

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



**Weekly report of
Green Good Deeds
(31 May to 07 June, 2021)
Organized by MCM Eco-Club
To celebrate
‘BHARAT KA AMRUT MAHOTSAV’
*The 75th Anniversary of India’s Independence***

*Dr. Neetu & Dr. Sarabjeet Kaur
Coordinators*

*Dr. Nisha Bhargava
Convener & Principal*

1. AWARENESS GENERATION AND ACTION ORIENTED ACTIVITY ON THE THEME “AVOID CONCRETE BASES AROUND PLANTS TO ALLOW SEEPAGE OF WATER INTO THE ROOTS”

Activity coordinators: Dr. Pooja Sharma and Dr. Jasleen Kaur

Date: 31 May to 07 June, 2021

Number of participants: 50

Objective:

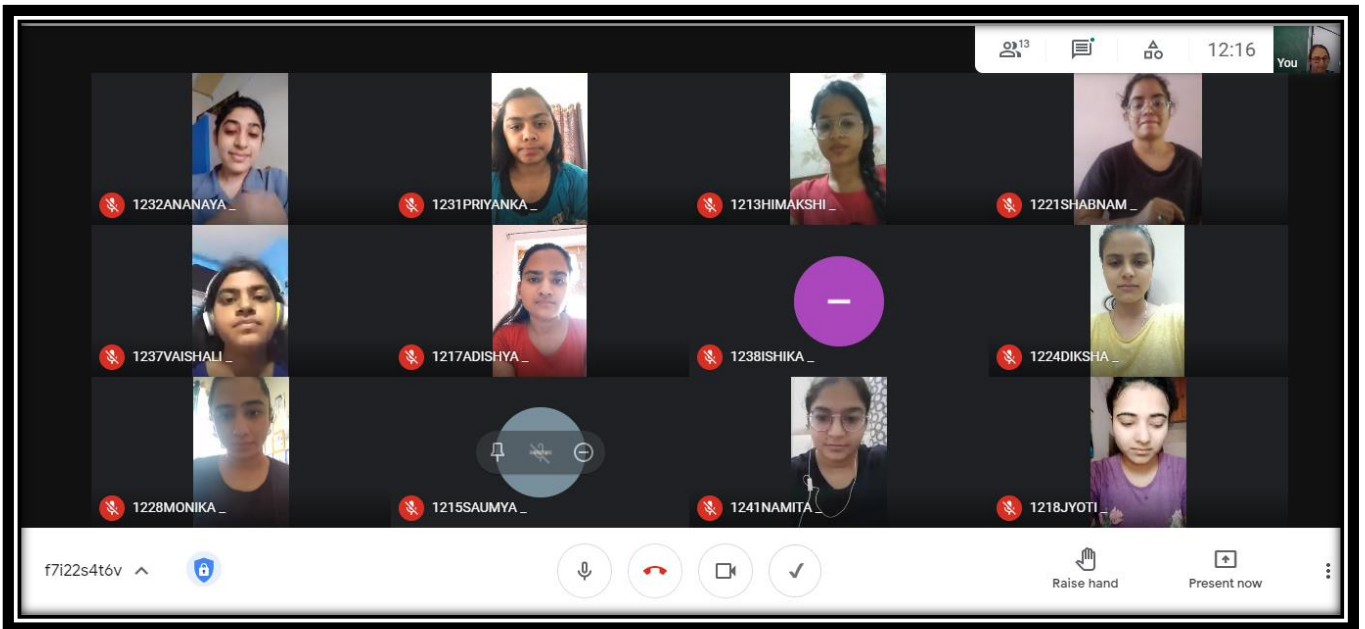
- To remove concrete bases or stones around the trees in the college campus

Context: Covering the immediate surroundings of trees with concrete is likely to cause their death by physically damaging the roots and by inhibiting oxygen and water from reaching the roots. Additionally, the roots of the trees have the potential to damage/crack the concrete as they grow trying to reach water and oxygen.

Practice: Members of Horticulture committee under the able guidance of Madam Principal, deputed the gardeners to remove stones around the trees in the Arts Block area, Front Lawn area and the administrative block area to ensure proper seepage of water to the roots as well as proper aeration of the soil. Organic manure was also added around the trees for their proper growth. Students of the college were guided regarding removal of concrete bases around the trees at their native places. They were also encouraged to check for any such trees in their neighbourhood and to do the needful to provide them breathing space.

