



ACTION TAKEN REPORT

of

**MCM ECO-CLUB
'PARIVESH'**

(April, 2020 – March, 2021)



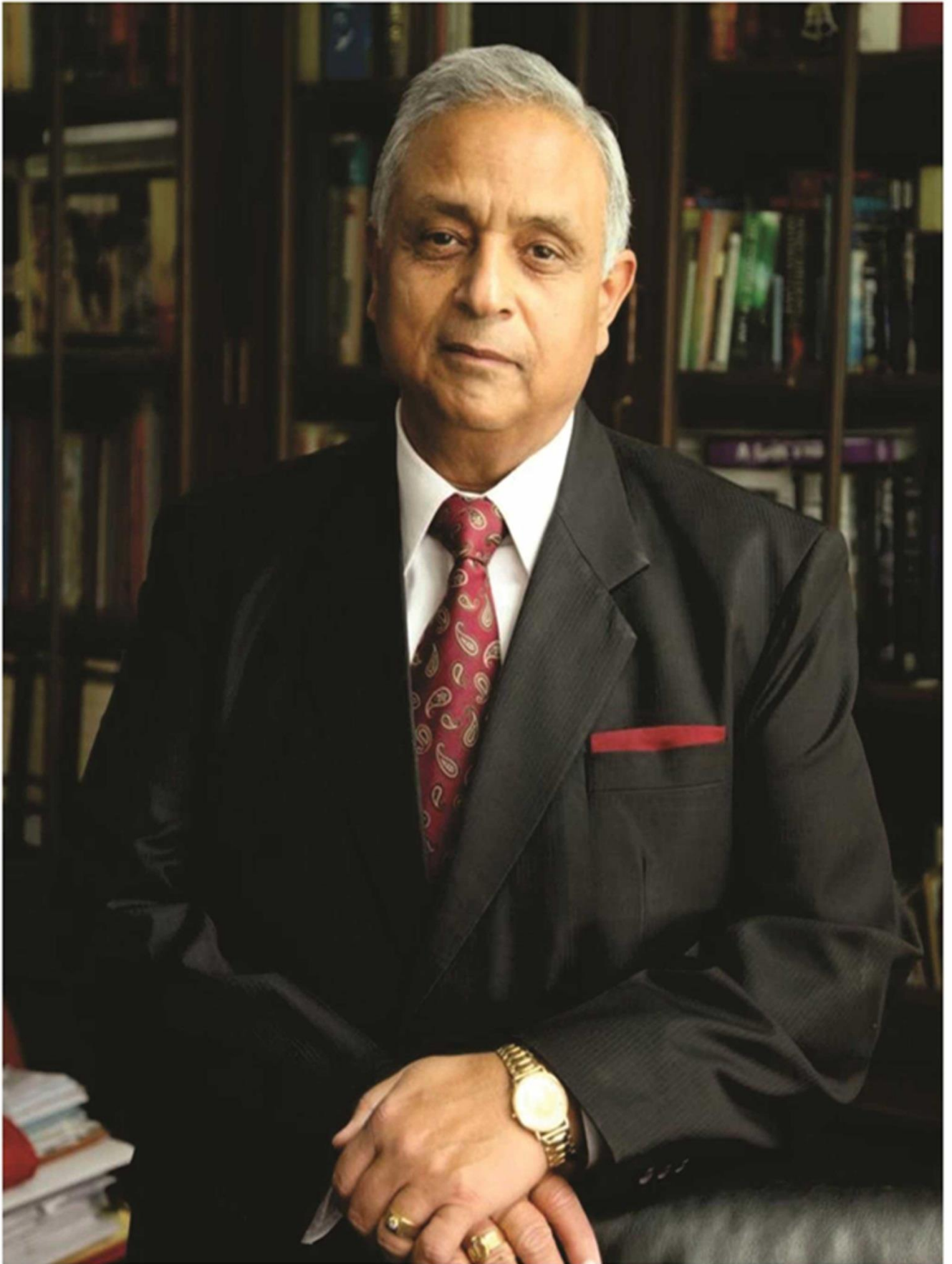
**Mehr Chand Mahajan
DAV College for Women
Sector 36-A, Chandigarh (U.T.)**

Our Beacon of Light



MAHARISHI SWAMI DAYANAND SARASWATI

Our Guide and Mentor



Dr. Punam Suri Ji, Padma Shree Awardee

Hon'ble President

DAV College Managing Committee

New Delhi



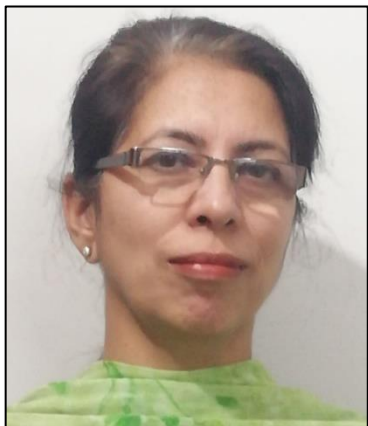
From the Principal's Desk

MCM Eco-Club has been created under the 'National Green Corps programme' of the Ministry of Environment and Forests, Government of India. The main objectives of this programme are to educate youth about inter-dependence of different eco-systems, to instil in them the spirit of scientific inquiry into environmental problems, and to involve them in the efforts of environmental preservation. MCM Eco-Club has been constituted with a vision to invoke 'green consciousness' among the youngsters, and to enhance their sensitivity towards various aspects of conservation of natural resources and environment.

My deepest gratitude to Dr. Punam Suri Ji, Padma Shree Awardee, worthy President, DAV College Managing Committee (DAV CMC), New Delhi for his visionary leadership and for encouraging us with his words at all times and especially when we stood face to face with the deadliest outbreak of coronavirus. I express my thanks to Shri H.R. Gandhar Ji, Hon'ble Vice President DAV CMC, New Delhi for his valuable guidance at all times. I also express my gratitude to Shri Shiv Raman Gaur Ji, Director Higher Education, DAV CMC, New Delhi for his most willing guidance and blessings that we receive in ample measures. It gives me immense pleasure to present, through this report, a comprehensive view of our eco-friendly activities conducted during April 2020 to March 2021.

Dr. Nisha Bhargava
Principal &
Convener, MCM Eco-Club 'Parivesh'

Environment is no one's property to destroy; it's everyone's responsibility to protect. --- Mohith Agadi



My sincere appreciation to the scheme initiated by the Ministry of Environment & Forests, Government of India to set up an Eco-club in every educational institute. This is a giant step towards sustainable development involving compulsory engagement of youth with the environment. Environmental education, awareness and training play a significant role in encouraging and enhancing people's participation in activities aimed at conservation, protection and management of the environment, essential for achieving sustainable development. The activities under the scheme include: Motivating the students to keep their surroundings green and clean by undertaking tree plantation; promoting ethos of water conservation by minimizing wastage of water; motivating students to develop habits and life style for minimum waste generation; educating students to create awareness amongst public and sanitary workers to stop the indiscriminate burning of waste; sensitizing the students to minimize the use of plastic bags; organizing awareness programmes such as quiz, essay writing, painting competitions, rally, Nukkad Natak etc. regarding various environmental issues, organizing Nature walks to know about the Bio-diversity and so on. Apart from building confidence, club responsibilities give students the opportunities to upgrade their hard as well as soft skills. Even, during the trying times of Covid-19 pandemic, club members have been actively involved in organizing all the calendar activities with full enthusiasm under the able leadership of Madam Principal, Dr. Nisha Bhargava. I express my deep gratitude to our worthy Principal Dr. Nisha Bhargava, for guiding and supporting us in all our endeavours. My thanks are due to all my team-members for their constant support and cooperation throughout the year.



Dr. Neetu

**Head, Department of Zoology &
Coordinator, MCM Eco-Club 'Parivesh'**

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I. ENVIRONMENTAL AWARENESS ACTIVITIES IN THE COLLEGE CAMPUS

A. OBSERVATION OF ENVIRONMENTAL DAYS

A1. EARTH DAY CELEBRATION ON APRIL 22, 2020

Objective: To raise awareness among students about climate change and global warming.

Context: Earth Day was first observed in 1970, when 20 million Americans took to the streets to protest against environmental degradation. The event was triggered by the 1969 Santa Barbara oil spill, as well as other issues such as smog and polluted rivers.

i. SAPLING PLANTATION

As many as 30 students planted saplings of trees, watered plants, and made posters related to saving Mother Earth to generate awareness among masses. Some of the students painted their hands and pledged to protect nature and its environment.



ii. ONLINE POETRY/PHOTOGRAPHY/SINGING CONTEST FOR STAFF AND STUDENTS

Demonstrating its unflinching support for the cause of environmental conservation, the college marked the day with a host of online competitions aimed at inspiring the students to be environment warriors who promote peaceful coexistence of all the species. Leading by example, Principal Dr. Nisha Bhargava made the celebration even more meaningful by contributing a thought-provoking poem and photographs depicting the pristine beauty of nature. She urged mankind to show compassion and

sensitivity towards the existence and well-being of flora and fauna by protecting trees and saving wildlife. The creative entries for all the competitions provided glimpses of the huge pool of talent nurtured at MCM. The competitions witnessed enthusiastic participation of students as well as staff who participated in this noble cause of raising awareness about environmental conservation while staying within the confines of their home.

Number of participants:

- Poetry Contest:** Students: **20**; Faculty: **04**
- Photography Contest:** Students **13**; Faculty: **02**
- Singing Contest:** Students: **04**; Faculty: **01**



स्टूडेंट्स ने घर बैठे दिया अर्थ डे का मैसेज

सिटी रिपोर्टर | चंडीगढ़

शहर में अलग-अलग स्कूल व कॉलेजों ने अर्थ डे पर कंपीटिशन किए। स्टूडेंट्स ने घर बैठे ही इन कंपीटिशन में हिस्सा लिया। केजीडीएचवी स्कूल सेक्टर 7 में 8वीं, 9वीं और 10वीं के स्टूडेंट्स के लिए अर्थ डे पर कंपीटिशन कराया गया। 'टैकिंग अर्थ बैक होम' के विषय पर पोएट्री राइटिंग कंपीटिशन हुआ। घर बैठे ही स्टूडेंट्स ने इस कंपीटिशन में हिस्सा लिया। एमसीएम कॉलेज फॉर वूमन सेक्टर 36 के स्टूडेंट्स ने भी इस कंपीटिशन में हिस्सा लिया। इस दौरान एनएसएस वॉलंटियर्स ने अपने

घर पर पौधे लगाए। इसके अलावा स्टूडेंट्स ने पोस्टर बनाए और वीडियो के जरिए लोगों को अवैयर किया।

एमसीएम में वर्ल्ड अर्थ डे पर ऑनलाइन हुई प्रतियोगिताएं

जगमार्ग न्यूज़

चंडीगढ़। वर्तमान में फैली वैश्विक महामारी की स्थिति आज वर्ल्ड अर्थ डे के आयोजन को और अधिक प्रासंगिक बनाती है। पर्यावरण संरक्षण के लिए अपने अवैरल समर्थन का प्रदर्शन करते हुए बुधवार को एमसीएम डीएचवी कॉलेज फॉर वीमेन की छात्राओं ने पर्यावरण संरक्षण और सभी प्रजातियों के शांतिपूर्ण सह-अस्तित्व को बढ़ावा के उद्देश्य से आयोजित ऑनलाइन प्रतियोगिताओं में उत्साहपूर्वक भाग लिया। कॉलेज की स्वच्छ समिति अर्थ प्रोवाइडर्स एनफूड, सैटिस्फाई एवरी मेन्स नोड्स, बट नॉट एवरी मेन्स ग्रीड, द अर्थ इस इन्जॉयिड बाय हीरोज- दिस इस द अनफेलिंग ट्रथ,

वी ए हीरो, ऑलवेज से, आई हेव नो फियर तथा द अर्थ इस व्हाट वी आल हेव इन कॉमन विषयों पर एक ऑनलाइन फोटोग्राफी, कविता, गीत प्रतियोगिता का आयोजन किया। कॉलेज की हार्डिकल्चर एन्ड लैंडस्केपिंग समिति ने भी एक ऑनलाइन लैंड स्केपिंग प्रतियोगिता आयोजित की, जिसमें छात्राओं ने अपने निवास स्थानों पर की गयी लैंड स्केपिंग की तस्वीरें प्रस्तुत कीं। इन सभी ऑनलाइन प्रतियोगिताओं के लिए आयी रचनात्मक प्रविष्टियों ने एमसीएम में पोषित प्रतिभा की एक झलक प्रदान की। दोनों प्रतियोगिताओं में छात्राओं के साथ-साथ स्टाफ के सदस्यों की भी उत्साहजनक भागीदारी देखी गई।

वर्ल्ड अर्थ डे : फोटोग्राफी और लैंड स्केपिंग से दिखाई प्रकृति की सुंदरता

एमसीएम डीएचवी में छात्राओं और स्टाफ सदस्यों के बीच ऑनलाइन प्रतियोगिता

संवाद न्यूज़ एजेंसी

चंडीगढ़। सेक्टर-36 स्थित एमसीएम डीएचवी कॉलेज फॉर वीमेन में बुधवार को वर्ल्ड अर्थ डे का आयोजन हुआ। छात्राओं ने पर्यावरण संरक्षण और सभी प्रजातियों के शांतिपूर्ण सह-अस्तित्व को बढ़ावा देने के उद्देश्य से आयोजित ऑनलाइन प्रतियोगिताओं में भाग लिया। कॉलेज की स्वच्छ समिति की ओर से प्रभा की संस्थापक रिजिनी विरघे पर ऑनलाइन लैंड स्केपिंग प्रतियोगिता आयोजित की, जिसमें छात्राओं ने अपने निवास स्थानों पर की गयी लैंड स्केपिंग की तस्वीरें प्रस्तुत कीं। इन सभी ऑनलाइन प्रतियोगिताओं के लिए आयी रचनात्मक प्रविष्टियों ने एमसीएम में पोषित प्रतिभा की एक झलक प्रदान की। दोनों प्रतियोगिताओं में छात्राओं के साथ-साथ स्टाफ के सदस्यों की भी उत्साहजनक भागीदारी देखी गई।

अंधाश्रम को तुरंत खत्म किया। स्टूडेंट्स केटीएम में भेरे डिजिटल वर्क को अतिरिक्त शर्तों व शेरसूची प्रथम वर्क को अन्वया गारान्टी ने प्रथम स्थान प्राप्त किया, जबकि निरंजना चौधरी को डिजिटल और अंधाश्रम को तुरंत खत्म किया। ऑनलाइन प्रोग्राम राइटिंग प्रतियोगिता में रिजिनी डॉ. विश्व प्रभा और रिजिनी विरघे को एमसीएम प्रोफेसर डॉ. प्रफुल्ल प्रकाश को प्रथम स्थान मिला। इरिशा विद्या और अमितेष्ट प्रोफेसर विद्या को तृतीय स्थान मिला। ऑनलाइन गीत प्रतियोगिता में स्टूडेंट्स प्रोफेसर अंधाश्रम को तृतीय स्थान मिला। ऑनलाइन लैंड स्केपिंग प्रतियोगिता में स्टूडेंट्स प्रोफेसर अंधाश्रम को तृतीय स्थान मिला। इरिशा विद्या और अमितेष्ट प्रोफेसर विद्या को तृतीय स्थान मिला। ऑनलाइन गीत प्रतियोगिता में स्टूडेंट्स प्रोफेसर अंधाश्रम को तृतीय स्थान मिला।

Poem by worthy Principal Dr. Nisha Bhargava on Earth Day

गीली मिट्टी की खुशबू
भीगी हुई सी इक शाम
मौसम की पहली बारिश
कर रही है सलाम।

तपती हुई ज़मी को
मिला है कुछ सुकून
कागज़ की कश्तियों का
बहते पानी में है हुजूम।

ओस जैसी पानी की बूँदे
पत्तों पे हैं रुकी हुई
सावन की काली बदली
बरसने को है झुकी हुई।

सुकून देता है सबको
रिमझिम बरसता सावन
धरती की प्यास बुझाता
तन मन करता पावन।

मुझे याद आता है कभी
बरखा झूमती हुई आती थी
और धरा की संगत में
बहुत दिन बिताती थी।

अफ़सोस है मगर अब
बदला इसका मिज़ाज है
कभी कभार ही आती है
शायद तबीयत नासाज़ है।

हु आऊँ कि जब धरती पर
जंगल कटने लगा
सावन का खूबसूरत मौसम
भी सिमटने लगा।

इसको वापिस लाने को
कुछ जतन करना होगा।
धरती की बंजर गोद को
पेड़ों से भरना होगा।

आने वाले कल का
करें कुछ तो इंतज़ाम
आओ मिलकर करें
कुछ वक़्त पृथ्वी के नाम।

--डॉ. निशा भार्गव

प्रिंसिपल

Poem by Dr. Prasoon Prasad, PG Dept. of Hindi

सोचना पड़ेगा

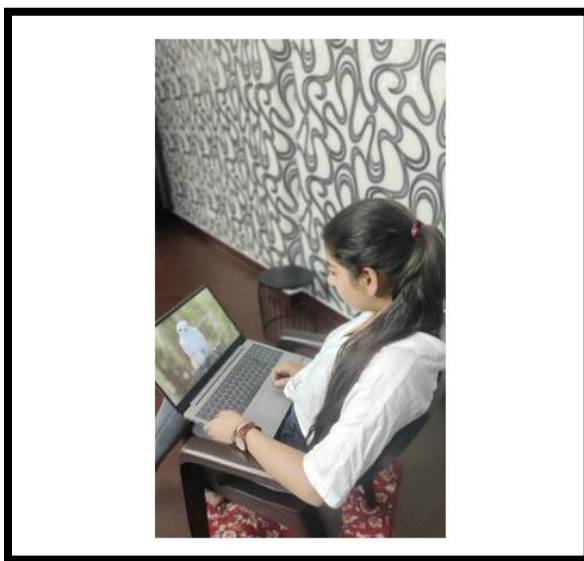
मृग के कस्तूरी	अपने पाँव पसारे
नाग के मणि	सिमट गए पशुओं के खोल
पहाड़ के पेट में कोयला है	कुदरती ठिका ने
और	हाथियों के गलियारे।
यही उसका सबसे बड़ा गुनाह है।	बेरहम विकास-दर का गणित
कुकुरमुत्ता -सा	संवेदना, स्मृति और ज़िन्दगी की
उग आता जंगल	हैसियत से रहित।
अपने भीतर पलती हर गतिविधि को	अब कहीं तो रुकना होगा
देता है जीवन	सोचना पड़ेगा
यही उसकी अनकही उदारता है।	बना सकते हैं क्या
मशीन के दाँतों ने	फिर से कोई पहाड़, नदीया झरना?
कुदरत को खूब नोचा-खसोटा है	क्या नहीं ले सकते कुदरत से केवल
पीसे जा रहे पहाड़	उतना
बन रही बिजली बेशुमार	भँवरा एक फल और फूल से
नदियों की हलक में हाथ डाल	लेता है जितना?
बन रहे बाँध बेहिसाब।	याह में भी चाहिए कोई परशुराम
सब कुछ खाजाने की	जो नर्मदा को बांधते सहस्रबाहुको कर
राक्षसी वृत्तियाँ	गया था
अध खाए पहाड़	उसके हज़ार हाथों के बिना???
धुंधुआती चिमनियां	या फिर
धरती के मुँह में	काफ़ी नहीं है
जबरन ठूँसी गई हों मानो	यही एक कोरोना???
ढेरों सुलगती बीड़ियाँ।	
कंक्रीट की खेती ने	
चादर के बाहर भी	

-प्रसून प्रसाद

सह-प्रवक्ता, हिन्दी विभाग।

iii. ONLINE 'CONTENT AND CAPTION WRITING COMPETITION'

The competition was based on screening of an award-winning short film 'Albatross', by Chris Jordan shot at Midway Islands in the Pacific Ocean, and is related to environmental issues. The participants watched the movie via the link provided to them on the due date and after watching the movie, sent their write ups of 500 words along with captions. In all, 31 students submitted their reviews for judgement. The content was judged on the basis of understanding of the subject, expression and language.



A2. INTERNATIONAL BIODIVERSITY DAY CELEBRATION ON MAY 22, 2020

i. CAPTION CONTEST

Objectives:

- To understand the importance of nature for our well-being
- To increase awareness among students regarding biodiversity issues

Context: The United Nations has proclaimed May 22 as “The International Day for Biological Diversity (IDB)” to understand the importance of biodiversity issues. This year’s IDB theme, “Our solutions are in Nature”, reminds us that biodiversity is the basis for sustainable future. During the ongoing pandemic-19 Pandemic, IDB offers an opportunity for us to re-examine our relationship with the natural world, reflect on the existing challenges, and renew our determination to work together at all levels to build a future in which people live in harmony with nature.

Practice: As many as 40 students from different streams participated enthusiastically in the caption contest during the lockdown period. They captured the beauty of flora and fauna in their backyards and gave suitable captions to them. Eye-catching photographs with inspirational captions were posted by the students.

Evidence of Success: Through this contest, students got an opportunity to appreciate the beauty of nature around them.



First Prize: Bandhan Shinde (B.A. I)



Second Prize: Kriti Sehgal (B.A. I)



Third Prize: Purna Maini (B.A. III)

ii. ESSAY WRITING COMPETITION

MCM Eco-Club organized a creative essay writing competition on the topic 'Impact of Covid-19 Pandemic on Wild Life in India' for the students of Science and Arts streams. A total of 22 Undergraduate students of the college participated in the competition with great enthusiasm and interest. Students understood the concept of healthy ecosystems, biological diversity in terms of the wide variety of animals and micro-organisms and dependency of our health on biodiversity.



