

DATE: 30.8.2020	NO. OF STUDENTS: 39
FACULTY: Dr. Jagannatha, Dr. Nagaland, Dr. Nagappan, Dr. Cyril Benedict, Dr.Dilshad	ORGANISING AGENCY Vinitha.A , Rebecca.J Praveen.R, Steffy.S, Sivandhini.P.S, Monisha D , Kokila SK , Naresh B , Iswarya S Qurathul Ayn Fathima, Shanmugapriyan.P.

SPECIAL EVENT REPORT

WORLD EARTH DAY

22nd APRIL, 2020

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1. INTRODUCTION

Earth Day 2020: The theme for Earth Day 2020 is climate action. The Earth day is observed on 22 April every year. Earth Day was founded by American senator Gaylord Nelson for environmental education. This day commenced on April 22, 1970, and in 2020 we are observing 50 years of its inception. Today more than 1 billion people in 192 countries of the world are celebrating Earth Day.. Earth Day is now a global event each year; it is the largest civic-focused day of action in the world.

Mahatma Gandhi once said that "*nature has enough resources to fulfill the needs of the human being but it can't fulfill the greed of the humans*".

As scientific innovations are taking place around the world, the pace of environmental degradation is also increasing. So to increase the awareness about the environmental degradation some individuals and institutions have come forward for this good cause.

Earth Day Network (EDN), the organization that leads Earth Day worldwide is educating millions of people about the health and other risks associated with the use and disposal of plastics, including pollution of our oceans, water, and wildlife, and about the growing body of evidence that plastic waste is creating serious global problems.

The factors that destroy the Earth's environment are as follows;

1. Polyethylene is one of the most polluting elements of the world. Plastic pollution is poisoning our land and oceans, injuring marine life, and affecting our health.
2. Deforestation for commercial purposes
3. Lesser awareness in the mass about the environment protection around the world
4. Exploiting the nature of the human being. The human wants to fulfill his greed from nature, which is next to impossible.
5. The neutrality of the environment protection laws all over the world.

The question about COVID-19 pandemic being a godsend for human beings or not can not be answered, but it would seem to be one for the environment.

Following the outbreak of the coronavirus, many countries had adopted lockdown procedures that stopped people from moving out and for shops and other establishments to close down. The COVID-19 lockdown has had a positive impact on the environment .Before the start of the COVID-19 pandemic, the air around us had been deemed very toxic to breathe in due to the amount of greenhouse gases that had been emitted over the centuries. The Earth faced rising temperatures, which in turn led to the melting of glaciers and rising of sea levels. Environmental degradation was happening fast due to the depletion of resources such as air, water and soil. But after the coronavirus lockdown commenced, there have been slight changes in the environment.

Impact of COVID-19 Lockdown on Environment:

Air Quality:

After the lockdown was put in place in many countries, there was lesser travelling done by people, whether it be by their own cars, or by trains and flights. Even industries were closed down and not allowed to function. This in turn led to the pollution in the air dropping significantly, as there was a marked decline in nitrous oxide emission.

Water Quality:

Since there were no boats, whether they be fishing or pleasure ones, plying on the rivers and waterways, the water has cleared up. In areas like Venice, the water

became so clear that the fish could be seen and there was better water flow. No doubt, because of the lesser human footfall even the oceans are recovering and marine life is thriving.

Effect on Wildlife:

Again where fish is concerned, the lockdown has seen a decline in fishing, which means that the fish biomass will increase after over-fishing almost depleted it. Apart from that, animals have been spotted moving about freely where once they would not dare to go. Even sea turtles have been spotted returning to areas they once avoided to lay their eggs, all due to the lack human interference.

Effect on Vegetation:

Plants are growing better because there is cleaner air and water, and because yet again there is no human interference. With everything at a standstill, plants are allowed to thrive and grow and produce more coverage and oxygen. Less litter also means lesser clogging of river systems, which is good in the long run for the environment.

Though there has been a positive impact on the environment due to the lockdown, there is fear that once people start travelling again or go back to doing what they have been doing, all the positive impact will also disappear.

Finally, it can be said that the real Earth Day will be observed on the day when we convert this earth as a safer place for our coming generations.

Dr.Naresh gave an introduction for the same followed by the events.



REC



Earth Day 1970 - 2020

50TH ANNIVERSARY | TIME WILL TELL

CHANGING AND GROWING: 215+ YEARS CO.

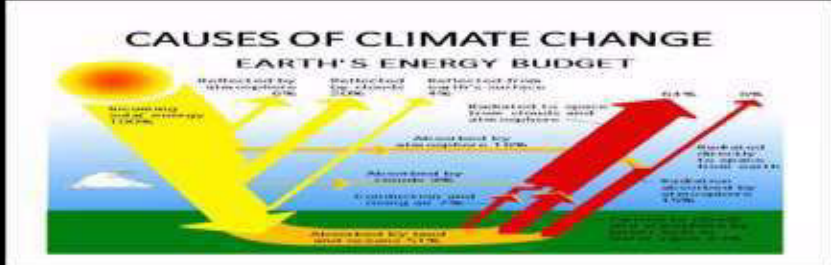


PER CAPITA CO₂ EMISSIONS (2000) vs. 2019 (US EPA)



REC





THEME FOR THE WORLD EARTH DAY 2020



OUR THEME FOR THE EVENT –“SHE IS HEALING”

2. EVENTS

In order to bring awareness about the event and to enable the young and budding dentists to be concerned about the well being of Our Mother Earth and the environment ,we, the house surgeons posted in the Department of Public Health Dentistry, came up with a few events on account of the World Earth Day.The events were conducted on 30th April, 2020 in the online class via the Zoom app between 11.30 AM and 12.30PM. The faculty members, house surgeons and the final years posted in the Department of Public Health Dentistry took part in the event.

