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



Weekly report of
Green Good Deeds

(24 to 30 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. E-POSTER MAKING ACTIVITY ON THE TOPIC "PARK YOUR VEHICLE IN THE SHADE. VEHICLES PARKED IN THE SHADE STAY COOL, AND REDUCE FUEL CONSUMPTION BY MINIMIZING USE OF ACs"

Activity coordinator: Dr. Swati Sidana

Date: 28 June, 2021

Number of participants: 21 Students

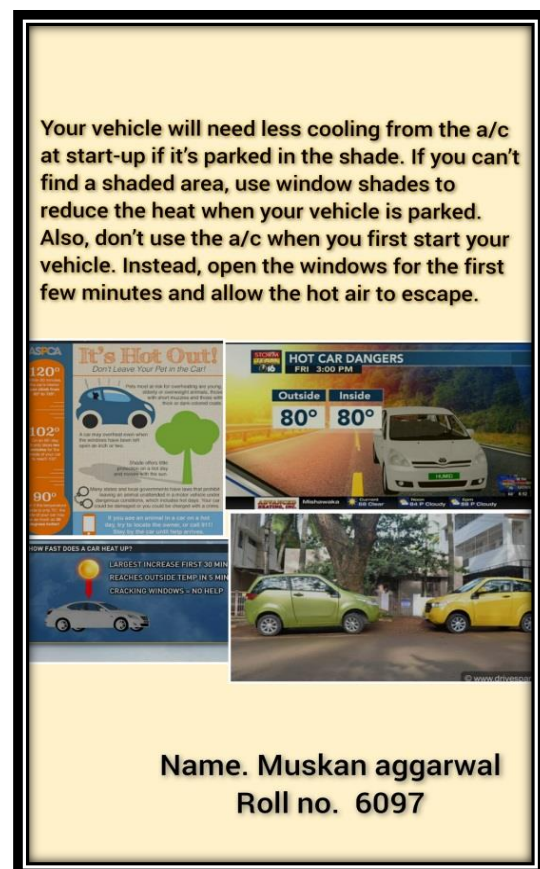
Objective:

- To spread awareness about the benefits of parking vehicles in the shade.

Context: Parking vehicles in the shade is the best method to keep them cool in the summer days. Volatile part of the fuel tends to evaporate quickly if the vehicle is parked directly under the sun. Parking under the shade maintains a cooler temperature inside the car so that you don't immediately need AC in your car as soon as you settle in.

Practice: The MCM Eco-Club organized an Online E-Poster making event on the theme of parking vehicles in the shade. Participants designed e-posters showcasing their creativity to illustrate points of interest, so that readers could get insight into several facts of reducing fuel consumption and minimizing use of ACs by just parking their vehicles in the shade.

Evidence of success: As many as 21 students of MSc I Mathematics participated in the event. With relevance to the theme, participants chose to highlight the advantages of parking vehicles in the shade.



PARK YOUR VEHICLES IN SHADE

Vehicles parked in shade stay cool and reduce fuel consumption by minimizing use of AC's.

☀️ Your vehicles also want to be cool. ☀️

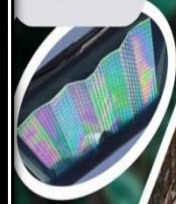
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Be cool and keep your vehicles cool.


Yes to windshield covers




Summer Heat



Fabric shade parking is what we want



Use urban trees street parking



Cool Fuel-Saving Tips For Summer

- Use AC Wisely**
Avoid AC use in hot, humid weather. Use AC only when necessary. Set AC temperature at least 2 degrees above outdoor temperature.
- Roll Down the Windows**
After driving, roll down windows to allow air to circulate. High speeds and open windows can reduce fuel economy.
- Park in the Shade**
Park in the shade to keep your car cool. Use shade covers or fabric shade structures to protect your car from the sun.
- Cost to a Stop**
The more you drive, the more you spend on gas. Plan your route to avoid traffic and use public transit when possible.
- Lighten the Load**
Remove unnecessary items from your car. A heavy load can reduce fuel economy.
- Remember Regular Maintenance**
Regular maintenance can help your car run more efficiently. Check oil, tires, and filters regularly.