Evidence of success: Concrete bases and stones around the trees in the college campus were removed to provide them a breather.





MCM ECO-CLUB GREEN GOOD DEEDS

2. CELEBRATION OF WORLD ENVIRONMENT DAY ON 05.06.2021

I. NATIONAL LEVEL ONLINE QUIZ ON THE OCCASION OF WORLD ENVIRONMENT DAY-2021

Activity coordinators: Dr. Pallvi Rani & Dr. Purnima Bhandari

Date: 05 June, 2021

Number of participants: 1054

Objective:

- To encourage awareness and action for the protection of environment

Context: World Environment Day is celebrated worldwide in order to create awareness about how to protect our environment. Since 1974, it has been celebrated annually every 5th June which engages people from different spheres including government officials, business persons, celebrities, and citizens to focus their efforts to combat the serious environmental issues. This year, the theme of World Environment Day 2021 is 'Ecosystem Restoration' that aims at educating the community on importance of restoring our earth and how it has become need of an hour.

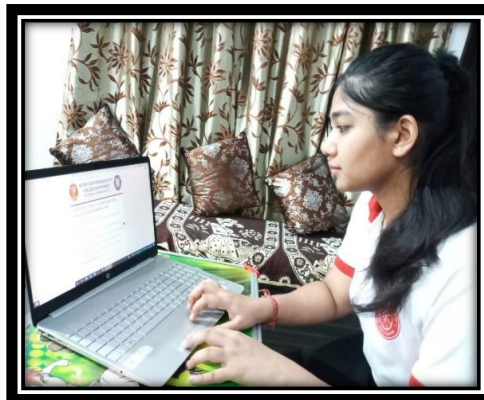
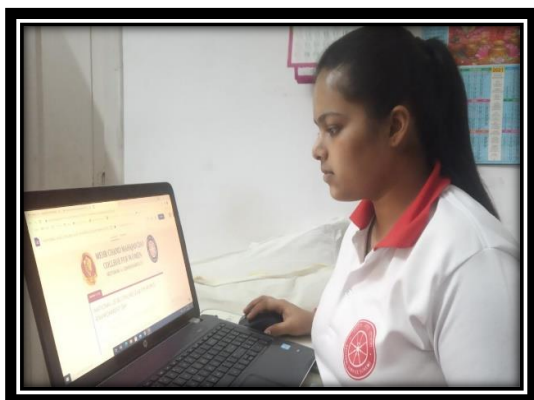
Practice: On the occasion of World Environment Day, NSS Units of Mehr Chand Mahajan DAV College for Women, Chandigarh in collaboration with the Department of Environment Science and MCM Eco-Club organized a National Level Online Quiz on 5th June, 2021. More than 1000 participants including 24 faculty members belonging to three Union Territories (Delhi, Jammu & Kashmir and Chandigarh), 10 states (including West Bengal, Rajasthan, Uttarakhand, Goa) and 15 different cities registered themselves for the event. The quiz was of 45 minutes' duration with 30 questions based on the theme. E-certificates were given to all the participants while top three winners were felicitated with the cash prizes.

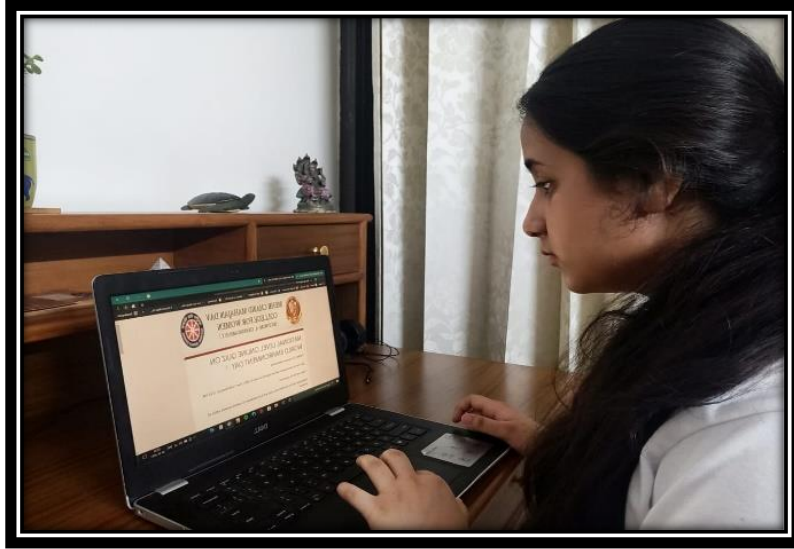
Evidence of Success: The event received an overwhelming participation response from different parts of the country. Results of the quiz are as follows:

First prize: Himanshu Gauri, Government Ranbir College, Sangrur, Punjab

Second Prize: Srishti, Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh

Third Prize: Saniya, Mehr Chand Mahajan DAV College for Women, Sector 36-A, Chandigarh





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CHANDIGARH,05.06.21-Observing World Environment Day with fervour, Mehr Chand Mahajan DAV College for Women organised various activities with the aim to raise awareness and encourage action to protect the environment. The day began with a soulful havan ceremony wherein Principal Dr. Nisha Bhargava, staff and students prayed for the healing of the Earth and well being of mankind. The ceremony was performed with all the COVID safety protocols in place. This was followed by a plantation drive. Speaking on the occasion, Dr. Bhargava asserted that the emergence of COVID has shown how disastrous the consequences of ecosystem loss can be and it is high time that humans shift their focus from environmental exploitation to environmental healing. In another activity, an online Photography Competition cum Exhibition was organised wherein Dr. Bhargava and faculty members submitted awe-inspiring pictures clicked by them of nature and biodiversity. The online exhibition can be viewed on the college's YouTube channel through the link <https://youtu.be/6xf3tlZAJhY>. The NSS units of the college, in collaboration with the Department of Environment Science and MCM Eco Club, organised a national level Online Quiz. The theme of the quiz was 'Ecosystem Restoration' and aimed to educate the community about the importance of restoring our Earth. The quiz witnessed overwhelming response as 1054 registrations were received including from three U.T. (Delhi, Jammu Kashmir and Chandigarh), more than 10 states (including West Bengal, Rajasthan, Uttarakhand, Goa) and more than 15 different cities. E-certificates were given to all the participants while top three winners were awarded cash prizes. On this occasion, the Character-Building Committee and Landscaping Committee of the college conducted an inter-college competition on 'Plant a Sapling' and 'Best out of Waste'. 52 students participated enthusiastically in this competition wherein they showcased their love for the environment by planting saplings at their respective places and created aesthetically pleasing pieces from waste, thereby giving the message of reduce, reuse and recycle. All the participants were awarded e-certificates.

INC - Education Sector

- Environmentalist, North India Beauty Queen interacts with Aryans Students on World Environment Day
- World Environment Day, 5 June, 2021
- MCM holds online lecture series on Sociology
- 8-day workshop on translation culminates at MCM
- Webinar on IELTS organised at Aryans
- MCM celebrates Menstrual Hygiene Day and organizes webinar on Post COVID care
- Prof. Meena Sharma appointed as Dean Students Welfare
- MCM holds online sessions on Accelerators and Prototype Validation
- MCM celebrates World No Tobacco Day
- World No Tobacco Day celebrated at Aryans

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एमसीएम में विश्व पर्यावरण दिवस मनाया