The various events that were organised are as follows:

- i) Quiz-Steffy
- ii) Gibberish challenge-Rebecca

iii) Wipe off challenge-Kokila

iv) Tic tac toe-QurathulAynFathima

v)Elephant in the room-Sivandhini.

3.VIDEOS

The videos that were played during the session are as follows:

i) Don't rush challenge

ii) Video on air pollution

iii) Passing the pledge

iv) Quarantine video

v) Watering the plant

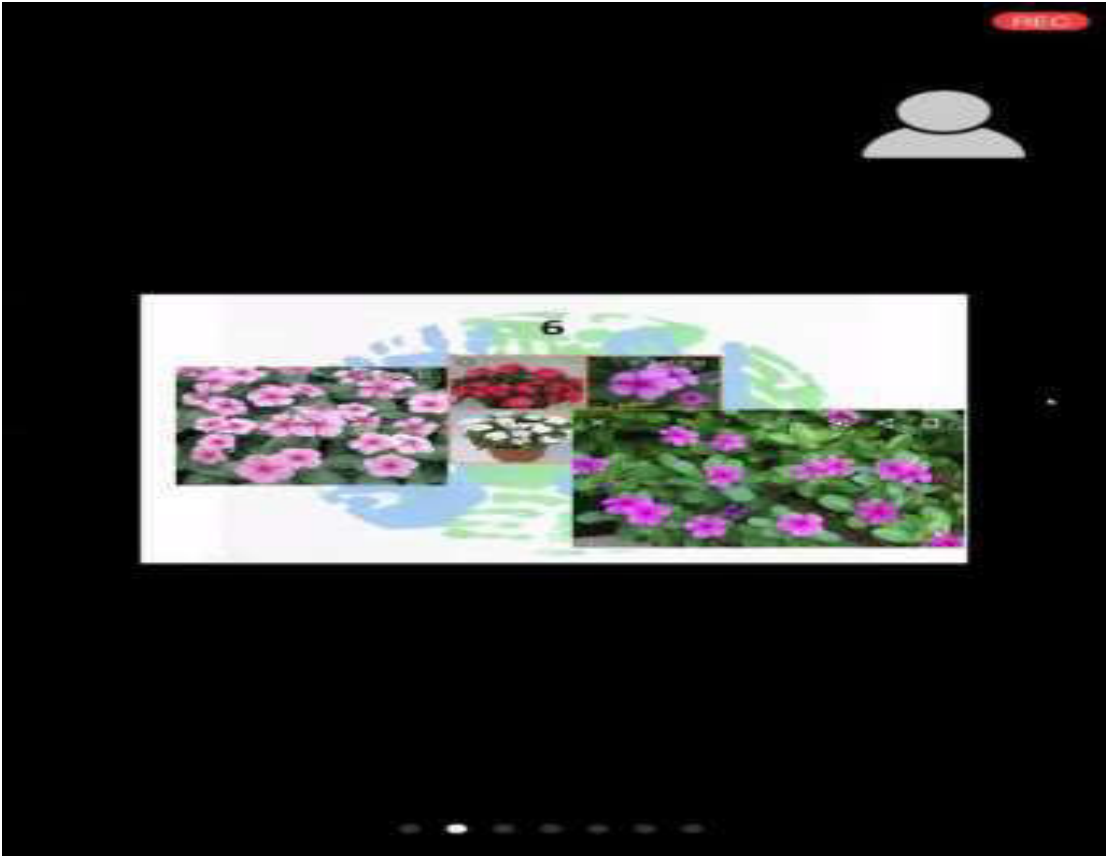
vi) Meme video

vii) Video with Bingo challenges

2.1 QUIZ

- Activity in-charge: Dr.Steffy
- A quiz acknowledging how Mother Earth is embracing dentistry by offering a lot of things for us to survive .

- The game was conducted between Interns and Final year students.
- The quiz had picture based questions for the participants to be exposed to an innovative version of the quiz.
- The pictures of the natural products that are derived from the nature for use in dentistry was displayed such as chitosan, agar, guttapercha, clove oil etc. There are n number of products we are using in dentistry that is obtained from nature.
- There were 20 questions ,10 questions each for final year and house surgeons.
- A time limit of 15 seconds were followed for each question.
- When the participants were not able to find out the answer ,a clue was given projected.
- This game was conducted to test their knowledge and also let them know that there are natural products offered by Mother Earth to be used in dentistry and we dentists should be grateful for it.
- The final year students and interns actively participated in the game.

