



Proceedings World Environment Day

June 05, 2020



Image adapted from <https://www.un.org/day>

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Preface



Dr Rakesh Kumar
Director
CSIR-NEERI

Greeting to environmental fraternity on World Environment Day 2020

This day is the best occasion to revisit our glories and past learnings, use them as a baseline to achieve higher environmental targets. Being one of the leading national laboratory dedicated to the environment in India, CSIR-NEERI have been looked by everyone to play a principal role in achieving Sustainable Development Goals and to bring end-to-end techno-economic solutions for present as well as future situations, meeting overarching goal of environmental protection.

This year with the WED theme on Biodiversity, the concern is very existential. Recent situations like bushfires in Brazil, Australia, and US have proved its severity and locust infestation has added on to negligence of humans towards the environment. Novel coronavirus is another such example, which is affecting every living species on earth. I have always believed that millennium biodiversity is the topic, which should be brought to limelight, which is not limited to saving a species or planting number of trees. If we look at economics related to losses occurred due to failures of some biodiversity, it would be more than the GDP of many countries. These losses are absolute losses which are not discussed.

CSIR-NEERI has been a front runner in providing nature inspired solutions, wherein the wastelands around government offices were turned to blissful natural lands and abandoned mining areas to the beautiful forests. World Environment Day serves as a platform where we all, the best brains come together to celebrate and use this opportunity to combine our precious knowledge and move forward to derive a solution.

CSIR-NEERI is motivated for repositioning biodiversity aspects, as institute's key R&D theme areas of the future. CSIR-NEERI would continue to advance innovations in ecological science and engineering to help the nation's environmental commitments with inclusive development of the disadvantaged sections of the society, at large.

“On World Environment Day, we reiterate our pledge to preserve our planet’s rich biodiversity. Let us collectively do whatever possible to ensure the flora and fauna with whom we share the Earth thrive. May we leave an even better planet for the coming generations.”

**- Shri Narendra Modi
Hon’ble Prime Minister of India**

(Adapted from <https://twitter.com/narendramodi>)

Message from DG, CSIR



डॉ. शेखर चिं. मांडे

एफएनए, एफएससी, एफएनएससी

सचिव

वैज्ञानिक और औद्योगिक अनुसंधान विभाग तथा

महानिदेशक

Dr. Shekhar C. Mande

FNA, FASc, FNASc

Secretary

Department of Scientific & Industrial Research and
Director General



भारत सरकार

विज्ञान और प्रौद्योगिकी मंत्रालय

वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद

वैज्ञानिक और औद्योगिक अनुसंधान विभाग

Government of India

Ministry of Science and Technology

Council of Scientific & Industrial Research

Department of Scientific & Industrial Research



Message

My greetings to NEERI on the World Environment Day. NEERI has made CSIR proud by offering environmental solutions tuned to the country's needs. Being the only National Laboratory dedicated to the environment, we look up to the organization to play an important role in providing means to achieve sustainable development goals. The World Environment Day is an excellent occasion to revisit your laurels and use them as a base to go higher in contributing to the goals of our country.

This year's theme is "Celebrating Biodiversity". Nothing can be more apt in the prevalent conditions. The pandemic affecting the globe has forced anthropogenic activity to a bare minimum. Overlooking over all the hardships this has caused us, the country saw the emergence of one positive: the environment perspective. India can see cleaner water in the rivers and clearer skies. This should be a wake-up call to all, since it actually underlines the ill-effect of anthropogenic activities on our ecosystem. NEERI will now have an additional role to play in taking this message to the masses and policy makers alike. You and your team have done excellent work; NEERI is considered a jewel in the crown of CSIR, and on this fitting occasion, I congratulate all of you and hope you will continue to take science to the society.

I am really pleased to learn that you are celebrating the World Environment Day with VIBHA. A more perfect symbiosis is difficult to find. While you develop solutions, VIBHA has always worked for the society at ground level. I am sorry to be missing the panel discussion, which I am sure will be very interesting, but my best wishes to the success of your program.


(Shekhar C Mande)

New Delhi
04th June, 2020

Anusandhan Bhawan, 2, Rafi Marg, New Delhi-110001

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Message from National Organising Secretary, VIBHA



Shri Jayant Shrikant Sahasrabuddhe
National Organising Secretary, Vijnana Bharati

We observed World Environment Day (WED) recently on June 05, 2020. Aim of WED is to create awareness about the environment and encourage action to protect it. The United Nations decides the central theme for each environment day to highlight the importance of one of the multiple aspects of the environment. This year focus is on 'Biodiversity,' as several studies have shown that about one million species, out of an estimated 8.7 million species, are on the verge of extinction in the near future. This is an alarming call because nature is in trouble because of the loss of biodiversity, and troubled nature is jeopardising life. WED provides us with an opportunity to awaken people to this life-threatening crisis. It was indeed an immense pleasure for Vijnana Bharati to join hands with CSIR-NEERI, an esteemed institute of our country, to observe WED2020. Because of this collaboration, together, we could reach out to society in an effective way. Both the programmes, panel discussion and competition, evoked good response and message of WED was taken to people in a successful manner. I am sure our collaboration will continue in future to serve the country by creating scientific awareness about the environment that will lead to sustainable development.

- Jayant S. Sahasrabuddhe



About WED

The foods we eat, the air we breathe, the water we drink and the climate that makes our planet habitable all come from nature. For instance, each year, marine plants produce more than a half of our atmosphere's oxygen, and a mature tree cleans our air, absorbing 22 kilos of carbon dioxide, releasing oxygen in exchange. Despite all the benefits that our nature give us, we still mistreat it. That is why we need to work on that. That is why we need this Observance.

World Environment Day (WED) is the most renowned day for environmental action. Since 1974, it has been celebrated every year on 5 June; engaging governments, businesses, celebrities and citizens to focus their efforts on a pressing environmental issue.

Adapted from <https://www.un.org/en/observances/environment-day>

WED 2020 Theme and Importance

THE THEME

In 2020, the theme is biodiversity—a concern that is both urgent and existential. Recent events, from bushfires in Brazil, the United States and Australia to locust infestations across East Africa—and now, a global disease pandemic—demonstrate the interdependence of humans and the webs of life in which they exist. Nature is sending us a message.

THE IMPORTANCE

Biodiversity and its connection to humans

Biodiversity is the foundation that supports all life on land and below water. It affects every aspect of human health, providing clean air and water, nutritious foods, scientific understanding and medicine sources, natural disease resistance, and climate change mitigation. Changing, or removing one element of this web affects the entire life system and can produce negative consequences.

Human actions, including deforestation, encroachment on wildlife habitats, intensified agriculture, and acceleration of climate change, have pushed nature beyond its limit. It would take 1.6 Earths to meet the demands that humans make of nature each year. If we continue on this path, biodiversity loss will have severe implications for humanity, including the collapse of food and health systems.

The emergence of COVID-19 has underscored the fact that, when we destroy biodiversity, we destroy the system that supports human life. Today, it is estimated that, globally, about one billion cases of illness and millions of deaths occur every year from diseases caused by coronaviruses; and about 75 per cent of all emerging infectious diseases in humans are zoonotic, meaning that they are transmitted to people by animals.

Nature is sending us a message.



THE COMMUNITY

Above all, World Environment Day offers a global platform for inspiring positive change. It recognises that global change requires a global community. It pushes for individuals to think about the way they consume; for businesses to develop greener models; for farmers and manufacturers to produce more sustainably; for governments to safeguard wild spaces; for educators to inspire students to live in harmony with the Earth, and for youth to become fierce gatekeepers of a green future. It requires all of us.

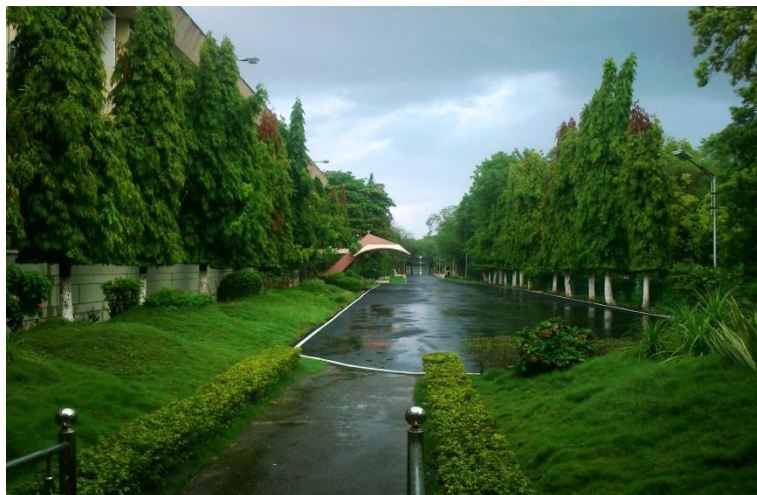
THE HOST

Every World Environment Day is hosted by a different country, in which official celebrations take place. This year's host is Colombia in partnership with Germany.

Adopted from:

<https://www.worldenvironmentday.global/about-world-environment-day>

<https://www.un.org/en/observances/environment-day>



ABOUT NEERI

The CSIR-National Environmental Engineering Research Institute (CSIR-NEERI), is a constituent laboratory of Council of Scientific and Industrial Research (CSIR), created and funded by Government of India.

The CSIR-NEERI, Nagpur was established in 1958 as Central Public Health Engineering Research Institute (CPHERI), when environmental concerns were limited to human health with a focus on water supply/sewage disposal/communicable diseases and to some extent on industrial pollution and occupational diseases. The chemical and biological solutions to address these problems were simple, though challenging. However, slowly worldwide public awareness on the contamination of the environment on regional to global scale started getting attention in 1970's. Shrimati Indira Gandhi, the then Prime Minister of India, rechristened the Institute as National Environmental Engineering Research Institute (NEERI) in the year 1974. NEERI, Nagpur is devoted to research and innovations in environmental science and engineering besides solving a range of problems posed by industry, government and public.

