



Department of
Environmental Science
Events
Organized
Jan 2021- Present

**Under the Guidance of
Prof. Gayatri Barabde**

The motto of conducting events in the EVS department is to further the cause of environmental awareness. All the students enthusiastically participate in all events in order to gain more knowledge and skill. Prof. (Dr.) Gayatri Barabde is the coordinator of EVS Department and has generously supported the students and staff in conducting these events. The teachers of the department are Dr Mihir Herlekar, Ms. Jogitha Kanappaly and Mr. Akshay Dandge, who utilise their knowledge, network and organizational skills to make each event special with the help of the Institute and our wonderful students. This report outlines activities for the year 2021- 22 and 2022-23

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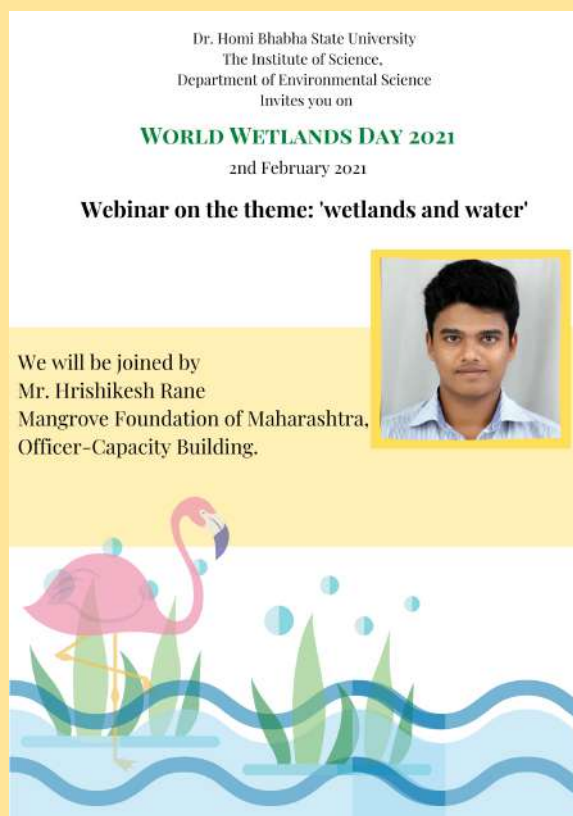
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Events of 2021-22

World Wetland day 2021

Date : 02 February 2021
Time : 2:00 pm to 4:00 pm
Theme : wetlands and water
Speaker : Mr. Hrishikesh Rane

Dr Homi Bhabha State University, The institute of science celebrated the 'World Wetlands Day 2021' on Tuesday, 2nd February 2021. The Department of Environmental Science arranged a webinar on the theme 'Wetlands And Water'. Mr. Hrishikesh Rane was invited for a lecture on the topic 'Wetlands And Water'. He is associated with mangrove foundation of Maharashtra officer- capacity building. The event was organised by Dr. Mihir Herlekar, Ms. Jogitha kanapally and Mr. Akshay Dandge in the presence of Coordinator Dr. Gayatri Barabde.



Dr. Homi Bhabha State University
The Institute of Science,
Department of Environmental Science
Invites you on

WORLD WETLANDS DAY 2021
2nd February 2021

Webinar on the theme: 'wetlands and water'

We will be joined by
Mr. Hrishikesh Rane
Mangrove Foundation of Maharashtra,
Officer-Capacity Building.

Mr. Hrishikesh Rane shared a lot of information about wetlands in his webinar, such as how wetlands can be use for water resources, Due to lack of food various foreign birds migrated to mumbai like flamingoes, Siberian birds and herons, the mangroves and their special features like breathing roots called as pneumatophores have special ability to capture oxygen from air. He talked about many Organisms living in wetland region such as, crabs, mud skippers, tortoise, flatworms, cat fishes, etc. The increase in fishing in the wetland area causes a lot of problem to the animal species living that region like many of them get stuck in the fishing nets and get injured or even die. The local people have started cultivating fishes, oyster and crabs for their local food consumption, rather than depending on the natural availability which decrease the loss of animals and fishes. A solution to protect and increase the wetlands area is to plant mangrove trees near to the existing wetland region. Mangrove tree plantation can increase the wetlands area and provide shelter to many needed species. The Awareness among local residents for conserving the wetlands can also help to conserve the wetlands.