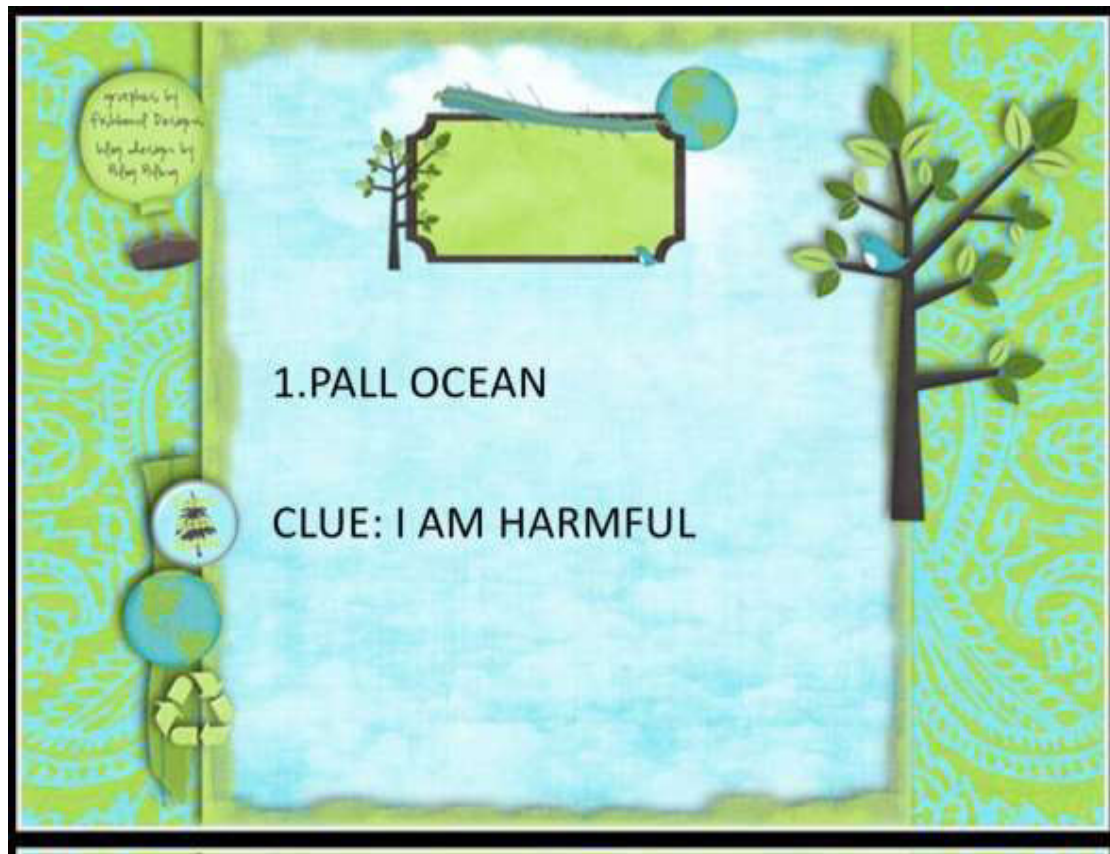




2.2 GIBBERISH CHALLENGE

- Activity in-charge: Dr. Rebecca
- The game was conducted between interns and final years.

- A time limit of 8 seconds was given each question.
- 10 words related to Earth and Go Green Plan were listed and these words were substituted with words which sound similar to it or gibberish words.
- When the participant tries to pronounce these gibberish words faster ,they will be able to find out the actual word.
- The essence of conducting the game to make sure that people get to know about importance of celebrating the day in fun-filled manner
- Active participation from both interns and final years was appreciated



2.3 WIPE OFF CHALLENGE

- Activity in-charge: Dr.Kokila
- The theme of this game was “nature based dentistry”

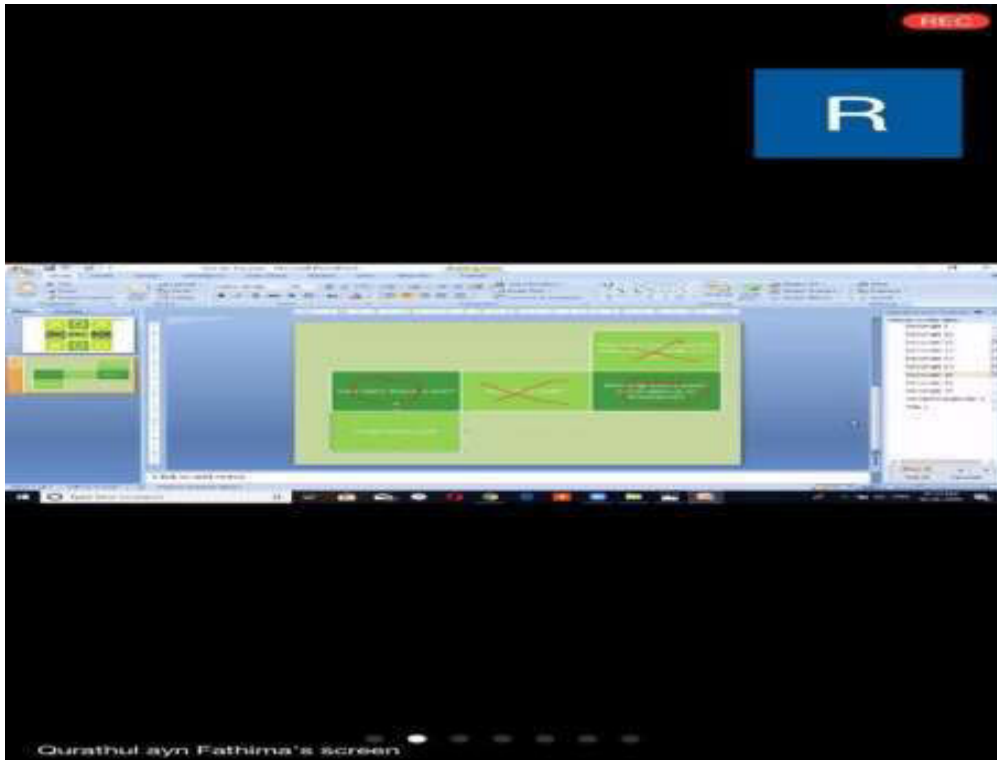
- A set of 5 words were given and participants were asked to find the odd one out which is related to nature and the clue given was dental related words.
- Both final years students and interns were asked to answer to the questions alternatively and each of the group were given 10 seconds and representatives were selected from each group and they were asked to answer to the questions.
- The house surgeons and students actively participated in this event.