Fuel Consumption at -30 deg C - SUV

Condition	Fuel Consumption (L/100km)
AC ON medium blower	~12.5
AC OFF windows down	~8.5
AC OFF windows UP	~7.5

CARBON FOOTPRINT

Carbon Footprint To Reduce by Cutting Fossil Fuel Consumption

TEMPERATURE: 81° | 100°

BENEFITS OF PARKING YOUR VEHICLES IN THE SHADE



- TO PROTECT AGAINST WEATHER- THE SHADE GIVES PROPER PROTECTION AGAINST THE SOLAR RADIATION, UV RAYS, RAIN, HAIL, WIND AS WELL AS DUST**
- SAVES A GOOD AMOUNT OF ENERGY- IT REDUCES THE AMOUNT OF ENERGY THAT IS REQUIRED TO COOL DOWN THE VEHICLE FROM THE DIRECT SUNLIGHT**

PREZINA, BDR

REDUCE ENERGY CONSUMPTION





Don't Leave Your Vehicle in a Hot Car (Too Hot to Enter)



TEMPERATURE: 81° | 100°




CARBON FOOTPRINT





Reduce Fuel Consumption:-


It is not easy running away from the sun, But while you can Sit in Air conditioning, your car Will Have to stay outside. Hence, whenever parking look for some shade if possible. Build a garage or a shade at your house insider to protect your car. If you're going to park the car for more than a day, ensure to cover it with full-Body cover.



Name:- Harsha Aggarwal
Roll No:-6085

Park in a shade

This is the best method to keep your car cool in the summer days. If you park your car in the shade, you will never have to worry about the sun heating your car up while you are away! If the sunlight heats your car up, you will have to wait till it cools down before you get in or start driving. This will eventually waste your time and fuel! Parking in the shade gives you an added advantage with your car's paint protection. The sunrays have bad long term effects on your car's paint and you can avoid them all by simply parking your car in the shade.



PARK IN SHADE

FUEL SAVED!

Solar Par

Make it habit to take good care of your vehicle always. When you park the vehicle during the day hours, do not expose the vehicle to sunlight for long durations. You will not be able to do this if you are on a drive but you will be able to take care of this part if you're parking the vehicle.



Park your car in the shade

Everyone need to park their vehicle in shade ... But no one willing to plant trees

How to **Protect Your Car from Every Season**

Extreme Heat

Park in the Shade
One way to avoid the sun's harmful effects is to simply park in the shade.

Use a Windshield Sun Shade
It will greatly lower the internal temperature of your car, which will prevent those nasty sun effects from inflicting heat.

Rain

Wash and Wax
This serves to protect your car by creating a barrier between the car's paint and the rain.

Seal any openings
Check out the rubber strips on doors, and immediately repair any fluid leakage damage!

Blizzards

Check Your Tire Pressure
When cold weather hits, the tire pressure can get lower.

Snow Tires
These tires have special treads that return snow traction, and stay steady in even the worst conditions.

Extreme Cold

Check the Battery
Batteries work faster in the winter, making it more likely for worn ones to stop working.

Get Special Wiper Fluid
These will include antifreeze properties, so you won't have to worry about your windshield.

Choose Right Car Shed Make
Price Protection
Size House



2. ONLINE AWARENESS QUIZ ON THE THEME “USING WASHING MACHINES EFFICIENTLY TO REDUCE WATER USAGE AND DRY CLOTHES IN THE SUN”

Activity coordinators: Dr. Neetu & Ms. Kadambari Pathania

Date: 29 June, 2021

Number of participants: 72 students

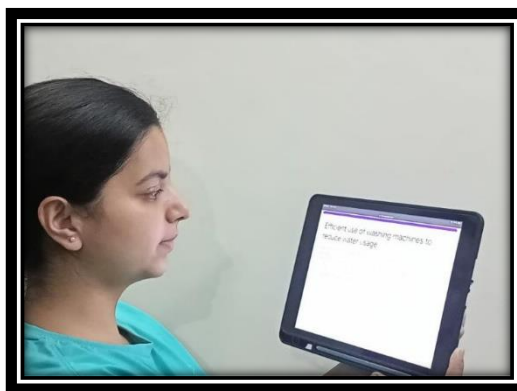
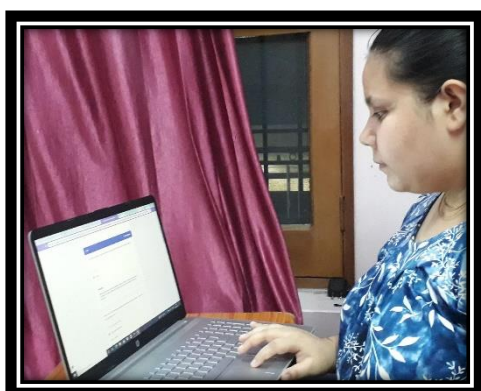
Objectives:

- To sensitize students about the need to reduce water consumption while doing laundry
- To understand suitable methods to lessen water wastage and thereby reduce water consumption cost in the household

Context: Around 13 per cent of household water use happens in the laundry, and with the right washing machine and the right methods it could be much less. Reduction in water consumption per household will reduce the water costs. A questionnaire was prepared to gauge the awareness of students on how to reduce the water wastage at home and methods were suggested to practice while doing laundry for reducing the usage of water.