अर्थ प्रकाश संवाददाता



चंडीगढ़, 5 जून। विश्व पर्यावरण दिवस को उत्साह के साथ मनाते हुए, मेहर चंद महाजन डीएवी कॉलेज फॉर विमेन ने पर्यावरण की रक्षा के लिए जागरूकता बढ़ाने और प्रोत्साहित करने के उद्देश्य से विभिन्न गतिविधियों का आयोजन किया। दिन की शुरुआत एक भावपूर्ण हवन समारोह के साथ हुई, जिसमें प्रिंसिपल डॉ. निशा भागवत, स्टाफ और छात्रों ने पृथ्वी के स्वस्थ होने और मानव जाति की भलाई के लिए प्रार्थना की। समारोह कोविड सुरक्षा प्रोटोकॉल को ध्यान में रख कर किया गया। इसके बाद पौधरोपण अभियान चलाया गया। इस अवसर पर अपने विचार साझा करते हुए, डॉ. भागवत ने जोर देकर कहा कि कोविड के उद्भव ने दिखाया है कि पारिस्थितिकी तंत्र के नुकसान के परिणाम कितने विनाशकारी हो सकते हैं और यह उचित समय है कि मनुष्य अपना ध्यान पर्यावरणीय शोषण से पर्यावरणीय उपचार पर केंद्रित करे। एक अन्य गतिविधि में, एक ऑनलाइन फोटोग्राफी प्रतियोगिता व फोटो प्रदर्शनी का आयोजन किया गया, जिसमें डॉ. भागवत और संकाय सदस्यों ने प्रकृति और जैव विविधता के उनके द्वारा क्लिक की गई अद्भुत तस्वीरें प्रस्तुत कीं। ऑनलाइन प्रदर्शनी को <https://youtu.be/6xf3tlZAJhY> लिंक के माध्यम से कॉलेज के यूट्यूब चैनल पर देखा जा सकता है। कॉलेज की एनएसएस इकाइयों ने पर्यावरण विज्ञान विभाग और एमसीएम इको क्लब के सहयोग से एक राष्ट्रीय स्तर की ऑनलाइन प्रश्नोत्तरी का आयोजन किया। प्रश्नोत्तरी का विषय 'पारिस्थितिकी तंत्र की बहाली' था और इसका उद्देश्य समुदाय को हमारी पृथ्वी को बहाल करने के महत्व के बारे में शिक्षित करना था। क्विज में जबरदस्त प्रतिक्रिया देखी गई यू.टी. से 1054 पंजीकरण प्राप्त हुए थे। (दिल्ली, जम्मू कश्मीर और चंडीगढ़), 10 से अधिक राज्य (पश्चिम बंगाल, राजस्थान, उत्तराखंड, गोवा सहित) और 15 से अधिक विभिन्न शहर। सभी प्रतिभागियों को ई-प्रमाण पत्र दिए गए जबकि शीर्ष तीन विजेताओं को नकद पुरस्कार दिए गए। इस अवसर पर महाविद्यालय की चरित्र निर्माण समिति एवं भूमिर्माण समिति ने 'एक पौधा लगाओ' तथा 'बेहतर अपशिष्ट' विषय पर इंटर कॉलेज प्रतियोगिता का आयोजन किया। इस प्रतियोगिता में 52 छात्रों ने उत्साहपूर्वक भाग लिया, जिसमें उन्होंने अपने-अपने स्थानों पर पौधे लगाकर पर्यावरण के प्रति अपने प्रेम का प्रदर्शन किया और अपशिष्ट पदार्थों का प्रयोग करके रचनात्मक वस्तुएं बनाई एवं पुनः उपयोग और रीसायकल का संदेश दिया। सभी प्रतिभागियों को ई-सर्टिफिकेट प्रदान किए गए।

II. ONLINE ACTIVITY ON THE THEME “KEEP INDOOR PLANTS IN ROOM TO PURIFY AIR”

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

Date: 05.06.2021

Number of participants: 20

Objective

- To spread a message about the importance of indoor plants in boosting mental and physical wellbeing.

Context: Under the prevailing circumstances, there is a dire need to maintain a healthy indoor environment as most of our time is spent inside the houses. Indoor plants not only help in improving our environment but also add an aesthetic value to it. They also increase the productivity by reducing stress.

Practice: The Department of Botany in collaboration with MCM Eco-Club motivated the students of B.Sc. Medical to plant different indoor plants like money plant, snake plant, crotons, ferns, peace lily and spider plant at their places to improve indoor environment for mental and physical wellbeing.

Evidence of Success: As many as 20 students enthusiastically planted different indoor plants at their places and took responsibility of nurturing them.