A3. WORLD ENVIRONMENT DAY CELEBRATION ON JUNE 5, 2020

i. BOOKMARK MAKING AND T-SHIRT PAINTING COMPETITIONS

Objectives:

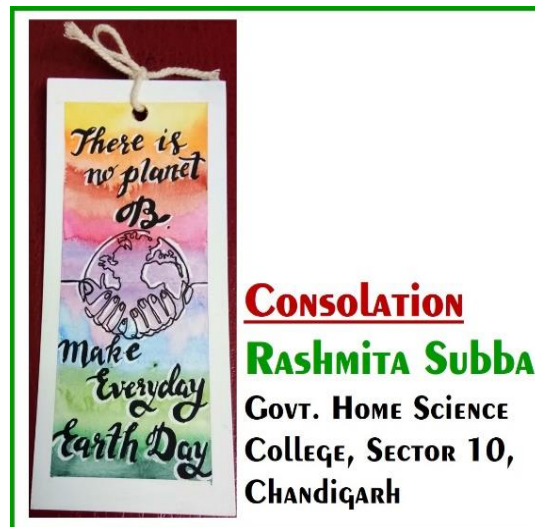
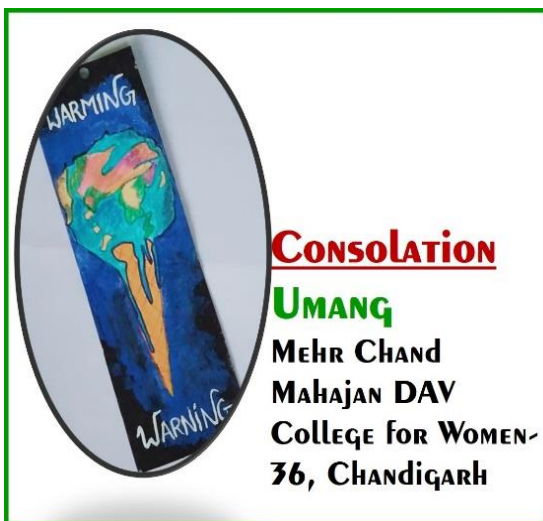
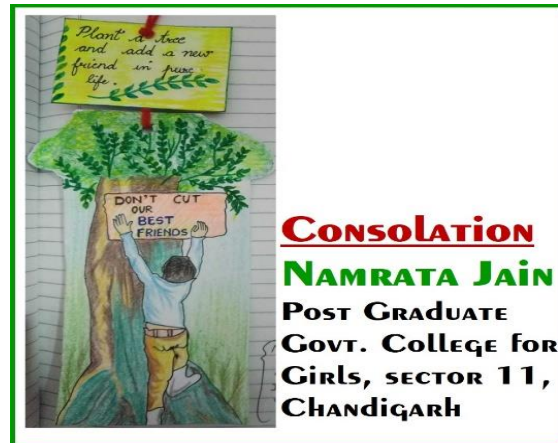
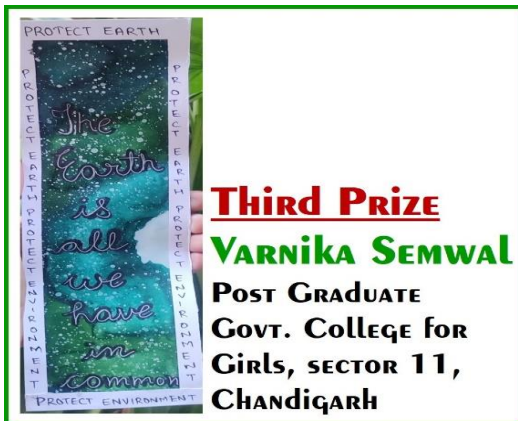
- To understand the importance of environment and nature.
- To promote awareness among students regarding protection of environment.

Context: World Environment Day is celebrated every year on June 5 and is the principal vehicle of the United Nations for encouraging awareness and action for the protection of environment. This year's World Environment Day theme is, "Time for Nature". Right from the foods we eat, the air we breathe, the water we drink, to the climate that makes our planet habitable for us, all come from nature. This year, amid Covid-19, instead of going to the field to plant saplings on World Environment Day, people are promoting environmental protection and awareness through online activities. These are exceptional times in which nature is sending us a message to live more sustainably. So, it's time to wake up, take notice and raise our voices in order to build a better environment for people as well as for the planet.

Practice: Even, during these trying times of Covid-19, as many as 80 students from various colleges of Chandigarh, Punjab and Haryana participated enthusiastically in Bookmark making and T-shirt painting competitions. All entries were highly appreciable and portrayed beautiful messages on environmental issues through bookmarks and T-shirt paintings.

Evidence of Success: Through this contest, students got an opportunity to know and address various issues on environment.

Bookmark Making



T-Shirt Painting



FIRST PRIZE
SHEETAL JAISWAL
GURU GOBIND SINGH
COLLEGE FOR WOMEN-26,
CHANDIGARH



SECOND PRIZE
ANU YADAV
POST GRADUATE GOVT.
COLLEGE, SECTOR 11,
CHANDIGARH



THIRD PRIZE
SUKHPREET KAUR
GURU NANAK COLLEGE FOR
GIRLS, SRI MUKTSAR SAHIB



CONSOLATION
RHYTHM BANGA
MEHR CHAND MAHAJAN DAV
COLLEGE FOR WOMEN-36,
CHANDIGARH



CONSOLATION
SEJAL ARORA
MEHR CHAND MAHAJAN DAV
COLLEGE FOR WOMEN-36,
CHANDIGARH



CONSOLATION
PALLAVI GUPTA
SGGS COLLEGE,
SECTOR 26,
CHANDIGARH



CONSOLATION
SHILPA JAIN
POST GRADUATE
GOVT. COLLEGE FOR
GIRLS, SECTOR 11,
CHANDIGARH



CONSOLATION
VARSHA
K.M. GOVT.
COLLEGE, NARWANA,

ii. ONLINE LANDSCAPE DESIGN/PAINTING COMPETITION

The competition was organized to inspire the students to understand the importance of nature and forge a bond with nature. Fifteen participants sent pictures of landscape painting activity done at their homes during the lockdown period.



First Prize: Shravya (B.A. II)



Second Prize: Nishtha B.A. II



Second Prize: Mannat B.A. (I)



Third Prize: Somil (B.A. II)



Consolation prize: Vanshika (B.A. II)

iii. PLEDGE TAKING ACTIVITY

Students and non-teaching staff members participated in the activity by taking a pledge on '**Environment Responsibility**' and also vowed to encourage their families to do so. They undertook the following pledge:

I WILL:

- *Turn off lights and fans when leaving an empty room.*
- *Unplug electronic devices at the end of the day.*
- *Turn off water faucets tightly.*
- *Fix any leaky faucets immediately.*
- *Adopt-a-plant to help purify indoor air.*
- *Use water saving practices and systems in landscaping, such as selecting drought resistant plant varieties.*
- *Turn off water when brushing teeth.*
- *Find ways to reuse or refurbish old materials.*
- *Choose durable materials/furnishings to reduce the cost/waste associated with replacement.*
- *Purchase reusable containers to avoid zip lock bags, aluminium foil and polystyrene.*
- *Make my lifestyle environment friendly.*
- *Reduce the use of equipment that generates pollution.*
- *Not use non-biodegradable plastic (or any environmental responsibility pledge you wish to take)*
- *Use water wisely while washing hands.*

Principal Dr. Nisha Bhargava and Mrs. Suman Mahajan, Head, Department of Philosophy and Coordinator, Swachhta Committee penned a poem dedicated to nature to mark the occasion. Conveying their appreciation for nature in a musical way, worthy Principal Dr Nisha Bhargava and faculty members sang songs dedicated to nature in their melodious voices, the compilation of which was released in the form of a video. The participation by the faculty and non-teaching staff as well as the students was wonderfully woven together in these videos for memories to be cherished later.

This activity witnessed the participation of 21 students from different streams and 20 non-teaching staff members.

Poem penned down by Principal Dr. Nisha Bhargava and Mrs. Suman Mahajan:

हम ही हैं कृष्ण और हम ही हैं अर्जुन

निष्काम भाव से कर्म कर करते रहें सृजन।

अंतरिक्ष की सीमा से धरती के गर्भगृह तक

ईश्वर निर्मित जीवन कर रहा निरन्तर स्पंदन।

सूर्योदय की उष्णता और चन्द्रोदय की शीतलता में

ईश्वर की सर्वव्यापकता को करते रहें नमन।

सागर मंथन से प्रलय और नदी के सागर में विलय तक

प्रकृति की क्षण भंगुरता का करते रहें अभिनंदन।

विजय-पराजय, आस-निरास और सुख-दुख में

जीवन रूपी इंद्रधनुष का करते रहें अभिवादन।

क्रोध घृणा और अहंकार के दावानल का

धैर्य प्रेम दया निश्चयकर करें विसर्जन।

सृष्टि के आदि से अन्त तक अमर है जो बंधन

ये पंक्तियाँ अपने ईश्वर और प्रकृति को हैं अर्पण।



Links of the videos uploaded on social media handles:

https://youtu.be/EZ_4F49yUvQ

<https://twitter.com/MCMDAVCW/status/1268803364969734144?s=19>

<https://www.facebook.com/226512264481701/posts/874695162996738/>

विश्व पर्यावरण दिवस पर एमसीएम में प्रतियोगिता

बुकमार्क में मल्लिका, टी-शर्ट पेंटिंग में शीतल रहीं अब्बल

संवाद ज्यून एजीसी

चंडीगढ़। विश्व पर्यावरण दिवस के अवसर पर एमसीएम डीएवी कॉलेज फॉर वूमैन ने शुक्रवार को बुकमार्क और टी-शर्ट प्रतियोगिता का आयोजन किया। इसमें 80 छात्राओं ने भाग लिया।

बुकमार्क प्रतियोगिता में एचमेंट होम साइंस कॉलेज चंडीगढ़ की मल्लिका मलिक ने प्रथम और इसी कॉलेज की रीत कोटवाल व पीवीवीसी-11 की जर्निका सेमवाल को तीसरा स्थान मिला। टी-शर्ट पेंटिंग में पीवीवीसी-26 की शीतल जायसवाल ने प्रथम, पीवीवीसी-11 की अनु यादव ने द्वितीय तथा मुन्नाक कॉलेज फॉर गर्ल्स की सुकनसर साहिल को सुवर्ण पुरस्कार के साथ स्थान प्राप्त किया।

प्रिंसिपल डॉ. निशा भार्गव और कॉलेज के दर्शनशास्त्र विभाग की अध्यक्ष एवं स्वच्छता समिति की समन्वयक सुमन महाजन ने इस अवसर पर प्रकृति को स्वर्णित एक स्वरचित कविता लिखी।

प्रकृति संरक्षण के लिए संकल्प लिया

इस दौरान कॉलेज की स्वच्छ भारत समिति और एक भारत श्रेष्ठ भारत टीम ने पर्यावरण जिम्मेदारी प्रतिज्ञा संधि का आयोजन किया। इसमें संस्था के कर्मचारियों और छात्राओं ने प्रकृति संरक्षण के लिए काम करने और इसके बारे में दूसरों को जागरूक करने का संकल्प लिया।



प्रकृति को बचाने का संदेश देती छात्राएँ।

सफल होना है तो किताबों से दोस्ती करें : डॉ. शर्मा

चंडीगढ़। सेक्टर-10 स्थित डीएवी कॉलेज ने किताबों के महत्व पर विचार करवाया। इस मौके पर पीयू के पूर्व प्राध्यापक और दिल्ली पुलिसिस्टी ग्राहियों के हेड डॉ. ज्योति सिंह मुकुल बसंत रहे। उन्होंने अपने किताबों के साथ पत्रों को प्रतियोगियों से मांगा किताबें। इस मौके पर प्रिंसिपल डॉ. पंचन शर्मा ने किताबों के जीवन में महत्व पर अपने विचार रखे। डॉ. शर्मा ने प्रतियोगियों से अपील कि जो जीवन को सफल बनाने के लिए अधिक से अधिक किताबों के साथ समय व्यतीत करें। -संवाद

दिवस विशेष कातेज की छात्राओं ने रचनात्मक तरीके से विश्व पर्यावरण दिवस का संदेश

एमसीएम में पर्यावरण पर जगाया अलख

द्विती संवर्द्धक-संदेश

विश्व पर्यावरण दिवस के अवसर पर मेहर चंद महाजन डीएवी कॉलेज फॉर वूमैन ने विभिन्न गतिविधियों का आयोजन किया, जिसका उद्देश्य छात्राओं को पर्यावरण के प्रति जागरूक कर पर्यावरण संरक्षण के लिए प्रोत्साहित करना था। हमारे छोटे छोटे व्यक्तिगत प्रयास पर्यावरण की सुरक्षा में एक बड़ा बदलाव ला सकते हैं। इस उद्देश्य से कॉलेज की स्वच्छ भारत समिति और एक भारत श्रेष्ठ भारत टीम ने पर्यावरण जिम्मेदारी प्रतिज्ञा संधि का आयोजन किया। इसमें संस्था के कर्मचारियों और छात्राओं ने प्रकृति संरक्षण के लिए काम करने और इसके बारे में दूसरों को जागरूक करने का संकल्प लिया।

प्रिंसिपल डॉ. निशा भार्गव और कॉलेज के दर्शनशास्त्र विभाग की अध्यक्ष एवं स्वच्छता समिति की समन्वयक सुमन महाजन ने इस अवसर पर प्रकृति को स्वर्णित एक स्वरचित कविता भी लिखी।

प्रकृति संरक्षण के लिए संकल्प लिया

इस दौरान कॉलेज की स्वच्छ भारत समिति और एक भारत श्रेष्ठ भारत टीम ने पर्यावरण जिम्मेदारी प्रतिज्ञा संधि का आयोजन किया। इसमें संस्था के कर्मचारियों और छात्राओं ने प्रकृति संरक्षण के लिए काम करने और इसके बारे में दूसरों को जागरूक करने का संकल्प लिया।



दृश्यों को वास्तव करने का संकल्प लिया। प्रिंसिपल डॉ. निशा भार्गव और कॉलेज के दर्शनशास्त्र विभाग की अध्यक्ष एवं स्वच्छता समिति की समन्वयक सुमन महाजन ने इस अवसर पर प्रकृति को स्वर्णित एक स्वरचित कविता भी लिखी।

कॉलेज की छात्राओं ने रचनात्मक तरीके से विश्व पर्यावरण दिवस का संदेश देना प्रकृतियों का अपोहन किया, जिसमें संस्था के कर्मचारियों और छात्राओं ने प्रकृति संरक्षण के लिए काम करने और इसके बारे में दूसरों को जागरूक करने का संकल्प लिया।

प्रिंसिपल डॉ. निशा भार्गव और कॉलेज के दर्शनशास्त्र विभाग की अध्यक्ष एवं स्वच्छता समिति की समन्वयक सुमन महाजन ने इस अवसर पर प्रकृति को स्वर्णित एक स्वरचित कविता भी लिखी।

एमसीएम में विश्व पर्यावरण दिवस का आयोजन

चंडीगढ़ (राकेश) : विश्व पर्यावरण दिवस के अवसर पर मेहर चंद महाजन डीएवी कॉलेज फॉर वूमैन ने विभिन्न गतिविधियों का आयोजन किया, जिनका उद्देश्य छात्राओं को पर्यावरण के प्रति जागरूक कर पर्यावरण संरक्षण के लिए प्रोत्साहित करना था। हमारे छोटे छोटे व्यक्तिगत प्रयास पर्यावरण की सुरक्षा में एक बड़ा बदलाव ला सकते हैं इस उद्देश्य से कॉलेज की स्वच्छ भारत समिति और एक भारत श्रेष्ठ भारत टीम ने पर्यावरण जिम्मेदारी प्रतिज्ञा संधि का आयोजन किया। इसमें संस्था के कर्मचारियों और छात्राओं ने प्रकृति संरक्षण के लिए काम करने और इसके बारे में दूसरों को जागरूक करने का संकल्प लिया। प्रिंसिपल डॉ. निशा भार्गव और कॉलेज के दर्शनशास्त्र विभाग की अध्यक्ष एवं स्वच्छता समिति की समन्वयक सुमन महाजन ने इस अवसर पर प्रकृति को स्वर्णित एक स्वरचित कविता भी लिखी।

A4. WORLD OCEANS DAY CELEBRATION ON JUNE 8, 2020

Objectives:

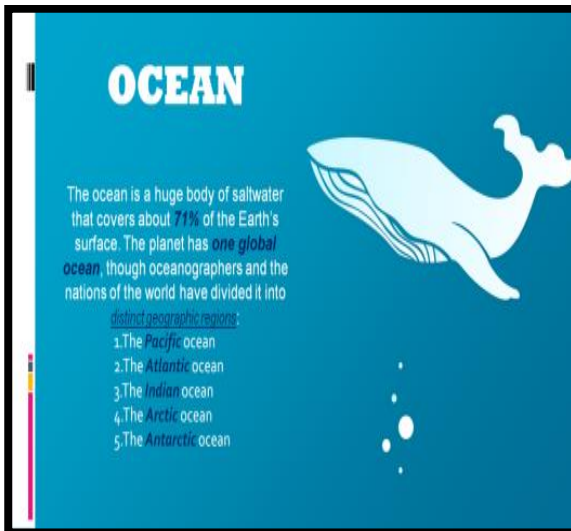
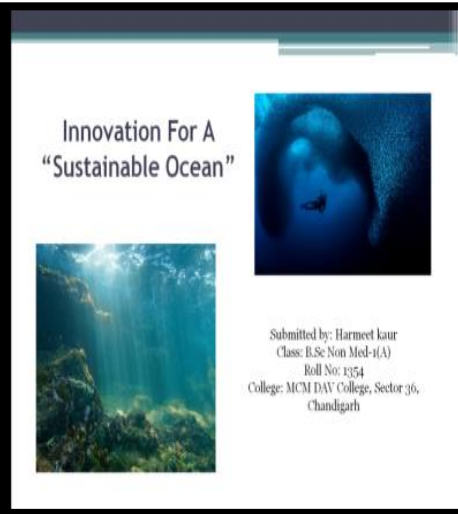
- To understand the importance of oceans in the present-day scenario and adopt suitable measures for their sustainability
- To make students aware of the basic technologies to study oceans and oceanographic techniques
- To increase awareness among the students regarding marine ecosystems

Context: World Oceans Day is an international day that takes place annually on 8th June. The concept was originally proposed in 1992 by Canada's International Centre for Ocean Development (ICOD) and the Ocean Institute of Canada (OIC) at the Earth Summit – UN Conference on Environment and Development (UNCED) in Rio de Janeiro, Brazil. World Oceans Day was officially recognized by the United Nations in 2008. The international day supports the implementation of worldwide Sustainable Development Goals (SDGs), and fosters public interest in the management of the ocean and its resources.

Practice: As many as 103 students from different colleges and institutes participated enthusiastically in the Power Point Presentation Contest, Report Writing Contest, Video, and Write-Up Contest. With the help of their presentations, reports and videos, they depicted the sustainability measures taken worldwide to save oceans. The detailed elucidation of satellite oceanography helped to understand the ocean dynamics. The work done by students was highly appreciable.

Evidence of Success: Through this contest, students got an opportunity to widen their horizons of knowledge regarding marine ecosystems and increase their awareness manifold.

POWER POINT PRESENTATION CONTEST



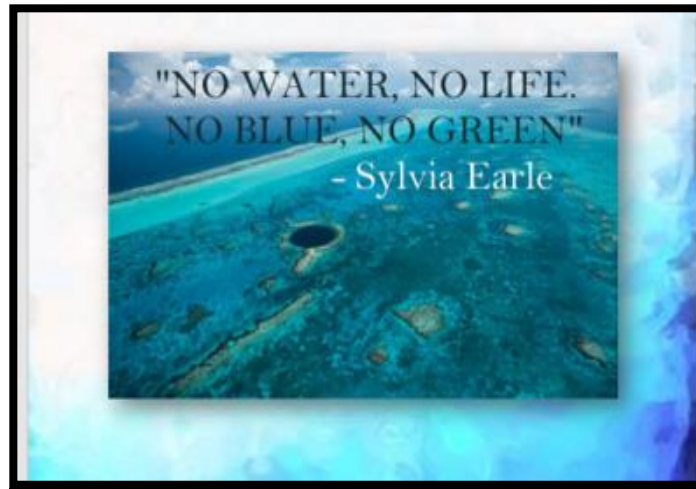
FIRST PRIZE

SECOND PRIZE

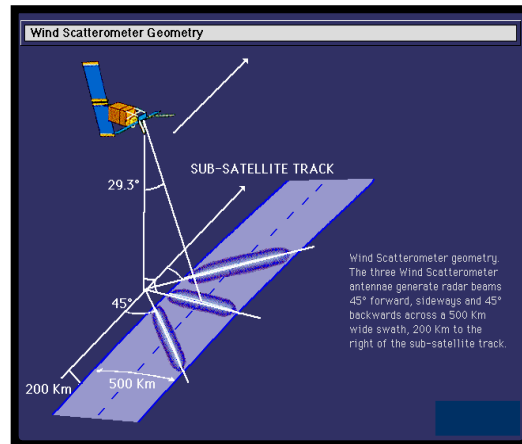


THIRD PRIZE

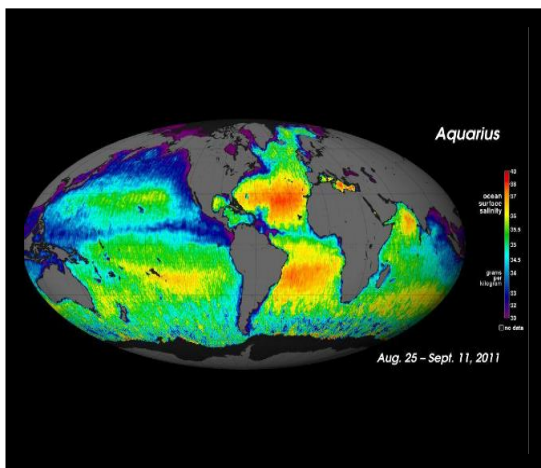
REPORT WRITING CONTEST



FIRST PRIZE



SECOND PRIZE



THIRD PRIZE

VIDEO AND WRITE UP CONTEST

SATELLITE OCEANOGRAPHY

INTRODUCTION

Satellite oceanography is a major component of operational oceanography. Satellites provide real time, global, high space and time resolution observation of key ocean variables that are essential to constrain ocean models through data assimilation and/or to serve downstream applications. GODAE and GODAE OceanView (GOV) have maintained strong links with satellite oceanography communities and major progress has been made over the past 10 years to develop and optimise the use of satellite observations for operational oceanography.

An overview of satellite oceanography and recent achievements is given here focusing on the most relevant issues for operational oceanography. This paper provides an overview of satellite oceanography, its role and use for operational oceanography. Main operational oceanography requirements are summarised. Progresses and achievements of satellite oceanography over the past 5 years are described. Main challenges for the next decade are also summarised and a brief review of future missions provided. A summary of achievements and long-term prospects are given in the conclusion.

The role of satellites for operational oceanography and main requirements

Operational oceanography critically depends on the near real time availability of high quality satellite and in-situ data with a sufficiently dense space and time sampling. Observations are required to constrain ocean models through data assimilation and also to validate them. The quantity, quality and availability of data sets directly impact the quality of ocean analyses and forecasts and associated services. Products derived from the data themselves can also be directly used for applications. This requires an adequate and sustained global ocean observing system. Climate and operational oceanography applications share the same backbone system. Operational oceanography has, however, specific requirements for near real time data availability and for higher resolution measurements. Operational oceanography requirements have been detailed in several papers.

Sea level and surface geostrophic currents, sea surface temperature (SST), ocean colour, sea surface salinity (SSS), waves, sea ice and winds form the core operational satellite observations required for global, regional and coastal ocean monitoring and forecasting systems. Long term and continuity of observations are of paramount importance. Specific requirements for operational oceanography are as follows:

Satellite Oceanography

(By Aditi Sharma)

Oceans are where life first appeared on Earth. The largest creatures on Earth (whales) and the smallest (bacteria and viruses) live in the oceans. We rely on the ocean for many things, including food, water transportation, recreation, minerals, and energy. Moreover, when ocean currents change, they cause changes in global weather patterns and can cause droughts, floods, and storms. However, our knowledge of our oceans is limited. It is rightly said that "The beauty and mystery of Oceans are 95% undiscovered." Ships, coastlines, and islands provide places from which we can observe, sample, and study small portions of oceans. Space provides a better substitute to observe the vast unexplored ocean. The fact that satellites circling the Earth can examine an entire ocean in less than an hour is quite powerful in exploration. Walter Munkin of Satellites, Oceanography, and Society rightly said that "If I were to choose a single phrase to characterize the first century of modern oceanography, it would be 'a century of under-sampling.'"