The local residents have also started opening some small facilities for treatment of injured marine animals. The negative impact of fishing and other polluting activities like improper tourist activities on the wetlands can be harmful. He shared a lot of positive benefits of wetlands, such as a source of fresh water, mangroves and marshes and how they are crucial for a healthy ecosystem.

The event also included an essay writing competition on the topic wetlands and water. The winner were announced, the first prize was given to Ms. Karishma Katpitiya and second prize was given to Ms. Kanchan Kulaye.


A vote of thanks was given by the Coordinator Dr. Gayatri Barabde.

Dr. Homi Bhabha State University
The Institute of Science,
Department of Environmental Science
Invites you on

WORLD WETLANDS DAY 2021

2nd February 2021

Webinar on the theme: 'wetlands and water'
Essay competition winners declaration
2 pm to 4 pm



For participating in the Essay competition, mail on
evs@isem.ac.in by 31st January 2021

E-waste: A Tsunami or A treasure Hunt 2021

Speaker: Mr Nikhilesh Iyer, BARC

Date 18th September 2021

Time: 11 am to 12 pm



**DR. HOMI BHABHA STATE UNIVERSITY
INSTITUTE OF SCIENCE. MUMBAI**

Department of Environmental Science
welcomes you to honor the
achievements of
*International Day for the Preservation
of the Ozone Layer*