NEERI is a pioneer laboratory in the field of environmental science and engineering. NEERI has five zonal laboratories at Chennai, Delhi, Hyderabad, Kolkata and Mumbai. NEERI comes under the Ministry of Science and Technology (India) of the central government.



About VIBHA

India faces critical challenges as a nation in its march towards a welfare state. Considering the nature of the challenges which are so unique, only rapid strides in the sector of science and technology, in resonance with India's heritage can meet those challenges. In this context Vijnana Bharati, a science movement with swadeshi spirit has a greater role to play. Swadeshi Science Movement was started in Indian Institute of Science- (Bengaluru) by a few eminent scientists under the guidance of Prof. K I Vasu. This movement gradually gained momentum and emerged as an organization with national presence. In 1991(Oct 20-21) at the Nagpur meet, it was decided, to launch the Swadeshi Science Movement at all India Level and named it as Vijnana Bharati. The foundation principle of VIBHA is made

- As a vibrant movement for the development of Swadeshi Sciences
- As a dynamic Science Movement with a Swadeshi Spirit, interlinking traditional and modern sciences on the one hand, and natural and spiritual sciences on the other hand
- As a Swadeshi Movement with modern sciences adapted to national needs.

Vijnana Bharati has units in 22 states across the country and contacts in 4 states. It is working in 11 different areas through autonomous institutions, independent organizations & also as project entities.

WED 2020 Event Details

WED Celebration was conducted in two folds:

A. Competition on “Me and My Environment: Lockdown experience.”

Vijnana Bharati (VIBHA) and CSIR - National Environmental Engineering Research Institute (NEERI) jointly organised a special online competitions for school and college students, teachers and general public to mark the World Environment Day for encouraging creativity, awareness, logic, rationality and scientific acumen.

Online Competitions
Me and My Environment: A Lockdown Experience
 on the auspicious occasion of
World Environment Day
 time for nature
 on 5th June 2020

Events

- Write up/Story/Poem
- Photography
- Short video
- Poster/Drawing/Sketching

Who Can Participate

- A - Students (Junior) – 5th to 8th standard
- B - Students (Seniors) – 9th to 12th standard
- C - Students – Undergraduate and Postgraduate
- D - Teachers – Any teaching staff
- E - General – Public Any other person who can not be part of above-mentioned categories

Awards

- 1st Prize Rs. 3,000/-
- 2nd Prize Rs. 2,000/-
- 3rd Prize Rs. 1,000/-
- Consolation Prize Rs. 500/- (5 selected participants)

E- Certificate will be issued to the winners

Each category has Prize which will be transferred in the bank account only

Timeline:

- 01 June: Registration & Uploading Link open
- 05 June: Last date for submission
- 18 June: Announcement of results

For more information:
www.neeri.res.in

Coordinator:
 Dr. Atiya Kapley
 CSIR-National Environmental Engineering Research Institute (NEERI)
 Email-Id: drc.neeri@gmail.com

QR Code:
 Detailed Brochure

This year's 'World Environmental Day' would be way different for each of us. The whole world is going through COVID-19 pandemic, and each one of us have our own views, observations and interpretations on the effect of this lockdown on our lives as well as on the environment. Most of us are now aware of many environmental concerns, and each one of us is equally responsible for our environment to make it better.

It is said that creativity is intelligence, having fun, and it is the way to share one's soul with the world. With this competition, we provided a platform to express and share experience and learnings on the effect of lockdown on the environment through 'Write up / Story / Poem / Photograph / Video / Poster / Drawing / Sketching' on the topic "Me and My Environment: Lockdown experience".

Jointly Organising
online competitions

**Me and My Environment:
A lockdown Experience**
on the auspicious occasion of
**World
Environment Day**
time for nature
5th June 2020

#WED2020 #NeeriForNature #SaveNature



ABOUT THE COMPETITION

Vijnana Bharati and CSIR - National Environmental Engineering Research Institute (NEERI) are announcing special online competitions for school and college students, teachers and general public to mark the World Environment Day for encouraging creativity, awareness, logic, rationality and scientific acumen. The United Nations General Assembly decided in 1972 to observe 5th June of every year as World Environment Day to increase awareness about the current environmental issues. Since then, every year, more than 100 nations celebrate this occasion by organizing awareness campaigns and activities to make our environment better.

We are sure that this year's 'Environmental day' would be way different for each of us. The whole world is going through COVID-19 pandemic and each one of us have our own views, observations and interpretations on the effect of this lockdown on our lives as well as on the environment. Most of us are now aware of many environmental concerns and each one of us is equally responsible for our environment to make it better.

It is said that creativity is intelligence, having fun and it is the way to share one's soul with the world. With this competition we are providing a platform to express yourself and share your own experience and learnings on the effect of lockdown on the environment through 'Write up / Story / Poem / Photograph / Video / Poster / Drawing / Sketching'.



WHO CAN PARTICIPATE

Category	Details
A - Students (Junior)	— 5 th to 8 th standard
B - Students (Senior)	— 9 th to 12 th standard
C - Students	— Undergraduate and Postgraduate
D - Teachers	— Any teaching staff
E - General Public	— Any other person who can not be part of above mentioned categories



DETAILS OF COMPETITIONS:

Write up / Story / Poem (Hindi/English):

- Maximum word limit is 250 words
- Font - Times New Roman, Font size - 12
- Name of participant should be mentioned at the bottom of the write up
- Only 'pdf' format will be accepted for the evaluation.
- Should be either in Hindi or English
- Any neat, clean and readable handwritten but scanned/photo uploaded in pdf is acceptable.

Photography:

- Maximum size - 5MB
- Format- JPEG / PNG

Short video:

- Any theme based video can be recorded on mobile or any other device.
- Video should be either in Hindi or English language.
- Duration - 3 to 5 mins
- Format - MP4

Poster / Drawing / Sketching:

- Paint / draw or sketch and click the photo of it. Submit the photo / scanned copy in JPEG / PNG format with maximum size of 5 MB



TERMS AND CONDITIONS:

- By entering this competition, an entrant is indicating his/her agreement to be bound by these terms and conditions.
- Plagiarised submission will not be considered for the competition and will be rejected if found copied from any published source.
- The prize is as stated and no cash or other alternatives will be offered. The prizes are not transferable.
- The winning art forms will be published on the website and Social Media. Organiser's decision will be final and binding. Evaluation done by judges will be final. Any discussion, argument and controversy is not allowed.



HOW TO PARTICIPATE

Participants will have to register online through www.vibhaindia.org or www.neeri.res.in. Please upload your 'Write up / Story / Poem / Photograph / Video / Poster / Drawing / Sketching' on the above mentioned website. Whoever wanted to participate and submit the work in more than one form is acceptable. Please mention the same during registration. In case of any problem/issue w.r.t. submission of your entry, RSVP at drc.neeri@gmail.com.

Submission will open on 1st June 2020

Last date of Submission: 5th June 2020

Announcement of the results: 18th June 2020



PRIZE DETAILS:

Each category has Prize which will be transferred in the bank account only

1st Prize Rs. 3,000/-

2nd Prize Rs. 2,000/-

3rd Prize Rs. 1,000/-

Consolation Prize Rs. 500/- (5 selected participants)

E- Certificate will also be issued to the winners



ENTRIES WILL BE JUDGED ON:

- Originality and Relevance of the submitted write up / photograph / video / poster etc with the theme.
- Quality, Creativity, Uniqueness, Clarity and simplicity in the explanation
- Editing is allowed only to enhance the original photo or video.
- No image manipulation is allowed. (e.g. Merging photos, overlays)
- Only one entry is allowed in each category.



Convenors

Dr Atya Kapley

Shri. Naresh Chafekar

CSIR-NEERI, Nagpur

Vijnana Bharati, New Delhi

RSVP: drc.neeri@gmail.com

On-Air programme on the occasion of “World Environment Day - 2020.”

Live Telecast on CSIR-NEERI and Vijnanabharati official Facebook and YouTube account





Jointly Celebrating

World Environment Day

time for nature

5th June 2020

Programmes

A. Online competitions on “Me and My Environment: Lockdown Experience”

B. On-Air programme on occasion of “World Environment Day - 2020”

LIVE Telecast on CSIR-NEERI and Vijnana Bharati official Facebook and YouTube account

 <https://youtube.com/c/VijnanaBharatiOfficial>
 <https://www.facebook.com/dir.neeri>
 <https://www.facebook.com/VIBHAIndia.org>

1600 - 1605	Welcome Address	Dr Rakesh Kumar , Director, CSIR-NEERI
1605 - 1620	Keynote Lecture	Prof. Anindya Sinha , NIAS Bengaluru
1620 - 1645	Panel Discussion on “Urban biodiversity and biodiversity preservation for integrating society”	<ul style="list-style-type: none"> • <u>Expert Panellist (5 min. each)</u> 1) Dr Deepak Apte, Director, BHNS 2) Prof P P Bakre, Former Prof Rajasthan University 3) Shri Jayant Sahasrabudhe, National Organising Secretary, Vijnana Bharati 4) Dr R. D. Jakati, IFS, Former Director of the Indira Gandhi National Forest Academy • <u>Moderator</u> Dr Atya Kapley, Sr. Pri. Scientist, CSIR-NEER
1645 - 1655	Q&A	External Expert and Panellists
1655 - 1700	Words of Thank	Shri Naresh Chafekar, VIBHA

 **Convenors**

Dr Atya Kapley
 CSIR-NEERI, Nagpur
 RSVP: drc.neeri@gmail.com

Shri Naresh Chafekar
 Vijnana Bharati, New Delhi

 www.neeri.res.in
 @Csir Neeri
  @CSIR_NEERI
  @csirneeri

#WED2020 #NeeriForNature #SaveNature

Speaker's Profile



Prof. Anindya Sinha
National Institute
of Advanced
Studies (NIAS)
Bengaluru

Anindya Sinha is an Indian primatologist. He is a professor at the National Institute of Advanced Studies (NIAS), India. After obtaining an undergraduate degree in botany from the University of Calcutta in 1983, he went on to earn a postgraduate degree in the same university in 1985, specializing in cytogenetics. He is on the executive board of Nature Conservation Foundation, India. His research is mostly centered on the field of cognition and consciousness of bonnet macaque (*Macaca radiata*) but he also has been involved in many genetics projects on Indian primates. He is also involved with Biology Olympiad as the leader of the Indian team. He is the son of the Indian director and film-maker, Tapan Sinha. and actress / singer Arundhati Devi. In 2009, he was chosen as a TED Fellow.



