN'. Monsoons are round the corner, so a massive Plantation Drive began on 16th July and will end on 30th, 2021 as an outreach at different places to generate a healthy oxygen rich environment.

http://www.buzzingchandigarh.com/2021/07/tree-plantation-drive-held.html



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• **TREE PLANTATION DRIVE:** The Green Campus Committee and Haritima organized a Tree Plantation Drive in collaboration with NSS Unit of the college to celebrate the International Forest Day-2021 on 20<sup>th</sup> March, 2021.



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 GROW WITH THE TREES – A SENSITIZATION DRIVE: Students were sensitized to plant trees at their homes and near their vicinity as a part of a tree plantation programme – "Grow with the trees" on 14<sup>th</sup> November, 2020.

## Activities undertaken (2020-21)

• **GREEN CONSUMER DAY:** Waste recycling awareness was held28th September, 2021. With a focus on raising awareness and the importance of Recycling, Reusing and Reducing waste material, several activities were organized on the occasion of Green Consumer day





# • AWARENESS ON ENERGY CONSERVATION : Inter-College Competitions conducted by PG Department of Physics, Bioinformatics and Botany



 On the occasion of *AkshayUrjaDiwas*, a state-level webinar on the 'Scope and Impact of *AkshayUrja in* India' wasorganized on 21st August, 2021. The keynote speaker wereProf. (Dr.) Adarsh Pal Vig, Chairman Punjab Pollution Control Board and Dr. Poonam Sharma, Director, Centre for Disaster Management Studies, Shaheed Bhagat Singh College, University.



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• Online Quiz Competition to create awareness on breeding and spread of Mosquitoes conducted

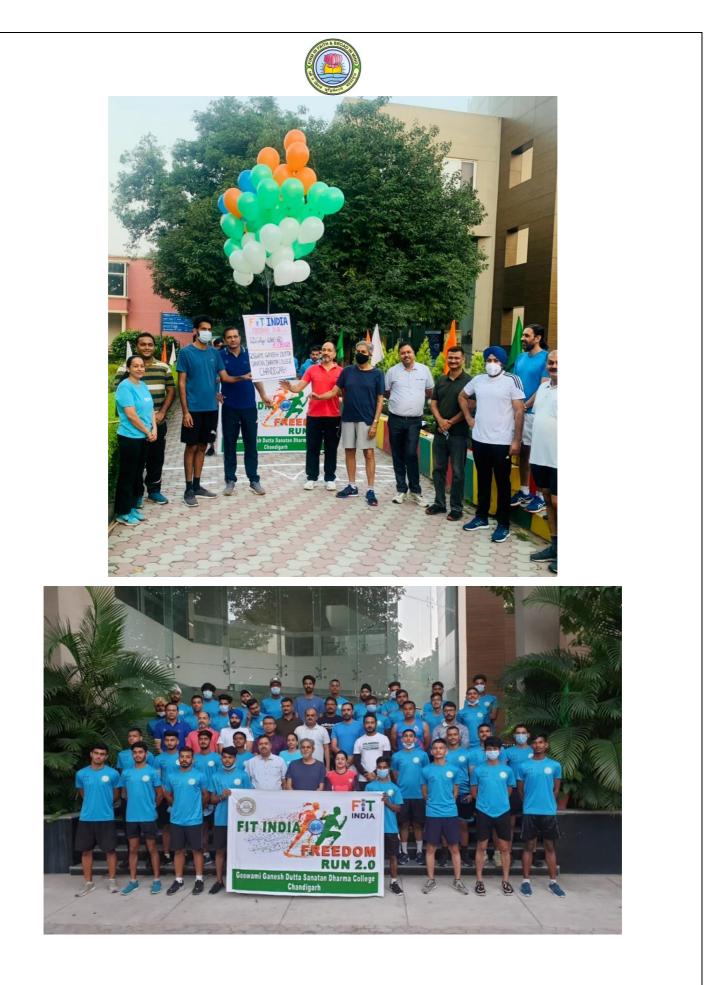


• BODY FITNESS: Fitness Run conducted to create awareness on Body Fitnesson 30th August, 2021



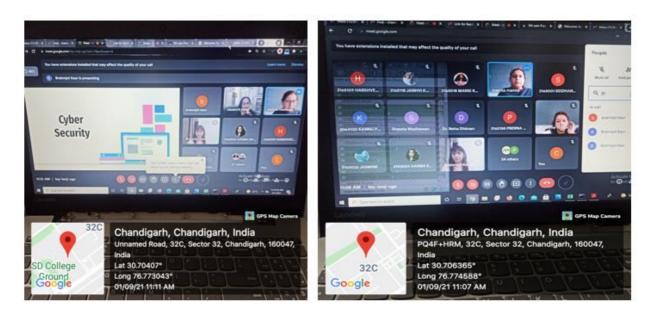
Chandigarh

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• **CYBER SECURITY:** Webinar on "Cyber Security" as a safety measure against increasing cybercrimes **Ms. Brahmjot Kaur**, Cyber Security Analyst, IT Advisory, KPMG, Bangalore, sensitized the students regarding various aspects of cyber-attacks.