3. AWARENESS GENERATION PROGRAMME ON THE THEME “SAVE FUEL FROM EVAPORATION: ENSURE THAT FUEL CAP IS CLOSED TIGHTLY”

Activity coordinator: Dr. Sagarika Dev

Date: 07 June, 2021

Number of participants: 40 students

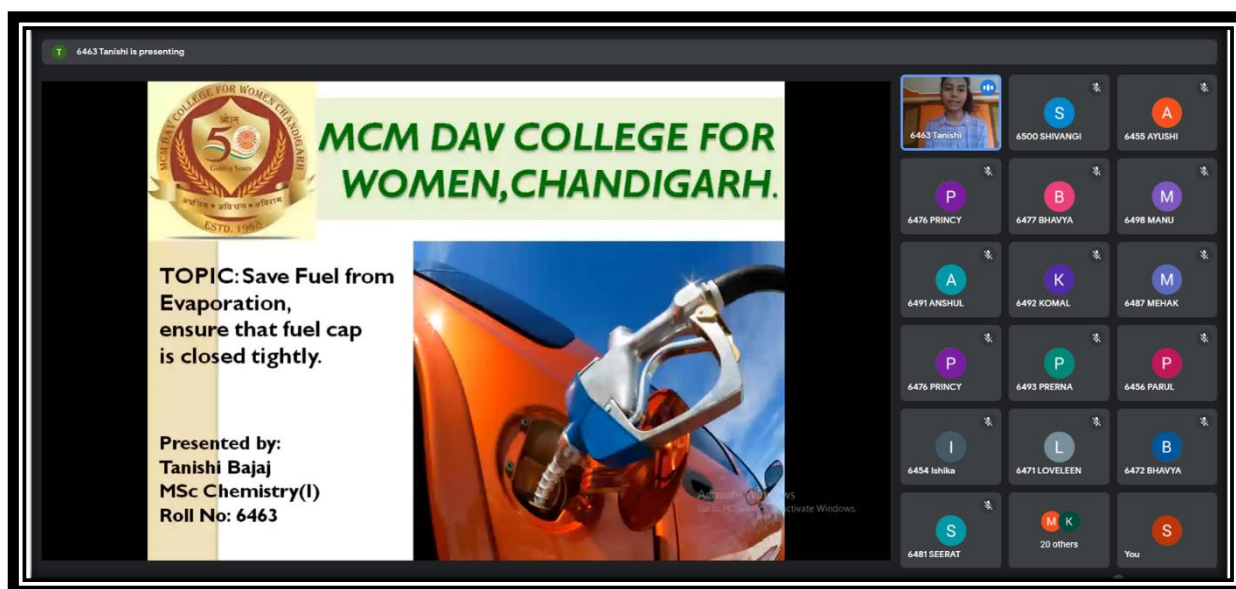
Objective:

- To understand the importance of saving fuel from evaporation by ensuring that fuel cap is closed tightly

Context: Petroleum fuel is a non-renewable source of energy. The more we waste, the more would be the demand for the fuel. It would lead to fuel crunch and high pricing. This waste of fuel will create artificial shortage of petroleum fuel. The main reason for the fuel wastage is evaporation. Hence, a small step by tightening the cap will ensure less evaporation.

Practice: The Department of Chemistry and MCM Eco-Club organized an awareness generation programme by organizing power-point presentation by postgraduate students on 7th June, 2021. Students were introduced to several reasons for wastage of fuel and were made aware about the necessity of tightening the fuel cap and filling up the fuel in milder temperature. The students were motivated to spread this awareness among others.

Evidence of Success: All the participants were encouraged to follow few steps to stop unnecessary fuel evaporation.



Evaporation is the process by which an element or compound transition from its liquid state to its gaseous state below the temperature at which it boils.

Evaporative emissions of fuel occur in several ways:

- **DIURNAL:** Fuel evaporation increases as the temperature rises during the day, heating the fuel tank and venting gasoline vapours.
- **RUNNING LOSSES:** The hot engine and exhaust system can vaporize fuel when the car is running.
- **HOT SOAK:** The engine remains hot for a period of time after the car is turned off, and fuel evaporation continues when the car is parked.
- **REFUELING:** Fuel vapours are always present in fuel tanks. These vapours are forced out when the tank is filled with liquid fuel.

Steps to close the fuel cap properly

- Place the fuel cap onto fuel port.
- Push it down firmly and turn it clockwise or 1/8th turn until we hear one click or three clicks.
- If we don't hear then we need to pull the cap and try again

In this modern era, the new vehicles are being designed without the fuel caps at all. Instead of traditional caps there is self-latching seal door that prevents the vapour from escaping.