**E-waste: A Tsunami or a
Treasure Hunt?**

a webinar by Mr. Nikhilesh Iyer, BARC
18th September 2021,
Time: 11 am to 12 pm

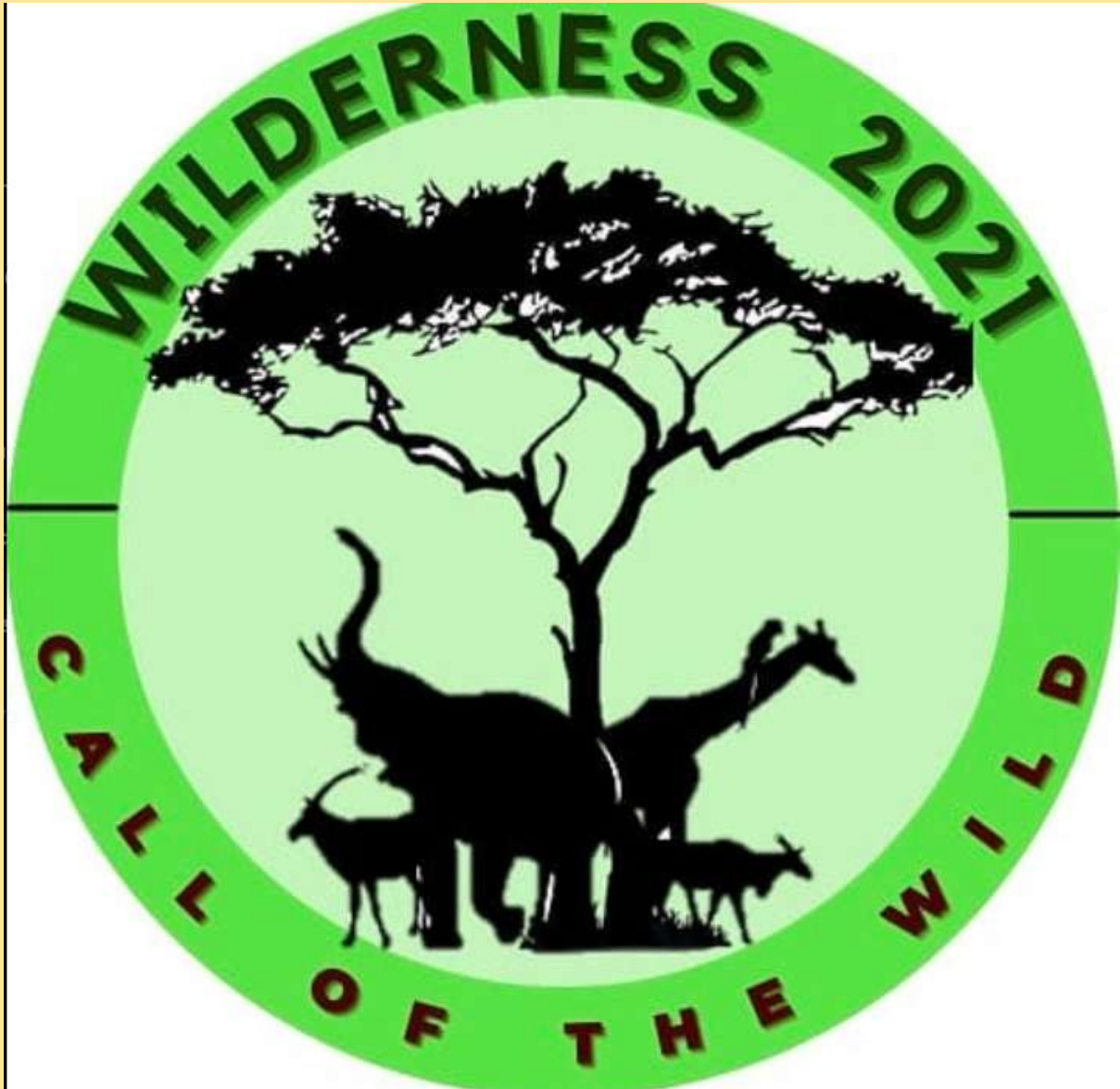


The Event was conducted online on 18th September 2021 in the honor of the achievements made in protection of the Ozone layer a short brief on the ozone day was give Dr Mihir Herlekar. It enlightened the participants on the sources of precious as well as heavy metals that are present in e-waste. Mr Nikhliesh talked about the sources of e-waste and how it is handled, some mismanagements in handling and disposal of ewaste and the risks that come from it. He showed us the various chemical reactions and technologies used in purifying metals from e-waste.

Nearly 60 participants from different departments of the institute participated in the event and the event ended with a google form quiz to test the knowledge that students have gained from the workshop.

His workshop can be viewed on this link
<https://drive.google.com/file/d/16-7Q7leeS2E69FdDulaH0Uke4Et5BooA/view?usp=sharing>

Wilderness 2021



Wilderness 2021 Logo and theme

Wilderness is the annual intercollegiate fest conducted by the Department of Environmental science on 22nd & 23rd October 2021. It was conducted in online mode post pandemic and saw a good number of participants.

The events held were Photography, videography, slogan, essay writing, poetry writing etc.

Event Details

Event line up

Day 1 (22nd Oct 2021)

11 to 12.30: Documentary screening, EPS problem statement

12.30 to 1: Slogan presentation

1 to 2 break

2 to 3.30: EPS presentation

Day 2 (23rd Oct 2021)