• **INSTALLATION OF BILLBOARDS:**Billboards and signage were installed in college campus to create awareness amongst students.



• WORKSHOP ON SWACHHTA: Committee members attended the Workshop on Swachhta under the leadership of principal on 23rd August, 2021. Workshop was attended by Dr. JasveenDua, Dr. Shikha Gupta, Dr. Jyoti Kataria, Dr. Mahak Sharma, Dr. SupriyaVaid and Dr. Jyoti Joshi.



• SWACHHTA CAMP: The Green Campus Committee held a 'Swachhta Camp' on 31stAugust, 2021 in the college campus as a part of Swachhta Abhiyan initiated by MGNCRE, Ministry of Education. Students were sensitized to maintain cleanliness and proper hygiene in times of COVID-19 to beat the Covid. Free sanitizers and masks were distributed to the students. The camp was attended by about 230 people which included students and the visitors visiting the campus regarding admissions.



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**BEAT THE COVID CAMPAIGN:** The College has been actively associated with covid awareness activities since the outbreak of the pandemic. Theme of the campaign being 'Beat the COVID' involved sensitizing the students to the importance of vaccination. The students were motivated to share the vaccination status by filling a Google form, via QR code. The myths and doubts about vaccination were cleared in the camp.





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• HEALTH AND WELLNESS WORKSHOP: To check the spread of Covid-19, a free testing camp was organised at college campus. It was organised in association with Government Medical College, Sector 32, Chandigarh.





• SWACHHATA SHAPATH DAY AND CLEANLINESS DRIVE: As a part of the Swachhta Mission, to spread awareness, Swachhta week was celebrating (10-16th September, 2021). The staff and students took swachhta pledge and committed to perform 2 hours/week of volunteer work towards the fulfilment of mission. Cleanliness Pledge was organized in the campus with social distancing both in virtual mode and physical mode. The students also submitted the pledge online on the Government portal as a social commitment.



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• SWACHHTA COMMUNITY OUTREACH: As a part of the Swachhta Week, an Outreach activity was conducted on 12<sup>th</sup>September 2021 to sensitize the local people about maintenance of cleanliness in their daily life. The program specially focused on community participation in the local area as well as the surroundings. Volunteers went door to door to spread the message of Cleanliness and sensitized people from various walks of life for the same. The campaign ended with a Pledge by the students and the community. "Clean India, Green India"





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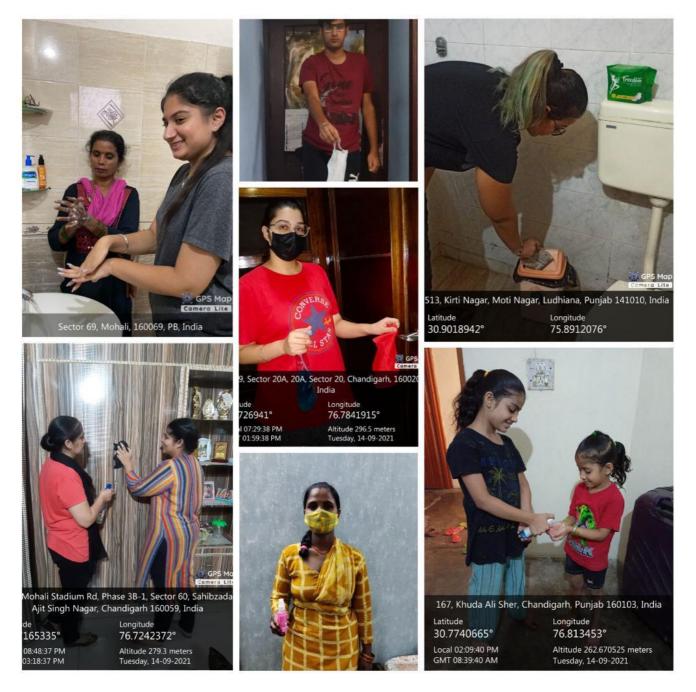




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**SWACHHATA PARTICIPATION DAY:** With an aim to create awareness among the students, a wide range of creative activities were planned. Various clubs and societies of the college organised different activities like poster making, poem writing, PPT presentation, animation video, etc. The students were asked to share a picture with a brief caption describing how they participated in the movement by tagging their location.