**Shri Jayant
Sahasrabuddhe**
National Organising
Secretary,
Vijnana Bharati

Shri Jayant Shrikant Sahasrabudhe completed his graduation in Electronics Engineer. Since, then, he has been serving Vijnana Bharti (VIBHA) in different positions and is presently the National Organizing Secretary at VIBHA. He has worked extensively on the social welfare of the society. He has been an active member of many national think-tanks.



Dr Deepak Apte
Director
Bombay Natural
History Society
(BNHS), Mumbai

Dr. Deepak Apte (Director, BNHS) has been working with BNHS since 1993. He did M.Sc. in Zoology and Ph.D. in Marine Ecology from University of Mumbai. Prior to becoming the Director, he was the Chief Operating Officer and has previously worked as a Principal Scientist. Dr Apte is active researcher in various programmes related to conservation action and advocacy. He established a full-fledged Marine Conservation Programme in BNHS, apart from various conservation initiatives in terrestrial habitats across India. Dr. Apte will now be responsible for managing the overall working of BNHS, including its future course of action, based on the in-house Strategic Initiatives. He aims to strengthen and expand the research and conservation action of BNHS by inviting efforts from scientists, conservationists and young researchers.



Prof P P Bakre
Former Professor,
Rajasthan University

He is presently a Member of 'State Expert Appraisal Committee (SEAC-III), Maharashtra'. After obtaining his bachelor degree in Biological Science from Shivaji Science College, Nagpur, he was Prof. and Head, Zoology Department and Director Indira Gandhi Centre for Env. Rajasthan University. After his 36 years' experience in teaching, he was Dean Faculty of Science at Jaipur University. In the same period, he served as Chairman for 'State Environmental Impact Assessment Authority, Rajasthan'.



Dr R D Jakati
IFS, Former Director,
Indira Gandhi National
Forest Academy

Dr. R. D. Jakati, IFS, has over 37 years of professional experience in the field of forest and wildlife management. He superannuated as the Director of Indira Gandhi National Forest Academy, Dehradun in February 2012. He was Chief Wildlife Warden, Haryana State for over nine years. He established the Vulture Conservation Centre at Pinjore and was conferred Honorary Conservation Fellowship by the Zoological Society, London. He has also worked as the Director General, Forest Survey of India. His professional expertise includes wildlife management, participatory governance, resource assessment and capacity building.

Summary of Keynote Talk

Topic: Challenges in Biodiversity Conservation in North-Eastern India

Speaker: Prof. Anindya Sinha, NIAS, Bengaluru

Dr Sinha started the talk by pointing out the presence of 36 biological hotspots across the world as the reservoir of flora, fauna and microorganism, which are threatened due to the advanced species-humans. Four out of thirty-six of these hotspots are in India including Indian Himalayan region, north-eastern India, Nicobar group of Islands and the Western Ghats. These hotspots are the source of fresh oxygen, herbs, spices and contribute to the wide cultural heritage of India. While briefing about his work, he highlighted the need of exploring Arunachal Pradesh for research as it has less population density and large forest covers. Discovery of rare species of monkey, Arunachal Macaque (*Macaca Munzala*) was a result of the biological expedition in the biodiversity hotspot region, new to science; still, they were reported years ago in traditional literature. The name of the monkey was given as a tribute to the local language. However, due to climate change and anthropogenic activities, the natural richness of these areas is slowly diminishing. He pointed towards an alarming situation where the rich biodiversity will disappear before its complete discovery because of human-led catastrophic activities.

While talking about the human-animal conflict, he indicated hunting and poaching remain one of the main reasons of this conflict, driving animals wild and weary. He also indicated that there are increasing situations like empty forest syndrome in which the forest dwells without animals arrows because of anthropological intervention. Also, because of linear infrastructure developments, railway lines, dams and mining activities, this conflict may arise affecting biodiversity and the poor. He also raised the concern of the recent death of a pregnant elephant in Kolkata which got National outrage. Clearing the air, he elaborated the death as non-purposeful, stuffing the crackers inside the fruits is an age-old technique used by the tribal communities since decades to dislocate animals like tigers from the field. In this case, accidentally, the elephant became the victim. Dr Sinha also spoke about the fragmentation of forest and its consequences on animal life and habitat losses. He also spoke about primate community present in 45 fragments of Upper Brahmaputra Valley in which he found loss of one species in the last 30 years, on an average and seven fragments have been cleaned for infrastructure development.

For conclusion, he had given the example of successful protection of rhinoceros in the Kaziranga Park quoting it as a success story proving protection does work along with the pygmy hog reintroduction programme. He emphasised on (i) using traditional knowledge/practices for biodiversity conservation (ii) possibility to report endangered species by good quality photographs without their sacrifice (iii) alternate employment of people from who are poachers for their welfare. (iv) the potential of the discovery of birds, and tropical amphibian in the north-eastern region. He stressed for local community participation in biodiversity conservation by training, awareness making them from hunters/poachers to conservationists. He finished his discussions by acknowledging the fact that the biodiversity is vast and very little is known though we have been a part of it since centuries, yet we are doing little to try and conserve it. We have to think more deeply of our impact on ecology and attempt to reduce as much as we can.

Summary of Panel Discussion

Topic: Urban biodiversity and biodiversity preservation for integrating society

Panelist 1: Dr Deepak Apte

Dr Apte started his talk by delineating the fact that bulk of conservation activities are directed toward tigers and rhinoceros. He also told about significant habitat and area involved in the conservation helping other species to thrive. Focus on other conservation like marine life is also required. He enlightened about climate change as it is becoming serious day by day. To cope with it, we have to reduce our attention from insidious issues and start focusing on key and relevant subjects. He concluded by expressing the need to save the left pockets of biodiversity with extreme care and by collective wisdom by the activist in the community.

Panelist 2: Prof PP Bhakre

Prof Bhakre commenced the session by citing the point about the presence of wildlife species in urban areas. Their presence sometimes never felt as some of them are not visible; some are nocturnal. The reason wildlife animals move in cities is because of the fulfilment of food, water, shelter and space requirement for themselves and their young ones. The services of these animals can't be substituted in particular to bird-eating insects keep the city clean by eating the insects and moths. He detailed the massive killing of birds, animals because of artificial lighting as it disturbs their regular rhythm of day and night. They experience a 24 hour day leading to slower physical activities. He strengthened the phenomenon by example like the movement of turtle hatchlings towards artificial lights rather than sea, responsible death. Migratory birds when fly over a city at night, the artificial lighting short circuit their steering power. He said about their research on the effect of air pollution by analysis the fecal drops of birds for understanding the extent of air pollution exposure found a much higher concentration of pollutant accountable for massive mortality.

Shri Jayant stated that the reduced pace of citizen's share on conservation activities is a result of lack of awareness about the biodiversity. He insisted on imparting knowledge and awareness about the consequences of human development on biodiversity. The awareness can be communicated to the masses by increasing the outreach.

Panelist 4: Dr R D Jakati

Dr Jakati opened the talk by replying to the question based on biodiversity conservation policy. According to him, the forest management in India is not sustainable, in the true sense because it only deals with the forest cover, not on the condition of forest, soil and biodiversity. To make the biodiversity centric policy, we have to put biodiversity in the front row together with health, food and education, he elaborated. He supplemented his answer by quoting about conservation strategies demanding public will. Active participation of citizens will surely recognise the importance of nature and the opening of conservation centres like parks, medicinal garden is possible by the government. Losing contact with nature is responsible for nature deficit disorder that will give birth to stress and human behavioural shift. He finished with stressing on daily/ weekly/ monthly visits to conservation centres for a stress-free and healthy life.

Recommendations and way forward

1. Need to preserve and tap our traditional knowledge to conserve the biodiversity.
2. Developmental activities to be linked to the welfare of local people, as human welfare is closely connected with the preservation of biodiversity.
3. Welfare and empowerment activities of tribal communities should be planned with a key objective of evolving them from hunters/poachers to biodiversity conservationists.
4. The participation of the local community and reintroduction of critically endangered species may be more helpful in biodiversity conservation.
5. Time to move from species-specific conservation projects to landscape conservation to sustain all species.
6. Artificial lighting is threatening the urban biodiversity and needs to scientifically select suitable species for plantation drive in order to conserve urban biodiversity.
7. Need to elicit the interest and motivation among the people, especially children, to act to conserve biodiversity conservation. Young generation should be sensitised about nature and biodiversity, to help them understand and perceive the human-biodiversity interactions
8. The forest cover data as it does not a direct indicator of the biodiversity of the region and thus doesn't satisfies sustainability in a true sense, unless the health of the forest covers is scientifically assessed. Need to develop mechanism and action plans for periodic biodiversity surveys in various ecosystems.
9. Citizens' orientation (both from rural and urban) and vigilance towards environment protection can significantly impact key decisions.

