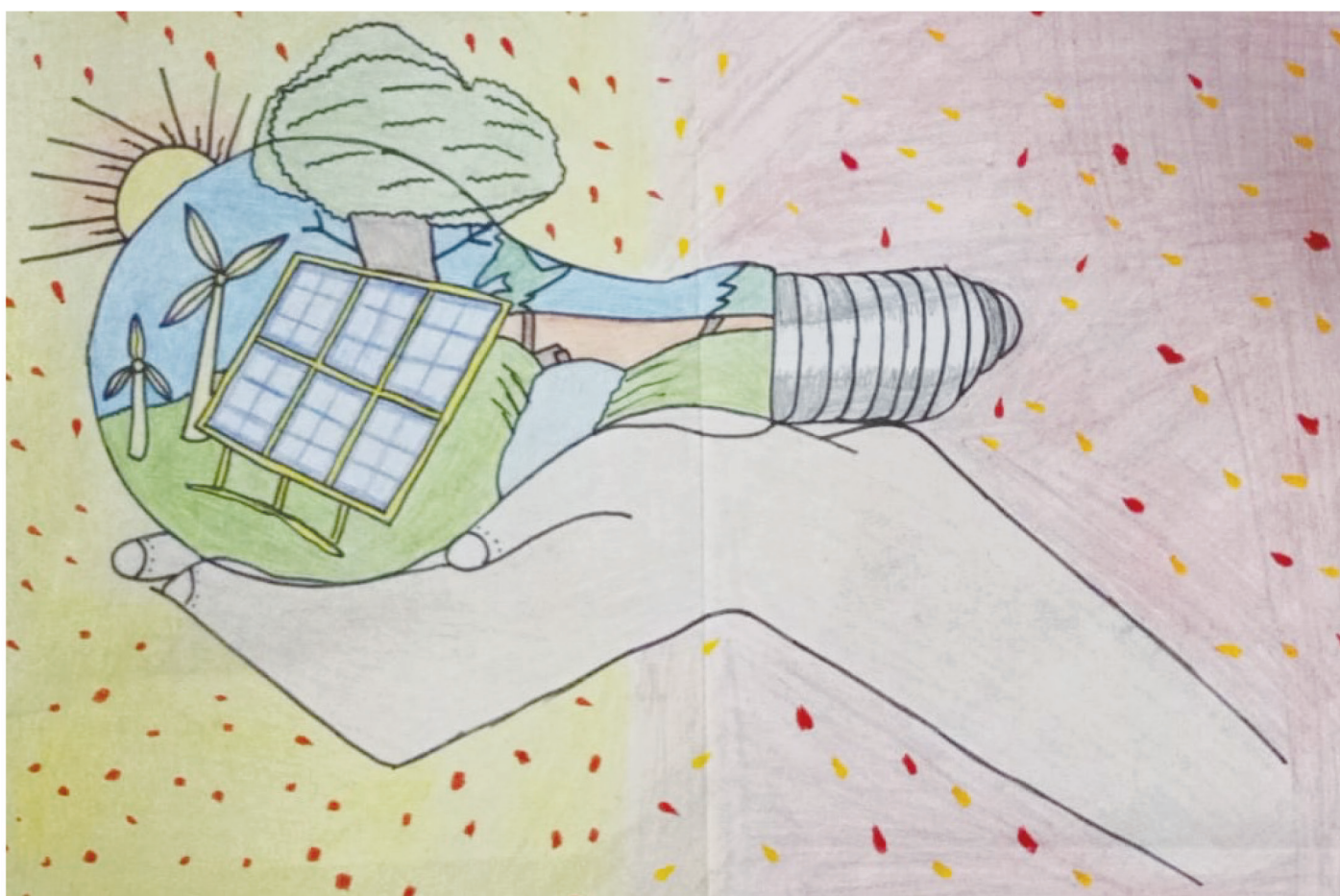


October 2023



An initiative under CERC-ATGL Greenmosphere Students' Club

**adani**  
Gas





Dear Students,

It is encouraging to see how you have taken a keen interest in the activities of the Greenmosphere Club and have worked towards spreading awareness about energy efficiency and energy conservation. You are the future leaders, innovators and change-makers of our society and to see you young citizens take steps towards protecting the planet is very reassuring.