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• Online Poster Making Competition under an initiative of Swach Bharat Abhiyaan on September 14, 2021. Theme for the competition was Go Green Go Clean and Swachh Bharat, Swasth Bharat.

ess Plact Biofuel Goo Green GoClean Recycle -Keep clean

• Poem writing and amimated video competition was organised on Swachch Bharat Abhiyan.







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• The donation drive was conducted on 15th September, 2021. The aim of conducting the event was to help the needy students help in their Education. The donations included Old clothes, new Stationery and Books. The material was donated to Bachpan (sector 10 Panchkula) on the very same day





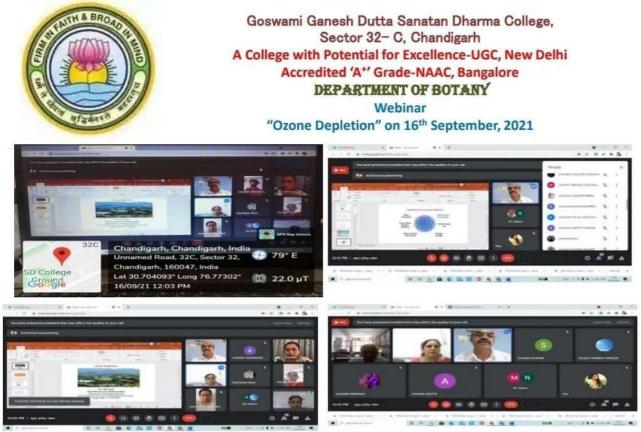




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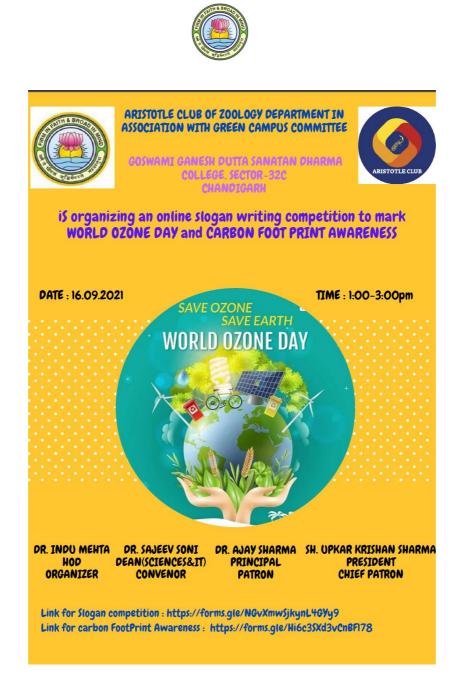


• OZONE DAY: Department of Botany of Goswami Ganesh Dutta Sanatan Dharma College, Sector 32-C, Chandigarh organised a Webinar on 'Ozone Depletion' to celebrate International Day for the Preservation of the Ozone Layer on Thursday, September 16th , 2021 . As many as 55 participants attended the webinar.



Guest Speaker: Dr. (Prof.) Anil Sood, Joint Director, Extension Education, Dr. YSP University of Horticulture and Forestry, Nauni, Solan

• ONLINE SLOGAN WRITING COMPETITION AND CARBON FOOTPRINT AWARENESS: ARISTOTLE CLUB of the Department of Zoology in association with Green Campus Committee, Goswami Ganesh Dutta SanatanDharam College, Chandigarh organized a Slogan writing Competition and Carbon foot print Awareness on the eve of World Ozone Day i.e. 16. 09.2021. Around 34 students from different colleges participated in the events. E-certificates were given to all the participants.



- WORLD EARTH DAY: The Green Campus Committee and the Environment Society of the college 'Haritima' organized a webinar on World Earth Day, 22<sup>nd</sup> April, 2021. The speaker was Dr.MeenuSood, Professor and Head, Department of Forest Products, College of Forestry, University of Horticulture and Forestry, Nauni, Solan. As a part of the activity, students were asked to click a picture of medicinal plants and write on their medicinal importance. About 120 students participated in the event.
- WORLD SPARROW DAY: A webinar was organized on World Sparrow Day, 20<sup>th</sup> March, 2021. The speaker was Dr. Ravneet Kaur, Department of Zoology, Panjab University, Chandigarh. The topic of the webinar was "Bird watching: An Integral step to support our Ecosystem". Bird feeders containing water and food were put up on the tree branches by the participants to mark the day after the webinar.