Oceanography is the scientific study of the oceans. Satellites can orbit the Earth several times in a day. By placing instruments on a satellite, an oceanographer can obtain data from all over the world in a short amount of time. These instruments can measure the temperature of the ocean surface, the height of the water, the speed of the wind above the water, and many other things. Satellites can take measurements over the entire Earth's surface in just a few days. As a result, oceanographers are now able to better study phenomena that affect entire oceans or even the entire planet. This makes satellite measurements ideal for scientists who study the Earth's climate, El Niño, or the monsoons in the Indian Ocean.

FIRST PRIZE

SECOND PRIZE

Satellite Oceanography

covering about seventy percent of the earth's surface. The oceans are essential to the continued existence of life on our planet. The oceans are where life first appeared on earth. The largest creatures on earth (whales) and the smallest (bacteria and viruses) live in the oceans. We rely on the ocean for many things including food, water, transportation, recreation, minerals and energy. Moreover, when ocean currents change, they cause changes in global weather patterns and can cause droughts, floods, and storms. However, our knowledge of our oceans is limited. Ships, coastlines and islands provide places from which we can observe, sample and study small portions of oceans. But we can only look at a very small part of the global ocean and thus we have a better place to study oceans.

Space provides this place. Satellites circling the earth can study an entire ocean in less than an hour. The satellites can "look" at clouds to study the weather as at the sea surface (where it's not cloudy) to measure the sea's surface temperature, wave heights and direction of waves. Some satellites use radar to "look" through the clouds at the sea surface.

One other important characteristic that cannot be seen from space is the colour of the ocean. Changes in the colour of ocean water has been used to assess a distance on the surface provides valuable information.

Satellites can orbit the earth several times a day. By placing instruments on a satellite, an oceanographer can obtain data from all over the world in a

THIRD PRIZE

एमसीएम कॉलेज ने मनाया विश्व महासागर दिवस
 चंडीगढ़, 12 जून (अप्रस)। विश्व महासागरीय दिवस के अवसर पर, मेहर चंद महाजन डीएवी कॉलेज फॉर वुमन के भौतिकी विभाग और इको क्लब ने विभिन्न ऑनलाइन प्रतियोगिताओं का आयोजन किया। दुनिया भर में महासागरों के संरक्षण के महत्व को चिह्नित करते हुए, प्रतियोगिताओं में निम्न विषयों पर वीडियो और राइट-अप शामिल थे-जैसे सैटेलाइट ओशनोग्राफी, इनोवेशन फॉर ए सस्टेनेबल ओशन पावरपीइंट प्रेजेंटेशन, महासागरीय अध्ययन हेतु सामान्य तकनीक विषय पर रिपोर्ट लेखन। आयोजन में चंडीगढ़ के विभिन्न कॉलेजों के 103 छात्रों ने भाग लिया। प्रतिभागियों ने प्रतियोगिताओं के माध्यम से हमारे रोजमर्रा के जीवन में महासागरों की भूमिका पर महत्वपूर्ण विचार प्रस्तुत किए।

एमसीएम में ऑनलाइन प्रतियोगिता करवाई
 चंडीगढ़। एमसीएम डीएवी कॉलेज फॉर वुमन सेक्टर-36 के भौतिकी विभाग और इको क्लब ने शुक्रवार को विभिन्न ऑनलाइन प्रतियोगिताओं का आयोजन किया। इसमें विश्वभर में महासागरों के संरक्षण के महत्व को चिह्नित करते हुए छात्राओं ने ऑनलाइन वीडियो और राइटअप भेजे। इसमें सैटेलाइट ओशनोग्राफी, इनोवेशन फॉर ए सस्टेनेबल ओशन पावरपीइंट प्रेजेंटेशन, महासागरीय अध्ययन के लिए सामान्य तकनीक विषय पर रिपोर्ट लेखन इत्यादि शामिल थे।

A5. AKSHAY URJA DIWAS CELEBRATION ON AUGUST 20, 2020

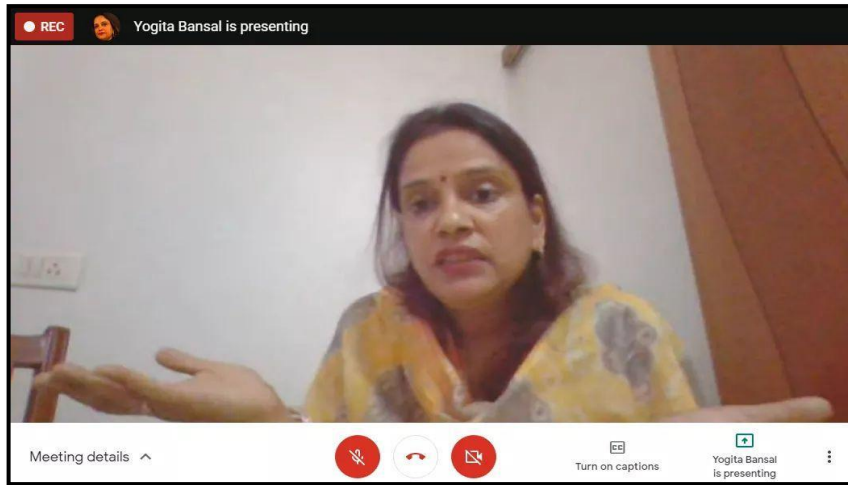
Objectives:

- To educate and mobilize students to work towards environmental protection
- To generate awareness about the development of renewable energy in our country

Context: Akshay Urja Diwas is a day to create awareness about the developments of renewable energy in India, which is celebrated on August 20 every year since 2004. This day commemorates the birthday of former prime minister Sh. Rajiv Gandhi. The Ministry for New & Renewable Energy Sources, Govt. of India promotes innovation to adopt renewable energy sources to produce power. Owing to the current environmental situation, it is essential to develop ways to use Akshay Urja or renewable energy more efficiently. The main motive of this day is to make people aware about renewable energy (Akshay Urja) apart from traditional energy, and by doing this we can enjoy traditional sources of energy for a longer time.

Practice: Dr. Yogita Bansal, Department of Pharmaceutical Sciences and Drug Research, Punjabi University, Patiala was the resource person for the webinar. In her enlightening discourse, Dr. Bansal stressed upon the importance of renewable energy by saying that 'Akshay Urja' represents pillars that hold our sustainable future. Dr. Bansal educated the participants about the concept of Green Chemistry and went on to elaborate the various principles of Green Chemistry including prevention of waste, atom economy, designing safer chemicals, increase in energy efficiency, use of renewable feedstock, and many more. Citing examples of Minimata Disaster, Cuyahoga River Fires and Bhopal Gas Tragedy, Dr. Bansal impressed upon the participants the need to take corrective actions and save the environment by adopting renewable energy.

Evidence of Success: Over 240 students and faculty members participated enthusiastically in the Webinar.



एमसीएम डीएवी कॉलेज में अक्षय उर्जा दिवस का आयोजन

(फास्ट मीडिया) विनोद कुमार, चंडीगढ़। मेहर चंद महाजन डीएवी महिला कॉलेज को टिन्सूबल एनर्जी कमेटी एवं एको-ब्लस ने अक्षय उर्जा दिवस के अवसर में ऑन कैम्पस्ट्री-एन एको-फ्रेंडली प्रैक्टिस' नामक एक वेबिनार का आयोजन किया। इस वेबिनार का उद्देश्य प्रतिभागियों को टिन्सूबल एनर्जी तथा पर्यावरण संरक्षण के प्रति जागरूक करना था। इस वेबिनार का संचालन फार्मस्युटिकल साइंस एंड हेल्थ रिसेर्च डिपार्टमेंट, पंजाबी यूनिवर्सिटी, फिरोज़ाबाद की डॉ



प्रतिभागियों को अक्षय ऊर्जा को अपनाकर पर्यावरण को बचाने की आवश्यकता पर जोर दिया। कॉलेज की प्रिंसिपल तात इकोनॉमिक एनर्जी विशेषज्ञ डॉ निता भार्गव ने स्वागत भाष्य के लिए अक्षय ऊर्जा के महत्व के बारे में प्रतिभागियों को जागरूक करने के इस प्रयास को सराहना करते हुए कहा कि बहुत ही जनसंख्या के मॉडर्न ऊर्जा की पर्यावरणिक खतरों को बढ़ावा देने आवश्यक है। डॉ. अक्षय उर्जा आवश्यकताओं को पूरा किया जा सके। डॉ. भार्गव ने इस तथा पर बत दिया कि ऊर्जा के विभिन्न

अक्षय उर्जा, पहलुओं, ऊर्जा, कचरे से ऊर्जा और ऐसे कई पर्यावरणिक हैं जिनका उपयोग बढ़ाने की आवश्यकता है। मानव जीवन में ऊर्जा के महत्व को रेखांकित करते हुए डॉ. भार्गव ने कहा कि पौधे, वायु और आसपड़स ही हमारे जीवन के साथ-साथ अक्षय उर्जा के लिए अत्यंत महत्वपूर्ण हैं। उन्होंने कहा कि पर्यावरण में पर्यावरण को रखा और पर्यावरण संरक्षण का संरक्षण के लिए सौर ऊर्जा के दोहन के लिए ठोस प्रयास किए जा रहे हैं।

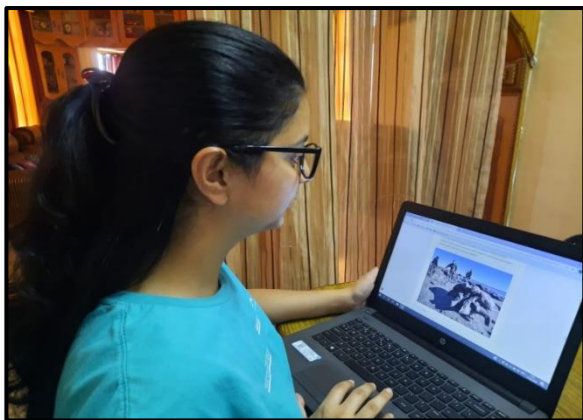
A6. WORLD OZONE DAY CELEBRATION ON SEPTEMBER 16, 2020

i. NATIONAL LEVEL ONLINE QUIZ

Objectives:

- To create awareness among students about the importance of Ozone layer and the significance of its preservation
- To familiarize students with the ongoing crisis of climate change and its impact

Context: The Ozone layer is a delicate layer of gas in the Earth's stratosphere that absorbs most of the Sun's ultraviolet (UV) rays. In the last few years, the ozone layer has depleted extensively. Human activity has damaged the Earth's protective layer and much needs to be done to preserve it. Long term exposure to UV rays can cause numerous diseases. On September 16, 1987, the United Nations and 45 other countries had signed the Montreal Protocol. The purpose of the Montreal Protocol is to protect the Ozone layer by reducing the production of substances that are supposed to be responsible for Ozone layer depletion. Every year this day is celebrated as the International Day for the Preservation of the Ozone layer.

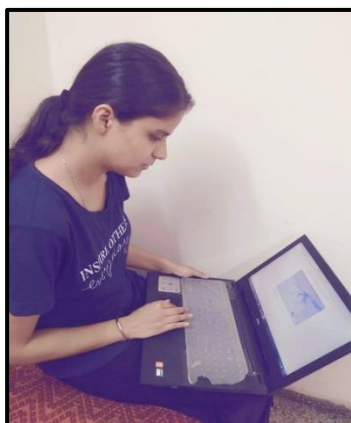


Practice: MCM Eco-Club in collaboration with the Department of Zoology organized an online National Level Quiz Competition based on the theme 'Ozone Depletion and Climate Change' to mark the celebration of International Day for the Preservation of the Ozone Layer. The quiz aimed at raising

awareness among students about the importance of the ozone layer and the need to preserve it. It consisted of Multiple-Choice Questions and image-based questions to test the knowledge of participants pertaining to the ozone layer and climate change.

Evidence of Success: The quiz witnessed enthusiastic participation of over 560 students from different states and UTs of the country including Punjab, Haryana, Himachal Pradesh, Delhi, Uttar Pradesh, Rajasthan, Madhya Pradesh, Karnataka, Kerala, Kolkata, Assam and Chandigarh. The winners were awarded cash prizes and e-certificates were given to those who secured 75% and above.

The results of the quiz:



First Prize: Shaurya (Nav Jyoti Senior Secondary School, Bilaspur)


Second Prize: Sumandeep Kaur (Govt. Brijindra College, Faridkot)

Third Prize: Aarti Rana (PG Govt. College for Girls, Sector-11, Chandigarh)

Consolation Prize: Diksha Azad (Mehr Chand Mahajan DAV College for Women, Chandigarh).

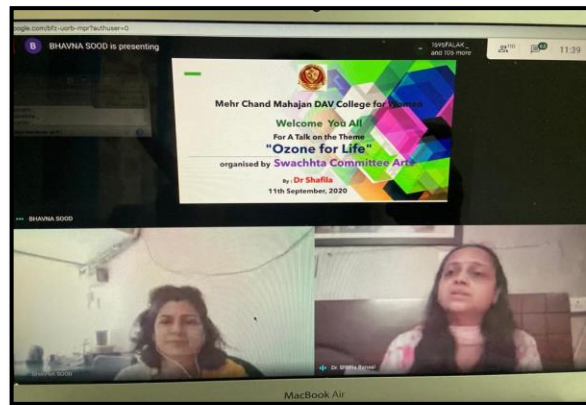
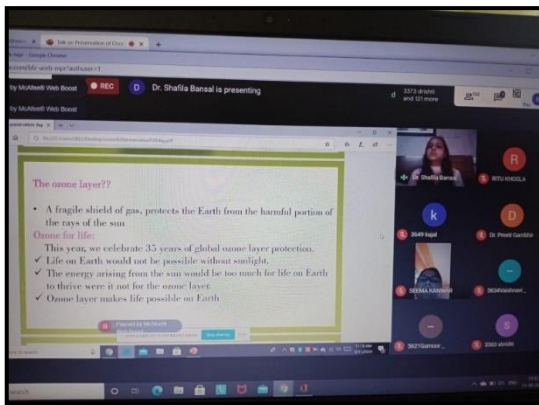
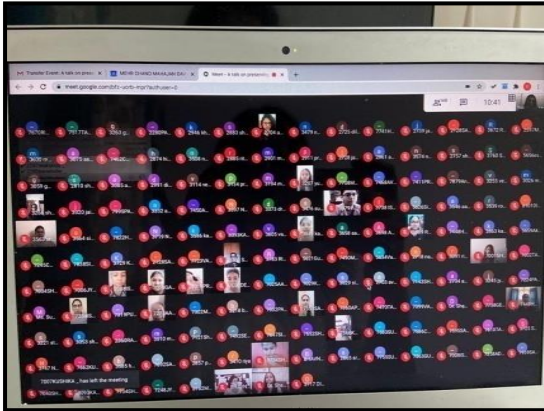
MCM holds online national quiz on Ozone Layer

MCM holds online national quiz to mark International Day for the Preservation of the Ozone Layer Celebrating International Day for the Preservation of the Ozone Layer with fervour, the Department of Zoology at Mehr Chand Mahajan DAV College for Women organised an online National level Quiz Competition. Organised on the theme 'Ozone Depletion and Climate Change', the quiz witnessed enthusiastic participation of over 560 students from different states and UTs of the country including Punjab, Haryana, Himachal Pradesh, Delhi, Noida, Rajasthan, Madhya Pradesh, Karnataka, Assam and Chandigarh. With the aim of raising awareness among students about the importance of the ozone layer and the need to preserve it, the quiz consisted of MCQs, objective questions and image based questions to test the knowledge of participants pertaining to the ozone layer. The winners were awarded cash prizes and e-certificates were given to those who secured 75% and above. Principal Dr. Nisha Bhargava informed that through this quiz, the college endeavours to spread awareness about the problem of depletion of the ozone layer and to motivate students to be a part of the solution and also to educate others about it. She further added that human activity has damaged the Earth's protective layer and much needs to be done to preserve it.



ii. ONLINE TALK ON THE THEME 'OZONE FOR LIFE'

Dr. Shafila, member of MCM Eco-Club introduced the audience to the concept of Montreal Protocol or Ozone Treaty which came into picture in 1987. As many as 177 students and 5 faculty members attended the online session.



एमसीएम में इंटरनेशनल डे फॉर प्रिजर्वेशन ऑफ ओजोन लेयर आयोजित

चंडीगढ़ (हिमाप्रभा ब्यूरो)। ओजोन परत के संरक्षण के लिए आगामी अंतर्राष्ट्रीय दिवस के उपलक्ष्य में मेहर चंद महाजन डीएवी कॉलेज ऑफ वूमन की स्वच्छता समिति ने ओजोन परत-महत्व, अभाव और वर्तमान स्थिति विषय पर एक ऑनलाइन वार्ता आयोजित की। कॉलेज की पर्यावरण विज्ञान विभाग की डॉ शफिला बंसल ने इस ऑनलाइन वार्ता का संचालन किया जिसमें 140 से अधिक प्रतिभागियों ने बड़-चढ़ कर हिस्सा लिया। ओजोन परत, इसके गुणों और प्रकारों से परिचय के साथ शुरुआत करते हुए, डॉ बंसल ने मनुष्यों, जानवरों और पौधों को यूवी-बी विकिरणों के हानिकारक प्रभावों से बचाने में ओजोन परत के महत्व पर विस्तार से बताया। विशेषतः ने इस तथ्य पर प्रकाश डाला कि प्राकृतिक प्रक्रियाएँ जैसे ज्वालामुखी विस्फोट, आदि ओजोन की कमी के केवल 2 प्रतिशत हिस्से पर प्रभाव डालती हैं जबकि मानवजनित प्रक्रियाएँ जैसे कि जीवाश्म ईंधन जलना, एयर कंडीशनिंग आदि पृथ्वी की सुरुवातक परत पर सबसे गहरा प्रभाव डालती हैं। ओजोन परत को रक्षा के लिए जो जा रही कार्रवाहियों पर प्रकाश डालते हुए, डॉ बंसल ने प्रतिभागियों को सीएफएस और अन्य ओजोन को नष्ट करने वाले पदार्थों को चरणबद्ध करने के लिए किने गए महत्वपूर्ण सम्झौते-मॉन्ट्रियल प्रोटोकॉल के बारे में प्रतिभागियों को बताया। कॉलेज की प्रिंसिपल डॉ निशा भांगव ने कहा कि इस वार्ता के माध्यम से, कॉलेज ने ओजोन परत को कमी की समस्या के बारे में जागरूकता फैलाने तथा प्रतिभागियों को समस्या के समाधान का हिस्सा बनने के लिए प्रेरित किया है। उन्होंने आगे कहा कि मानव गतिविधियों ने पृथ्वी की सुरुवातक परत को नुकसान पहुंचाया है और हमें इस नुकसान की रोकथाम तथा ओजोन परत के संरक्षण हेतु प्रभावी कदम उठाने होंगे।

'ओजोन परत के संरक्षण पर देना होगा ध्यान'

एमसीएम डीएवी कॉलेज में हुए व्याख्यान में शामिल छात्राएं। अमर उजाला

चंडीगढ़। मेहरचंद महाजन डीएवी कॉलेज फॉर वुमन सेक्टर-36 में इंटरनेशनल डे फॉर प्रिजर्वेशन ऑफ ओजोन लेयर पर ऑनलाइन व्याख्यान हुआ। इस दौरान ओजोन परत के संरक्षण पर ध्यान देने को कहा गया। ओजोन परत के महत्व, अभाव और वर्तमान स्थिति विषय पर विशेषज्ञों ने विचार रखे। कॉलेज की पर्यावरण विज्ञान विभाग की डॉ. शफिला बंसल ने इस ऑनलाइन वार्ता का संचालन करते हुए सभी का परिचय दिया। ओजोन परत, इसके गुणों और प्रकारों से परिचय के साथ शुरुआत करते हुए डॉ. बंसल ने मनुष्यों, जानवरों और पौधों को यूवी-बी विकिरणों के हानिकारक प्रभावों से बचाने में ओजोन परत के महत्व पर विस्तार से बताया। विशेषज्ञों ने इस तथ्य पर प्रकाश डाला कि प्राकृतिक प्रक्रियाएँ जैसे ज्वालामुखी विस्फोट आदि ओजोन की कमी के केवल दो प्रतिशत हिस्से पर प्रभाव डालती हैं। ब्यूरो

A7. WILDLIFE WEEK CELEBRATION (OCTOBER 2-8, 2020)

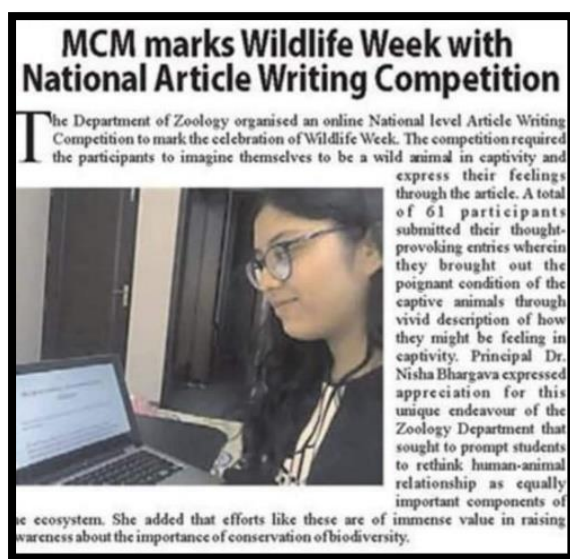
Objectives:

- To understand the importance of wildlife, an integral part of environment
- To promote the preservation of wild flora and fauna

Context: Wildlife week is annually celebrated across India between 2nd to 8th October with an aim to generate awareness about protection and preservation of Indian flora and fauna. India's wildlife is under huge threat due to mismanagement, poaching, habitat loss, overexploitation, pollution and other detrimental human activities. To protect what we have lost and to reclaim what we lost needs the involvement and commitment of both educators and learners.

Practice: MCM Eco-Club in collaboration with department of Zoology, organized an online National Level Article Writing Competition to mark the celebration of Wildlife week. The theme of the event was '*Imagine yourself to be a Wild animal in captivity and express your feelings*'. The competition required the participants to imagine themselves to be a wild animal in captivity and express their feelings through the article. A total of 61 participants submitted their thought-provoking entries wherein they brought out the poignant condition of the captive animals through vivid descriptions of how they might be feeling in captivity.

Evidence of Success: Through this competition, students got an opportunity to develop empathic concern towards wild animals.



A8. WORLD WETLANDS DAY CELEBRATION ON FEBRUARY 02, 2021

VIRTUAL WORKSHOP ON 'UNDERSTANDING THE MYSTERY OF BIRD MIGRATION'

Objectives:

- To help raise awareness about the ecological importance of migratory birds
- To understand the threats faced by migratory birds and the need for international cooperation to conserve them

Context: Bird migration is a natural process, whereby different birds fly over distances of hundreds and thousands of kilometers in order to find the best ecological conditions and habitats for feeding, breeding and raising their young ones. When the conditions at breeding sites become unfavourable due to low temperatures, migratory birds fly to regions where conditions are better. However, migration is a perilous journey and involves a wide range of threats. The loss of habitats due to pollution or exploitation caused by encroachment for settlement, agriculture, grazing etc. are the main threat migrating birds face. Also, high-voltage power lines and wind turbines have a dramatic impact on birds, which are in danger of being killed by electrocution or collision.