Social Media Report

Date: 05th June 2020

Duration: 4 pm - 5 pm

Theme: Biodiversity

Topic: Challenges in Biodiversity Conservation in North-Eastern India and Urban biodiversity and biodiversity preservation for integrating society

Hashtag: #WED2020 #NeeriForNature #SaveNature



Participants



100

Comments



667

Views



1719

CSIR-NEERI is with Vijaya Upadhyay and 12 others.
June 3 at 9:30 AM · 🌐

Register and participate in a National Level online competition for Students, Teachers and Public on the topic: Me and My Environment : A lockdown Experience' through Write up / Story / Poem/ Photograph / Video/ Poster / Drawing / Sketching, as CSIR-NEERI and VIBHA jointly celebrate #WorldEnvironmentDay2020 on June 5, 2020

Register and submit your entries at:
<http://msmt.vvm.org.in/Vibha-world-environment-day-2020/> CSIR, India

5th JUNE 2020

National Level Online Competitions

WORLD ENVIRONMENT DAY

Me and My Environment: A Lockdown Experience on

PHOTOGRAPHY | POSTER/DRAWING/SKETCHING | SHORT VIDEO | WRITE UP/STORY/POEM |



Students (5th to Postgraduate)
Teachers and General public

Cash Prizes and E Certificates for Winners and Participants

LAST DATE FOR SUBMISSION 5th JUNE 2020
ANNOUNCEMENT OF THE RESULTS 18th JUNE 2020

REGISTRATION AND UPLOADING LINK WILL OPEN ON 1ST JUNE 2020

For more details <https://vibhaindia.org> or <https://www.neeri.res.in/>

67 19 Shares

Payal Mane · 28:33
Save environment
Like · Reply · 4d

Ritesh Vijay · 4:37
Happy World Environment Day
Like · Reply · 4d

Rajesh Biniwale · 1:29:43
very interesting and useful discussions, thanks to all panelists for great inputs
Like · Reply · 4d

Rajesh Biniwale · 53:13
@prof bakre, what other effects urbanisation have on wild life. I remember you spoke of effect of light in night activity
Like · Reply · 4d

Debashree Khan · 1:08:29
Wonderful lecture by Jakati sir
Like · Reply · 4d

Atya Kapley · 15:43
Welcome Sonawane Sir. Glad to have you join
Like · Reply · 4d

Ankit Gupta · 33:48
Mesmerizing Keynote Address..Thank you Dr Sinha for your enlightening talk.
Like · Reply · 4d

Satinder Kaur · 34:41
Great presentation by Sinha sir
Like · Reply · 4d · Edited

Hemant Bherwani · 14:17
Very relevant panelists for "Time for Nature"
Like · Reply · 4d

Sunila Ingle Sahasrabudhe · 14:18
Wonderful program. Great learning experience
Like · Reply · 4d

Santhosh · 28:02
Very much glad to attend this event
Like · Reply · 4d

Ankush Kularkar · 27:21
Happy Environment Day to all
Like · Reply · 4d

Smita Kekatpure · 15:00
Good initiative.
Like · Reply · 4d

CSIR-NEERI
@CSIR_NEERI

CSIR-NEERI and @Vibha_india jointly celebrate #WorldEnvironmentDay2020 on June 5, 2020. The programme shall be hosted online on Facebook as per the attached schedule. @CSIR_IND @UNEP @UNEP_AsiaPac @shekhar_mande @kumarneeri @DrKapley #NeeriforNature #timefornature #WED2020



Jointly Celebrating

World Environment Day

Time for nature

5th June 2020

Programmes

A. Online competitions on "Me and My Environment: Lockdown Experience"

B. On-Air programme on occasion of "World Environment Day - 2020"

LIVE Telecast on CSIR-NEERI and Vibha Bharati official Facebook and YouTube account

<https://www.facebook.com/ds.azari> <https://www.facebook.com/VIBHABharati>

1600 - 1605	Welcome Address	Dr Rakesh Kumar, Director, CSIR-NEERI
1605 - 1620	Keynote Lecture	Prof. Anindya Sinha, NIAS Bengaluru
1620 - 1645	Panel Discussion on "Urban biodiversity and biodiversity preservation for integrating society"	<ul style="list-style-type: none"> Expert Panelist (5 min. each) 1) Dr Deepak Apte, Director, BHNS 2) Prof P P Bakre, Former Prof Rajasthan University 3) Shri Jayant Sahasrabudhe, National Organising Secretary, Vibha Bharati 4) Dr R. D. Jakati, IFS, Former Director of the Indira Gandhi National Forest Academy
1645 - 1655	Q&A	Dr Atya Kapley, Sr. Pst. Scientist, CSIR-NEERI External Expert and Panelists
1655 - 1700	Words of Thank	Shri Nareesh Chafekar, VIBHA

Co-Moderators

Dr Atya Kapley CSIR-NEERI, Nagpur
RUPP, dr.azari@gmail.com

Shri Nareesh Chafekar Vibha Bharati, New Delhi

www.neeri.res.in @CSIR_NEERI @VibhaBharati #WED2020 #NeeriforNature #SaveNature

5:30 PM · Jun 1, 2020 · Twitter for Android

19 Retweets · 36 Likes

Vijnana Bharati
June 5 at 10:46 AM · 🌐

Join Vijnana Bharati and CSIR-National Environmental Engineering Research Institute, Nagpur in celebrating #WorldEnvironmentDay Today - 5 June 2020 at 4:00 pm

Keynote by "Prof Anindya Sinha", NIAS Bengaluru

Panel Discussion on "Urban Biodiversity and biodiversity preservation for Integrating society" ... See More



Welcome Address	1600 - 1605	Dr. Rakesh Kumar, Director, CSIR-NEERI
Keynote Lecture	1605 - 1620	Prof. Anindya Sinha, NIAS Bengaluru
Panel Discussion on	1620 - 1645	• Expert Panelist (5 Minute, Each)
		1) Dr. Deepak Apte, Director, BHNS
		2) Prof. P. P. Bakre, Former Prof. Rajasthan University
		3) Shri. Jayant Sahasrabudhe, National Organising Secretary, Vijnana Bharati
		4) Dr. R. D. Jakati, IFS, Former Director, Indira Gandhi National Forest Academy
		• Moderator
		Dr. Atya Kapley, Sr. Pri. Scientist, CSIR-NEERI, External Expert and Panelists
Question & Answer	1645 - 1655	Shri. Naresh Chafekar, VIBHA
Word of Thanks	1655 - 1700	

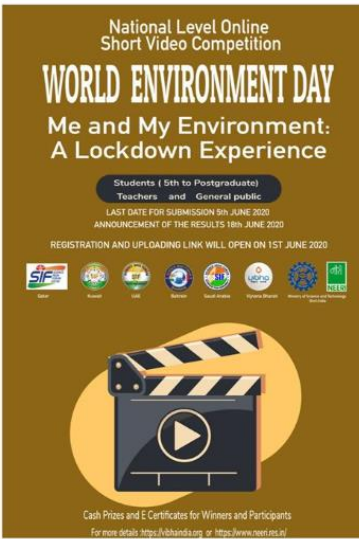
67 8 Shares

Vijnana Bharati
June 5 at 10:42 AM · 🌐

Follow your passion of shooting and creating videos

Share your shot videos on 'Me and My Environment : A lockdown Experience' and take part in online competition organized by CSIR-National Environmental Engineering Research Institute, Nagpur and Vijnana Bharati on the occasion of #WorldEnvironmentDay

Duration of videos - 3-5 mins... See More



18 4 Shares

Vijnana Bharati is with Abga Raveendranadha Babu and 10 others.
June 3 at 10:49 PM · 🌐

We are glad to inform you that #ScienceIndiaForum of #Qatar, #SaudiArabia, #Kuwait, Science India Forum - UAE, and Science India Forum Bahrain have joined hands with Vijnana Bharati & CSIR-National Environmental Engineering Research Institute, Nagpur in Celebrating #WorldEnvironmentDay2020

Express yourself and showcase your talent now on this international platform... See More



71 23 Shares



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CSIR-NEERI and @Vibha_india jointly celebrate #WorldEnvironmentDay2020 on June 5, 2020. The programme shall be hosted online on Facebook as per the attached schedule. @CSIR_IND @UNEP @UNEP_AsiaPac @shekhar_mande @kumarneeri @DrKapley #NeerforNature #timefornature #WED2020



19 Retweets 36 Likes

Vijnana Bharati
@Vibha_india

@Vibha_india wishes you all environment friendly and healthy life on the occasion of #WorldEnvironmentDay

Its a #TimeForNature

Let's focus on conserving #biodiversity for the betterment of #MotherEarth and Life on the Earth



10:24 AM · Jun 5, 2020 · Twitter Web App

5 Retweets 12 Likes



Views



1024

World Environment Day

220 views • Streamed live on Jun 5, 2020

Director CSIR-NEERI
539 subscribers

June 5, 2020

SUBSCRIBE

World Environment Day 2020 Program By Vijnana Bharati And CSIR - NEERI

804 views • Streamed live on Jun 5, 2020

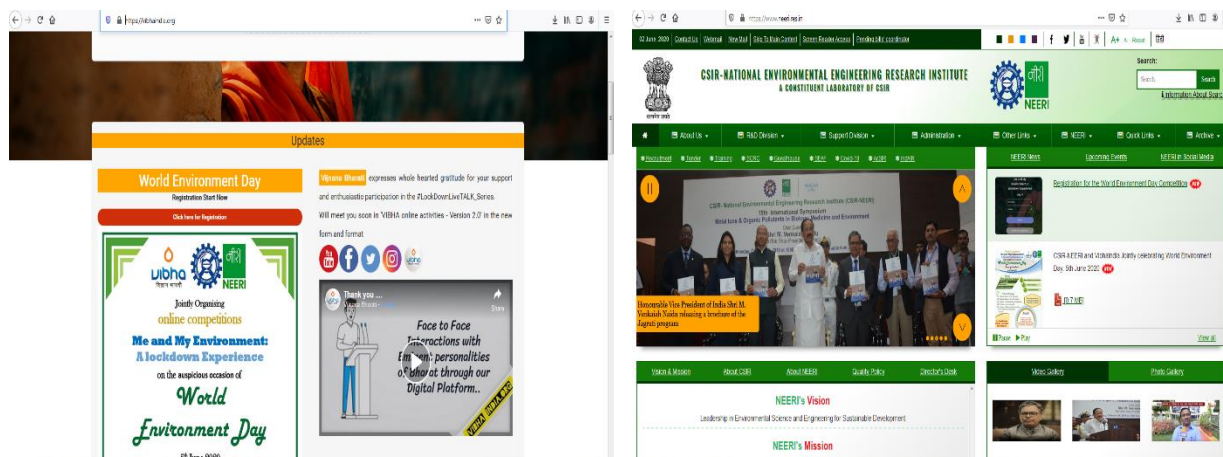
Vijnana Bharati
9.49K subscribers

SUBSCRIBE

National Level Online Competitions

Participant's Registration and Uploading Process

Step 1: Visit the website <https://vibhaindia.org/> or <https://www.neeri.res.in>



Step 2: Click on the tab “click here for Registration” you will be directed to registration page.