- WORLD ENVIRONMENT DAY: The Green Campus Committee and the Environment Society 'Haritima' of Goswami Ganesh Dutta Sanatan Dharma College, Chandigarh organized a number of inter-college competitions on World Environment Day, 5<sup>th</sup> June, 2021 with the motive of sensitizing the students to save Mother Earth and the Environment. The competitions included picture perception, Words to your thoughts (article writing), Selfie with a plant and PPT making on the topics related to Biodiversity, importance of plants etc.About100 students participated in the event.
- INTERNATIONAL BIODIVERSITY DAY: The Green Campus Committee and Haritima organized a click a photo contest on International Biodiversity Day on 22<sup>nd</sup> May, 2021 on the theme "We are part of the solution for Nature". The contest was open to students of host as well as other institutions. Participants sent their entries by mail. About 120 students participated in the event.
- WORLD WATER DAY: The Green Campus Committee and Haritima organized paragraph writing and e-card making competitions on the theme "Save water to save life (valuing water)" on World Water Day, 22<sup>nd</sup> March, 2021. Cash Prizes were given to the winners.
- WORLD NO TOBACCO DAY CELEBRATED: The Green Campus Committee and the Department of Botany showed a short movie on Drug Abuse to the students of B. Sc I, II and III on World No Tobacco Day (31st May, 2021).
- WORLD EARTH HOUR CELEBRATED: World Earth Hour was celebrated by the students as well as the faculty of the college during which the participants took a pledge to save Mother Earth and to switch off all the extra lights and other electrical appliance from 8:30 pm to 9:30 pm on 27<sup>th</sup> March, 2021. The pledge was taken through a Google form and the participants shared the pictures of the World Earth Hour observed by them at their respective places.
- BIRD DAY CELEBRATED: With the aim to encourage bird habitat conservation and rescue of captive birds, Bird Day was celebrated by the Green Campus Committee and Haritima on 5<sup>th</sup> January, 2021.
- GREEN CAMPAIGN ON SAFE DIWALI: Green Campaign (Jan Sandesh) was organized on the eve of Diwali to create awareness among the students to celebrate safe and pollution-free Diwali at their homes on 13<sup>th</sup> November, 2020. The students were sensitized about the importance of celebrating Pollution-free Diwali, especially amidst COVID pandemic.

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- HARIT DIWALI: In order to bring out the creative talents of students and celebrate the Festival of Lights in its true spirit Eco- Rangoli Making and Diya Painting competition were organized through online mode from 11<sup>th</sup> to 13<sup>th</sup> November, 2020. The students were sensitized on the issue of celebrate Pollution –free Diwali.
- NATIONAL ENERGY CONSERVATION DAY: Department of Zoology conducted an online Slogan Writing competition on 14th December 2020 to celebrate National Energy Conservation Day. The topicsincluded Solar energy, Conserve water; Save electricity and other related topics.53 students from different colleges participated in the event.
- ZERO- WASTE DIWALI: With an initiative to save the environment and promote 'Zero-waste Diwali', RotaractClub of Goswami Ganesh Dutta Sanatan Dharma College, Chandigarh successfullycarried out its project 'Sirjan' from 15- 17 November 2020. A total of 50 kgs of wasteflowers and 125 kgs of waste diyas and huts were collected. Flowers were dumped atFragrance Garden, Sector 36 and the other items were received by Recycle Aastha, aDelhi- based Start-up formed in 2019 with a vision to recycle residue for a better clean environment.
- WORLD ENVIRONMENT DAY AND SAY NO TO PLASTIC CAMPAIGN:NSS unit of the college celebrated World Environment Day on 5th June 2020. Volunteers participated by making digital posters and planting trees nearby their homes. The volunteers made bags out of cloth/ paper and spread awareness among the public to discourage using plastic.



## Green Campus Committee 2020-21

#### RECOMMENDATIONS

- · Policy for plastic ban on campus (especially 1 litre bottles of packaged water and single-use plastics in canteens)
- Solar Plant to be Installed so as to conserve electricity.
- Energy and Green Audit to be done.
- Permission to use parking & 1 canteen wall for slogans
- Chandigarh Municipal Corporation to be contacted for wall painting/ decoration
- E-waste drive to be conducted and plastic recycling bin installation to be requested from Chandigarh Municipal Corporation
- · Extension of committee. All work has to be systematically planned, executed and documented. To make this possible, sub-committees need to be formed out of the main committee to deal with the different tasks.
- More Water coolers and water filters to be installed.
- Paper mills to be contacted for recycling of paper waste
- MoU to be signed with Municipal Corporation, Chandigarh regarding e-waste and plastic waste disposal

Dr. Mahak Sharma M

Dr. Mamta Sharma Maurico Dr. Shivani Saini

Ms. Priyanka Mor Pryton

Jelana Dr. Jyoti Kataria (Coordinator, GCC)

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Dr. Jasveen Dua (Coordinator, IQAC)

Dr. Ajay Sharma Principal