Practice: The Department of Zoology organized a Virtual Workshop on "Understanding the Mystery of Bird Migration" under the aegis of Rashtriya Uchcharat Shiksha Abhiyan. Sh. M.S. Sekhon, Head, Department of Geography, DAV College, Chandigarh & President, Chandigarh Bird Club, was invited as a Resource person to elaborate upon the types of bird migration, patterns followed and threats faced by birds during migration.


Evidence of Success: Teaching and non-teaching staff of Zoology & Botany departments and 68 students of B.Sc. Medical attended the Workshop.

Through this workshop, students got an opportunity to learn about different species of winged visitors to the city of Chandigarh and its surrounding areas.

REC Mitinderpal Singh Sekhon is presenting 237 AROHI and 78 more 15:57 You

Loop

- ↳ Birds that follow an annual circle are loop migrants. This migration includes two distinctly different routes to and from breeding grounds, often taking advantage of varied resources at different times of the year.
- ↳ Rosy Starlings are the best example amongst birds that can be seen in Chandigarh.




Mrs. Neena Sharma
Mitinderpal Singh Sekhon
Ms. Kadambri Pathania
SARABJEET KAUR

VIRTUAL WORKSHOP ON BIRD MI... Raise hand Turn on captions Mitinderpal Singh Sekhon is presenting

VIRTUAL WORKSHOP ON BIRD MIGRATION (2021-02-04 at 02:02 GMT-8) Press Esc to exit full screen

Nomadic


- ↳ This movement is less predictable and can be erratic depending on available food and water resources.
- ↳ Nomadic birds tend to stay within the same general range but may be completely absent from parts of that range when resources are scarce.
- ↳ They will return, however, when the habitat becomes more suitable, such as after rainfall, when prey is more abundant, or when crops ripen.
- ↳ Yellow-footed Green Pigeons are one of the nomadic migrants of Chandigarh region.



Mitinderpal Singh Sekhon

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REC 62 NEHA and 35 more 16:23 You



179 muskan Thanku sir

VIRTUAL WORKSHOP ON BIRD MI... Raise hand Turn on captions Present now

A9. WORLD SPARROW DAY CELEBRATION ON MARCH 20, 2021

VIRTUAL WORKSHOP ON 'HOUSE SPARROWS' & INSTALLATION OF BIRD NEST BOXES IN THE COLLEGE CAMPUS

Activity Coordinators: Dr. Neetu & Dr. Divya Sharma

Date: 20 March, 2021

Number of participants: 04 Teachers, 03 Lab attendants, 02 Mali & 45 students

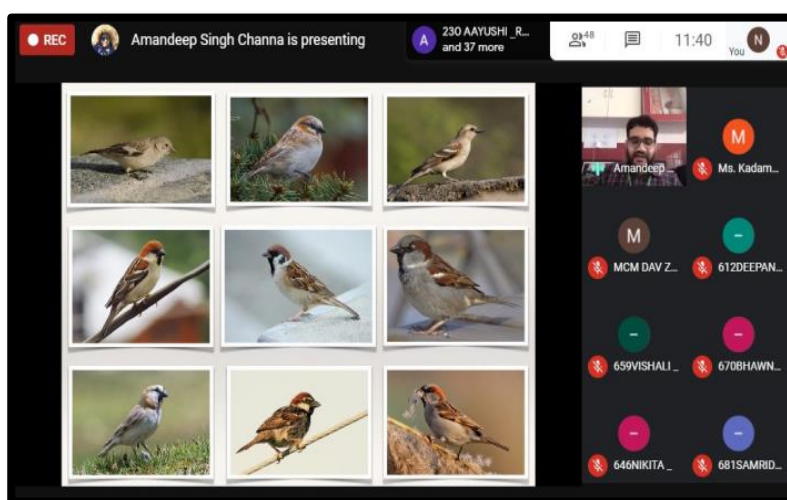
Objectives:

- To sensitize students and faculty about the need to preserve birds.
- To understand suitable methods to install nest boxes for the preservation of sparrows.

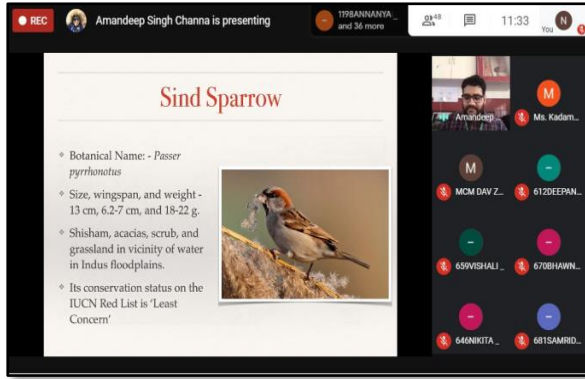
Context: The decline of the house sparrow is an indicator of the continuous degradation of the environment around us. It is also a warning bell that alerts us about the possible detrimental effects on our health and wellbeing.



Practice: The Department of Zoology and MCM Eco-Club organized a Virtual Workshop on 'House Sparrows' in collaboration with Chandigarh Bird Club on the occasion of World Sparrow Day on 20 March, 2021. Madam Rima Dhillon, General Secretary, Chandigarh Bird Club; Member, Punjab Wild Life Board; Executive Member, Avian Habitat & Wetland Society, Chandigarh, accompanied by Madam Sarbjeet Kaur, Senior member, Madam Saroj Gulati & Mr. Amandeep Singh Channa,

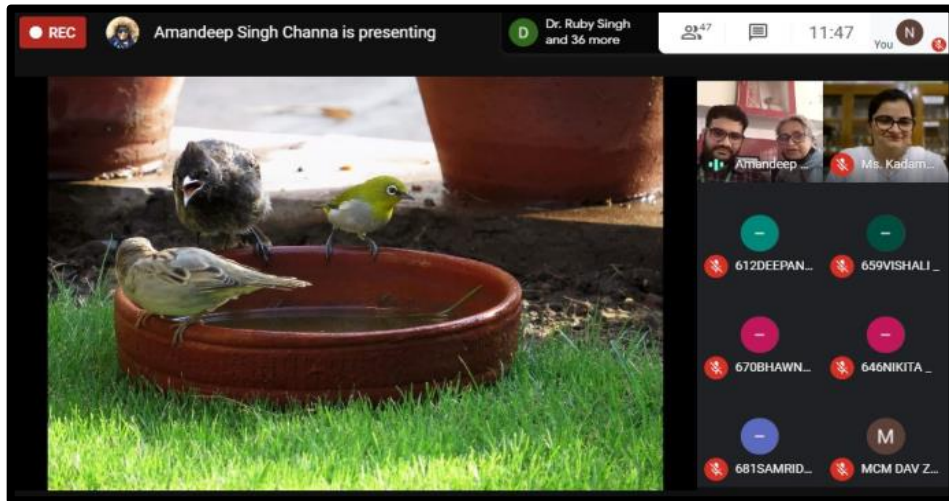


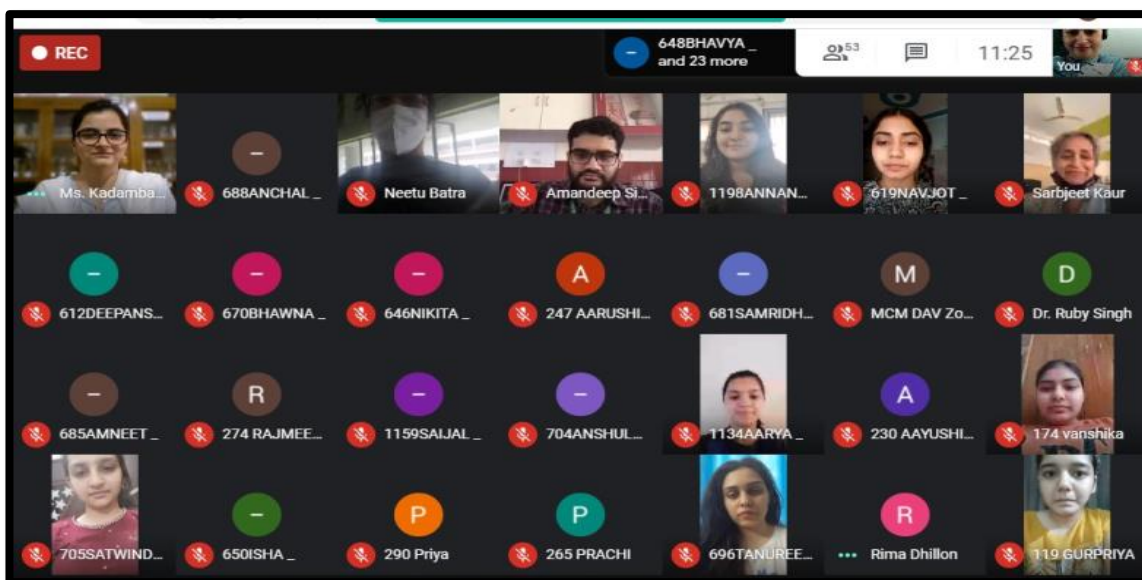
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Members of Executive committee of the Chandigarh Bird Club visited the college campus as resource persons for a Virtual Workshop on House sparrows and for the installation of bird nest boxes.

Evidence of Success: Teaching and non-teaching staff of Zoology department and 45 students of B.Sc. Medical attended the virtual workshop. The students came to know about different species of sparrows and their population distribution in India through the workshop.





A10. WORLD FOREST DAY CELEBRATION ON MARCH 22, 2021

PLANTATION DRIVE

Activity coordinators- Dr. Gunjan Sud and Dr. Ruby Singh

Date: 22 March, 2021

Number of participants: 02 Teachers, 01 Lab attendant, 02 Mali & 05 locals

Objective: To spread the message of conserving our forests and planting more trees for creating sustainable environment for the generations to come.

Context: World Forest Day is celebrated every year to create awareness amongst the common masses for the conservation of forests and plantation of new trees. Both of these are essential for maintaining the ecological balance of the Mother Earth. Planting trees is one of the effective ways to reduce pollution on the Earth. Constant efforts are required to save this gift of nature with unparalleled utility.





Practice: Committed to the theme of the green good deed of the week, the Department of Botany in collaboration with MCM Eco-Club celebrated the World Forest Day. A tree plantation drive was organized on 22.03.2021 to mark the occasion in Village Buterla, Sector-41 Chandigarh in coordination

with Deputy Mayor Hardeep Singh Buterla. The tree saplings were planted in different areas of the village by the faculty of the college along with the local residents.

Evidence of Success: Saplings were planted in different areas of the Village Buterla located near Sector-41, Chandigarh. The entire team participated with a lot of enthusiasm and the effort was a success.



A11. WORLD WATER DAY CELEBRATION ON MARCH 22, 2021

AWARENESS LECTURE ON 'WATER CONSERVATION'

Activity Coordinators: Dr. Pallvi Rani and Dr. Purnima Bhandari

Date: 22 March, 2021

Number of participants: 81 students

Objective: To spread awareness among the students about the need to conserve water for sustainable environment

Context: Every year, March 22 is celebrated as the 'World Water Day' that focusses on the importance of freshwater and presses for the sustainable management of freshwater resources. With the increase in global population coupled with change in climatic conditions, water availability has come under extreme threat. This year, the theme for World Water Day 2021 was "Valuing Water" which means to value water more than its price.

Practice: To commemorate the World Water Day- 2021, an awareness lecture on Water Conservation was organized on 22.03.2021 by the NSS Units in collaboration with MCM Eco-Club of the College. The resource



person was Mr. Sushil Dogra, Scientist B, Chandigarh Pollution Control Committee, Paryavaran Bhawan, Sector 19-B, Chandigarh. Mr. Sushil Dogra apprised the volunteers about the need to conserve and preserve water. Using statistics related to wastage of water, he emphasized upon the need of saving water as natural resource. He discussed the reasons for water depletion especially in Sukhna Lake and how one can contribute to the improvement of quality as well as quantity of water.

The volunteers were informed about the various ways to reuse water for gardening and cleaning purposes. He also discussed about different water conserving plans such as rain water harvesting, water supply and water quality monitoring schemes such as smart water meters that have been adopted by the Chandigarh Administration in the last few years.

Evidence of Success: The volunteers were appreciative of the information that was shared and found it beneficial. They were determined to conserve water and adopt sustainable wastewater management strategies in their daily lives.



B. ORGANIZING AWARENESS PROGRAMMES

B1. DEBATES AMONG COLLEGE STUDENTS ON ENVIRONMENTAL ISSUES

VIDEO MESSAGE CONTEST ON THE THEME "EFFECTS OF BURNING GARBAGE ON THE ENVIRONMENT"

Date: 08 March, 2021

Number of participants: 24 students

Objectives:

- To promote 3R approach in waste management
- To educate students about the hazards of trash burning and look for alternatives of garbage burning.

Context: Burning Garbage is harmful to the environment as numerous toxic chemicals released from burning pollute our air. Polluted air eventually affects wildlife and human health. Apart from air pollution, the residue from burning contaminates the soil and groundwater and can enter the human food chain through crops and livestock. Smoke and soot can travel long distances and odors can be bothersome to people. Therefore, it is requisite to educate people about the hazards of garbage burning in order to stop this menace and students are best medium to achieve this aim.

Practice: Department of Environment Science of the college in collaboration with MCM Eco-club organized a contest on video message on the theme "Effects of Burning Garbage on the Environment", where over 24 students of various streams participated and send their encouraging entries. Participants have covered all the important aspects like current scenario of garbage disposal in the country, impacts of garbage burning on human, wildlife and environment and alternative of this practice.

Evidence of Success: Students shared their views on the effects of garbage burning enthusiastically via their video messages.

RESULT			
PRIZE	NAME OF THE PARTICIPANT	CLASS	VIDEO MESSAGE
FIRST	SANGAM	B.Sc. -I (MFT)	Link
SECOND	MEHAK ABROL	B.A.-I	Link
THIRD	RIA TALWAR	B.Sc.-I (N.M.)	Link
CONSOLATION	BHAVIKA MEHTA	B.Sc.-I (N.M.)	Link
CONSOLATION	ISHTA	B.Sc.-I (N.M.)	Link

B2. POPULAR TALK ON ENVIRONMENTAL ISSUES BY EXPERT/S

i. WEBINAR ON 'SWACHH CAMPUS AND JAL SHAKTI'

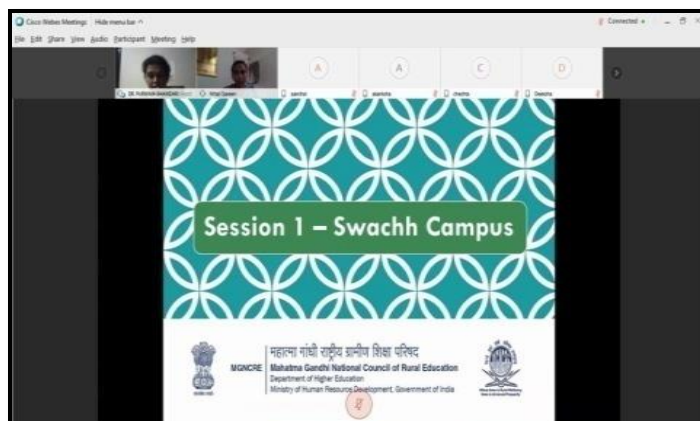
Date: 03 July, 2020

Number of participants: 15

Objectives:

1. To enlighten volunteers about various practices conducted in the college under Swachh campus campaign
2. To motivate students how they can do their bit towards water conservation
3. To create awareness regarding the need for conservation of resources for better future.
4. To acquaint the participants with the role of Higher Education institution (HEI) in "Swachh Campus and Jal Shakti".

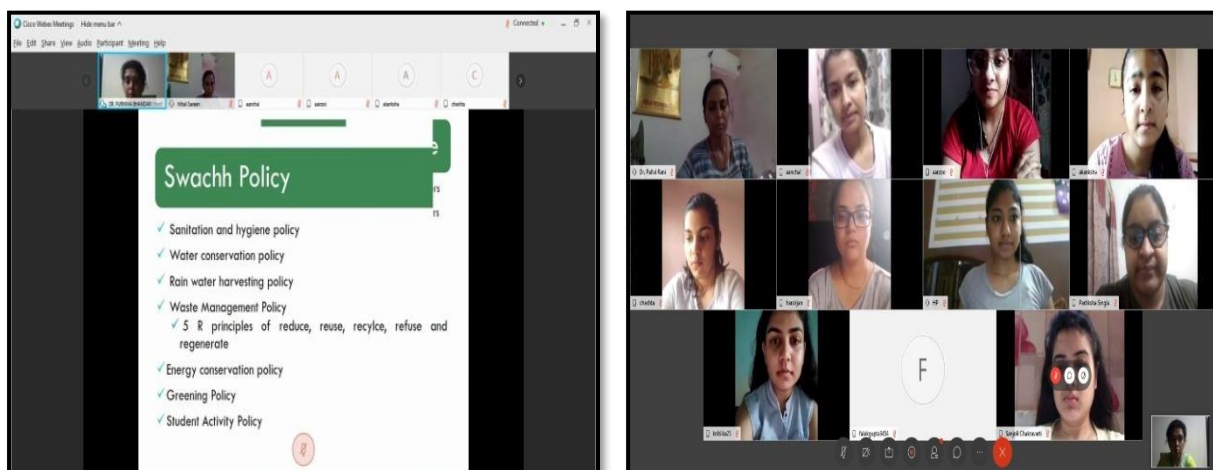
Practice: A webinar on the topic 'Swachh Campus and Jal Shakti' was conducted by the NSS units of the College in collaboration with MCM Eco-Club. Volunteers were encouraged to celebrate all the environment related days. Further,



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they were guided about Swachh policy and what should be our plan of action to achieve its goals.

Evidence of Success: The session was informative and volunteers gained insights about the several facts of Swachh Campus and Jal Shakti and also felt encouraged to develop a plan of action to achieve the goals of this cause.



ii. WEBINAR ON ENVIRONMENTAL AWARENESS- GREEN AUDIT AND ITS RELEVANCE

Date: 06 February, 2021

Number of participants: 115 (Students-46, Teaching Faculty-66 & Non-Teaching Staff-3)

Objective: To make the Teaching Faculty, Non-Teaching Staff and Students aware about the relevance of Green Audit; and to prepare the College for Green Audit.



Context: Development without taking into consideration the measures of safeguarding the environment leads to its degradation. The need today is to achieve sustainable growth along with safeguarding the environment. Green Audit is a tool to safeguard the environment as it helps in identifying

sustainable practices, improving waste management, enhancing the environment, controlling pollution and enabling the institution towards their green endeavours.



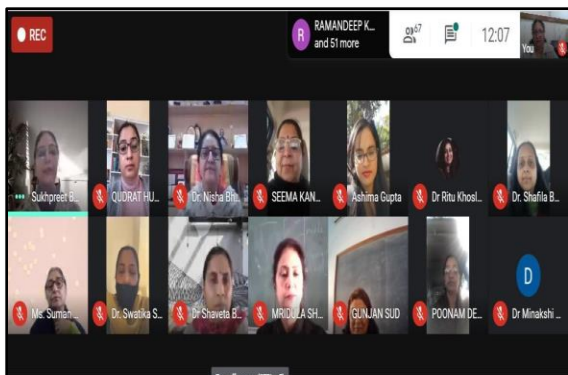
Practice: Mr Gaurav Raja Prakash, National Consultant, United Nations Development Programme and Consulting Partner, M/s The Ridge Environment Consultants, Shimla was the resource person for the webinar that sought to raise awareness about green audit and its

relevance. Principal, Dr Nisha Bhargava, in the inaugural address, highlighted the fact that the indiscriminate environment damaging activities of humans make green audit a very relevant topic for discussion. Dr Bhargava added that conscious of its responsibility towards the environment, the College undertakes various regenerative green measures including rainwater harvesting, harnessing of solar energy, production of biogas from mess food waste, vermicomposting, installation of sewage treatment plant and frequent tree plantation drives.

Stressing on the fact that the link between humans and nature needs to be revisited and refurbished, Mr Gaurav said that green audit at the individual as well as the organizational level is a pressing need of the present times. Defining green audit in simple terms, Mr Gaurav went on to elaborate upon its tangible and intangible benefits and shed light on the multi-level cost-effective strategies that ensure development while maintaining the existing natural system. Teaching (66) and non-teaching staff members (3), and students (46) benefitted from this webinar and resolved to work together for securing a better future for the generations to come.



Evidence of Success: The session proved to be highly informative. The Resource person suggested valuable strategies for the conservation of nature.



iii. AN INTERACTIVE SESSION ON 'BIOENERGY FROM FOOD WASTE'

Date: 06 February, 2021

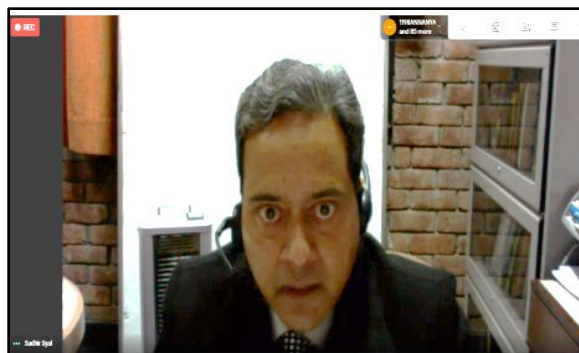
Number of participants: 95

Objectives:

- To manage food waste effectively
- To create awareness about how bioenergy could be created from food waste
- To discuss the need for such sustainable approach

Context: The exponential growth in food waste is imposing serious threats to our society including environmental pollution, health risk, and scarcity of dumping land. In order to reduce accumulation of food waste, there is an urgent need to take appropriate measures by adopting sustainable management practices. Various kinds of approaches have been identified and adopted in waste food processing and management for sustainable living.