Step 3: Fill all the details create password and click send OTP, you will receive an OTP on your email id which is provided by you.

Step 4: Log in with your username and password, after login you will get following screen.

Step 5: Choose your Category and click on click here to submit and upload your file (For Ex: Write-up/Story/Poem). Click on Browse and upload your file and then click submit Story.

Analytics on the Registration

#	Country	Registration	Submission	Story	Photography	Short-Video	Poster
1.	India	7762	6924	1774	1750	463	2937
2.	UAE	1464	1409	458	243	95	613
3.	Bahrain	54	50	15	10	4	21
4.	Qatar	1437	1326	314	306	82	624
5.	Saudi Arabia	458	455	145	89	20	201
6.	Kuwait	213	229	73	43	13	100
	Total	11395	10393	2779	2441	677	4496

Media Coverage

TheHitavada

Nagpur City Line | 2020-06-06 | Page- 7

'Tap traditional knowledge for biodiversity conservation'

■ Staff Reporter

CSIR-National Environmental Engineering Research Institute (CSIR-NEERI) and Vijnana Bharati (VIBHA) jointly organised various programmes to mark World Environment Day. It organised a panel discussion on 'Urban Biodiversity and Biodiversity Preservation for Integrating Society'.

Dr Deepak Apte, Director, Bombay Natural History Society (BNHS); Prof Anindya Sinha, National Institute of Advanced Studies (NIAS); Prof P P Bakre, former Professor, Rajasthan University; Jayant Sahastrabudhe, National Organising Secretary, Vijnana Bharati; and Dr R D Jakati, former Director, Indira Gandhi National Forest Academy, took part as expert panelists in the online panel discussion.

In his keynote address, Prof Sinha highlighted the challenges to biodiversity conservation in north-eastern India. Of 36 global biodiversity hotspots across the world, four were in India including the Indian Himalayan



The panelists in on-line panel discussion organised by NEERI and Vijnana Bharati to mark World Environment Day.

region, north-eastern India, Nicobar group of islands, and Western Ghats. Expressing concern over the Eastern Himalayas, he said that due to human interference and climate change biodiversity in Arunachal Pradesh is gradually diminishing. The state of biodiversity and its significance were comparatively poorly known to conservationists in north-eastern India due to low priority in research, inaccessibility, and remoteness.

However, one of his biological expeditions in this biodiversity

hotspot resulted in the discovery of Arunachal macaque 'Macaca munzala' in the high altitudes of western Arunachal Pradesh, a primate new to science. He said, "We need to think about welfare of local people as human welfare is linked to preservation of biodiversity in a variety of ways. We also need to preserve our traditional knowledge to conserve biodiversity of north-eastern India." He advocated participation of local community and re-introduction of critically endangered species, as was done in the case

of pigmy hog-a mammal found in the north-eastern region.

Dr Apte said that while focusing on tiger, other species were neglected. "It is time we move from species-specific conservation projects to landscape conservation to sustain all species," he said.

Prof Bhakre said that the feathers of birds might provide clues to air pollution. Artificial lighting is threatening urban biodiversity and suitable species need to be selected for plantation drive to conserve urban biodiversity, he cautioned. Sahastrabudhe emphasised upon the need to elicit interest and motivation among people, especially children, to act in favour of biodiversity conservation. Dr Jakati expressed concern over the forest cover data as it did not indicate biodiversity of the region and thus not satisfy sustainability. Biodiversity surveys need to be done periodically in various ecosystems, he added.

Dr Atya Kapley, Senior Principal Scientist & Head, DRC, CSIR-NEERI, moderated the panel discussion.

lokmat Times

4 biodiversity hotspots in India: Dr Sinha

LOKMAT NEWS NETWORK
NAGPUR, JUNE 5

CSIR-National Environmental Engineering Research Institute (CSIR-NEERI) and Vijnana Bharati (VIBHA) jointly organised panel discussion on 'Urban Biodiversity and Biodiversity Preservation for Integrating Society' to mark World Environment Day on Friday.

While delivering the keynote address Prof Anindya Sinha from National Institute of Advanced Studies (NIAS) highlighted the challenges to biodiversity conservation in north-eastern India.

He informed that there are 36 global biodiversity hotspots across the world, out of which 4 are in India including the Indian Himalayan region, north-eastern India, Nicobar group of Islands and Western Ghats. Expressing concern over the Eastern Himalayas, Prof Sinha said that Arunachal Pradesh is one among the globally important eco-regions rich in flora and



Panelists during a discussion on the topic Urban Biodiversity and Biodiversity Preservation for Integrating Society to mark World Environment Day on Friday. The discussion was organised jointly by NEERI-Vijnana Bharati.

fauna. But due to human interference and climate change, the biodiversity in the Arunachal Pradesh is gradually diminishing, he added. Director of Bombay Natural History Society (BNHS) Dr Deepak Apte said while focusing entirely on the tiger conservation, other species have been neglected.

It is time we move from species-specific conserva-

tion projects to landscape conservation to sustain all species, he opined. Former professor of Rajasthan University Prof Bakre said that the feathers of birds may provide clues to air pollution.

He cautioned that artificial lighting is threatening the urban biodiversity and people should select suitable species for plantation drive in order to conserve

urban biodiversity.

National organising secretary of Vijnana Bharati Jayant Sahastrabudhe emphasized on the need to elicit the interest and motivation among the people, especially children to act in favour of biodiversity conservation. Former director of Indira Gandhi National Forest Academy Dr R D Jakati expressed concern over the forest cover data as it does not indicate biodiversity of the region and thus not satisfy sustainability, biodiversity surveys need to be done periodically in various ecosystems, he added. The panel discussion was moderated by senior principal scientist and head DRC, CSIR-NEERI.

Dr Atya Kapley. Earlier in his welcome address, director of CSIR-NEERI Dr Rakesh Kumar, briefed about the significant contributions of the institute. He informed that the wastelands in Vidarbha have been transformed into productive lands by bamboo plantation. Naresh Chafekar of Vijnana Bharati proposed a vote of thanks.

Results of the Competitions

Poster/Drawing/Sketching

Category - A		
Prize	Name	Place
1 st Prize	Tanisha Saxena	Al Wakrah, Qatar
2 nd Prize	Prapti Pratiksha Sahu	Odisha, India
3 rd Prize	Harshitha	Tamil Nadu, India
Consolation 1	Kadambari Chaudhary	Delhi, India
Consolation 2	Rawhah Zoharin	Sharjah, UAE
Consolation 3	Miah Saheb Aayesha Tabassum	Ad Dawhah, Qatar
Consolation 4	Yash Singh	Rajasthan, India
Consolation 5	Keishna Ashok	Madinat ash Shamal, Qatar

Category – B		
Prize	Name	Place
1 st Prize	Amisha Mehmi	Punjab, India
2 nd Prize	Rupjit Singh	West Bengal, India
3 rd Prize	Rahul Mallik	Jharkhand, India
Consolation 1	Suneha Chakraborty	Chandigarh, India
Consolation 2	Sauparnika Nair	Gujarat, India
Consolation 3	Narendar Rana	Uttarakhand, India
Consolation 4	Shathya Pranav.S.R.K	Al-ahmadi, Kuwait
Consolation 5	Anupama Limba	Rajasthan, India

Category - C		
Prize	Name	Place
1 st Prize	Sheetal Gupta	Haryana, India
2 nd Prize	Pranali Dilip Tambe	Maharashtra, India
3 rd Prize	Mahadev Sitaram Rokade	Maharashtra, India
Consolation 1	Jagriti Soni	Chhattisgarh, India
Consolation 2	Kajol Pravakar	Odisha, India
Consolation 3	Nikita Pravin Yadav	Maharashtra, India
Consolation 4	Somdev Maity	West Bengal, India
Consolation 5	Chetana Lahariya	Maharashtra, India

Category - D		
Prize	Name	Place
1 st Prize	Anil Kumar	Punjab, India
2 nd Prize	Naginder Singh	Punjab, India
3 rd Prize	Sushant Wanjari	Maharashtra, India
Consolation 1	Mili Thakkar	Maharashtra, India
Consolation 2	Poonam Sharma	Delhi, India
Consolation 3	Uzma Danish Dalvi	Ad Dawhah, Qatar
Consolation 4	Mrs. Roshni Choubey	Madhya Pradesh, India
Consolation 5	Amrita Patgiri	Punjab, India