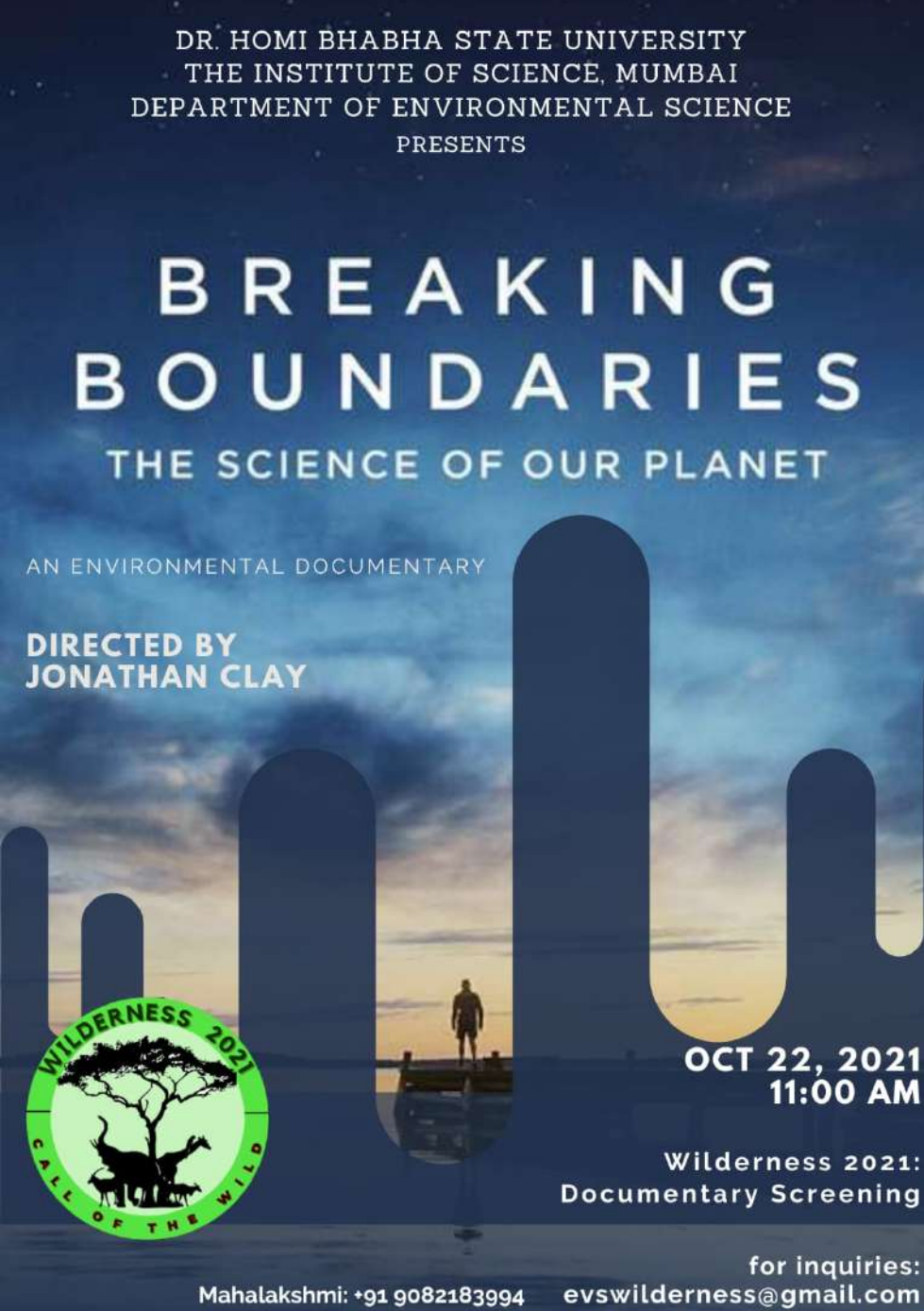
11-12: quiz

12.10- 2.00: Treasure hunt, Poetry/monologue Recital

2-3 pm: Webinar

3.15: Closing ceremony

The Event started with an enlightening documentary screening “ Breaking Boundaries- The Science of our planet”