Practice: On 6th February, 2021, MCM Eco-Club under the aegis of Swachhta Committee of Sciences organized an interactive session on "Bioenergy from Food Waste" where the resource person of the session was Dr Sudhir Kumar,

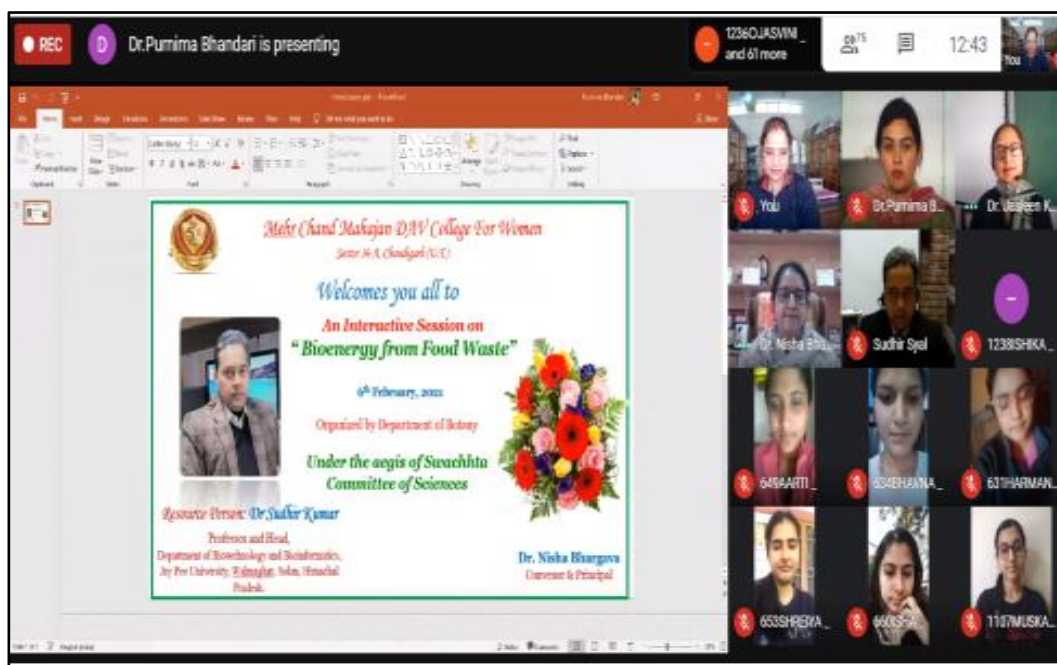


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Professor and Head, Department of Biotechnology and Bioinformatics, Jay Pee University, Wagnaghat, Solan Himachal Pradesh. The webinar witnessed the enthusiastic participation of around 95 participants. In her inaugural address, worthy Principal of the college Dr. Nisha Bhargava dwelt upon the need of harnessing renewable sources of energy including solar energy and biogas and enlightened the audience about the sustainable approaches undertaken by our College under Swachhta practices/Swachh Bharat scheme.

During the session, Dr. Sudhir gave insights about the different waste management practices including the production of biofuels in the form of Biogas. He further discussed the concept, fabrication as well as the utility of biogas plants. Several parameters including cost, maintenance, parameters that influence the production and functioning of biogas plants were also discussed. He further apprised the students about other innovative approaches used through his several videos. At the end of session, several queries were put up students which were addressed patiently by the resource person.

Evidence of Success: Overall, the session was successful as students were apprised about the concept of biogas and how it could be efficiently generated from food waste.

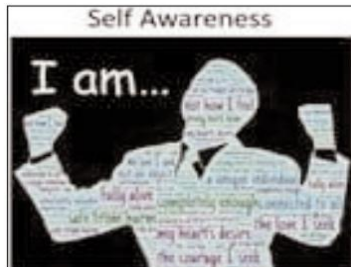


एमसीएम में बायोएनर्जी और सेल्फ अवेयरनेस पर सत्र आयोजित

चंडीगढ़ (ऋद्धम आचार्य /

हिमप्रभा)। मेहर चंद महाजन डीएवी कॉलेज फॉर वूमन की स्वच्छता समिति के तत्वावधान में वनस्पति विज्ञान विभाग ने फूड वेस्ट से बायोएनर्जी पर एक ऑनलाइन इंटरैक्टिव सत्र का आयोजन किया। सत्र का संचालन प्रोफेसर सुधीर कुमार, जैव प्रौद्योगिकी और जैव सूचना विज्ञान विभाग, जे पी विश्वविद्यालय, वाकनाघाट, सोलन (हिमाचल प्रदेश) ने किया।

वेबिनार में 95 से अधिक प्रतिभागियों ने उत्साहपूर्वक भाग लिया। उद्घाटन संबोधन में कॉलेज की प्रिंसिपल डॉ निशा भार्गव ने सौर ऊर्जा और बायोगैस सहित ऊर्जा के नवीकरणीय स्रोतों के दोहन की आवश्यकता पर जोर दिया तथा कॉलेज द्वारा सस्टेनबल प्रेक्टिसेस के लिए गए प्रयासों के बारे में दर्शकों को बताया। सत्र के दौरान डॉ सुधीर ने बायोगैस के रूप में जैव ईंधन के उत्पादन सहित विभिन्न अपशिष्ट प्रबंधन प्रथाओं के बारे में जानकारी दी। उन्होंने बायोगैस प्लांट की अवधारणा, निर्माण और उपयोगिता के बारे में चर्चा की। बायोगैस संयंत्र के उत्पादन और कामकाज को प्रभावित करने वाले तत्वों, लागत, रखरखाव, मापदंडों सहित कई विषयों पर चर्चा की गई। एक अन्य कार्यक्रम में, कॉलेज के स्नातकोत्तर वाणिज्य विभाग ने स्वच्छता समिति के तत्वावधान में सेल्फ अवेयरनेस- कैटेलाइजिंग इमोशनल इंटेलिजेंस शीर्षक पर एक ऑनलाइन इंटरैक्टिव सत्र आयोजित किया। सत्र का संचालन डॉ नैना शर्मा, डिपार्टमेंट ऑफ डिस्टेंस एजुकेशन, पंजाबी विश्वविद्यालय, पटियाला ने किया। सत्र के दौरान आत्म-जागरूकता की अवधारणा पर चर्चा की गयी। प्रतिभागियों को अपने भीतर के बारे में बेहतर तरीके से जागरूक करने के लिए विभिन्न गतिविधियाँ जैसे जोहरी विंडो, स्वोट विश्लेषण आदि के बारे में बताया गया। सत्र में प्रतिभागियों सही प्रकार से सांस लेने की प्रक्रिया तथा इसके प्रभावों के बारे में भी बताया गया।



iv. AWARENESS LECTURE ON WASTE MANAGEMENT

Date: 24 March, 2021

Number of participants: 81

Objectives:

- To generate awareness regarding the need of waste management
- To spread awareness regarding 7Rs of Solid Waste Management that includes Refuse, Reduce, Repurpose, Reuse, Recycle, Rot and Rethink

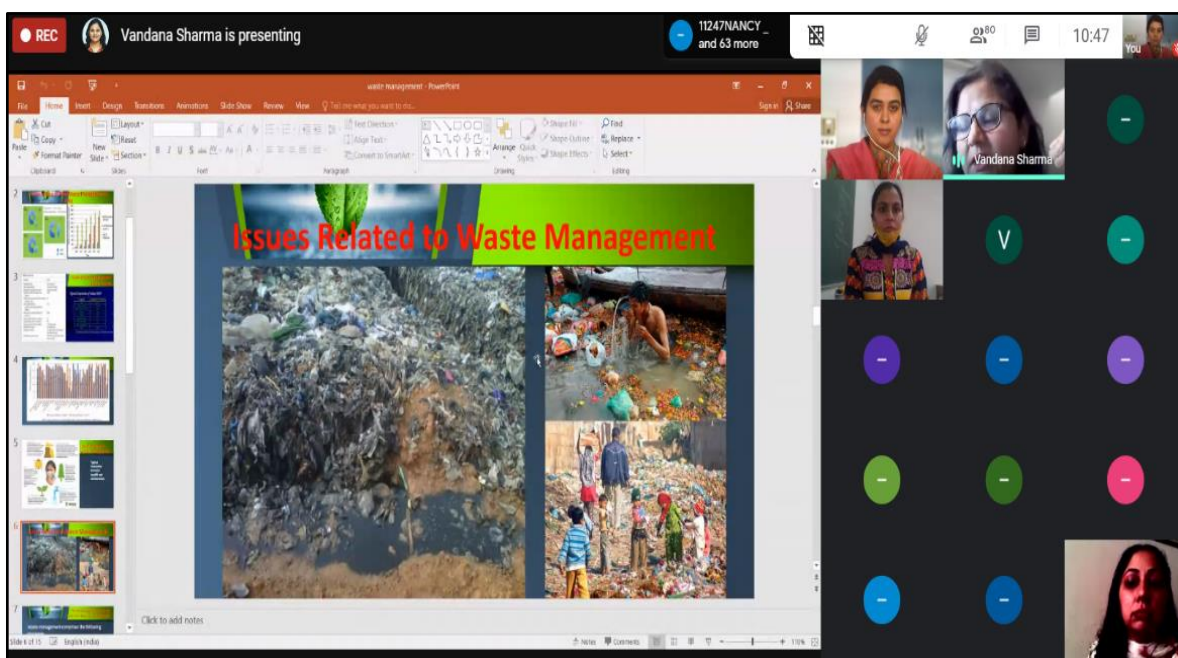
Context: Waste Management is all about how waste can be changed and used as a valuable resource. Due to rapid industrialization and urbanization, there is an increase in the generation of municipal waste that needs to be addressed as improper disposal of waste has an undesirable impact on health and environment. With this motive, a lecture on waste management was organized by the NSS Units in collaboration with MCM Eco-Club.

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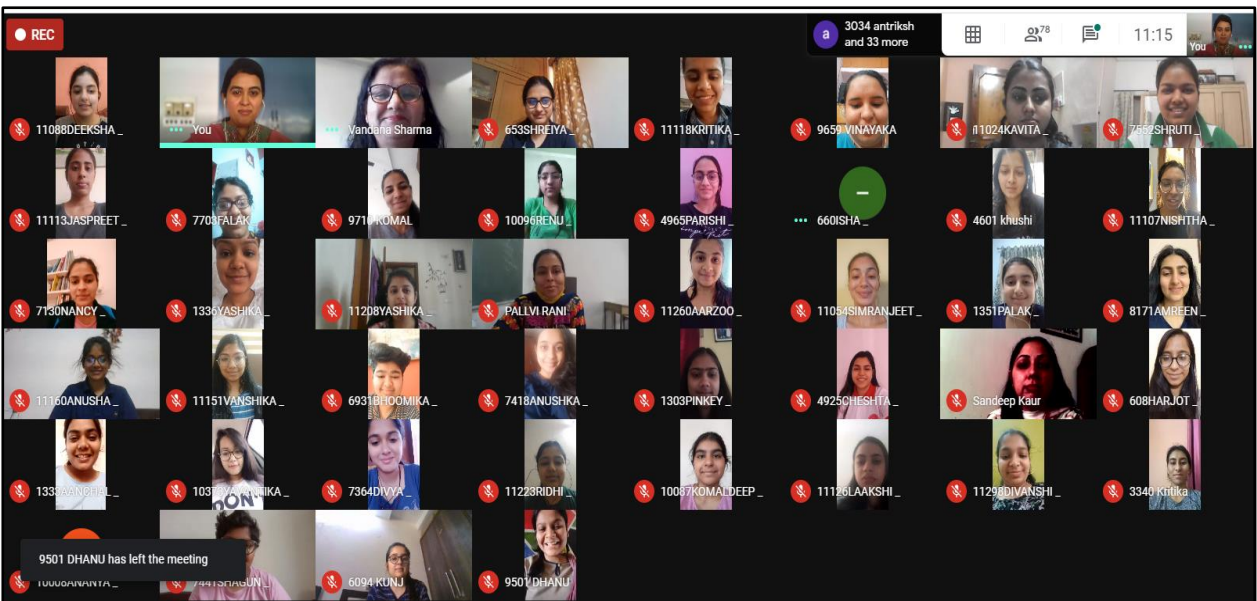
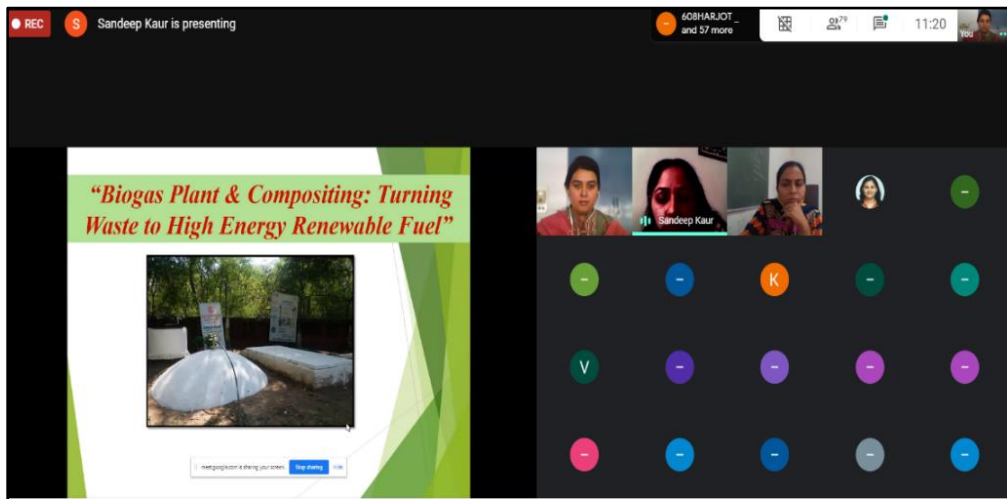
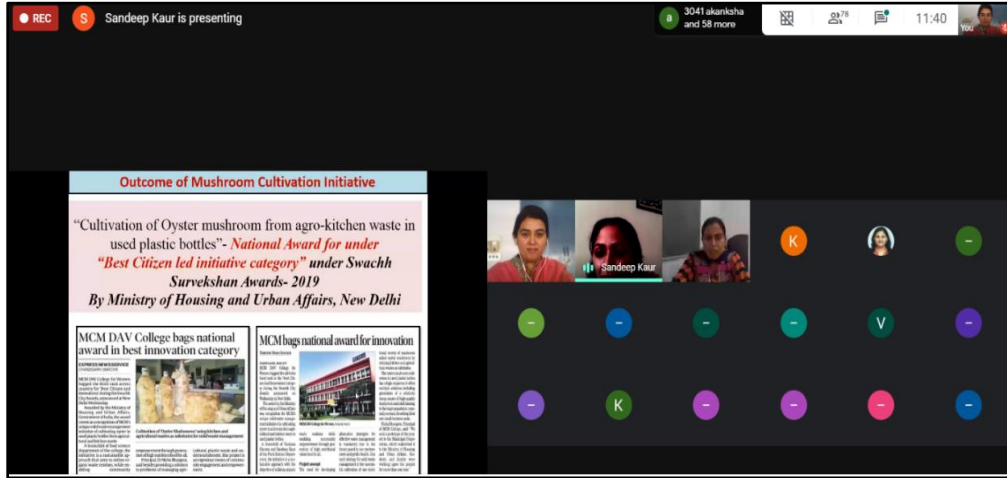
Practice: Dr. Vandana Sharma and Dr. Sandeep Kaur from the Department of Microbial and Food Technology, were invited as resource persons for the lecture on 'Solid Waste Management Techniques'. Participants were acquainted and informed of the various practices of solid waste management and their significance. Reviewing the statistical and factual data on the situation, Dr. Vandana Sharma apprised the students about the different methods used for waste management which include Sanitary Landfills, Incineration, Recycling, Composting, and many more.

In addition, Dr. Sandeep Kaur enlightened the participants with the several awards that our college has achieved in the last years for being the pioneer in handling the waste material efficiently such as production of mushroom from waste in plastic bottles etc. Volunteers were also briefed about the various ongoing projects and achievements of the College in the field of Swachhta that included construction of Biogas plant, Compost and Vermicompost Units, and Sewage Treatment plant.

Evidence of Success: At the end of the session, volunteers were aware of the need of adopting different waste management practices and were determined to adopt the practices in their Village Badheri, adopted under NSS.



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B3. PUPPET SHOW/ NUKKAD NATAK/ DRAMAS

Rehearsals for Nukkad Natak were done but the event could not be organized due to COVID-19 pandemic.

B4. PAINTING/DRAWING/POSTER COMPETITIONS ON ENVIRONMENTAL ISSUES

i. NATIONAL LEVEL ONLINE POSTER MAKING COMPETITION ON THE TOPIC "CHEMICAL SQUANDERING AND MANAGEMENT".

Date: 23-30 September, 2020

Context: Post Graduate Department of Chemistry under the aegis of MCM Eco-Club, organized a National Level Online Poster Making competition on the topic "**Chemical Squandering and Management**". This event focused on the management of toxic chemical waste produced in laboratories.

Practice: The event saw enthusiastic participation from colleges across India. There were more than 70 entries from students of under-graduate and post graduate level. The event highlighted the generation of chemical wastage and ways in which it can be tackled effectively. By making very innovative and unique posters, the students depicted chemical wastes being produced in the laboratories and techniques to effectively manage it by using the principle of 3R's (Reduce, Reuse and Recycle). The First prize a cash award Rs 2000 was bagged by Gurleen Benipal, B.Sc. I, PGGC

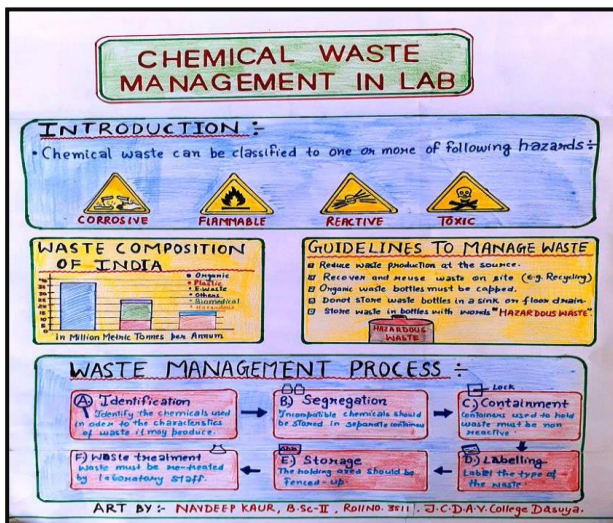


Sector 11, Chandigarh, the second prize a cash award of Rs. 1500 was won by Navdeep Kaur, B.Sc. II, J.C.DAV College Dasuya, the Third Prize of Rs. 1000 went to Neha Nayal, B.Sc. I, P.G.G.C. Sector 11, Chandigarh and a consolation Prize of Rs.

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500 was won by Arushi Dhiman, B.Sc. I, Mehr Chand Mahajan DAV College for Women, Chandigarh.

Evidence of Success:



एमसीएम में ऑनलाइन पोस्टर मेकिंग प्रतियोगिता



चंडीगढ़ (हिमप्रभा ब्यूरो)। मेहर चंद महाजन डीएवी कॉलेज फॉर वीमेन की स्वच्छता समिति के तत्वावधान में पोस्टग्रेजुएट डिपार्टमेंट ऑफ़ केमेस्ट्री ने एक महत्वपूर्ण विषय 'केमिकल स्कॉयरिंग एंड मैनेजमेंट' पर एक ऑनलाइन पोस्टर मेकिंग प्रतियोगिता का आयोजन किया। इस प्रतियोगिता का उद्देश्य प्रयोगशालाओं में उत्पादित जहरीले रासायनिक अपशिष्टों के प्रबंधन की आवश्यकता के बारे में जागरूकता बनाना था। इस प्रतियोगिता के लिए देशभर से 70 से अधिक प्रविष्टियाँ प्राप्त हुईं जिसमें कि प्रयोगशालाओं में रसायनों के अपव्यय और इसके प्रबंधन को प्रभावी रूप से प्रदर्शित किया गया। विजेताओं को नकद पुरस्कार से सम्मानित किया गया और सभी प्रतिभागियों को ई-प्रमाण पत्र से सम्मानित किया गया। प्रतियोगिता में पीजीजीसी -11, चंडीगढ़ की गुरलीन बेनीवाल को पहला पुरस्कार मिला जबकि जेसीडीए कॉलेज, दसुआ की नवदीप कौर तथा पीजीजीसी -11, चंडीगढ़ की नेहा नायल को क्रमशः दूसरा व तीसरा पुरस्कार दिया गया। एमसीएम डीएवी कॉलेज फॉर वीमेन, चंडीगढ़ की अरुशी धीमान को सांत्वना पुरस्कार दिया गया। कॉलेज की प्रिंसिपल डॉ निशा भार्गव ने केमेस्ट्री डिपार्टमेंट के रासायनिक स्कॉयरिंग के प्रासंगिक मुद्दों के बारे में जागरूकता बढ़ाने की इस पहल की सराहना की।

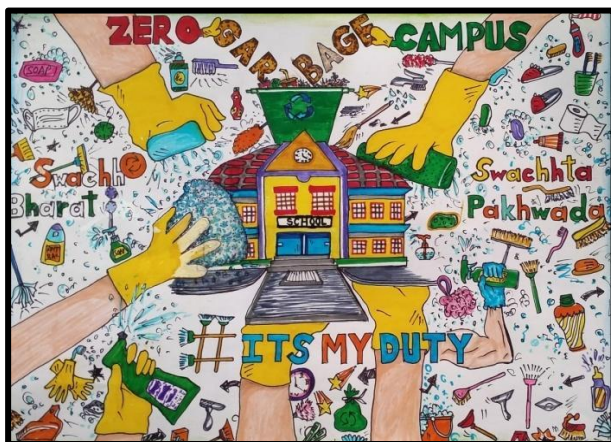
ii. POSTER MAKING COMPETITION ON 'WORKPLACE CLEANLINESS'

Date: 26 October, 2020

Number of participants: 103

Objective: A National level online poster making competition was organized with the aim to sensitize the students and spread awareness about the importance of cleanliness at work place. The students were given an opportunity to showcase their creativity and expression on the theme.

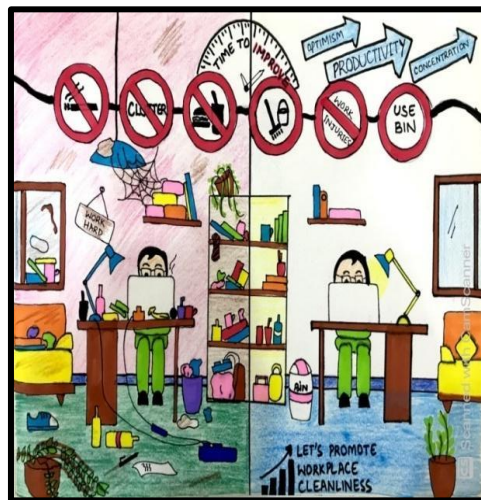
Context: It has been rightly said that "A Clean Workplace is a Safe Workplace".



Cleanliness at workplace improves the credibility of a business. Under the New Normal, this concept has gained a lot of importance as hygienic conditions at work ensure the safety of the staff and all the stakeholders, thereby making the business sustainable. There are various facets of workplace cleanliness like greening the

office spaces, innovations at workplace to maintain cleanliness, layout and interiors of a workplace, spreading awareness through display boards in the office premises and many more. Keeping this in view, the Swachhta Committee (Commerce) in collaboration with MCM Eco-Club organized this competition to spread awareness among masses about various perspectives of workplace cleanliness.

Practice: The competition was organized by the Swachhta Committee (Commerce) and the Cleanliness Committee in the month of October, 2020. The entries were invited till 20th October, 2020 and the result of the competition was declared on 26th October, 2020. A poster carrying the information related to the activity was prepared and shared with students through various



WhatsApp groups. A google form was created for students to register and upload their posters.

Outcome of the activity: The activity helped to spread awareness and motivate students to keep their surroundings and workplace clean. It helped them to understand their role as responsible citizens and contribute to the cause of Swachhta.