Category - E		
Prize	Name	Place
1 st Prize	Shovan Bhabai	Jharkhand, India
2 nd Prize	Anwasha Mondal	West Bengal, India
3 rd Prize	Aarushi Jindal	Rajasthan, India
Consolation 1	Akshaj Kaushik	Delhi, India
Consolation 2	Konthoujam Pinky Devi	Manipur, India
Consolation 3	Pooja Khapekar	Maharashtra, India
Consolation 4	A. Camilo Joshua	Ajman, UAE
Consolation 5	Chandan Balaganchi Narayan	Karnataka, India

Write-up/Story/Poem

Category - A		
Prize	Name	Place
1 st Prize	Ojasav Bhatia	Haryana, India
2 nd Prize	Samanwita Bhattacharjee	Uttarakhand, India
3 rd Prize	Tanvi Sarode	Goa, India
Consolation 1	Ankita Maharana	Odisha, India
Consolation 2	Aarav Agrawal	West Bengal, India
Consolation 3	Saron Satheesh Menon	Sharjah, UAE
Consolation 4	Aditya Singh	Punjab, India
Consolation 5	Anumita Raj	Uttar Pradesh, India

Category - B		
Prize	Name	Place
1 st Prize	Fudail Ahmed	Sharjah, UAE
2 nd Prize	Shreoshee Shanker	Jharkhand, India
3 rd Prize	Mahi Singhal	Uttarakhand, India
Consolation 1	Theertha Puthalath	Sharjah, UAE
Consolation 2	Kamya Sharma	Himachal Pradesh, India
Consolation 3	Riicho	West Bengal, India
Consolation 4	Omkar Gupta	Maharashtra, India
Consolation 5	Deewanshu Gulati	Punjab, India

Category - C		
Prize	Name	Place
1 st Prize	Akshita Kanna	Abu Dhabi, UAE
2 nd Prize	Vighnesh Vimal	Bihar, India
3 rd Prize	Anu Bharti	Jammu-Kashmir, India
Consolation 1	Apoorva Nilay Dhopte	Maharashtra, India
Consolation 2	Mansi	Uttar Pradesh, India
Consolation 3	Karan	Goa, India
Consolation 4	Jiten Bhadane	Gujarat, India
Consolation 5	Gunjan Pandey	Delhi, India

Category - D		
Prize	Name	Place
1 st Prize	Mallika Seshadri	Tamil Nadu, India
2 nd Prize	Reema Sumesh	Al Wakrah, Qatar
3 rd Prize	Jayshree K Rangolia	Gujarat, India
Consolation 1	B. Magdalene Sylvia	Ad Dawhah, Qatar
Consolation 2	Ishrat Fatima	Umm Said, Qatar
Consolation 3	Puspa	Jharkhand, India
Consolation 4	Sharmila Dash	Maharashtra, India
Consolation 5	Vedapathi Ck	Tamil Nadu, India

Category - E		
Prize	Name	Place
1 st Prize	Mumtaz Abdulla	Sharjah, UAE
2 nd Prize	Swapnil M Dudhwadkar	Maharashtra, India
3 rd Prize	Niharika Verma	Punjab, India
Consolation 1	Jayakumar Menon	Ad Dawhah, Qatar
Consolation 2	Dr.Chandni Chakraborty	West Bengal, India
Consolation 3	Ishita Bera	Delhi, India
Consolation 4	Anjali V Raj	Karnataka, India
Consolation 5	Manabendra M De	Karnataka, India

Photography

Category - A		
Prize	Name	Place
1 st Prize	Hana Haneefa	Ad Dawhah, Qatar
2 nd Prize	Devansh Benda	Madhya Pradesh, India
3 rd Prize	Nilavan Sivakumar	Ar Riyad, Saudi Arabia
Consolation 1	Kushankur Rakshit	West Bengal, India
Consolation 2	Emil George Suresh	Al Manamah, Bahrain
Consolation 3	Sneha T Rajesh	Sharjah, UAE
Consolation 4	Bhagya Shylaja Suresh	Sharjah, UAE
Consolation 5	Tanvi Kwatra	Uttar Pradesh, India

Category - B		
Prize	Name	Place
1 st Prize	Rida Ravooof	Dubai, UAE
2 nd Prize	Maria Cicily Pius	Dubai, UAE
3 rd Prize	Alex George Viljo	Al Farwaniyah, Kuwait
Consolation 1	Arshiya	Dubai, UAE
Consolation 2	Adnan Mansoor	Ras Al Khaimah, UAE
Consolation 3	Irene Thomas	Abu Dhabi, UAE
Consolation 4	Diya Meena	Rajasthan, India
Consolation 5	Jaiswal Avlin Arya	Abu Dhabi, UAE

Category - C		
Prize	Name	Place
1 st Prize	Atharva Gijare	Maharashtra, India
2 nd Prize	Goutham Sudeesh	Al Farwaniyah, Kuwait
3 rd Prize	Sewang Tamang	West Bengal, India
Consolation 1	Somesh Kumar Patel	Tamil Nadu, India
Consolation 2	Anusha Shanmugam	Tamil Nadu, India
Consolation 3	Ilma Khan	Uttar Pradesh, India
Consolation 4	Nitish Mishra	Uttar Pradesh, India
Consolation 5	Prathamesh Kadam	Maharashtra, India

Category – D		
Prize	Name	Place
1 st Prize	Gopal Pandey	Sikkim, India
2 nd Prize	Mr Antony K. K.	Al Wakrah, Qatar
3 rd Prize	Sasi Krishnan	Al Farwaniyah, Kuwait
Consolation 1	Madhu Dubey	Madhya Pradesh, India
Consolation 2	Jomol J	Kerala, India
Consolation 3	Galeena Binoth Lonen	Al Wakrah, India
Consolation 4	Vaishali Nitin Kamat	Maharashtra, India
Consolation 5	Pooja Virmani	Uttar Pradesh, India

Category – E		
Prize	Name	Place
1 st Prize	Kartika Pandey	Delhi, India
2 nd Prize	Ullas Chirakkara	Kerala, India
3 rd Prize	Namita	Rajasthan, India
Consolation 1	Ashwini Gahukar	Maharashtra, India
Consolation 2	Meena Saha	Delhi, India
Consolation 3	Priyanka Mahadik	Maharashtra, India
Consolation 4	Mohammad Anas	Delhi, India
Consolation 5	Avinash Chaudhary	Maharashtra, India

Short Video

Category - A		
Prize	Name	Place
1 st Prize	Keertana Nair	Abu Dhabi, UAE
2 nd Prize	Viren Vishwesh Khadilkar	Maharashtra, India
3 rd Prize	Hana Haneefa	Ad Dawhah, Qatar
Consolation 1	Rupankar Richard Chakrabarty	West Bengal, India
Consolation 2	Amrita Vineeth Krishna	Sharjah, UAE
Consolation 3	Mohammad Hammad	Maharashtra, India
Consolation 4	Drishti Jain	Ar Rayyan, Qatar
Consolation 5	Mrinal Dabi	Al Wakrah, Qatar

Category - B		
Prize	Name	Place
1 st Prize	Aditya Bhusari	Maharashtra, India
2 nd Prize	Ditadeep Sarkar	Maharashtra, India
3 rd Prize	Priyal Sharma	Rajasthan, India
Consolation 1	Srushti Shantaram Gunjal	Maharashtra, India
Consolation 2	Karthik Rajesh	Al Manamah, Bahrain
Consolation 3	Shahina Hashim	Ar Rayyan, Qatar
Consolation 4	Haribala Shaji	Kerala, India
Consolation 5	Arush Gaur	Karnataka, India

Category - C		
Prize	Name	Place
1 st Prize	Kautuk Marolia	Maharashtra, India
2 nd Prize	Harender Kumar	Maharashtra, India
3 rd Prize	Sruthi Gadge	Maharashtra, India
Consolation 1	Vasavi Jaligam	Telangana, India
Consolation 2	Deepika Mukherjee	Jharkhand, India

Category – D		
Prize	Name	Place
1 st Prize	Parveen Jahan	Telangana, India
2 nd Prize	Souravi Bardhan	West Bengal, India
3 rd Prize	Harinder Singh Sarkaria	Punjab, India
Consolation 1	Bismi Joseph	Al Wakrah, Qatar

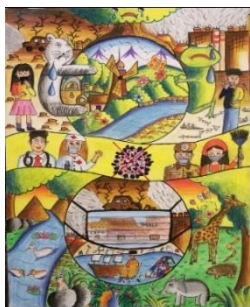
Category – E		
Prize	Name	Place
1 st Prize	Maaz Kazmi	Maharashtra, India
2 nd Prize	Rajkarne Media Waves Pvt Ltd	Maharashtra, India
3 rd Prize	Rakhi	Haryana, India
Consolation 1	Jamuna Kurup	Delhi, India

