

Report on World Environment Day 2021 and Release JBNB 05.06.2021

World Environment Day is celebrated every year on fifth of June. This year's World Environment Day is hosted by Pakistan, which advocates for urgent action to save our harmed biological systems. From woodlands to peatlands to coasts, we all rely on healthy environments to survive. Environments are defined as the interaction of living beings - plants, animals, and individuals with their environmental factors. This includes both natural and man-made structures such as urban communities and farms.

JBNB committee and Research Committee of B. N. Bandodkar College of Science (Autonomous) conducted Webinar on **World Environment Day** and release of JBNB: A multidisciplinary Journal.

I/C Principal Dr. M. J. Kolet delivered a welcome address. He informed the various activities planned by the Institute and various exercises to improve researcher's exploration inclination.

Dr. Pramod Bhagwan Salaskar, the Chief Guest and the Resource Person, performed the online inauguration of JBNB. Dr. Moitreyee Saha (Managing Editor, JBNB, Co-coordinator, Research Committee, and Head, Dept of Botany) then presented the theme of Special Issue Volume 11 of JBNB, a multidisciplinary journal. She offered a general summary of the e-journal, including the journal's landscape, author instructions, publication policy, archives, copyright and plagiarism agreements, and so forth.

Preservation and restoration is an interesting topic for everyone in society. A great number of us study this subject as if it were a course. In any event, there aren't many people who devote their lives to meandering and analysing the protection of common assets for what seems like an eternity. Dr. Pramod Bhagwan Salaskar, Founder and Secretary, Naushad Ali Sarovar, Samvardhini, Incharge, Dr. M.S. Kodarkar Field Station and Proprietor, Dharitree Enviro Research Center, Thane, conveyed the discussion on "Powai Lake – A Case Study of Lake Conservation" on 05th June 2021 Online Google Meet Platform 11.00 a.m.

Dr. Salaskar began his discussion on "Powai Lake" with a brief introduction of a guest by Dr. Ashwini Tilak. He began by outlining the experiences, geology, and significance of Powai Lake. He explains during his discussion of the Powai Lake's protection that he is motivated by a genuine concern for man's natural, aquacultural, and vacationer values. Perhaps the most critical steps toward protecting the lake are to re-establish the water's quality by controlling contamination through a variety of medicinal measures. This lake was designated as a National Lake Conservation Plan site by the Central Government.

Powai Lake, which is over 100 years old, is a typical example of natural corruption caused by development. Over the last ten years, the land in the catchment's region has been converted into an improvement zone, and numerous towns have sprung up there. As far as Powai Lake

is concerned, these enhancements are unfavourable. Because of siltation, infringement, and recovery, the absolute water spread and depth have decreased. An astonishing evening out of the hills around Powai Lake has happened as a result of the space advancement programme, resulting in severe soil disintegration.

According to Dr. Salaskar, research have shown that algal blooms can hurt people who come into touch with lake water as well as animals who consume water from such bodies. As a result, the presence of an algal bloom is considered detrimental. He explained “The algal bloom must be removed from the water before it has a significant impact on the fish,”.

Finally, he offers therapeutic strategies for the preservation of Powai Lake during his address, such as Educating children about water-related issues is a long-term strategy for achieving sustainable lake use. Ecological education communities located near wetlands, waterways, and other natural features raise public awareness of the component. Residents and other stakeholders should be encouraged to actively participate in identifying and resolving basic lake issues. Powai Lake security and surveillance 24 hours to prepare for the taking of fish and other acts of carelessness. By establishing nurseries, parks, and water sport demonstrations, the lake environment can be transformed into a more honest zone. To prevent further infringement, a limit divider was created after a thorough investigation. Distillation, Bio-Remediation, and other methods are being used to reduce lake contamination and improve water quality. Using a variety of strategies, such as fold entryways, the building of dhobi ghats and latrines, and watershed the board systems, to name a few.

Dr. Anita Goswami and Dr. Sudesh Rathod led the question and answer session. There were 49 people in attendance at this event.

After Dr. Sandeep Kahandal (Member Editor Board JBNN, Dept. of Chemistry) delivered the formal ‘Vote of Thanks,’ and the online celebration of World Environment Day and JBNN inauguration came to a close. Overall, the activities commemorating World Environment Day rekindled interest in environmental preservation and restoration among aspiring student scientists and teachers.

**Vidya Prasarak Mandal's
B.N.Bandodkar College of Science (Autonomous), Thane**

Research Committee presenting webinar on World Environment Day

**Powai Lake –A Case Study of Conservation of Lakes
&
Release of JBNB: A Multidisciplinary Journal, Volume 11**



**Resource Person:
Dr. Pramod Bhagwan Salaskar**

1. Founder & Secretary, Naushad Ali Sarovar Samvardhini, (Association for Lakes Conservation), Powai lake, Mumbai.
2. Incharge, Dr M.S. Kodarkar Field Station (Powai Field Station), Powai lake, Mumbai.
3. Proprietor, Dharitree Enviro Research Centre, Thane.

**Day & Date: Saturday
June 05, 2021
Time: 11:00 AM**