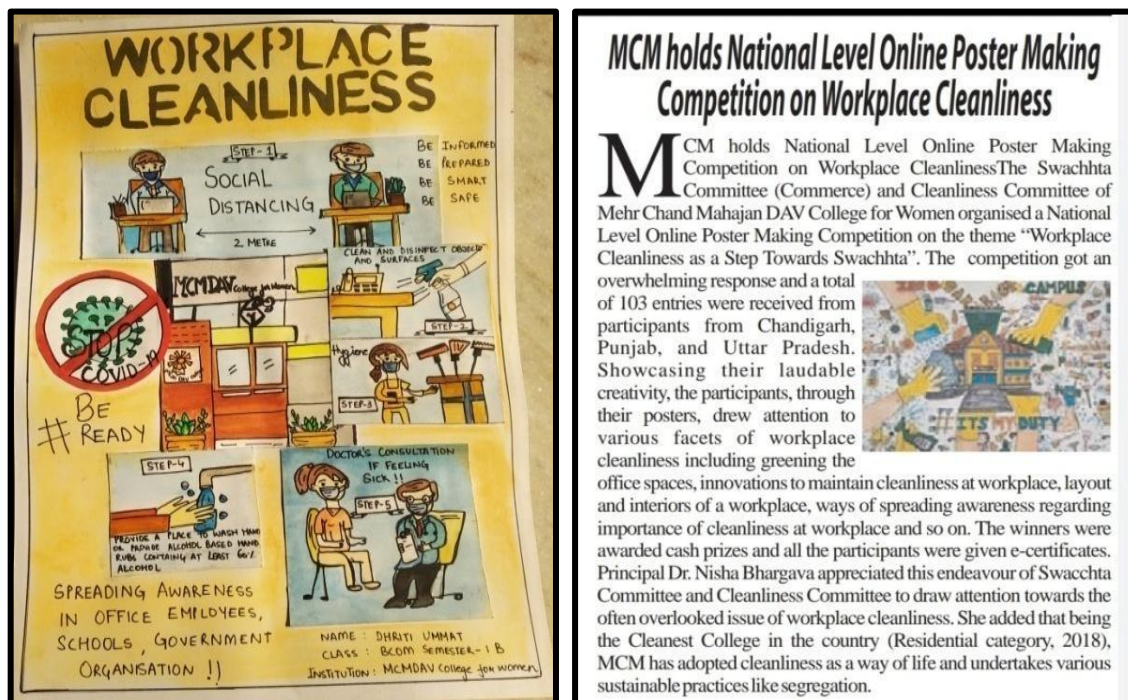


Evidence of Success: The competition got an overwhelming response and a total of 103 entries were received from Chandigarh, Punjab and Uttar Pradesh. The First prize worth Rs 2000/- was won by Ms. Nishtha Vij of Mehr Chand Mahajan DAV College for Women, the second prize worth Rs 1500/- was won by Mr. Sukhmanpreet Singh of Post Graduate Government College, Sector 11,

ACTION TAKEN REPORT OF MCM ECO-CLUB 'PARIVESH' - APRIL, 2020- MARCH, 2021

Chandigarh, third prize worth Rs 1000/- was won by Ms. Dhriti Ummat of Mehr Chand Mahajan DAV College for Women and the consolation prize worth Rs. 500/- was won by Ms. Harmandeep Kaur of A.S. College of Education, Khanna.

Principal Dr. Nisha Bhargava appreciated the efforts of the Swachhta Committee (Commerce) and the Cleanliness Committee. She added that being the Cleanest College in the Country (Residential category, 2018), MCM has adopted cleanliness as a way of life and undertakes various sustainable practices as a routine.



iii. COMPETITIONS ON THE THEME 'GO ECO-FRIENDLY' TO CELEBRATE GREEN DIWALI FEST

Date: 3-7 November, 2020

Number of participants: 100

Character Building Committee of the college & MCM Eco-Club, under the able guidance of worthy Principal, Dr. Nisha Bhargava organized several competitions to spread the message to celebrate Green Diwali. The competitions included Poster Making, Short Film making, Pot Decoration, Rangoli Making and Kandil Making

RESULT OF POT DECORATION



**FIRST PRIZE: Debapriya
Class: B.A. Second Year
Roll number: 8945**



**SECOND PRIZE: Neha Goyal
Class: B.A. Second Year
Roll number: 6994**



**SECOND PRIZE: Aditi Joshi
Class: B.A. First Year
Roll number: 3359**



**THIRD PRIZE: Shraddha Singh
Class: B.Sc. MFT First Year
Roll number: 5057**



**CONSOLATION PRIZE: Varnika
Class: B.Sc. MFT First Year
Roll number: 1353**

RESULT OF KANDIL MAKING



FIRST PRIZE: Simran Galhotra
Roll number: 3694
Class: B.A. First Year



SECOND PRIZE: Aditi Joshi
Class: B.A. First Year
Roll number: 3359



THIRD PRIZE: Inderjot
Class: B.Com. Second Year
Roll number: 10007

RESULT OF RANGOLI MAKING



FIRST PRIZE: Aditi Joshi
Roll number: 3359
Class: B.A. First Year



SECOND PRIZE: RISHIKA
Roll number: 3107
Class: B.A. First Year



CONSOLATION PRIZE: Guneet Kaur, Class: B.A. First Year

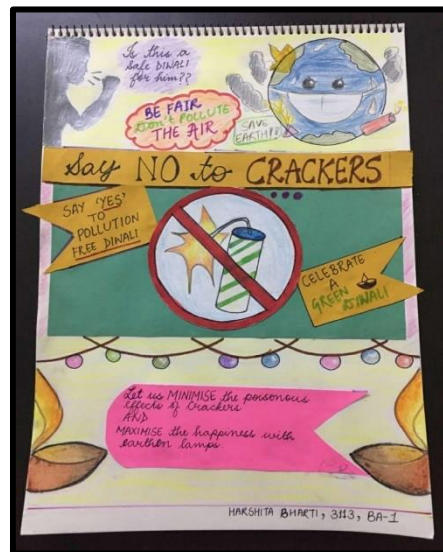


CONSOLATION PRIZE: Divya Dhawan
Roll Number: 3267, Class: B.A. First Year

RESULT OF POSTER MAKING



FIRST PRIZE: Harshita Bharti
Roll Number: 3113; Class: B.A. First Year



SECOND PRIZE: Bhawna Rani
Roll Number: 3218; Class: B.A. First Year



THIRD PRIZE: Vasundhra Thakur
Roll Number: 3126
Class: B.A. First Year



CONSOLATION PRIZE: Aditi Joshi
Roll Number: 3359
Class: B.A. First Year

इको-फ्रेंडली दिवाली का आयोजन

चंडीगढ़। उत्सव की भावना को फिर से जागृत करने और महामारी द्वारा लाये गए निराशा के अंधेरे को दूर करने के लिए, मेहर चंद महाजन डीएवी कॉलेज फॉर वीमेन की चरित्र निर्माण समिति ने गो इको : ग्रीन दिवाली फेस्ट का आयोजन किया। दीवाली उत्सव को पर्यावरण के अनुकूल मनाने का संदेश देने एवं समाज के उत्थान के संकल्प के उद्देश्य साथ, चरित्र निर्माण समिति ने इस उत्सव में विभिन्न प्रतियोगिताओं का आयोजन किया। से नो टू क्रैकर्स विषय पर पोस्टर मेकिंग, वेज टू प्रमोट इंडियन दियाज विषय पर शॉर्ट फिल्म, गो ग्रीन विषय पर पॉट डेकोरेशन, रंगोली मेकिंग विद ईको प्रोडक्ट्स तथा कंदील मेकिंग प्रतियोगिताओं में छात्राओं ने उत्साहपूर्वक भाग लिया। प्रविष्टियों ने न केवल प्रतिभागियों की अनुकरणीय रचनात्मकता को प्रतिबिंबित किया, बल्कि पर्यावरण संरक्षण के लिए उनकी संवेदनशीलता को भी प्रदर्शित किया। सर्वश्रेष्ठ विजेता प्रविष्टियों को ई-प्रमाणपत्र से सम्मानित किया गया।

एम.सी.एम. में गो इको-ग्रीन दीवाली फेस्ट का आयोजन

चंडीगढ़, 16 नवम्बर (आशीष): एम.सी.एम. डी.ए.वी. कॉलेज फॉर वुमेन की चरित्र निर्माण समिति ने 'गो इको-ग्रीन दीवाली फेस्ट' का आयोजन किया। दीवाली उत्सव को पर्यावरण के अनुकूल मनाने का संदेश देने एवं समाज के उत्थान के संकल्प के उद्देश्य साथ, चरित्र निर्माण समिति ने इस उत्सव में विभिन्न प्रतियोगिताओं का आयोजन किया। 'से नो टू क्रेकर्स' विषय पर पोस्टर मेकिंग, वेज टू प्रमोट इंडियन दिया 'विषय पर शॉर्ट फिल्म, 'गो ग्रीन' विषय पर पॉट डेकोरेशन, रंगोली मेकिंग विद ईको प्रोडक्ट्स तथा कंदील मेकिंग प्रतियोगिताओं में छात्राओं ने उत्साहपूर्वक भाग लिया। विजेता प्रविष्टियों को ई-प्रमाणपत्र से सम्मानित किया गया। पोस्टर मेकिंग प्रतियोगिता में हर्षिता भारती ने पहला स्थान प्राप्त किया, जबकि भावना रानी तथा वसुंधरा ठाकुर को दूसरा व तीसरा स्थान

मिला। अदिति जोशी को सांत्वना पुरस्कार दिया गया। पॉट डेकोरेशन में देबप्रिया ने पहला पुरस्कार जीता, जबकि नेहा गोयल तथा शराबा सिंह को दूसरा व तीसरा पुरस्कार दिया गया। वर्णिका ने इस प्रतियोगिता में सांत्वना पुरस्कार जीता। रंगोली में अदिति जोशी ने पहला पुरस्कार जीता, जबकि ऋषिका और गुनीत को दूसरा व तीसरा पुरस्कार दिया गया। कंदील मेकिंग में सिमरन गल्होत्रा ने पहला पुरस्कार जीता जबकि अनुष्का और इन्दरजोत को दूसरा व तीसरा पुरस्कार मिला। बेस्ट शॉर्ट फिल्म के लिए नीरज सगवाल को सम्मानित किया गया। प्रिंसिपल डॉ. निशा भार्गव ने समिति की इस पहल के लिए सराहना करते हुए कहा कि इस प्रकार के आयोजन छात्राओं को एक सशक्त चरित्र के साथ राष्ट्र के जागरूक नागरिक बनाने के उद्देश्य में सहायक होंगे।

एमसीएम डीएवी कॉलेज में इको-फ्रेंडली दीवाली का आयोजन

ह्यूमन इंडिया / विनोद कुमार

चंडीगढ़। उत्सव की भावना को फिर से जागृत करने और महामारी द्वारा लाये गए निराशा के अंधेरे को दूर करने के लिए, मेहर चंद महाजन डीएवी कॉलेज फॉर वीमेन की चरित्र निर्माण समिति ने गो इको: ग्रीन दीवाली फेस्ट का आयोजन किया। दीवाली उत्सव को पर्यावरण के अनुकूल मनाने का संदेश देने एवं समाज के उत्थान के संकल्प के उद्देश्य साथ, चरित्र निर्माण समिति ने इस उत्सव में विभिन्न प्रतियोगिताओं का आयोजन किया। से नो टू क्रेकर्स विषय पर पोस्टर मेकिंग, वेज टू प्रमोट इंडियन दिया विषय पर शॉर्ट फिल्म, गो ग्रीन विषय पर पॉट डेकोरेशन, रंगोली मेकिंग विद ईको प्रोडक्ट्स तथा कंदील मेकिंग प्रतियोगिताओं में छात्राओं ने उत्साहपूर्वक भाग लिया। प्रविष्टियों ने न केवल प्रतिभागियों की अनुकरणीय रचनात्मकता को प्रतिबिंबित किया, बल्कि पर्यावरण संरक्षण के लिए उनकी संवेदनशीलता को भी प्रदर्शित किया। सर्वश्रेष्ठ विजेता प्रविष्टियों को ई-प्रमाणपत्र से सम्मानित किया गया। पोस्टर मेकिंग प्रतियोगिता में हर्षिता भारती ने पहला स्थान प्राप्त किया जबकि भावना रानी तथा वसुंधरा ठाकुर को क्रमशः दूसरा व तीसरा स्थान मिला। अदिति जोशी को सांत्वना पुरस्कार दिया गया। पॉट डेकोरेशन में देबप्रिया ने पहला पुरस्कार जीता जबकि नेहा गोयल तथा शराबा सिंह को क्रमशः दूसरा व तीसरा पुरस्कार दिया गया। वर्णिका ने इस प्रतियोगिता में सांत्वना पुरस्कार जीता। रंगोली में अदिति जोशी ने पहला पुरस्कार जीता जबकि ऋषिका और गुनीत को क्रमशः दूसरा और तीसरा पुरस्कार दिया गया। कंदील मेकिंग में सिमरन गल्होत्रा ने पहला पुरस्कार जीता जबकि अनुष्का और इन्दरजोत को क्रमशः दूसरा व तीसरा पुरस्कार मिला। बेस्ट शॉर्ट फिल्म के लिए नीरज सगवाल को सम्मानित किया गया। कॉलेज की प्रिंसिपल डॉ. निशा भार्गव ने चरित्र निर्माण समिति की इस अनूठी पहल के लिए सराहना करते हुए कहा कि इस प्रकार के आयोजन छात्राओं को एक सशक्त चरित्र के साथ राष्ट्र के जागरूक नागरिक बनाने के उद्देश्य में सहायक होंगे। उन्होंने कहा कि इस प्रयास के माध्यम से छात्राओं को सन्देश दिया गया है कि कठिन समय के दौरान भी धैर्य, साहस और हिम्मत से काम लेकर अपने मनोबल को हमेशा ऊंचा रखना चाहिए क्योंकि प्रत्येक दिन कुछ न कुछ उत्सव मनाने लायक है।

किया। संपादक : श्याम सुंदर बंसल *। संपादकीय कार्यालय 45/5, च्यांतलाल बिल्डिंग, फ़. 0124-4048636, ई-मेल: humanindianews@gmail.com

iv. E-WASTE MODELLING CONTEST

Date: 06 January, 2021

Number of participants: 17

E-Waste Modelling Contest was carried out online for managing e-waste in a better way to sensitize the students about the need to 'reduce, recycle and reuse'.

The guidelines for the contest were as follows:

1. Students had to submit three photographs of model making process:
 - a) Raw material/components before assembling
 - (b) Intermediate level
 - (c) Final product.
2. Cash prizes of Rs. 1500, Rs. 1000 and Rs. 500 were also announced for Best three models.

Models were judged by Ms Deepti Sharda, Dr Mandeep Chawla and Ms Navdeep Kaur on the basis of creativity, utility of the product and overall presentation.

Evidence of Success: Around 17 participants showcased the creativity and utility of their products. It was a hands-on experience for the participants which also helped them to research, create, collaborate and communicate. Participants constructively made use of CPU fans, old batteries, LED bulbs, motors, motherboards, wires, cells CDs, solar mini plates, headphones to make interesting items such as Water Dispenser, working car model, Rubber and power car, Shoes, Houses/Hut, Wall Hanging, Cycle Organizer, Decorative Pieces, Night Lamps, Robot and Starry Night Painting. Hence, several creative ideas to re-use e-waste material came forth from the students thereby fulfilling the primary objective of the competition.



The result of the competition is as follows-

- First position - Navya Chhatwani (B.Com. III)
- Second position - Aastha Mittal (BCA II)
- Third position - Piezal Singh (BCA II)

ई-मॉडलिंग में नव्या, वीडियो बनाने में नवदीप रहीं प्रथम

एमसीएम में ई-वेस्ट मॉडलिंग प्रतियोगिता में छात्राओं की और से बनाई गई वस्तुएं।

माई सिटी रिपोर्टर

प्रथम, आस्था मित्तल द्वितीय और पैजल तृतीय रहीं। वीडियो मेकिंग प्रतियोगिता में शामिल विद्यार्थियों ने लॉकडाउन के दौरान चिकित्सा, स्वच्छता, मोबाइल एप इत्यादि क्षेत्रों में हुए बदलाव व नवाचार पर वीडियो बनाई। इस प्रतियोगिता में नवदीप और ने पारला, किरनदीप और शीशिका गर्ग ने क्रमशः दूसरा व तीसरा स्थान पाया। कॉलेज प्राचार्य डॉ. निशा भार्गव ने कंप्यूटर विभाग और प्रतिभागी विद्यार्थियों के प्रयासों को सराहना की।

चंडीगढ़। एमसीएम डीएच कॉलेज-36 के कंप्यूटर विभाग ने नवाचार विषय पर ई-मॉडलिंग और वीडियो बनाने की प्रतियोगिता का आयोजन किया। ई-वेस्ट मॉडलिंग में 17 जबकि वीडियो मेकिंग प्रतियोगिता में 19 प्रतिभागियों ने हिस्सा लिया। इस दौरान विद्यार्थियों ने ई-कचरे का इस्तेमाल कर उनसे उपयोगी वस्तुएं बनाईं। इसमें नव्या

नवाचार पर वीडियो एवं ई-वेस्ट मॉडलिंग प्रतियोगिता

चंडीगढ़, 18 जनवरी। एमसीएम डीएच कॉलेज फॉर वीमेन के डिपार्टमेंट ऑफ कंप्यूटर साइंस एंड एप्लीकेशंस ने 'कोविड - 19 मसलमारी के दौरान नवाचार' विषय पर 2-मिनट वीडियो मेकिंग प्रतियोगिता का आयोजन किया। कुल 19 प्रतिभागियों ने प्रतियोगिता के लिए पंजीकरण करवाया एवं चिकित्सा, स्वच्छता, कृत्रिम बुद्धिमत्ता, और मोबाइल ऐप सहित विभिन्न क्षेत्रों में मसलमारी के दौरान नवाचारों पर अपनी प्रस्तुति दी। एक अन्य गतिविधि में इसी विभाग ने स्वच्छता समिति के तत्वावधान में ई-वेस्ट मॉडलिंग प्रतियोगिता का आयोजन किया। इस प्रतियोगिता में कुल 17 प्रतिभागियों ने ई-कचरे का उपयोग करके उपयोगी वस्तुएं बना कर अपनी रचनात्मकता को प्रदर्शित किया। नवाचार पर दो मिनट वीडियो प्रतियोगिता में नवदीप कौर ने पहला स्थान प्राप्त किया जबकि किरनदीप और शीशिका गर्ग को क्रमशः दूसरा एवं तीसरा स्थान मिला। ई-वेस्ट मॉडलिंग प्रतियोगिता में नव्या ने पहला स्थान प्राप्त किया। आस्था मित्तल और पैजल को क्रमशः दूसरा और तीसरा स्थान मिला। कॉलेज की प्रिंसिपल डॉ. निशा भार्गव ने छात्राओं को अपनी रचनात्मकता को प्रदर्शित करने के लिए एक मंच प्रदान के लिए कंप्यूटर विज्ञान विभाग के इस प्रयास की सराहना करते हुए कस कि नवाचारों, ई-कचरे के प्रबंधन आदि जैसे महत्वपूर्ण क्षेत्रों के बारे में छात्राओं को जागरूक करने के लिए इस प्रकार की गतिविधियां अनिवार्य हैं।

B5. CREATING GREEN CORNERS IN THE SCHOOLS DISPLAYING ENVIRONMENTAL RELATED MATERIALS SUCH AS HERBARIUM, SEEDS, DRY ROOTS, ETC.



ACTION TAKEN REPORT OF MCM ECO-CLUB 'PARIVESH' - APRIL, 2020- MARCH, 2021







II. VISIBLE ENVIRONMENTAL IMPACTS AT COLLEGE

1. ESTABLISHMENT & MAINTENANCE OF COLLEGE GARDEN (VEGETABLE/ MEDICINAL/ FLOWER/ FRUITS)

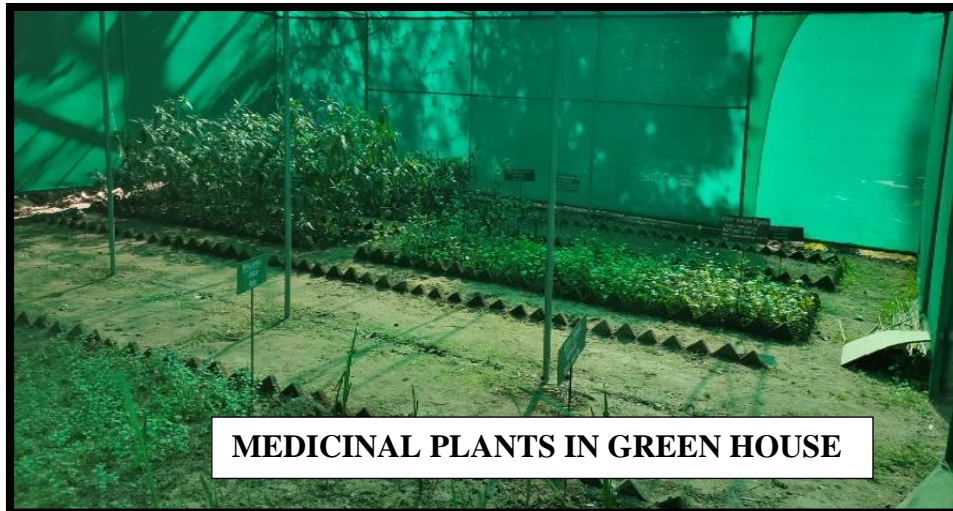
Our college has a magnificent green cover area. Besides, the splendid and sprawling lawns, the entire college has a tree cover and flower beds having a diverse variety of ornamentals and greens and a well-developed Botanical Garden. The Botanical Garden has different varieties of herbal and medicinal plants as well as Biodiversity Pond, vertical walls and artificial forest. Another feature, Organic Farming has been introduced under sustainable practices. The gardeners have been deputed at the designated areas for regular maintenance of the green campus.