Winning Entries

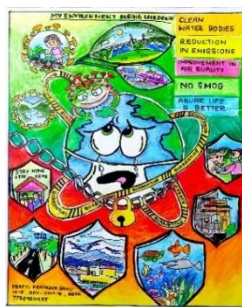
Poster/Drawing/Sketching

1st2nd3rd

Category-A



Name: Tanisha Saxena
Place: Al Wakrah, Qatar



Name: Prapti Pratiksha Sahu
Place: Odisha, India



Name: Harshitha
Place: Tamil Nadu, India

Category-B



Name: Amisha Mehmi
Place: Punjab, India

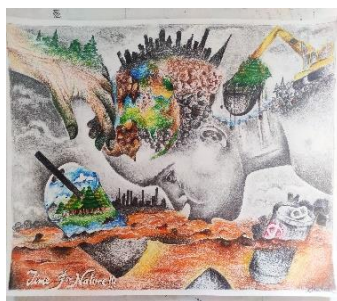


Name: Rupjit Singh
Place: West Bengal, India



Name: Rahul Mallik
Place: Jharkhand, India

Category-C



Name: Sheetal Gupta
Place: Haryana, India



Name: Pranali Dilip Tambe
Place: Maharashtra, India

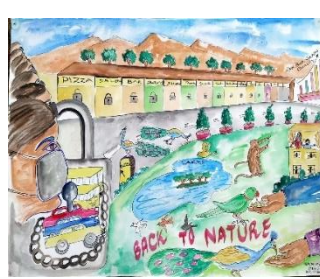


Name: Mahadev Rokade
Place: Maharashtra, India

Category-D



Name: Anil Kumar
Place: Punjab, India



Name: Naginder Singh
Place: Punjab, India



Name: Sushant Wanjari
Place: Maharashtra, India

Category-E



Name: Shovan Bhabai
Place: Jharkhand, India



Name: Anwesha Mondal
Place: West Bengal, India

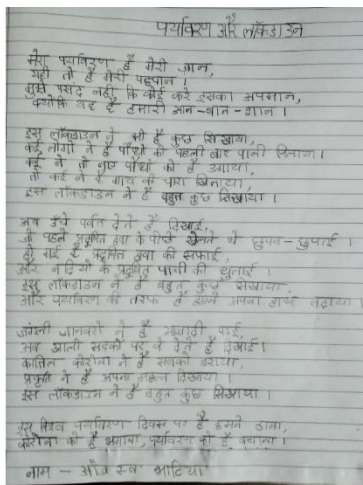


Name: Aarushi Jindal
Place: Rajasthan, India

Write-Up/Story/Poem

1st2nd3rd

Category-A



Name: Ojasav Bhatia
Place: Haryana, India

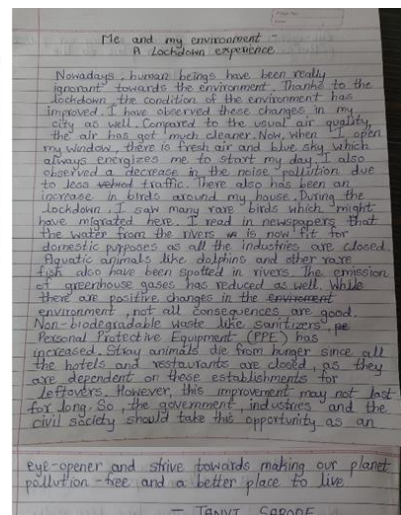
ME AND MY ENVIRONMENT: A LOCKDOWN EXPERIENCE

During the present lockdown period we children are not going to school and are kept in home only. One day when I was playing with my brother, suddenly I listen a different sound coming from the garden adjacent to my home. I peeped through my window, and saw lots of small and beautiful birds chirping merrily. Around them, colourful butterflies were flying from flower to flower. Seeing this I ran down to my garden to see all those colourful birds and butterflies first time in my garden. My little brother also got excited and followed me. I clicked some photos of them and but suddenly a question came in my mind and I asked same to my parents "in past all these beautiful creatures never visit my garden, so why did they all came today?". They explained that "before pandemic there was no lockdown and humans have already polluted environment a lot. Like, in last few decades heavy industrialization resulted air pollution. Water bodies were polluted by chemical from factories. All these irresponsible acts, humans have caused threat to many species. But now, due to lockdown, activities by humans are restricted, and thus pollution has come down. Lockdown brought lot of difficulties for humans but other creatures are enjoying". That day onwards I realised importance of environment in our life and started respecting and loving our environment like I do for my parents. My brother did not understand words of parents but enjoy the day like never before.

Category: A

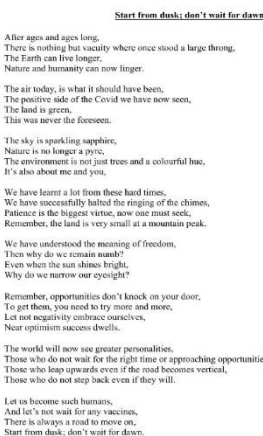
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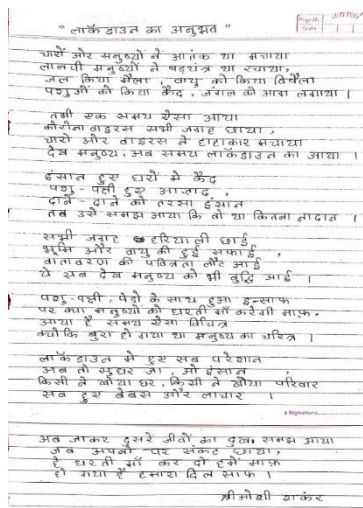


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Name: Shreoshee Shanker
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POEM COMPETITION ME AND MY ENVIRONMENT: A LOCKDOWN EXPERIENCE Lockdown... Not a Breakdown!!

Everything was going as usual.
Spend was casual, wealth was in the visual,
A bundle of people, a bundle of cars,
Hidkes was the beauty of the bright and twinkling stars.

Suddenly came a challenge, a tiny little virus,
Making us cry in chaos,
It spread like forest-fire,
Wealth was left behind and health was people's only desire.

Now, under lockdown,
Some are happy, some still frown.
If you asked my side,
Stay at home and enjoy the risk!

Avoids our wealth and worries about the future,
We've forgotten to enjoy and appreciate the beauty of Nature.
As we stay at home to stop the virus spread,
The roads are empty, signals just stuck at red.

We have spoiled the environment's beauty,
Against our duty,
Gave it enough injury,
To finally unleash it's challenging fury.
Now nature will glow, rivers will flow,

The world of illusions disappeared in a puff of a blow.
Stop giving it pain,
Leaving behind greed and pain,
Stop making concrete jungles and digging a mine,
Then Mother Nature can shine!

Humans have learnt the lesson of future,
And have bowed before nature.
This is a challenge to humanity,
Far beyond the battle of just building immunity!

It's about caring, sharing, and unity,
Discontinuing new things in a variety,
Transforming ourselves and building a stronger society.

Everything is suddenly unusual,
Spend is not casual, health is in the visual,
Nature's a bundle of people, now a bundle of cars,
And all we can see is the beauty of the bright and twinkling stars.

AKSHITA KANNA

प्रकृति से भीख ले
मैं, अगर इस समय आपने जीवन से नाराज थे
प्रकृति के साथ खिलावाज कर सकते थे।
फिर स्पष्ट दिनांक को देखें आप ही।
आपकी नकल हमें दिखाता है।
कहाता कि: हे मानव! तुम विनाश हो।
पूरे जंगल का विनाश तुम्हारे हाथ।
पारंगत हुनर से कातल हो।
तुम नदियों की धार बदल देते हो।
पहाड़ों का आकार बदल देते हो।
बुझों को फिलाने बेपरवाही से नार कर देते हो।
कचरा घर - घर कर खामंद को कितना कष्ट देते हो।
वातु को खाना ही दुनिया कर देते हो।
विनाश के जालवाजी को विनाश खोला करते हो।

तुम मुझ जैसे तुम जीव से कर गए
मेरी नकल से खूब को घर कर गए
कल को दार से, आज आगे ही गए
मृत्यु का चप तुम्हें जता रहा
हजार नगर विनाश से खबर रहा।
देख आज तुम्हीं फिर से जालवाजी रही।
नदियां खलवाती रही।
धुर कर अंधार, उड़ रहा है
खामंद का कचरा भी घर रहा है
बन, जंगल नष्ट, पीछे छोड़ल जा रहे

मैं, अगर इस समय आपने जीवन से नाराज थे
प्रकृति के साथ खिलावाज कर सकते थे।
फिर स्पष्ट दिनांक को देखें आप ही।
आपकी नकल हमें दिखाता है।
कहाता कि: हे मानव! तुम विनाश हो।
पूरे जंगल का विनाश तुम्हारे हाथ।
पारंगत हुनर से कातल हो।
तुम नदियों की धार बदल देते हो।
पहाड़ों का आकार बदल देते हो।
बुझों को फिलाने बेपरवाही से नार कर देते हो।
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विनाश के जालवाजी को विनाश खोला करते हो।

विशेष विज्ञान

LESSON LEARN'T DURING LOCKDOWN

We destroyed her home and spoiled her food,
We became so blind for our own good.
We faded almost every color of the nature,
We started a battle of superiority with other creatures.
To live together peacefully became merely a dream,
We became so blind and deaf to see or hear their screams.
We have done things so strange,
Their lives for us became estrange.
We are the reason for her present sorrow,
Because we promised her a fake tomorrow.
We became the dirt on her crown.
And now we saw her anger in the form of this inevitable lockdown.
Now we understand how it feels to be behind the bars,
Now nature got its own way to clear its scars.
We now see every bird in the sky,
Because of our mistakes, they were not able to fly.
We saw those endangered species reviving again,
We saw their determination for surviving again.
We failed to fix things and did not even apologize,
We have worsen your condition and did not even sympathize.
But you have always showered your love equally on every creature,
So now, this is the time for you dear Mother Nature.

ANU BHARTI

Name: Akshita Kanna
Place: Abu Dhabi, UAE

Name: Vighnesh Vimal
Place: Bihar, India

Name: Anu Bharti
Place: Jammu-Kashmir, India

Conversations for conservation

Monsters, locked away,
By the tiny specks,
Nature, reclaims her pride,
As we clear the decks.

Footfalls have declined,
The Earth gets a respite,
The star-studded sky,
An ethereal sight.

Air cleared of toxins,
Now, the new norm,
Water, the elixir,
Restored to pristine form.

The fish, the boat, the mountain-goat,
All find their place,
Other forms of life,
Have conquered our space.

Peacocks dance in gay abandon,
Down the winding roads,
Spreading their luscious mane,
As black- clouds rained and poured.