2.4 TIC TAC TOE

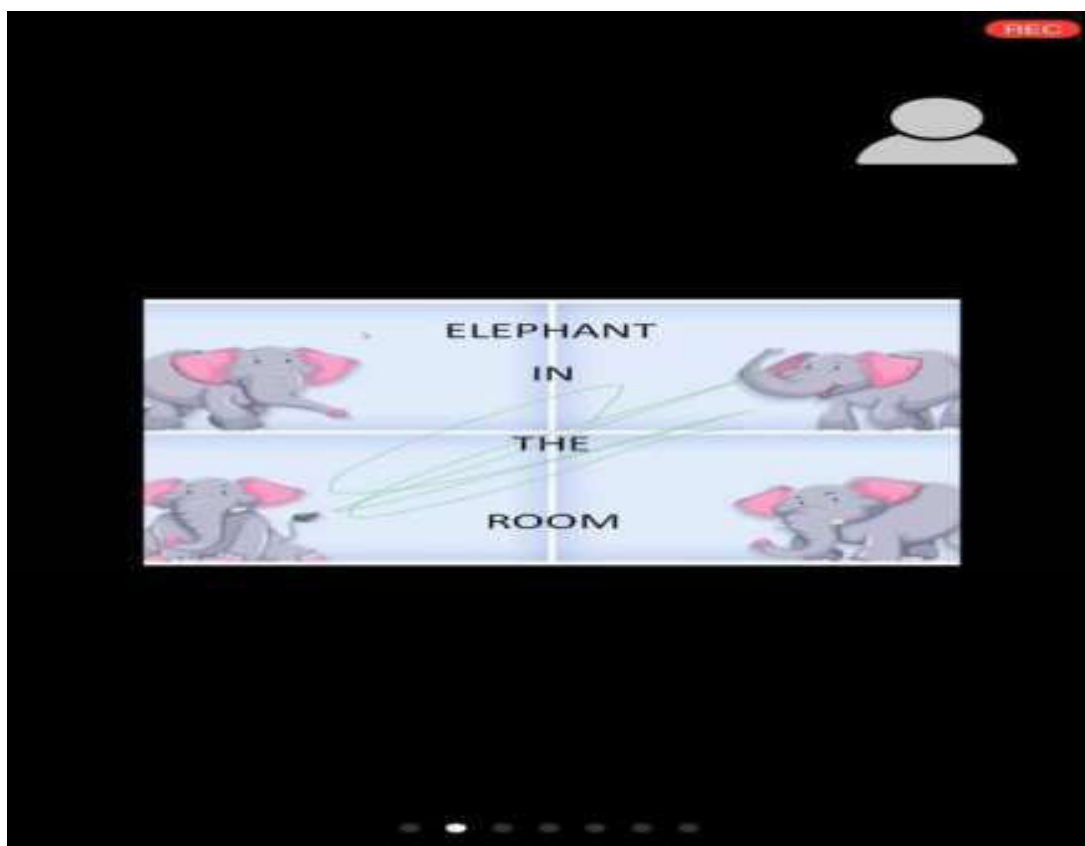
- Activity in-charge: Dr.QurathulAynFathima
- This activity was held for interns and the final year students.
- This game was a digital version of the traditional tic tac toe game that we all played during our childhood but for a change it was based on the conservation of of Our Mother Earth .
- The students were asked questions about earth and fun facts were discussed during the game .
- This activity was organised to brainstorm the participants to elicit the right answers from the simple clues given to them.
- The success was faced by interns only after undergoing a tough competition with the final years.



2.5 ELEPHANT IN THE ROOM

- Activity in-charge: Dr. Sivandhini.P.S
- The game had 4 rounds.
- A story /paragraph based on Mother Earth was read out to the participants .
- Each paragraph had 3 words/clues in varying scales of difficulty related to the nature and the factors that caused pollution .
- The participants were asked to listen to the story carefully and the moment they heard that particular word ,they were asked to stop and say ZOOM.

- Every word that was found out carried one mark.
- This game was conducted to kindle their listening skills.
- Both final years and house surgeons participated enthusiastically.





3.VIDEOS

- i) Don't rush challenge
- ii) Video on air pollution
- iii) Passing the pledge
- iv) Quarantine video
- v) Watering the plant
- vi) Meme video
- vii) Video with Bingo challenges

3.1 DON'T RUSH CHALLENGE

A video was made to create awareness to save electricity ,to reuse the plastics and to use re usable batteries.

- The most trending Don't Rush Challenge was used to create the above mentioned awareness.
- 3 pairs of video scenarious were compiled into one.
- Eg:One pair comprised of a person wasting a particular thing and other person reusing it.