I urge you to continue to reflect on your own energy consumption habits and to consider how you can contribute to the conservation efforts within your family and community. Share your ideas on these points and what action you have taken. Through this magazine we aim to provide a platform for discussions within your classrooms, homes, and communities.

‘Green Millennials’ is an online magazine published every month, which is available to you directly in your mailbox or your WhatsApp. We invite you all to participate by sending in your creative contributions to [greenmillennials@cercindia.org](mailto:greenmillennials@cercindia.org) along with your full name, school name and photographs, for selected works to be published.

Happy Green-Clubbing and Happy Reading

Anusha Iyer  
Manager- Advocacy  
Consumer Education and Research Centre

## **A Day without Electric Power!**

We are held up for the whole day due to power shutdown for making maintenance work possible for the whole town mocking at the civilization of modern material world we proud of..!

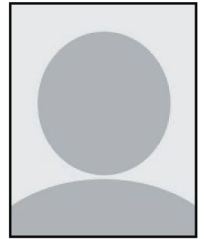
Will it be possible to live without money and electricity?

This question has cropped up during power shutdown to find an answer to overcome dependence on money and electricity.

With solar and wind energy, electric power can be generated if we live in farmhouse in the outskirts of town by riverside!

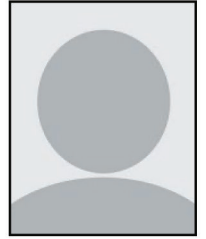
Also, without computer internet connection nothing is possible. Nowadays in such a way that when electric power goes off, no One can wait long in patience to do any work as all transactions are done either by computer or smart phone everywhere..!

Even if one quits using a personal phone or computer, they have addictions, and no one can escape their use!



Dev  
Class 8  
Army Public School





**Daksh Arora**  
**Class 7**  
**Anand Niketan, Satellite**

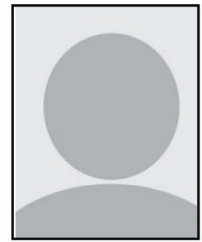
## Dance performance on 'Save Energy' by students of Little Flower School