VERTICAL WALL



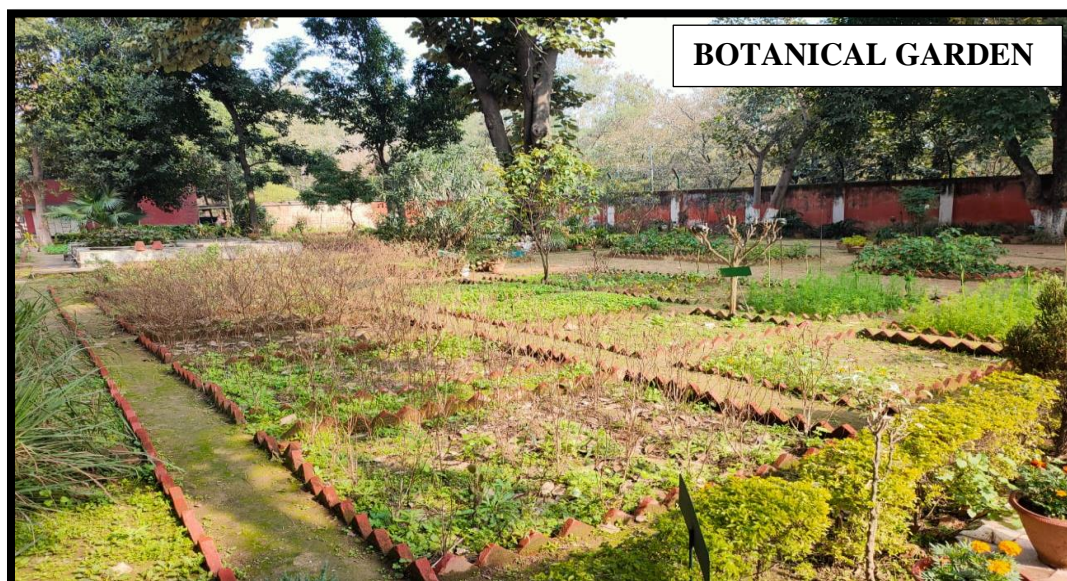
GREEN HOUSE



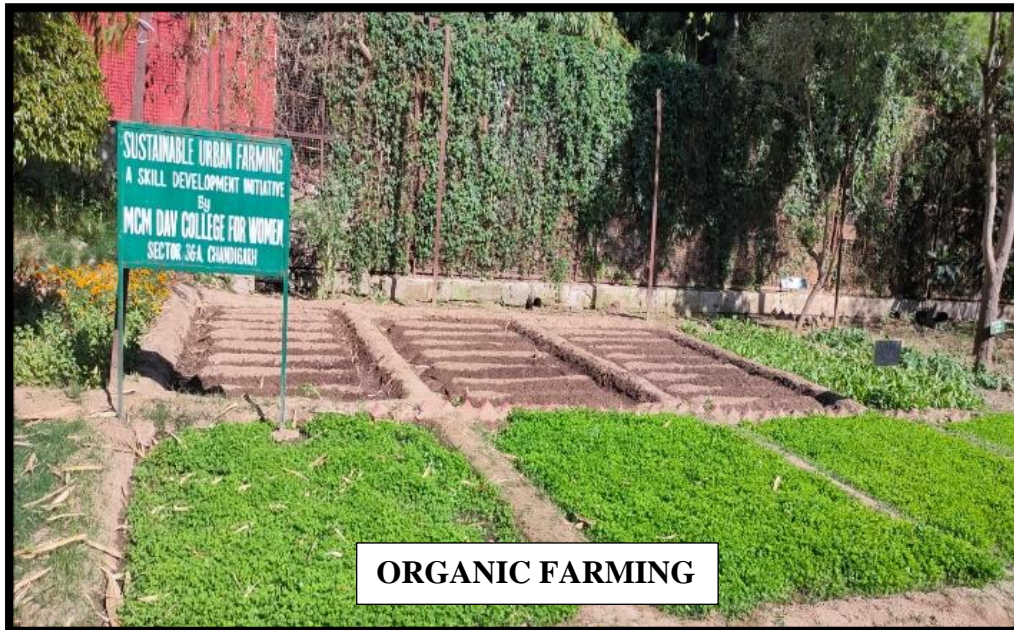
MEDICINAL PLANTS IN GREEN HOUSE



RISHI VATIKA



BOTANICAL GARDEN



2. PLANTING AND NURTURING OF TREES IN COLLEGE

Committed to the cause of Cleaner and Greener Earth, Plantation Drive was organized by the Department of Botany in collaboration with MCM Eco-Club to mark the celebration of Van Mahotsav



on 13 July, 2020. The drive commenced with the plantation of a tree sapling by



the Principal Dr. Nisha Bhargava. Following this tree saplings and plants of medicinal importance were planted in different areas of the college including the Rishi Vatika, Green House and Artificial Forest by the faculty of the college.

In order to reduce water wastage, sprinklers are used in our college campus to maintain optimum level of soil moisture. Different areas of the college like the Front Lawn, the Arts block, the Sports block, the Science block as well as the Rishi Vatika area have lawns where water sprinkler system is being used on a regular basis. The campus has been divided into different zones and different time intervals have been allotted for watering. Water is sprinkled for 20-30 minutes thrice a week which ensures proper coverage of the area and reduces wastage.





3. WASTE MANAGEMENT THROUGH COMPOSTING/ VERMIN COMPOSTING/ RECYCLING

i. BIOGAS AND COMPOSTING

Solid waste management is one of the most important issues concerning environment that must be thought about seriously to attain sustainable development of a society. Wet or biodegradable waste are typically the greatest component of a waste stream, take the highest disposal cost and have the highest potential to emit greenhouse gases in landfills. Hence, there is need to adopt a sustainable waste management system to reduce the burden on the municipality for proper handling and disposal of the waste. With this objective in mind, MCM DAV College for Women, Chandigarh started an innovative program to manage different types of wet waste generated in the campus by using comprehensive, scientific and environment-friendly approaches to decentralize solid waste management practices.

Anaerobic digestion (AD) is a controlled biological degradation process which is a promising method to manage the wet waste to convert it into methane and CO₂. Under the aegis of RUSA, the construction of a biogas plant and compost units was started in the campus in September, 2017. The purpose of this initiative was to manage all the leftover and raw food waste generated in the college hostels and campus. The hostel messes along with other food kiosks in the campus generate around 80 kg of solid food waste per day.

The size of the biogas reactor is 5 cubic meter which is of sufficient capacity to utilize all the solid food waste generated in the college. For the effective start of the functioning of biogas plant, initially, the plant digester is fed with fresh cow dung. The cow dung was procured from nearby Gaushala.



Addition of Cow dung to Initiate the Production of Biogas



Once the gas production started after 15 days, the feeding of food waste started on daily basis. Every day approx. 70-80 Kg food waste is collected from the mess as well as college campus and transported to the plant in big bins. The required quantity of water is mixed with the solid waste in the inlet tank. The food waste is homogenized using the manual agitator in the mixing tank. Feeding of the waste to the digester is done by opening the hole at the bottom of the mixing tank and discharged to the digester vessel for digestion.

The gas produced through methanogenesis in the digester is collected in the dome. At the top of the dome, a stop cock valve is provided. A flexible pipeline is connected to it up to the canteen kitchen of the college, where it is connected to the biogas stove.



Biogas is the most important alternative and useful energy source which is technically feasible and economically viable than other approaches. The biogas generated through this 'Waste to Energy' project is used for cooking purpose in the college canteen.

ii. COMPOSTING UNITS

After the digestion, the digested slurry coming out of the digester in the outlet tank is the rich fertilizer. The digested slurry flows to the outlet drain through the overflow opening in the outlet tank of biogas plant. Outlet drains are connected with composting pits constructed at the pullet of the digester. The slurry flows to the composting pits to augment the degradation of garden waste added in the composting pits.



The digested slurry flows to the Composting Units

Under the aegis of Rashtriya Uchchatar Shiksha Abhiyan (RUSA), three composting units of dimensions 10 by 15 feet were constructed. This initiative was taken under Swachh Bharat Abhiyan where main aim was to recycle the green waste (i.e. plant litter) generated in the college campus into manure, which could be further utilized for gardening purpose.



Mixing of Digested Slurry from Biogas Reactor with Garden Waste

Every day about 30-40 kg green waste generated in the college is fed to the composting units which is then mixed with the digested slurry. The slurry flowing to the composting pits is not only improving the nutritive value of the manure generated but also augmenting the degradation of garden waste added in the composting pits.

Using these renewable practices, the college is converting solid wet waste into fertilizer and biofuel to extend the life of landfills, create economic and environmental benefits. This project is saving the money of the college for purchase of artificial market fertilizers and promoting the concept of organic farming. There is active participation of faculty members, students, hostel/canteen staff and housekeeping staff in executing these solid waste management projects to ensure implementation of the 3R concept.

iii. VERMICOMPOSTING

Two vermicomposting units were set up in 2012 for the decomposition of solid organic waste. Presently five such units are operational in the College campus.



Vermiculture beds with cow dung under the sheds



Eisenia foetida- the Red wiggler worms



Biodegradable waste (vegetable & fruit peels) spread to dry



The vermicompost

iv. SEWAGE TREATMENT PLANT (STP):

Water is a limited resource in the environment and we need to reuse it. The procedure for removing contaminants from the sewage wastewater is called sewage treatment. During the treatment, sewage water undergoes the chemical, physical and biological procedure to remove these contaminants and give out an environmentally safe treated effluent that can be used for various purposes. Considering this in our mind and to

further strengthen the zero-waste policy of the college on waste management, a 50,000 Litres/day capacity Sewage Treatment Plant (STP) has been installed in the college campus with the primary objective to recycle liquid wastewater generated in the toilets of the academic and



administrative block of the college. The treated water is currently being used for gardening purposes.



The STP plant briefly consists of: Collection tank, settling tank, Aeration tank, Sand filter, Activated Carbon filter, and Treated water collection tank. These units together with work to minimize the chemical and biological load of sewage water treatment on Municipal Corporation. The

Sewage water from the toilets of the academic and administrative block of the college is received through the underground pipe lines in the collection tank. Sewage is pumped

to Bio reactor (Aeration tank). In the Bioreactor the Sewage is digested by aerobic bacteria using sewage as food materials.

The above treated water is passed through the sludge settling tank. From here the sludge is separated and the water is collected in a separate collection tank. This water is then pumped to a sand filter and activated carbon filter. In the sand filter, suspended particles are removed. In the carbon filter, any odour in the treated water is removed. The filtered treated water is then pumped to the college Gardens through pipelines and used for the gardening purpose.

4. PLUGGING OF LEAKING TAPS/ CHANGING LIGHT BULBS WITH COMPACT FLUORESCENT BULBS

The Swachhta Committee of the college and members of MCM Eco-Club conducted a special drive to check water leakage from taps, pipes and water coolers at various spots of the college. Wherever found, the leakage was fixed in order to prevent wastage of water.

All the lights in the campus (administrative block, college, hostel and library) have been replaced by LEDs. In addition, four lights powered by in built solar panels have been installed in the science block.



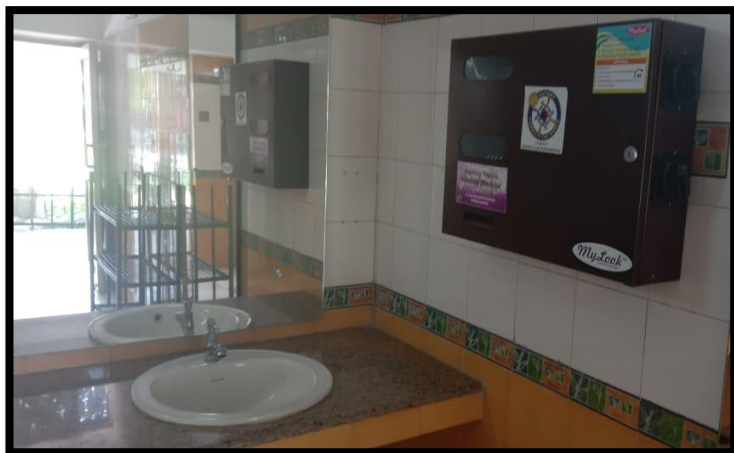
Recently a 5kW p/9V off grid solar PV system with battery 12V/150 has been installed on the roof top of the Physics lab of the college which adds on to the pre-existing 360kW power capacity solar panels in the campus.



5. PROPER USAGE AND MAINTENANCE OF TOILETS AT COLLEGE AND PROVISION OF CLEAN DRINKING WATER

The college ensures the availability of clean drinking water in hostel and college premises. The cleaning of all the water tanks in the college and hostel campus is done periodically. The contract for this work was given to the Chandigarh based crystal clean company in June, 2020. They followed a German based seven step technology for the same which includes- cleaning of surrounding areas, dewatering, high pressure cleaning by jet washer, sludge, vacuum cleaning, anti-bacterial sprays and ultraviolet treatment. The toilets meant for faculty as well as students are cleaned on regular basis by the contractual employees meant for this purpose. A coin operated sanitary pad vending machine has also been installed in staff and students' washrooms.





III. COMMUNITY CAMPAIGN

1. ORGANIZING CYCLE RALLIES, MARCHES, STREET PLAYS, FOLK DANCE, EXHIBITION, DOOR TO DOOR CAMPAIGN, HUMAN CHAIN, DISTRIBUTION OF ENVIRONMENTAL MESSAGE PAMPHLETS

i. AWARENESS CAMPAIGN TO MARK THE CELEBRATION OF VAN MAHOTSAVA

Date: 01-31 July, 2020

Number of participants: 26

Objectives:

- To encourage people to plant more saplings and celebrate Van Mahotsava
- To create awareness about the use of medicinal plants amongst prevailing pandemic situation.
- To plant medicinal and air purifying plants

Context: Van Mahotsava is an annual tree planting festival in India that is celebrated in the first week of July. This festival is organised to encourage the people to support tree plantation. To mark the celebration, MCM Eco-Club in collaboration with NSS units of the



college celebrated Van Mahotsava by initiating an Awareness Campaign with a theme "Each One, Plant One".

Practice: During this campaign, the student volunteers participated enthusiastically by



planting saplings in their houses and neighbourhood. In addition, volunteers motivated their friends and family too to plant more saplings of trees, immunity booster and air purifier plants like Aloe Vera, tulsi, ajwain, etc. Keeping in view the COVID-19 pandemic, they encouraged people to

participate in the Van Mahotsava by planting at their respective places with their family members. Some of the volunteers even procured saplings from the mobile van of Department of Forest as well who started the initiative titled "वन विभाग आपके द्वार" in U.T. Chandigarh. This scheme of free distribution of plants/saplings to general public propelled volunteers to take part in it. Many students used glass jars, reusable bottles as the pots to plant in order to stay eco-friendly.



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The worthy Principal of the College Dr. Nisha Bhargava initiated the campaign by planting medicinal plants in the Rishi Vartika of the college campus. She also distributed immunity booster plant- Tulsi among teaching and non-teaching staff of our college. Even some of the teaching and non-teaching members of our college participated in this campaign enthusiastically by planting saplings at their respective places along with their family members.





ii. CAMPAIGN TO PROMOTE ECO-DIWALI

Date: 12-15 November, 2020

Number of participants: 100

Objectives:

- To celebrate the festival of lights and brighten not just our lives but of everyone around us.
- To encourage our family and friends to join hand in hand with us for our noble initiative.
- To promote and encourage people to celebrate eco-Diwali, free of crackers.
- To encourage and empower local artisans and craftsmen
- To empower our national strength by buying local products and promoting our local artisans.

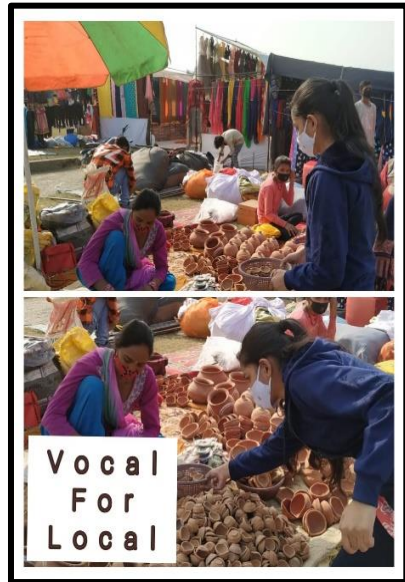
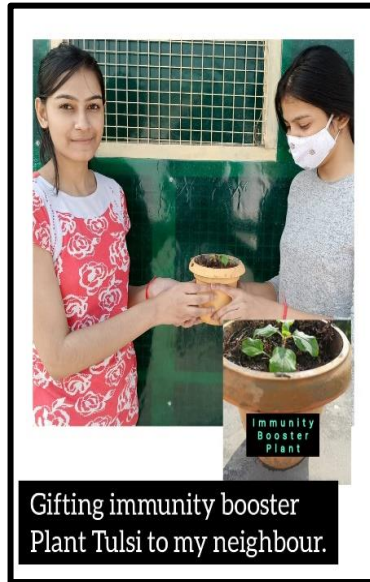
Context: Diwali is one of the biggest festivals celebrated across the world by millions of people. It signifies the win of good over evil. The festival gets its name from the row (*avali*) of clay lamps (*deepa*) that Indians light outside their homes to symbolize the inner light that protects from spiritual darkness.

Practice: On the occasion of Diwali, the NSS Units of Mehr Chand Mahajan DAV College for Women, Chandigarh, in collaboration with MCM Eco-Club organized several activities that intended to promote the concept of *Not me but You* among the people. Under these, a donation drive with the theme 'रोशनी - Let's brighten up Every face' was organized in which the student volunteers started the campaign and urged people to donate various items to under-privileged persons. Many volunteers collected and distributed masks & soaps, blankets, woolens, books & notebooks, toys, stationery (pens, pencils, colors), homemade healthy eatables, fruits, footwear among the underprivileged people.

Besides, an awareness campaign with the theme 'Vocal for Local' was also organized where the student volunteers motivated their family and friends and bought diwali essentials like diyas, decorative items from local artisans and street vendors as a step forward towards the new policy of - *आत्म निर्भर भारत* which is formulated by our esteemed prime minister Sh. Narinder Modi. The main aim of the campaign was to encourage and empower local artisans and craftsmen. With the recent spike observed in pollution levels and the larger climate change crisis plaguing humanity, the student volunteers also promoted the concept of 'Go Green Diwali'. Under this initiative, they made posters and urged people to avoid the use of crackers during the festival. Some of the volunteers made eco-friendly rangoli from flowers, petals and eco-friendly colors. Few of them decorated diyas from the recycled products and distributed them among their friends and family. Instead of traditional gifts, immunity booster plants such as Tulsi & Giloy were exchanged as gifts among the friends by the volunteers. Some of the volunteers presented decorated diyas as tokens of gratitude to the corona warriors for their selfless service that they rendered during the lockdown. The activity aimed to spread the light of happiness among the people which proved to be an incentive to celebrate a pollution free Diwali.

Post Diwali, with an aim to contribute to Swachhta Abhiyaan, a cleanliness drive was organized by student volunteers at their respective places, where they cleaned their homes and surrounding areas and inspired others while following precautionary COVID-19 norms.

ACTION TAKEN REPORT OF MCM ECO-CLUB 'PARIVESH' - APRIL, 2020- MARCH, 2021



iii. AWARENESS PROGRAMME ON LEDS: AN EMERGING ENERGY EFFICIENT TECHNOLOGY

Activity coordinators: Dr. Sarabjeet Kaur and Dr. Pallavi Gupta

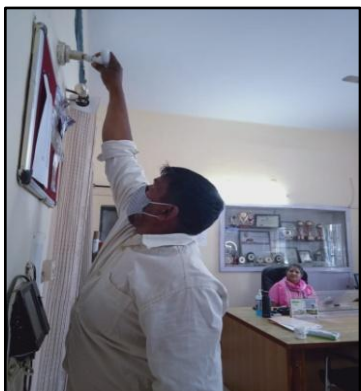
Date: 21 March, 2021

Number of participants: 35 students and 05 staff members of the school

Objectives:

- To impart deep practical knowledge about the basic principles of working of LED and the importance of using LED bulbs
- To motivate students to start entrepreneurship in sustainable energy products

Context: In the history of lighting devices, invention of LED was a turning point. LED stands for Light Emitting Diode. LED is a highly energy efficient lighting technology, and has the potential to fundamentally change the future of lighting. With the increasing demand for green earth, LED will play significant role in reducing environmental strain on energy resources.



Practice: The Renewable Energy Committee, MCM Eco-Club and UBA (Maloya team) organized an awareness session cum workshop in Government Senior Secondary School, Maloya (village adopted under UBA scheme). The session comprised of two events: awareness lecture on 'Light Emitting Diode: An Emerging Energy Efficient Technology' and Hands on

training on 'Assembling LED parts'. In the lecture session, the Resource person, Dr. Pallavi Gupta briefed how LEDs have created a revolution in illumination technology. In the presentation, it was emphasized that LED



lights are more eco-friendly, and are up to 80% more efficient than fluorescent and incandescent lights. During the hands-on training session by Dr. Sarabjeet Kaur, Dr. Pallavi Gupta and Mr. Jai Prakash the participants successfully assembled LED bulbs. A total of 35 school students along with five staff members participated in this workshop. Some LED lights assembled in the college campus were also donated to the school by the principal, Dr. Nisha Bhargava on this occasion.

Evidence of Success: Participants successfully made LED bulbs and tested them successfully. The students were motivated to start their own career as entrepreneur in LED assembly process.



छात्रों को बिजली की बचत की दी जानकारी



मलोया के एनएसएस शिविर में डा. परमजीत कौर छात्रों को एलईडी के प्रयोग के फायदों के बारे में जानकारी देती हुई।

चंडीगढ़, 23 मार्च (राकेश) : मलोया के जीएमएसएसएस में एनएसएस शिविर के दौरान एमसीएम डीएवी कालेज की टीम ने छात्रों को एलईडी लाइट के प्रयोग से घर में बिजली की बचत के बारे में जानकारी दी। उक्त तकनीक का प्रयोग कर लोग घरों, कार्यालयों में बिजली की बचत कर देश को उन्नत भारत अभियान के तहत सशक्त कर सकते हैं। इस कार्यशाला में स्कूल की प्रिंसिपल कमलेश ने एनएसएस प्रोग्राम अधिकारी डा. परमजीत कौर के साथ 30 वालंटियर्स ने हिस्सा लिया।

दैनिक सवेरा Wed, 24 March 2021
epaper.dainiksaveratimes.org/c/ 

iv. AWARENESS RALLY ON JAL SHAKTI ABHIYAN ON THE OCCASION OF WORLD WATER DAY

Date: 22 March, 2021

Number of students: 81

Objectives:

- To sensitize the residents regarding the need for water conservation
- To identify the problems related to water quality and quantity faced by the villagers and collect data using a survey method

Context: The Jal Shakti Abhiyan (JSA) is a time-bound, mission-mode water conservation campaign that has been initiated by our Honourable Prime Minister of India Sh. Narendra Modi. On 22nd March, 2021, i.e., World Water Day, PM Modi virtually launched the campaign - 'Jal Shakti Abhiyan: Catch the Rain' where he urged the citizens of the country to conserve water through participatory approach. Taking another step forward in this direction, MCM Eco-Club in collaboration with the NSS Units of the College organized an awareness rally on Jal Shakti Abhiyan in the adopted Village Badheri, Chandigarh.

Practice: Following all the necessary COVID-19 protocols, the student volunteers of the College visited their adopted Village Badheri where they organized an awareness rally that aimed at creating awareness regarding conserving water among the local communities. Volunteers carried different placards and raised slogans such as *जल है तो*



जीवन है, पानी है जीवन की आस, पानी को बचाने का करो प्रयास that aided in conveying the message that **Water conservation is the need of the hour!** In addition, awareness regarding HIV/AIDS was also disseminated by the volunteers among the residents.



To understand the ground realities and assess awareness towards cleanliness and water management, a comprehensive survey of more than 50 dwelling units was conducted in a hybrid mode in Village Badheri. During the survey, residents were asked about the different waste management techniques adopted by them, sources of ground and

fresh water, availability of clean drinking water, hygiene-related habits of bathing and washing hands before meals, and different rain water harvesting schemes that they adopted in order to conserve water. The main aim of the survey was to ascertain the needs and problem faced by them in relation to cleanliness and water management.

Evidence of Success: All the volunteers were highly enthusiastic and energetic and even during the pandemic they worked together as a team to come forward to spread awareness about *Swachh Bharat* and *Jal Shakti Abhiyan*.