Practice: The Department of Zoology prepared an awareness quiz on the theme ‘Efficient use of washing machines to reduce water usage’ on 29 June, 2021. The questions were put up in a way to help students recognize how and where the water wastage occurs during washing clothes. At the end of the quiz, alternate methods and solutions were offered pertaining to lessen the water consumption of the household and reusing the grey water. Other suggestions given were- doing the laundry when enough wash load has accumulated, re-wearing some clothes like jeans, maintaining the equipment and checking for leaks and fixing them immediately, replacing older washing machine models with newer ones which are water and energy efficient and drying the clothes in sun rather than in the washing machine.

Evidence of Success: 72 students of B.Sc. Medical participated in this activity. The quiz aimed to raise the awareness levels of the students. The results of the quiz showed that most of the students were unaware of the water wastage levels that occur while washing the clothes and did not know about alternate methods of reducing water consumption at their homes. At the end of the quiz, students were able to understand how they can put the suggested methods into action for reducing their household water consumption while doing laundry.



3. AN ONLINE AWARENESS CAMPAIGN ON JUDICIOUS USE OF AIR CONDITIONERS

Activity coordinator: Dr. Shafila

Date: 30 June, 2021

No. of student volunteers: 24

Objectives:

- To create awareness about the judicious use of Air Conditioners (ACs).
- To acquaint everyone with knowledge of regular cleaning of filter in order to enhance air conditioner's efficiency.

Context: Demand for air conditioning increases with rising temperatures during summers. Air conditioners consume a lot of electricity and energy, and their improper maintenance results in higher operational costs. Also, they have a negative impact on the environment as they release greenhouse gases that trap heat and lead to depletion of the ozone layer. Wise use of air conditioners is necessary to reduce power consumption and to prevent harmful effects on the environment.

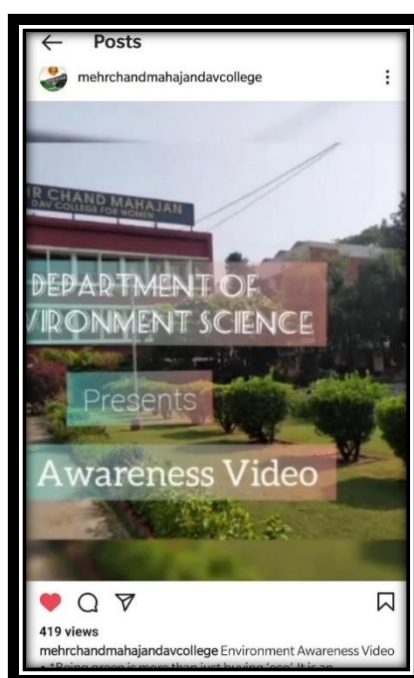
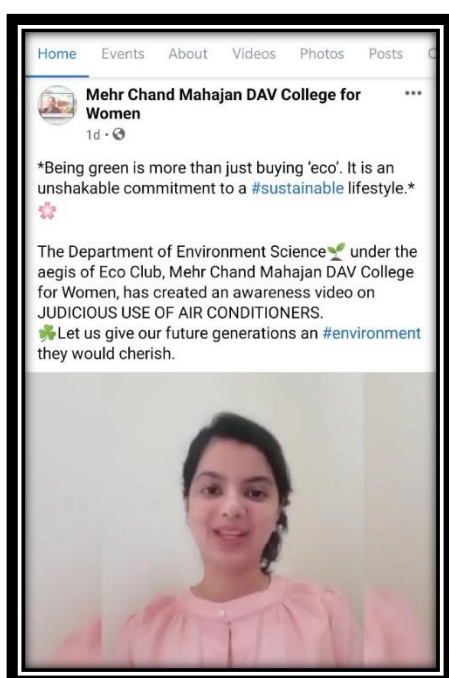
Practice: Keeping in view the environmental impacts of inappropriate use of Air Conditioners, Department of Environment Science of the college under the aegis of MCM Eco-club created a video to spread awareness about judicious use of Air Conditioners. Over 24 student volunteers participated and contributed in generation of this video. They shared tips and tricks that might help reduce air conditioning costs. They elaborated upon the factors like star rating, size of the room, number of people in the room, position of the AC, that influence the energy expenditure of an air conditioner.

Evidence of Success: The video was shared on multiple official WhatsApp groups and social media handles of the college like Facebook and Instagram in order to spread the message to the maximum.

Online Links for the video on Facebook and Instagram are given below:

<https://fb.watch/6tyNzwHXu-/>

https://www.instagram.com/tv/CQui5P9g3GM/?utm_source=ig_web_copy_link



MCM ECO-CLUB GREEN GOOD DEEDS