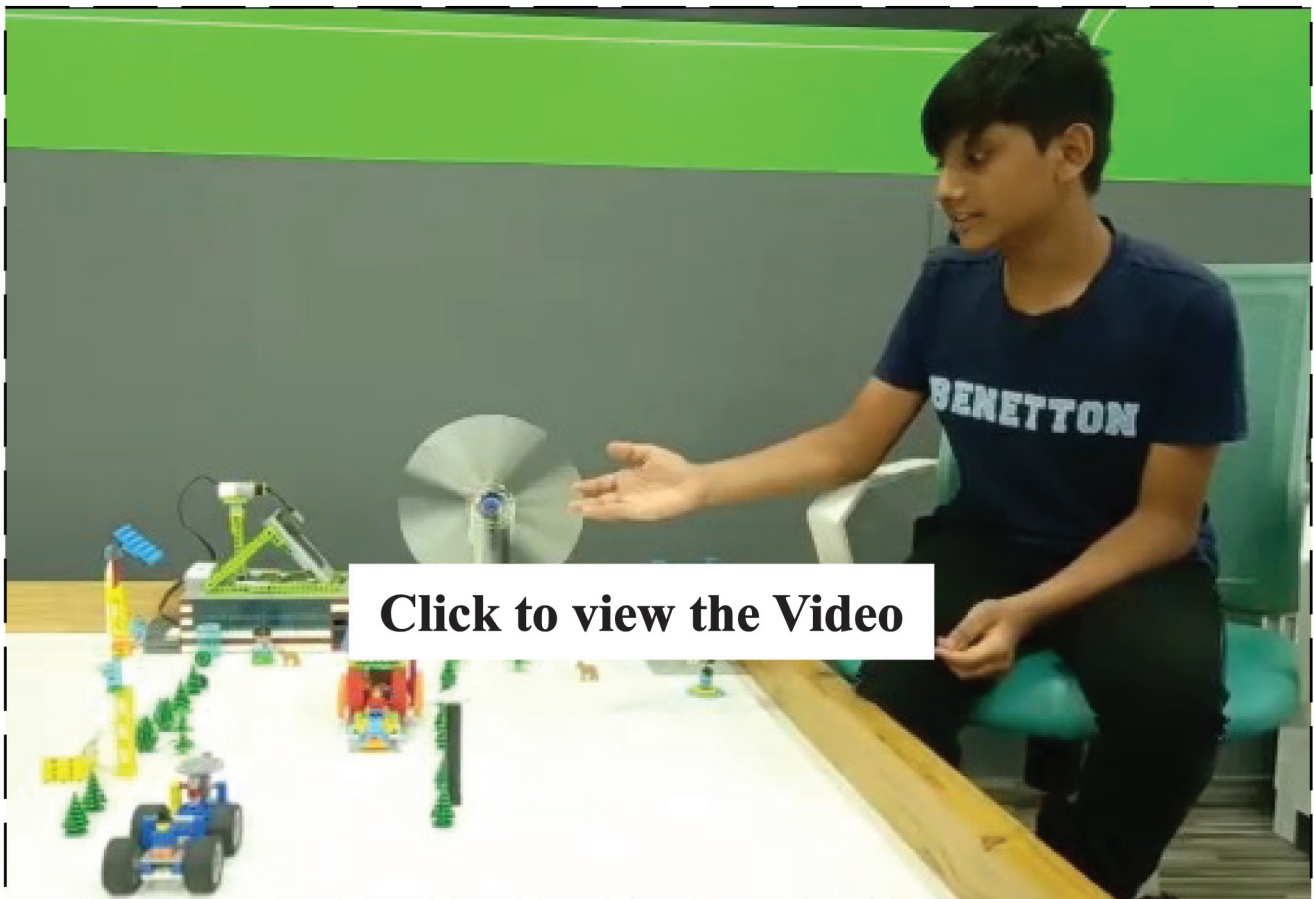
## Thoughts on 'Life without Electricity'

"There would be no power to use your fridge or freezer, telephone lines would be down and phone signal lost. Your mobile phones will be useless as the battery dwindles, with no back up charging option. Your gas central heating won't work and your water supply would soon stop pumping clean water."



Ravinder Gurjar  
Class 9  
KVM International School

## Working Model on 'Sustainable Smart City' by Kavish Shah of Rachana School



## CONSERVE ENERGY FOR BETTER LIFE IN 2050 A.D.

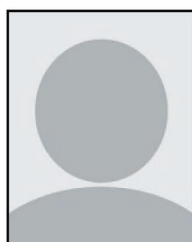
Many millions of years ago even before the age of dinosaurs, ancient plants and in swamps as they died they were covered by layers of mud, sand, and other materials. The great weight of these layers compressed them turning them into fossil fuels which we now use today as a source of energy, these include gas, oil, peat and coal.

Today we use fossil fuels to make electricity which power things in our homes like lights the TV appliances, kettle to boil water. Petrol and diesel are used to power most of the transportation. When fossil fuels are burned in power station they release a chemical energy inside them which then turns to heat energy. This energy is used to boil water which is used to turn turbines which generate electricity. We need to look at ways to fix this problem to help to stop climate change.

We need to reduce the amount of fossil fuels that we use. We can help to reduce the energy we use at home by making sure the heating isn't on too high and turning off the lights, T.V. when not in use. We can also walk and cycle rather than using cars. We need to increase the use of renewable sources of energy such as the wind and the seas. They can be used to turn turbines to produce electricity. We can also directly harness the sun's energy by using solar panel for heat or electricity.