जल संरक्षण पर जागरूकता व्याख्यान के जरिये पानी का महत्व समझाया

क्लब ने रैली निकालकर किया गया जागरूक:

इसके अलावा इको क्लब के सहयोग से विभिन्न सरकारी पहलों जैसे स्वच्छ भारत अभियान, जल शक्ति अभियान और एचआईवी / एड्स पर जागरूक करने के लिए रैली निकाली गई। स्वयंसेवकों ने जरूरतमंद व्यक्तियों को साबुन, सैनिटाइजर, मास्क भी वितरित किए और भारत सरकार द्वारा निर्धारित सभी दिशानिर्देशों का पालन करने का आग्रह किया।

अभियान के तहत पोषण पर एक वार्ता हुई। कॉलेज के गृह विज्ञान विभाग की सहायक प्रोफेसर डॉ. हरजोत कौर मान ने स्वयंसेवकों को दैनिक जीवन में पोषण के महत्व से अवगत कराया। स्वयंसेवकों को कर्जा और प्रोटीन बार बनाना भी सिखाया गया। इसके साथ साथ सभी आवश्यक कोविड -19 दिशानिर्देशों का पालन करते हुए, एनएसएस स्वयंसेवकों ने अपने अडॉप्टेड गाँव बढेरी का दौरा किया जहाँ उन्होंने स्वच्छ भारत अभियान और जल शक्ति अभियान के आधार पर एक सर्वेक्षण किया।

जगमार्ग न्यूज
चंडीगढ़। एमसीएम डीएवी कॉलेज फॉर वीमेन में 7 डे / नाइट स्पेशल एनएसएस कैम्प के 5वें दिन कॉलेज के इको क्लब के सहयोग से जल संरक्षण पर जागरूकता व्याख्यान का आयोजन किया गया। व्याख्यान के आयोजन का उद्देश्य स्वयंसेवकों को इस वर्ष के विश्व जल दिवस की थीम पानी, ताजे पानी के महत्व तथा स्वच्छ एवं हरित गृह के बारे में जागरूक करना था। इस अवसर पर चंडीगढ़ पॉल्यूशन कंट्रोल बोर्ड के साइंटिस्ट बी सुशील डोगरा ने जल संरक्षण के लिए विभिन्न तरीकों पर चर्चा की जैसे वर्षा जल संचयन, जल गुणवत्ता निगरानी योजना इत्यादि। इसके बाद महिला और बाल विकास मंत्रालय, भारत सरकार के पोषण

जल संरक्षण के प्रति किया जागरूक

चंडीगढ़। एमसीएम डीएवी कॉलेज-36 में एनएसएस शिविर के दौरान जल संरक्षण और पोषण पर वार्ता का आयोजन करवाया गया। कॉलेज के इको क्लब के सदस्यों ने स्वयंसेवकों को जागरूक करने के लिए जल संरक्षण पर व्याख्यान दिया। इस दौरान इस वर्ष के विश्व जल दिवस के विषय 'ताजे पानी के महत्व, स्वच्छ व हरित गृह' के बारे में भी बताया गया। चंडीगढ़ प्रदूषण नियंत्रण बोर्ड के वैज्ञानिक सुशील डोगरा ने जल संरक्षण के लिए विभिन्न तरीकों जैसे वर्षा जल संचयन, जल गुणवत्ता निगरानी योजना इत्यादि पर चर्चा की।

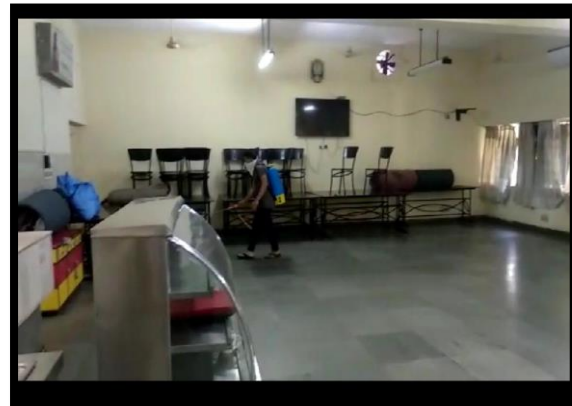
कॉलेज के गृह विज्ञान विभाग की सहायक प्रोफेसर डॉ. हरजोत कौर मान ने स्वयंसेवकों को दैनिक जीवन में पोषण के महत्व से अवगत कराया। साथ ही कोविड-19 के दिशानिर्देशों का पालन करते हुए एनएसएस स्वयंसेवकों ने गोद लिए गाँव बढेरी का दौरा किया और स्वच्छ भारत अभियान व जल शक्ति अभियान के आधार पर एक सर्वेक्षण किया। इसके अलावा विभिन्न सरकारी पहलों जैसे स्वच्छ भारत अभियान, जल शक्ति अभियान और एचआईवी एड्स पर गाँववासियों को जागरूक करने के लिए रैली निकाली गई। स्वयंसेवकों ने जरूरतमंद व्यक्तियों को साबुन, सैनिटाइजर व मास्क भी वितरित किए। प्राचार्य डॉ. निशा भार्गव ने शिविर के सफल संचालन के लिए बधाई दी। व्यूरो

2. CLEAN UP DRIVE IN THE COMMUNITY, GOVERNMENT OFFICES PREMISES, AROUND WATER BODIES

i. CLEANING AND DISINFECTING THE HOSTELS

For the upkeep of the hostel during lockdown period, the hostel areas were cleaned on regular basis. Disinfection of the key areas of the hostel including washrooms, kitchens and corridors/lawns was done by treating them with insecticide spray. The activity minimized the chances of mosquito breeding in the hostels.





ii. CLEANLINESS DRIVE AND PLOG RUN ON THE OCCASION OF THE 151ST BIRTH ANNIVERSARY OF MAHATMA GANDHI JI

Date: 02 October, 2020

Number of participants: 38

Objectives:

- To commemorate the 151st birth anniversary of the father of our nation, Mahatma Gandhi Ji
- To encourage volunteers to include sports and physical activities in their everyday lives and promote Fit India Freedom Run
- To motivate the volunteers to clean their surroundings and help in the proper waste disposal.

Context: To commemorate the 151st birth anniversary of the father of our nation, Mahatma Gandhi Ji, MCM Eco-Club in collaboration with NSS Units organized a cleanliness drive on 2nd October 2020, and participated in a plog run, where the student volunteers joined hands and cleaned their neighbouring areas while

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running/cycling/jogging. This event was conducted under Swachh Bharat Abhiyan which was coupled with Fit India Freedom Run movement.

Practice: In this event, the volunteers enthusiastically participated in the 2 kms plog run at their respective places. They cleaned their surroundings, picked up litter, and swept areas near their homes. In addition, the volunteers distributed masks, soaps and sanitizers to people.





3. MOBILIZING COMMUNITY ACTION AGAINST IMPROPER GARBAGE DISPOSAL, OPEN DEFECTION, TREE CUTTING, POLLUTING WATER RESOURCES

OPEN DEFECTION FREE (ODF) DRIVE

Date: 16 September, 2020

Safe sanitation means promotion of safe disposal of human excreta, right use of toilet and avoiding open defecation as well as management of solid and liquid waste. Poor sanitation is a primary cause for many deadly diseases, deaths among children under age five, contamination of ground water sources, loss of family income on account of increased health costs, and compromised human dignity. In managing safe sanitation at each level - household, community, and governments, understanding impacts of poor sanitation, contribution of all key stakeholders including communities, implementation of safe sanitation processes is crucial.

In order to apprise the villagers on promoting waste segregation and safe sanitation by avoiding open defecation in order to achieve universal sanitation coverage, an interactive lecture cum awareness session was organized in the Anganwadi of village Buterla. The women folk and anganwadi workers assembled in the Anganwadi premises of the village wherein the college team delivered an interactive talk detailing the need of improving the levels of hygiene and cleanliness at both personal and public level, and the importance of adopting open defecation free status for their village. The villagers were demonstrated in a simple local language and through charts and posters made by

student volunteers about various diseases and possible health hazards associated with open defecation. All the villagers and women folk responded well towards the talk. They were further stressed on the need to share the information on cleanliness and hygiene to more fellow villagers for wider dissemination.



IV. FIELD ACTIVITIES OUTSIDE COLLEGE PREMISES

1. UNDERTAKING CENSUS OF BIRDS IN AND AROUND COLLEGE CAMPUS AVIAN DIVERSITY SURVEY IN AND AROUND THE CAMPUS

Forty-seven genera of birds belonging to 12 orders have been identified in and around the college campus during faunal diversity survey. The details are as follows:

S. No.	Scientific names	Subclass	Order
1	<i>Columba livia</i>	Neornithes	Columbiformes
2	<i>Treron phoenicopterus</i>	Neornithes	Columbiformes
3	<i>Psilopogon zeylanicus</i>	Neornithes	Piciformes
4	<i>Dendrocitta vagabunda</i>	Neornithes	Passeriformes
5	<i>Turdoides striata</i>	Neornithes	Passeriformes
6	<i>Dicrurus hottentottus</i>	Neornithes	Passeriformes
7	<i>Dinopium benghalense</i>	Neornithes	Piciformes
8	<i>Psittacula krameri</i>	Neornithes	Psittaciformes
9	<i>Pycnonotus cafer</i>	Neornithes	Passeriformes
10	<i>Dicrurus macrocercus</i>	Neornithes	Passeriformes
11	<i>Corvus splendens</i>	Neornithes	Passeriformes
12	<i>Orthotomus sutorius</i>	Neornithes	Passeriformes
13	<i>Milvus migrans</i>	Neornithes	Accipitriformes
14	<i>Phylloscopus chloronotus</i>	Neornithes	Passeriformes

S. No.	Scientific names	Subclass	Order
15	<i>Parus cinereus</i>	Neornithes	Passeriformes
16	<i>Phylloscopus xanthoschistos</i>	Neornithes	Passeriformes
17	<i>Zosterops palpebrosus</i>	Neornithes	Passeriformes
18	<i>Acridotheres tristis</i>	Neornithes	Passeriformes
19	<i>Vanellus indicus</i>	Neornithes	Charadriiformes
20	<i>Otus bakkamoena</i>	Neornithes	Strigiformes
21	<i>Copsychus saularis</i>	Neornithes	Passeriformes
22	<i>Ocyrceros birostris</i>	Neornithes	Bucerotiformes
23	<i>Accipiter badius</i>	Neornithes	Accipitriformes
24	<i>Rhipidura albicollis</i>	Neornithes	Passeriformes
25	<i>Terpsiphone paradisi</i>	Neornithes	Passeriformes
26	<i>Carpodacus erythrinus</i>	Neornithes	Passeriformes
27	<i>Aethopyga siparaja</i>	Neornithes	Passeriformes
28	<i>Phylloscopus griseolus</i>	Neornithes	Passeriformes
29	<i>Phoenicurus ochruros</i>	Neornithes	Passeriformes
30	<i>Muscicapa dauurica</i>	Neornithes	Passeriformes
31	<i>Sylvia curruca</i>	Neornithes	Passeriformes
32	<i>Halcyon smyrnensis</i>	Neornithes	Coraciiformes
33	<i>Cinnyris asiaticus</i>	Neornithes	Passeriformes
34	<i>Centropus sinensis</i>	Neornithes	Cuculiformes
35	<i>Amaurornis phoenicurus</i>	Neornithes	Gruiformes
36	<i>Eudynamys scolopaceus</i>	Neornithes	Cuculiformes
37	<i>Pavo cristatus</i>	Neornithes	Galliformes
38	<i>Hirundo smithii</i>	Neornithes	Passeriformes
39	<i>Ninox scutulata</i>	Neornithes	Strigiformes
40	<i>Tyto alba</i>	Neornithes	Strigiformes
41	<i>Streptocelia tranquebarica</i>	Neornithes	Columbiformes
42	<i>Psilopogon haemacephalus</i>	Neornithes	Piciformes
43	<i>Athene brama</i>	Neornithes	Strigiformes
44	<i>Upupa epops</i>	Neornithes	Bucerotiformes
45	<i>Spilopelia chinensis</i>	Neornithes	Columbiformes
46	<i>Merops orientalis</i>	Neornithes	Passeriformes
47	<i>Eumyias thalassinus</i>	Neornithes	Passeriformes
48	<i>Culicicapa ceylonensis</i>	Neornithes	Passeriformes
49	<i>Motacilla cinerea</i>	Neornithes	Passeriformes
50	<i>Motacilla alba</i>	Neornithes	Passeriformes



2. MAINTENANCE OF PUBLIC PLACES LIKE COMMUNITY PARKS, GARDENS, HERITAGE SITES, WATER SOURCES SUCH AS PONDS, WELLS TREE PLANTATION DRIVE AT VILLAGE BADHERI

Date: 26 November, 2020

The members of MCM Eco-Club and UBA Cell of the college visited the parks in the precincts of the village. They were accompanied and assisted in this activity by the village Councillor, Mr. Hardeep Singh, his daughter, some senior citizens, gardeners, and other employees. Around 25 'Black Ficus' plants were sown in the park outside Govt. Senior Secondary School, sector 41, Chandigarh. The team members also rolled out two bags



of cow dung in the flower beds of this particular village park.



V. OVERALL ORGANIZATION OF MCM ECO-CLUB

1. REGULAR MEETING OF ECO CLUB MEMBERS

Virtual meetings of the members of MCM Eco-Club were held on second and fourth Saturday of each month to discuss the progress of the activities.

2. PREPARATION OF YEAR-LONG ACTION PLAN FOR CONDUCTING ENVIRONMENTAL ACTIVITIES AND IMPLEMENTING THE PLAN

ACTION PLAN (APRIL, 2020 TO MARCH, 2021)

Month	Proposed Events
April, 2020	<ul style="list-style-type: none"> • Earth Day celebration • Cleanliness drives in the campus
May, 2020	<ul style="list-style-type: none"> • International Biodiversity Day celebration • Cleanliness drive in the hostel
June, 2020	<ul style="list-style-type: none"> • World Environment Day celebration • World Oceans Day celebration • Cleaning of all the water tanks in the college and hostel campus
July, 2020	<ul style="list-style-type: none"> • Van Mahotsava celebration • Popular talk on Environmental issues
August, 2020	<ul style="list-style-type: none"> • Akshay Urja Diwas celebration
September, 2020	<ul style="list-style-type: none"> • World Ozone Day celebration • Activity on Chemical waste management
October, 2020	<ul style="list-style-type: none"> • Wildlife Week celebration • Cleanliness drive
November, 2020	<ul style="list-style-type: none"> • Eco-Diwali celebration
December, 2020	<ul style="list-style-type: none"> • Mid Semester Examination
January, 2021	<ul style="list-style-type: none"> • Competition on E-waste management
February, 2021	<ul style="list-style-type: none"> • World Wetlands Day celebration • Popular talks on Environmental issues
March, 2021	<ul style="list-style-type: none"> • World Sparrow Day celebration • World Forest Day celebration • World Water Day celebration

3. SUBMISSION OF MONTHLY REPORTS AND ACCOUNT DETAILS

<https://mcmdavcwchd.edu.in/societies-and-clubs-reports/#1608020963698-d07319bf-69fb>

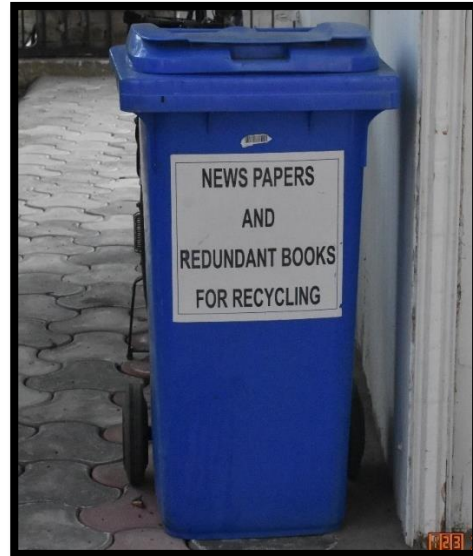
4. SHARING OF ECO-CLUB RESPONSIBILITIES AMONG THE MEMBERS

S. No.	Activity	Teachers in charge	Student members
1.	Observation of Environmental Days	<ul style="list-style-type: none"> • Dr. Neetu • Dr. Shafila • Dr. Divya Sharma • Ms. Kadambari Pathania 	<ul style="list-style-type: none"> • Ms. Parima Jaswal (B.Sc. III Medical, Roll No. 647) • Ms. Shreiya Sharma (B.Sc. III Medical, Roll No. 653)
2.	Organizing awareness programmes	<ul style="list-style-type: none"> • Dr. Neetu • Dr. Swati Sidana • Dr. Ruby Singh 	<ul style="list-style-type: none"> • Ms. Isha Kundu (B.Sc. III Medical, Roll No. 660) • Ms. Deepti Siwach (B.Sc. III Medical, Roll No. 667)
3.	Visible environmental impacts at college	<ul style="list-style-type: none"> • Dr. Gunjan Sud • Dr. Shafila • Dr. Jasleen Kaur 	<ul style="list-style-type: none"> • Ms. Isha Tanwar (B.Sc. III Medical, Roll No. 674) • Ms. Samridhi Rahi (B.Sc. III Medical, Roll No. 681)
4.	Community Campaign	<ul style="list-style-type: none"> • Dr. Sarabjeet Kaur • Dr. Purnima Bhandari 	<ul style="list-style-type: none"> • Ms. Mansi Bhullar (B.Sc. III Medical, Roll No. 701)
5.	Field activities outside college premises	<ul style="list-style-type: none"> • Dr. Sarabjeet Kaur • Dr. Gunjan Sud • Dr. Purnima Bhandari 	<ul style="list-style-type: none"> • Ms. Harjot (B.Sc. III Medical, Roll No. 608)

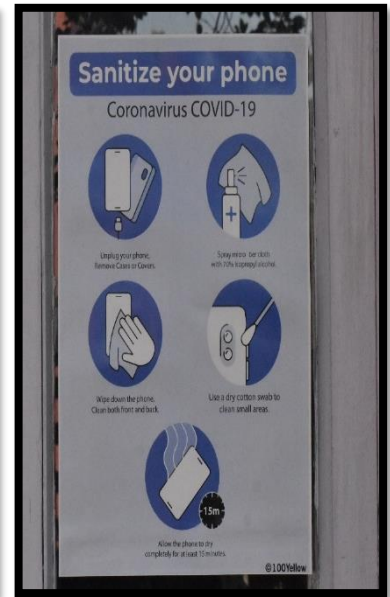
VI. SIGNAGE IN THE COLLEGE CAMPUS

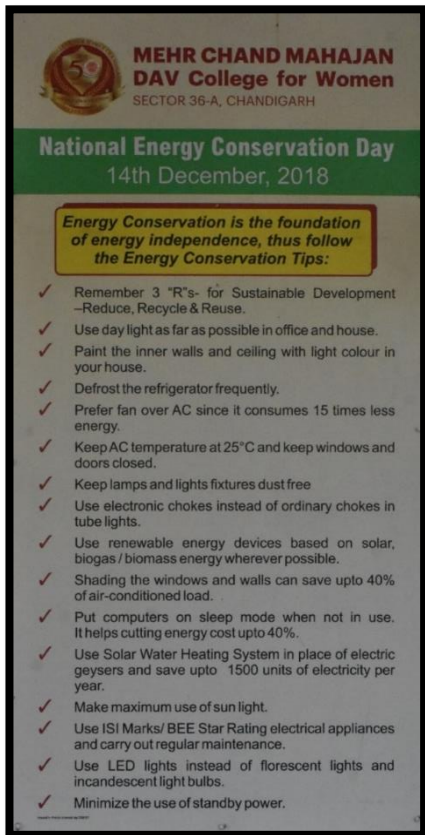


ACTION TAKEN REPORT OF MCM ECO-CLUB 'PARIVESH' - APRIL, 2020- MARCH, 2021



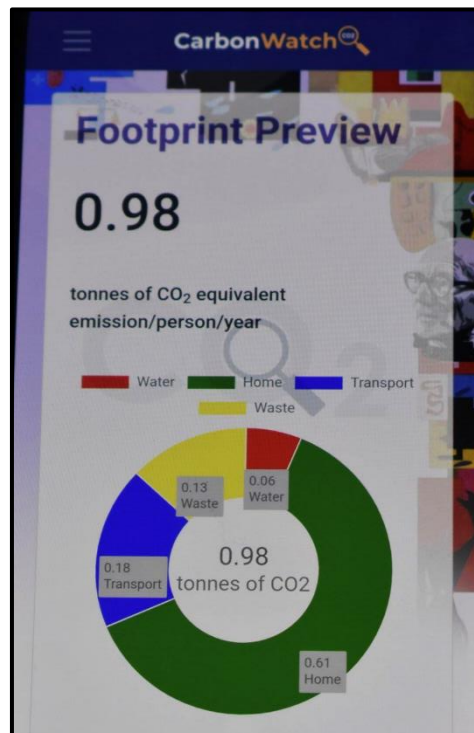
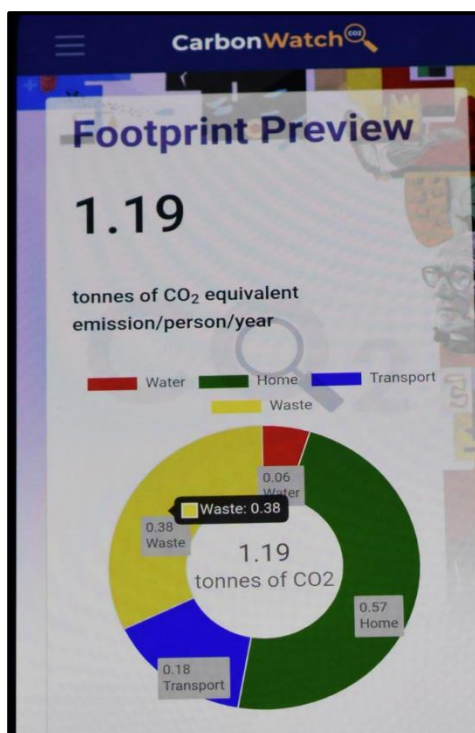






VII. BENEFITS OF “CARBON WATCH” MOBILE APPLICATION IN ACHIEVING CARBON NEUTRAL GOALS

The faculty and students were encouraged to download the Carbon Watch application to get an estimate of their carbon footprint. The mobile application suggested methods to reduce the carbon footprints as per the information furnished by the individuals. Some of the ways adopted by which we could reduce our footprint are: using pressure cookers for cooking, using 5 star rated kitchen appliances, using LED bulbs, switching off lights when not in use, carpooling with colleagues to reach the workplace, avoiding speeding up the vehicles, switching off ignition at traffic red lights, getting our vehicles serviced on time, segregating domestic as well as institutional waste into wet and dry waste, composting of organic waste to reduce landfill emissions, avoiding paper usage, taking double sided printouts, using reusable bags while shopping, using sprinklers instead of pipes in lawns and so on. Overall, the application proved to be very beneficial in sensitizing faculty and students about the impact of their lifestyle emissions, and the suggested measures helped to reduce the carbon footprint at an individual level.





Mehr Chand Mahajan DAV College for Women

Sector 36-A, Chandigarh (U.T.)

Website : <https://mcmdavcwchd.edu.in/> | Email: principal_mcmdavcollege@yahoo.com

Tel.: 0172-2603355 | Fax: 0172-2613047