DR. HOMI BHABHA STATE UNIVERSITY
THE INSTITUTE OF SCIENCE, MUMBAI
DEPARTMENT OF ENVIRONMENTAL SCIENCE
PRESENTS

BREAKING BOUNDARIES

THE SCIENCE OF OUR PLANET

AN ENVIRONMENTAL DOCUMENTARY

**DIRECTED BY
JONATHAN CLAY**



**OCT 22, 2021
11:00 AM**

Wilderness 2021:
Documentary Screening

for inquiries:
Mahalakshmi: +91 9082183994 evswilderness@gmail.com

DR. HOMI BHABHA STATE UNIVERSITY
THE INSTITUTE OF SCIENCE, MUMBAI
DEPARTMENT OF ENVIRONMENTAL SCIENCE
PRESENTS



Wilderness 2021

CALL OF THE WILD

Talk
on
Birds
Around Us



Date: 23rd October 2021
Time: 2pm to 3 pm

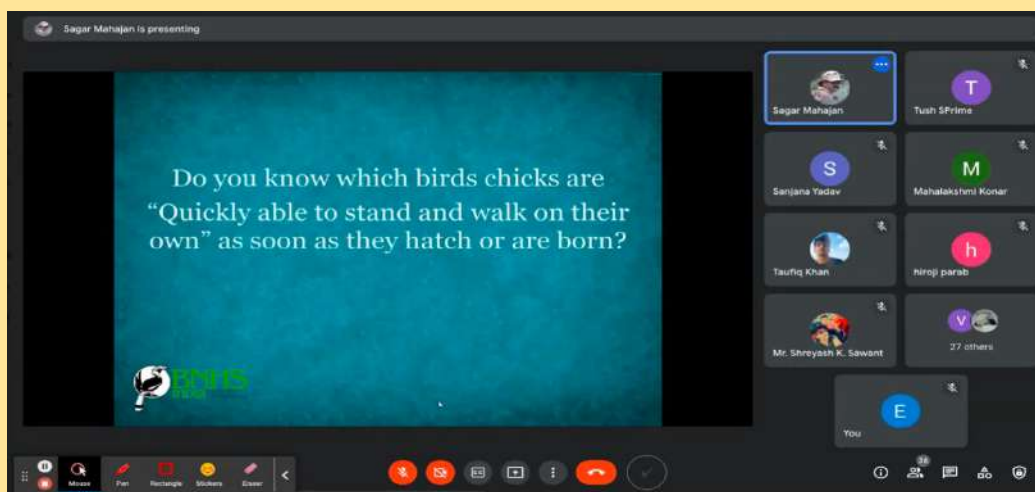
By
Mr. Sagar Mahajan

Sagar Mahajan is currently working as an Education Officer at CEC BNHS, Mumbai.

He's a Microbiology graduate and post graduate in Biodiversity, Wildlife Conservation and Management. For his masters dissertation, he did research on Leopards of Mumbai.

Worked as Naturalist with Pugdundee Safaris at Pench, Kanha and Satpura Tiger Reserves.

Also volunteered in Vulture Conservation project with SEESCAP in Western Ghats.



Stills from Sagar Mahajans Talk on Birds

The total number of registered participants were 65 (information available on this link:

<https://docs.google.com/spreadsheets/d/1oqvy5C3uOjkU-RwBm6UH1Z-doHnZdPQGAtlXVjE9j2Y/edit?usp=sharing>)

The information regarding the competitions were circulated using an online brochure which can be found on this link

<https://drive.google.com/file/d/1Bmc9IHrrtXEKafe7GDSpK4zN2YjIMrd8/view>

Events of 2022-23

Wilderness 2022 Report

Wilderness is the annual intercollegiate fest conducted by the Department of Environmental science on 16th and 17th September 2022. It was conducted in offline mode post pandemic and saw a good number of participants. The brochure for the same is as seen below.

The events held were Photography, videography, slogan, essay writing, poetry writing eco-fashion show etc.

The ceremony opened on 16th with a talk on “ Vanishing grasslands and cheetah” by Mr. Omkar Patil. Who talked about the importance of grasslands and how urbanization and bad administrative measures have led to the phenomenal loss of grasslands. He also highlighted cheetahs and their new introduction into the indian ecosystem and the challenges associated with it.



Stills from Inauguration Ceremony and Speaker-Students Interaction

Wilderness 2022 brochure



Dr. Homi Bhabha State University
The Institute of Science
Department of Environmental Science
Presents

WILDERNESS 2022

Only One Earth
16th - 17th September 2022



Day 1 (16th September)

Registration
9 AM

*Opening Ceremony & A seminar on
The Vanishing Grassland and Cheetah*
11 AM

Mission: Only One Earth
(Environmental Problem Disclosure: Online)
12.30 Pm

Quest For Wilderness
(Treasure Hunt)
2.15 Pm

Nature Zoom
(Videography)
Online Submission

Earth Wise
(Quiz)
2 Pm

Essentials of Earth
(Photography)
Online Submission

Eco Mental
(Meme)
Online Submission

Day 2 (17th September)

Earth Melody
(Song)
10 Pm-1 pm

Mission: Only One Earth
(Environmental Solution Presentations)
10 Pm-1 pm

Paryavaran Sahitya
Poetry
Online Submission

Prize Distribution Ceremony
2.30 Pm-3.30pm

Registration
9 AM

EcoGlamour
(Fashion Show)
10 Am-1 pm

Wild Columnist
Article Writing
Online Submission

Green Thoughts
(Slogan)
Online Submission





Scan QR code for rulebook
and registration link
Note: Registration link is on
the 1st page of Rulebook