Burning any fossil fuels releases a gas called carbon dioxide which gets trapped in earth's atmosphere. The build-up carbon dioxide allows the Sun's rays in but doesn't let the heat out so the more fossil fuels we burn more carbon dioxide we produce which traps more and more of sun's heat. This global warming is causing our climate to change faster than ever before with more extreme weather events like storms, droughts, and floods and rising sea levels.

We can use heat pumps to heat our homes, and more sustainable electricity can be used to power cars and other forms of transport. We all need to make changes like these to reduce the effects of climate change and ensure a cleaner, greener and more sustainable future for everyone.



Dirva Shah

Class 6

Vijaynagar English School

Cover Image



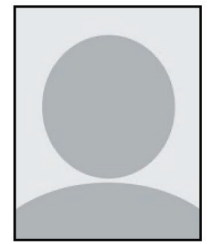
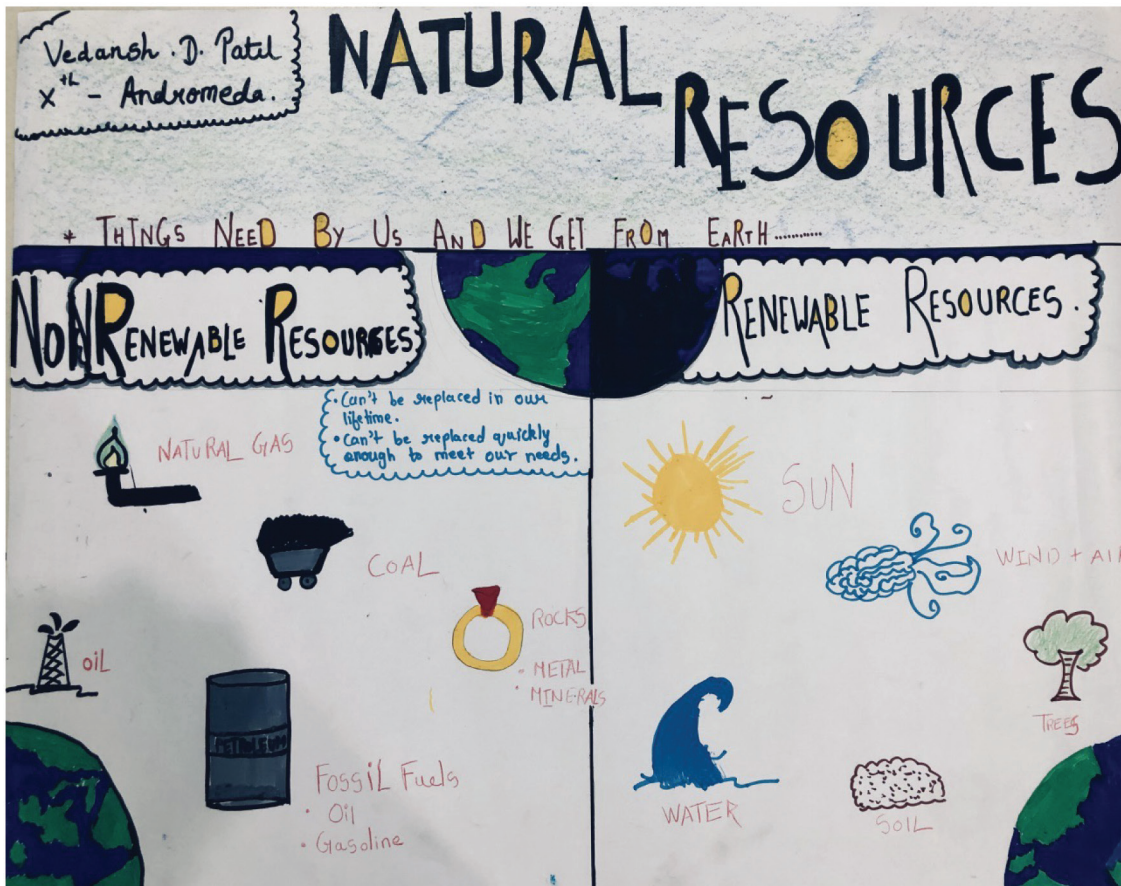
Sabera Ansari