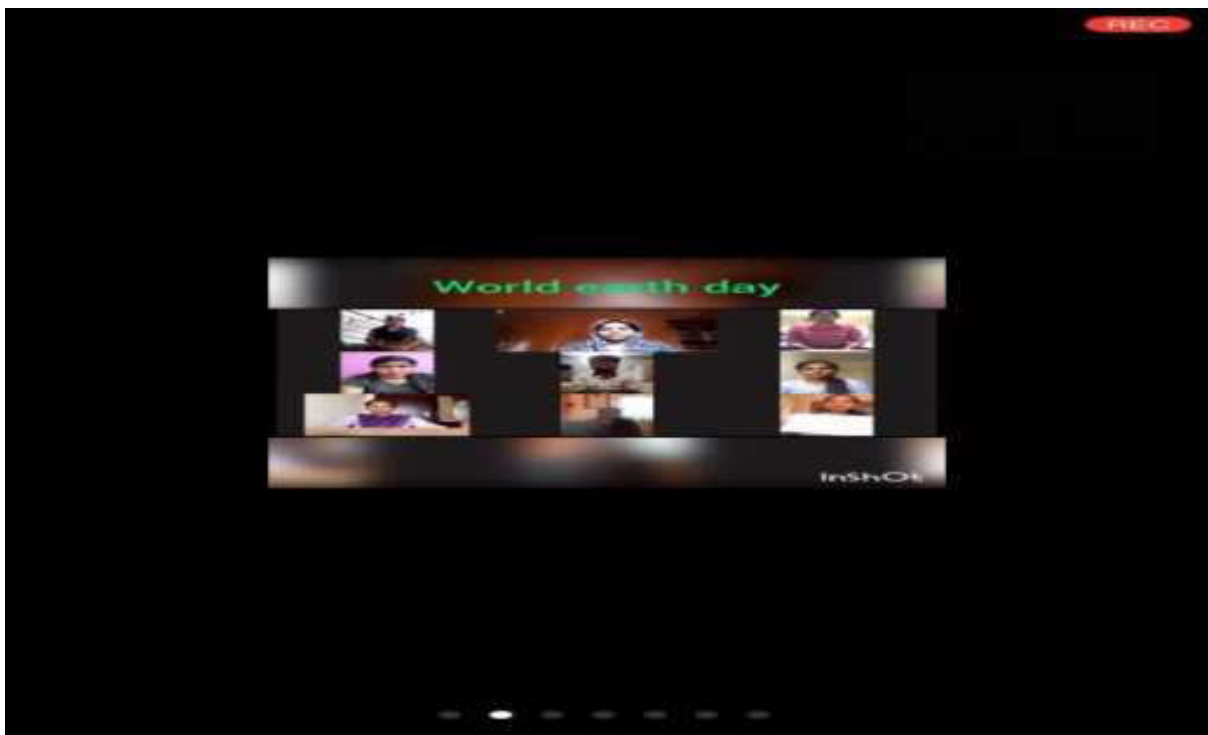
3.2 VIDEO ON AIR POLLUTION

- A video made by Dr.Praveen.

- The video is based on air pollution and the ways to control it.
- In our day-to-day life each one of us are causing air pollution in some way or the other.
- Hence ,this video depicts how air pollution is being caused and the measures we can take to prevent it from occurring .

3.3 PASSING THE PLEDGE

- A video was made by screen recording a zoom meeting in which the hosts passed pledges among themselves in a sequential manner which allured the audience.

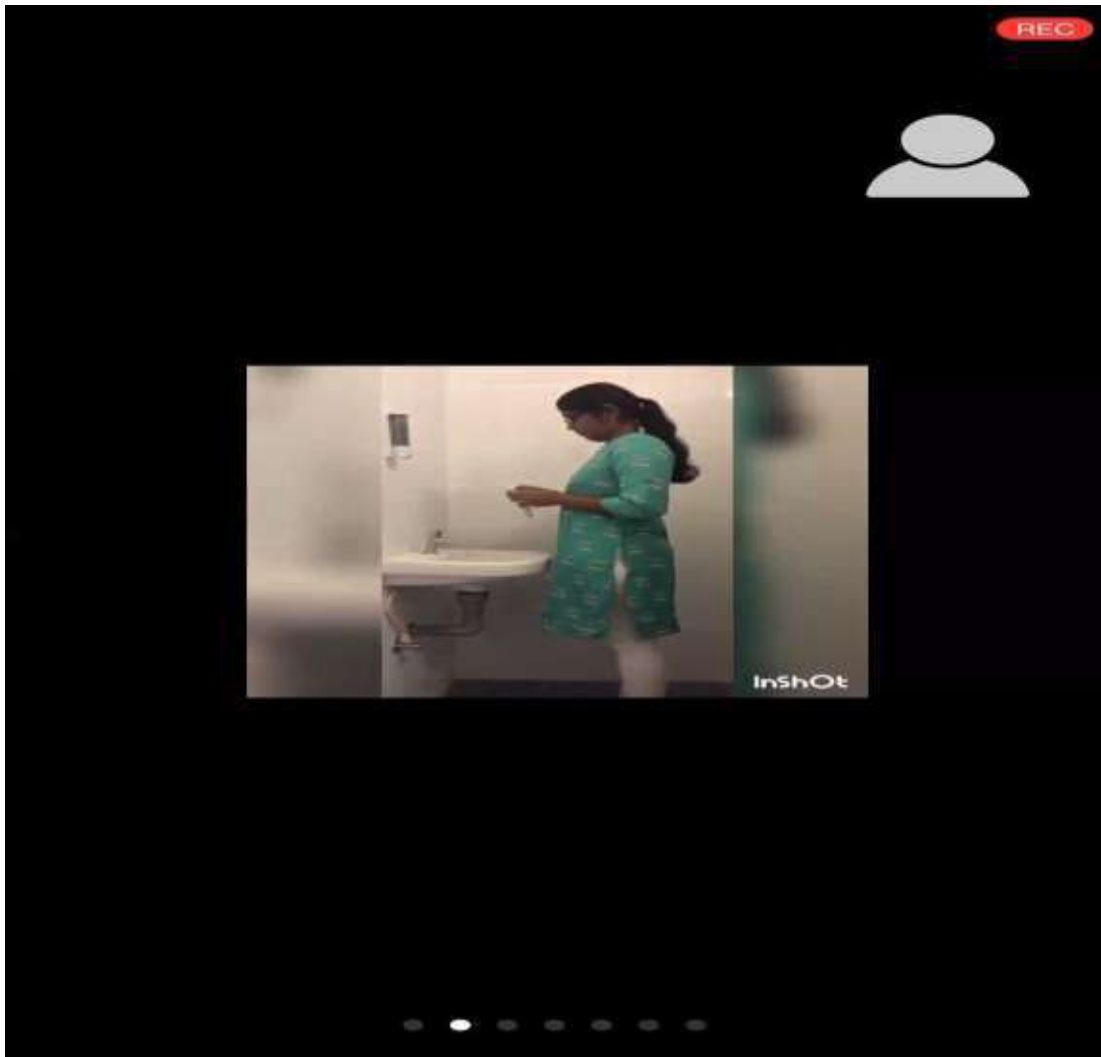


3.4 QUARANTINE VIDEO

- Done by Ishwarya.
- A video on how all of us are depleting the resources that we have been blessed with with ignorance and reluctance.

- It also depicted how one minute of turning the light ,putting the litter in trash cans will help ourselves and the people around.