For online registrations and queries contact us on:
Sahil: 7506760515
Mukul: 7391961255
 wilderness.21
 evswilderness@gmail.com

Official wilderness 2022 logo



The participation forms were filled in online mode using google form and the participant attendance was recorded on google sheet which can be accessed on the following link

<https://docs.google.com/spreadsheets/d/1bGPXsvT5st0s0BPVmEriaFZ6d3M9NjNzLFmmyEBbEoA/edit?usp=sharing>

The overall participation in all events was 116. Some of the stills from events can be seen below



Stills from Earth Melody, Eco Glamour and Environmental Problem Solving



Stills from Treasure Hunt and Quiz Competition

The closing ceremony was attended by Dr A. D. Sawant as the chief guest and chaired by the director Dr Jayram Khobragade along with the presence of Prof. Gayatri Barabde on the dias they shared their happiness at the enthusiasm of the

participants and volunteers and distributed the awards and prizes to the winners. The stills of the same can be seen as follows:



Stills from Prize Distribution Ceremony

News Coverage

होमी भाभा विद्यापीठात 'रंगणार' विल्डरनेस २०२२'

15-Sep-2022

DR. HOMI BHABHA UNIVERSITY
THE INSTITUTE OF SCIENCE, MUMBAI

WILDERNESS' 22

SPEAKER

Seminar on
**THE VANISHING
GRASSLAND AND
CHEETAH**

Sept
2022 **16th** | 11:30 AM - 12:30 PM

Mr. Omkar Patil
Scientific Advisor
(Mumbai Tarun Bharat and MahaMTB)
Avifauna, Herpetofauna and
Big Cats Expert

wilderness.22
evswilderness@gmail.com
+91 78750 99284

REGISTER
NOW!
*Registration link in bio!

@THEMAHAMTB

मुंबई: मुंबईतील फोर्ट परिसरातील डॉ. होमी भाभा स्टेट विद्यापीठातील पर्यावरणशास्त्र विभागातर्फे 'विल्डरनेस' हा आंतरमहाविद्यालयीन फेस्टिवल आयोजित करण्यात आला आहे. फेस्टिवल मध्ये प्रश्नमंजुषा, छायाचित्रीकरण, व्हिडिओग्राफी, लेख लेखन, कविता तसेच विडंबन गीत, पर्यावरणातील

Link:

<https://www.mahamtb.com/Encyc/2022/9/15/-Wilderness-2022-to-be-organized-at-Homi-Bhabha-University.html>

विज्ञान संस्थेत दोन दिवस रंगणार कार्यक्रम

होमी भाभा विद्यापीठात आज 'विल्डरनेस' सोहळा

मुंबई, ता. १५ : डॉ. होमी भाभा राज्य विद्यापीठ, विज्ञान संस्था, मुंबई यांच्या संयुक्त विद्यमाने विद्यापीठातील पर्यावरणशास्त्र विभागाद्वारे 'ओन्ली वन अर्थ' या विषयावर आधारित 'विल्डरनेस-२०२२' या सोहळ्याचे आयोजन केले आहे. १६ व १७ सप्टेंबर या दोन दिवशी विज्ञान संस्थेत हा सोहळा पार पडणार आहे. यात प्रामुख्याने पर्यावरण, निसर्ग आदी विषयांवर आधारित अनेक स्पर्धा व माहितीपूर्ण व्याख्यान आयोजित करण्यात आले असल्याची माहिती विद्यापीठातील पर्यावरणशास्त्र विभागाच्या समन्वयक प्रो. गायत्री वारबदे यांनी दिली.

विद्यार्थ्यांसाठी खास प्रश्नमंजुषा, छायाचित्रीकरण, व्हिडीओग्राफी, लेख लेखन, कविता तसेच विडंबन गीत, पर्यावरणातील समस्यावर उपाय, सस्टेनेबल फॅशन शो, मिम मेकिंग अशा नावोन्यपूर्ण स्पर्धा होणार आहेत. त्याचबरोबर कुतूहलजनक अशा 'चित्ता व लून होणारे गवताळ प्रदेश' या विषयावर ऑंकार पाटील याचे व्याख्यान होणार आहे. कोरोनाकाळानंतर पुन्हा ऑफलाईन पद्धतीने होणाऱ्या या पर्यावरणशास्त्राच्या सोहळ्यात १०० हून अधिक विद्यार्थ्यांचा प्रत्यक्ष सहभाग असणार आहे.