Class 11

FD High School

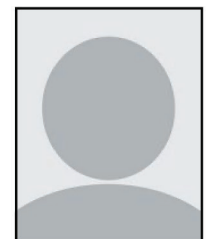
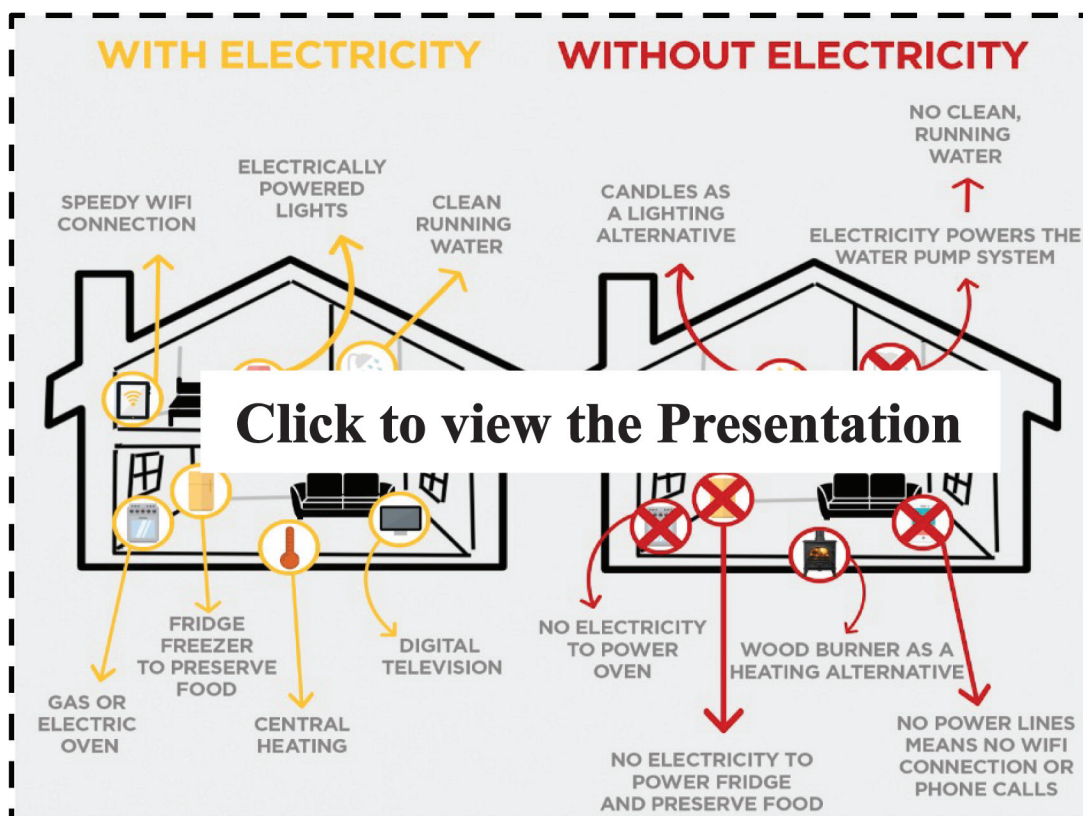






Vedansh Patel  
Class 10  
Anand Niketan  
Maninagar

## Presentation on Energy Conservation



Vrunda Vora  
Class 7  
Adani Vidya Mandir



**Riddhi Rana**  
Class 9  
Vedant Vidhya Vihar

Green Millennials is a monthly e-newsletter, published as part of the CERC – ATGL Greenmosphere Students’ Clubs project. These clubs are an initiative of Adani Total Gas Ltd (ATGL) and Consumer Education and Research Centre (CERC) for school students. They aim to sensitize young students about energy conservation and through participative activities, convert them into ‘Conservation Ambassadors’ of the future. The newsletter will carry contributions by member students in the form of essays, write-ups, poems, artwork, drawings etc. on various energy conservation themes.

\*The material used in this issue does not necessarily represent the views of CERC