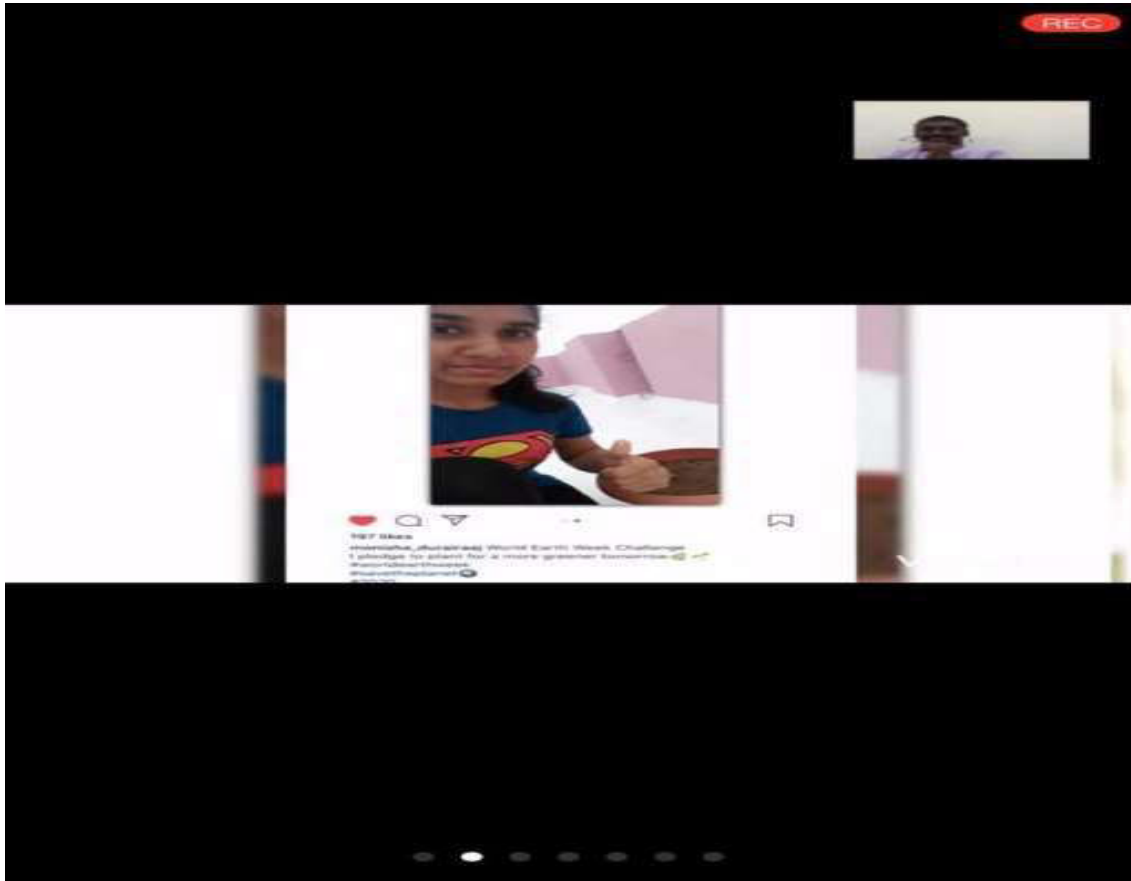
Through this video we conveyed about the role we can play to make this world a better place to live in –“LIVE AND LET LIVE”.



3.5 WATERING THE PLANT

- Participants took a variety of challenges and posted it on their social networking sites such as feeding the stray animals,eatingorganic,conservingelectricity,planting a tree,watering the plant etc.

- A compilation of the participants and the organisers watering the plants was made into a video by Dr.Vinitha.
- This was a small step taken from our side to save nature.



3.6 MEME VIDEO

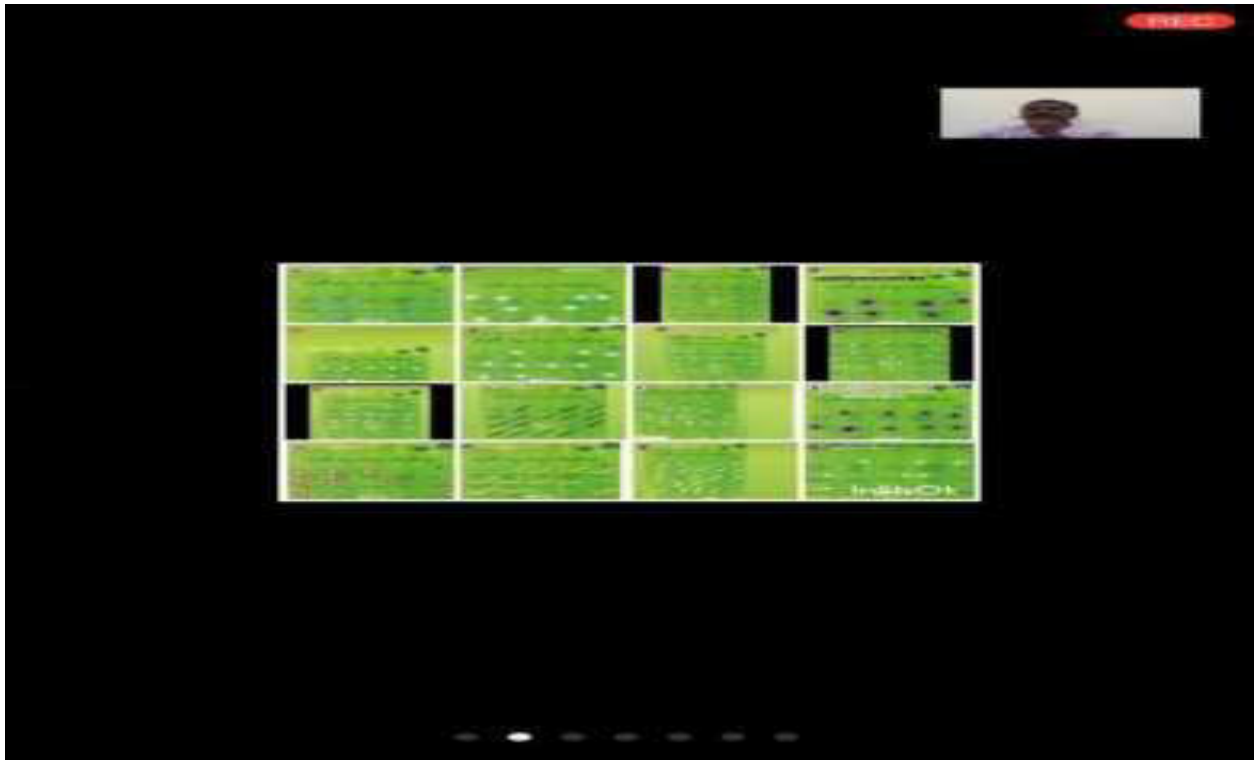
- Done by Dr.Shanmugapriyan
- An hilarious meme video was made depicting the expressions of Earth before and after Covid -19. The video did not fail to tickle the funny bone of our audience.