The wheel of life slowed down,
Humbled by a spoke,
Sceptre and crown surrendered,
Nature's master - stroke!

As we recede indoors,
We've time to 'stand and stare',
When creepers and wild flowers,
Their archaic beauty, bare.

We're waking up, refreshed,
To soulful bird-calls,
We've finally realised,
There's just one home for all.

Travels, meet - ups, hang-outs,
Come to a stand - still,
While we keep indoors,
There's less of road-kill.

Heart - warming moments,
Are now on the rise,
But, the poor of the world,

They're paying the price.
It's but a matter of time,
Before the world's deprived,
Exploit mother nature,
In their quest to survive.

We cannot now acquiesce,
The down - side of it all,
Is as clear as it gets,
The writing's on the wall.

It's time this world takes up,
Conversations with a heart,
The panacea for all ills,
Is conservation, for a start.

Mallika Seshadri

A message from Heaven

Have courage now about?
Asking me, "for what?"
Still, shouldn't, aren't you?
Stating at me as if for what?

I feel like laughing at you,
You think you are the only:
Pretentious,
Grasping,
Intelligent,
Superior to me Earth!

Now what happened to you?
Hiding from all and even from each other,
Religiously claiming to free of something,
Which you can't even say about or about!
You cannot see me, whom you can't even see...
But I do believe it's not them who brought in this do
And you know who?

It's you...
Poor creature on Earth!

I am afraid of you,
I think you are the only:
Selfish,
Greedy,
Pretentious,
Senseless life on Earth!

Now you may ask, "why?"
Killing and spoiling everything around,
Taking all forms of Nature for granted,
Harming our "MOTHER" ruthlessly!!
There is only one creature who is harmless...

To all, to Nature, to Earth...
And you know who?
It's you...
Poor creature on Earth!

I feel pity on you!
I thought you were:
Humane
Ungrateful
Majestic
Adaptive
Noble

Now you know what?
You are proving me wrong!
You never treated me like your fellow being,
You never loved me, but used me...
You never cared for our Mother who gave us everything...
Mother loves her children alike, but you turned out to be greedy!
And you know who?

It's you...
Poor creature on Earth!

Still...
I do care for you...
My dear human
Now don't ask me,
Who am I to say all these...
I am the poor little DODO
Whom you snatched away from our MOTHER'S lap.

Poem (English)
Covid-19
The vacant Greenland outside
The lonely roads,
The silent cities
And those closed markets.
It is just like a full stop to our life,
A regular life.

It seems that history has come alive
Those birds chirping of the morning,
And the light breeze smothering
Those raindrops on grass;
The pollution free stars,
Those swift sounds of river
And echo that shivers.
All were back
In the name of COVID-19 stack.

Those untouched rows of bodies:
Those in-named testing rallies,
Those vagabond footsteps for home
And the empty stomach that roar.
Those quarrelsome ration lines
Maintaining safe distancing fees.
Those abroad moving dreams:
Longing for returning to thames.
And the doctor's and health worker's marching
In the robe of God that were searching
These scenarios are hack
In the name of COVID-19 stack.
Amidst of these CORONA hassle,
The politics battle.
Science and praying long for hope-

To save the humanity scopes
And nature with its genuine beauty
Is turning its chapter of duty,
The thick Greg mask of dust
Is fallen with its quote of rust
The problem of climate change is off
With eradicating Mother Nature's cough,
These are the ready pack
In the name of COVID-19 stacks.

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Earth's button to reset

*It's the year 2020, life is free, full of delights
Ignorance and arrogance are scaling new heights
With every passing second, is diminishing morality
Nature will surely avenge this cruelty.*

*Something came along and disrupted our routine
Life was cramped up in a box called Quarantine
Nonetheless there's no reason to be upset
Oh! Beloved human, it's Earth's button to reset.*

*This virus is a threat that spreads like wildfire
Covid warriors are the ones that we should admire
Social distancing and sanitizing are our new found assets
Because, the Earth is now all set to reset.*

*When the entire world was struggling to survive
With clearer air and water, the earth began to revive
From a self-centred lifestyle to a benevolent mindset
Thanks to the Earth's button to reset.*

*Throughout the century, this was our ultimate struggle
Consider it a lesson and remember it as an example
Let's repay mother earth our long due debt
So that, there's no need for another RESET.*

-Swapnil Dudhwadkar

Name: Swapnil Dudhwadkar
Place: Maharashtra, India

A letter to mother earth...

My dear mother earth, it is a letter to you,
You were the kindest mother and I, The wicked kid to you,
You gave me life and the necessities of life that I owe you,
There's a lot you have done but I never said thank you.
Everytime you were burning, I never listened to,
To your voice that screamed and ached for all the sufferings it view.
For all the stress that I laid onto you, for all the sufferings I gave you,
I know you might have asked for help, But I never replied you.
Now that I am locked down at my home, I realize,
That how you must have felt when I took everything in front of your eyes.
I am sorry for cutting millions of trees every year,
The cries I never heard along with its tears.
I am sorry for killing your treasure for my greed,
I never thought how disheartening it must be for your creed.
Every year you burnt and gave a loud cry,
I promise I will take care of it and the laws of nature I will always abide by.
I am sorry, for everything that I have done,
Hope you forgive me for all the damage that's done.
I can't repay for all the sufferings you had to go through,
But I promise I will be the medicine to the wounds you bear too.

-NIHARIKA VERMA

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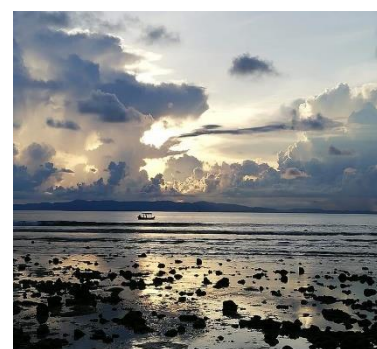
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Short Video

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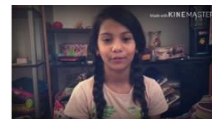
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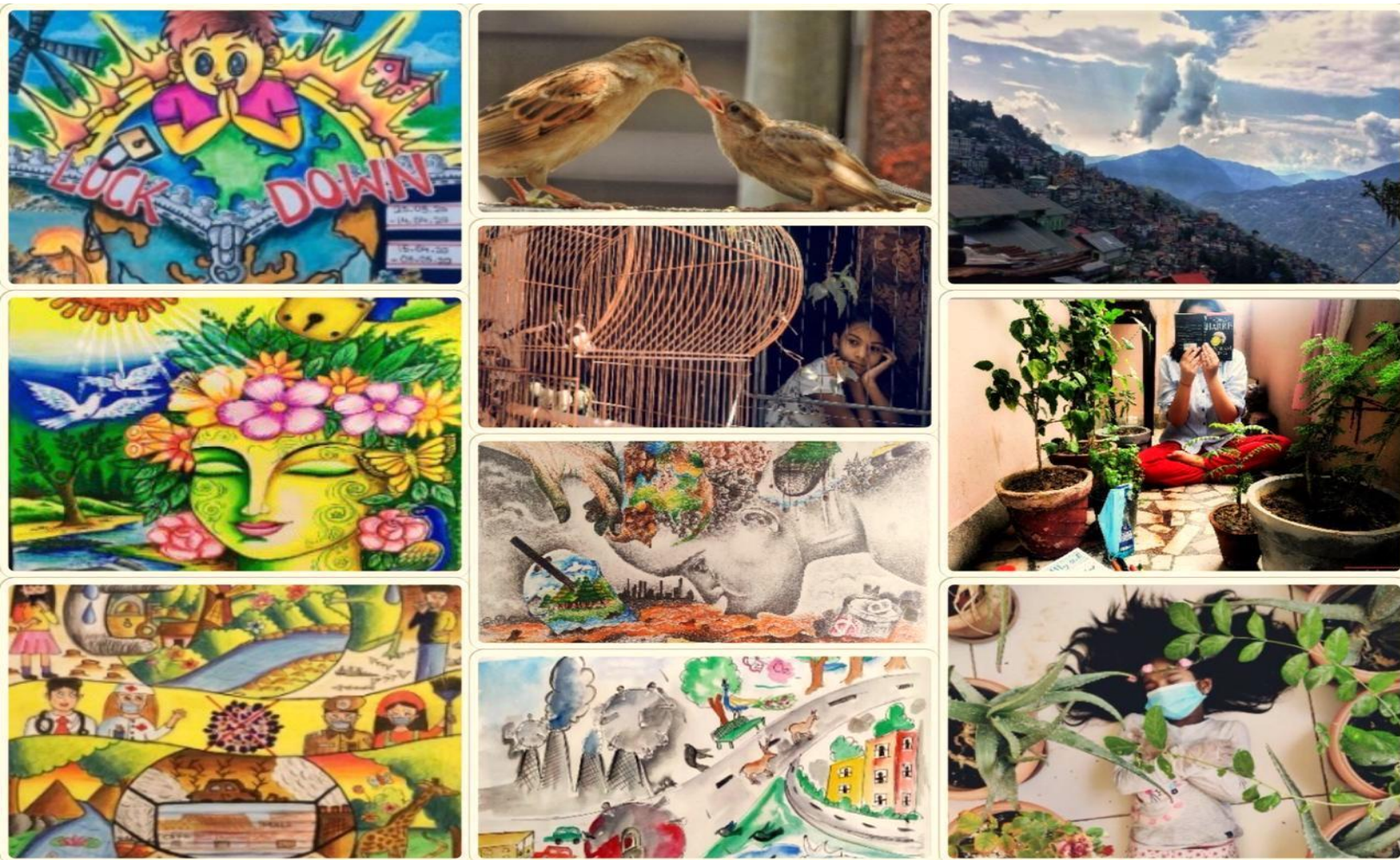
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