मुंबई: 'विल्डरनेस' सोहळ्यातील विषयांचा संक्षिप्त देखावा.

Coverage in Sakal

World Wetland Day 2023



DR. HOMI BHABHA STATE UNIVERSITY
THE INSTITUTE OF SCIENCE, MUMBAI

Department of EVS Invites you all

World Wetland day talk on

Wetland conservation

Gargi Vijayaraghavan

Conservationist and
Information officer at the
Environmental information,
awareness, capacity
building and livelihood
programme (EIACP), BNHS



Coordinator
Prof Gayatri Barabde

8th Feb 2023
Room no 45
2- 3 PM

This event outlined the importance of protecting wetlands and the different types of wetlands that are seen in India. Gargi put light on the destruction of wetland due to rapid urbanization and poor planning. She shed light on not just the loss of biodiversity but also the loss of habitat and income for local populations near these wetlands that rely on them for food and agroforestry products.

Environment, Social, Governance: How sustainability fits into financial Decision making.



DR. HOMI BHABHA STATE UNIVERSITY
THE INSTITUTE OF SCIENCE, MUMBAI

DEPARTMENT OF EVS INVITES YOU ALL

Environment
Social
Governance

How sustainability fits into
financial Decision making?

Mr. Sagar Khanna
Senior Associate:
Ratings and ESG Advisory
NatWest Bank



Coordinator
Prof Gayatri Barabde

4th March 2023
Mathematics department
2-3 PM



Introduction:

On 4th March 2023, an enlightening event on Environmental, Social, and Governance (ESG) was conducted by Mr. Sagar Khanna, an esteemed expert working at Nat West Bank. The event aimed to provide valuable insights to students from the Environmental Science (EVS) and Data Science departments.

Key Discussions and Event Overview

The event commenced with a warm welcome extended to Mr. Sagar Khanna, whose vast experience in ESG practices and its integration in the banking sector made him an ideal resource person. Mr. Khanna commenced the session by introducing ESG as a framework for assessing the sustainability and ethical impact of an organization's operations. He emphasized how ESG has emerged as a crucial aspect of corporate decision-making, investment strategies, and risk assessment.

Environmental Considerations: Mr. Khanna explained the environmental aspect of ESG, highlighting the significance of sustainable practices, environmental conservation, and reducing carbon footprints. He elaborated on the potential impact of climate change, deforestation, pollution, and resource depletion on the planet, emphasizing the urgent need for responsible environmental stewardship.

Social Responsibility: The session delved into the social dimension of ESG, discussing the importance of fair labor practices, diversity and inclusion, employee welfare, community engagement, and philanthropy. Mr. Khanna elucidated how organizations are increasingly being evaluated on their efforts to ensure social justice, equality, and positive societal impact.

Governance and Ethics: Mr. Khanna emphasized the critical role of governance and ethics in ESG, elucidating how transparent and accountable business practices foster trust and long-term sustainability. He discussed the significance of robust governance structures, ethical leadership, risk management, and regulatory compliance.

Relevance in Environmental Science:

ESG's relevance in the field of environmental science is undeniable. By integrating ESG principles, researchers and environmental professionals can effectively address environmental challenges and promote sustainable practices. ESG enables the identification of environmentally responsible investments, technologies, and policies, facilitating the transition to a greener economy. Moreover, it encourages corporations to adopt environmentally friendly practices, reducing their negative ecological impact and promoting eco-innovation.

Conclusion:

The event conducted by Mr. Sagar Khanna at Nat West Bank proved to be an enriching experience for students from the EVS and Data Science departments. The comprehensive discussion on ESG provided valuable insights into its three dimensions: environmental, social, and governance. Additionally, the event shed light on ESG's relevance in environmental science, underscoring its potential to drive sustainable practices, conservation efforts, and the pursuit of a greener future. Overall, the event served as a catalyst for raising awareness and fostering a sense of responsibility towards ESG principles among the participants, equipping them with the necessary knowledge to make informed decisions in their respective fields.