3.7 COLLAGE WITH BINGO CHALLENGES

- Done by Rebecca.
- A week before the event, the most trending online game BINGO was conducted on a social networking site in which many participants took up the challenge.
- This bingo template had certain questions like had u eaten organic food, made money out of waste ,watched a nature based documentary etc.
- The screenshots of the bingo challenge accepted by all the participants was made into a collage and projected during the event.



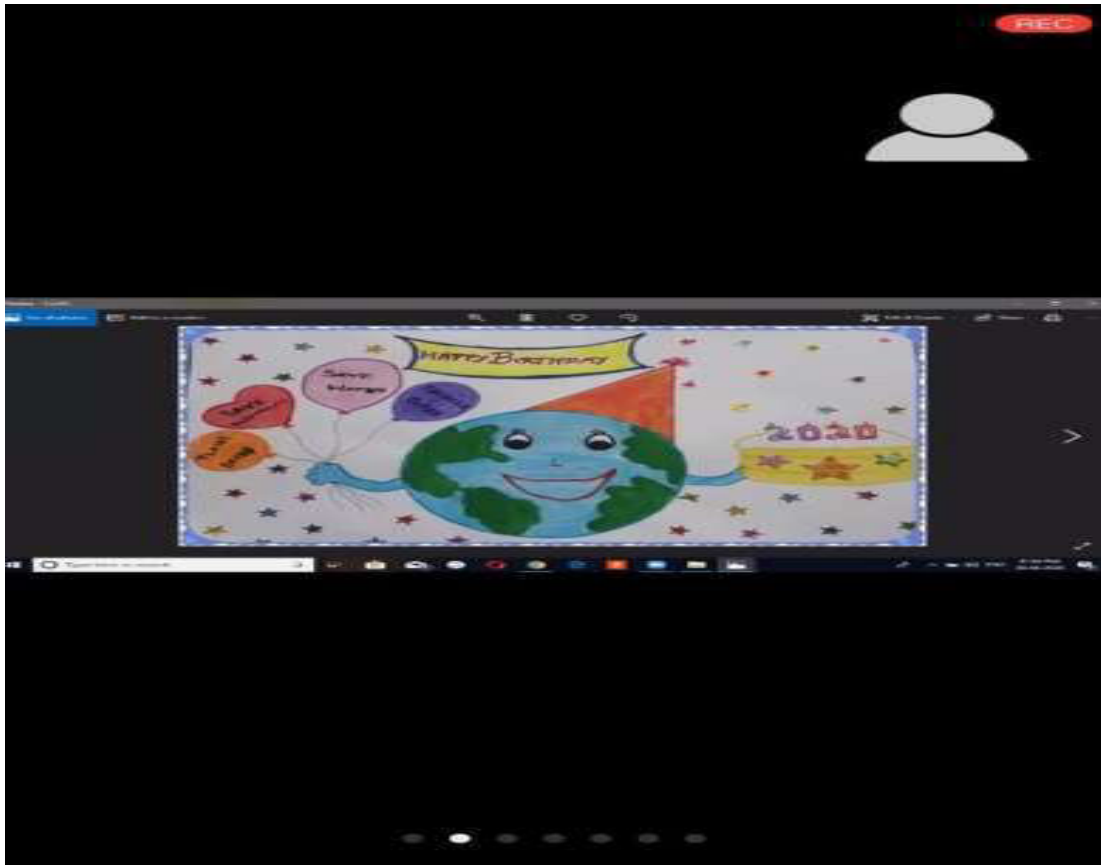
4.SKETCHES AND LOGOS

- Done by Dr.Vinitha and Dr.Shanmugapriyan.
- Sketches were done to depict that Earth was celebrating her birthday,the Earth before and after Covid -19.
- We also projected our logo which was exclusively designed by all of us .We had incorporated the handprints of all the organisers in the picture of our Earth in a greenish background .



inspired





5. CONCLUSION

We concluded the event by emphasizing on the fact that OUR MOTHER EARTH has to be protected from the dangerous effects of pollution and environmental hazards caused by mankind.

Also, we put forth that during the Covid -19 lockdown the earth has started to heal gradually and its in our hands to help our Mother Earth continue with her healing process even after we humans come back to our routine life post-lockdown.

There was an active participation from the house surgeons and final year students for all the activities which made the event a great success.

We thank the staff members for giving us an opportunity to explore and proceed with the various out-of-the-box options to make the online sessions engaging for the participants and the hosts of the event.

We, the organisers of the World Earth Day event made a collage of all of us holding each of the letter from our theme “SHE IS HEALING”. This was done to show our support for the healing process of the Earth.



6.APPENDIX: LIST OF PARTICIPANTS

Faculty members:-

1. Jagannatha G V
2. Dr.Nagappan N
3. Dr. Nagaland T
4. Dr. Cyril Benedict
5. Dr.DilshadBanu

Interns:-

1. Vinitha.A
2. Rebecca.J
3. Shanmugapriyan.P
4. Praveen.R
5. Steffy.S
6. Sivandhini.P.S
7. Monisha D
8. Kokila S K
9. Naresh B
10. Iswarya S
11. QurathulAynFathima
12. Aarthi K

13. Bhavana B
14. Hemalatha T
15. Keerthana.M
16. Kavitha
17. Mukilan
18. AkanshaTini. P
19. Keerthana S
20. Clement Solomon
21. Nandhini.R
22. Ilavarasi. K

FINAL YEAR STUDENTS:-

1. Sophia
2. Sowmya
3. Sruthi
4. Subakeerthi
5. Subashini
6. Sureka
7. Surya

8. Tamil Selvan































9. Varshini

10. Vikneshwari

11. Vikraman

12. Vishalini

13. Yuvarani

 Kokila S K	 	 Clement Solomon	 
 Monisha Durairaj	 	 DILSHAD BANU	 
 Nandhini R	 	 Dr N Nagappan	 
 Praveen R	 	 Dr Nagaland	 
 Qurathul ayn Fathima	 	 Dr. Jagannatha GV	 
 Rebecca Joseph	 	 Hema Latha	 
 Shanmuga Priyan	 	 Iswarya srinivasan	 
 Sowmya Natarajan	 	 Kavitha Mohan	 
 Steffy Selastin	 	 Keerthana Manikandan	 
 Subashini Natarajan	 	 Keerthana Sivaraman	 

[Invite](#)

Close

Participants (39)

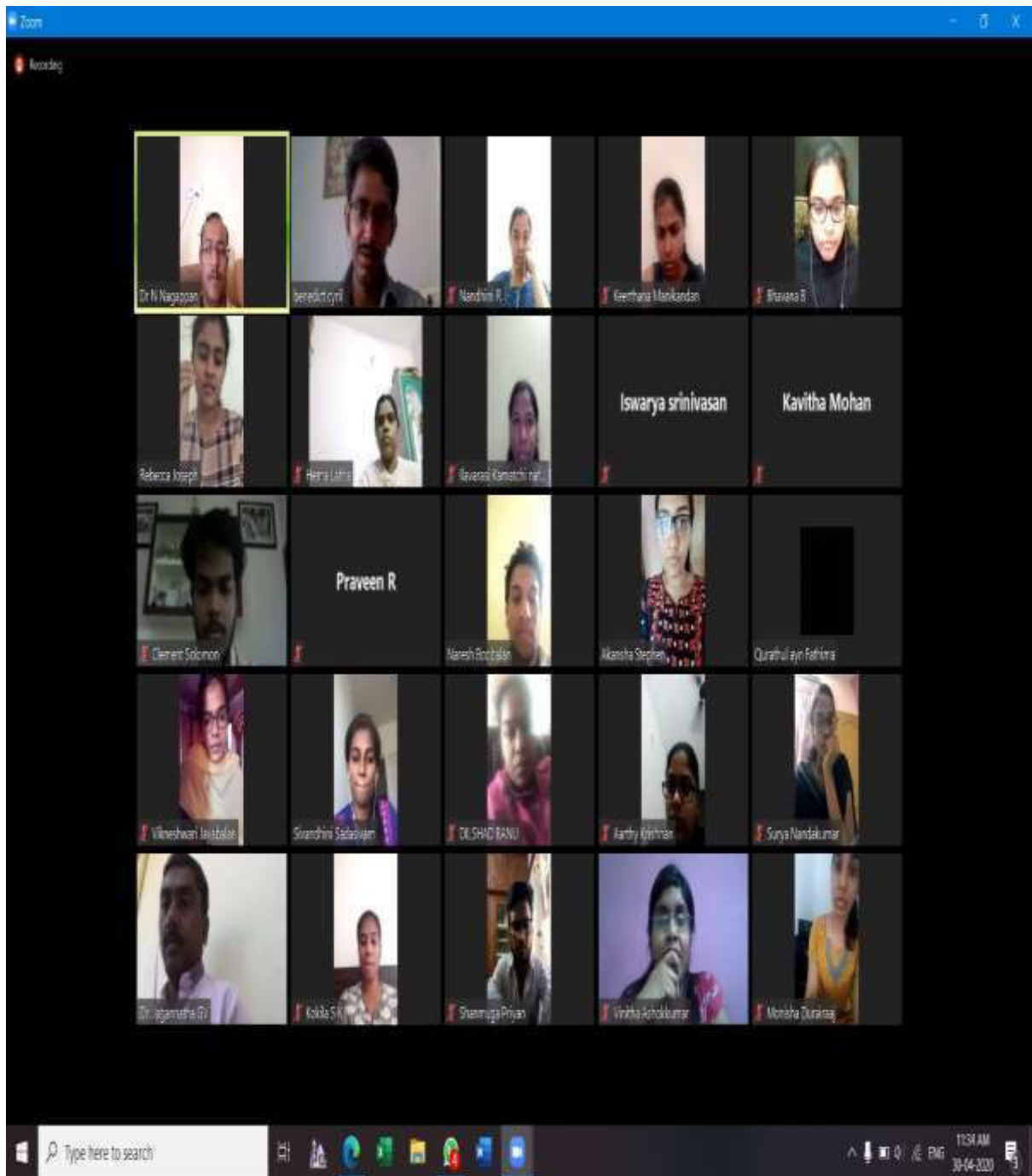
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- Sivandhini Sadasivam (me)
- Ilavarasi Kamatchi na... (Host)
- Naresh Boobalan
- Qurathul ayn Fathima
- Vi.Mukilan
- Vikraman J
- Aarthy Krishnan
- Akansha Stephen
- benedict cyril

Invite

- Sowmya Natarajan
- Steffy Selastin
- Subashini Natarajan
- Sureka Varatharaj
- Surya Nandakumar
- Tamil Selvan M D
- Vikneshwari Jayabalan
- Vinitha Ashokkumar
- Vishalini Mohan
- Yuvarani Muthu Kumar

Invite



DEPARTMENT OF PUBLIC HEALTH DENTISTRY

NATIONAL ORAL HYGIENE DAY 2020