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## Local Advisory Committee

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**Dr. D. K. Kakavipure**, Head, Dept. of Zoology, B. N. N. College, Bhiwandi  
**Dr. Vitthal Dandvate**, Head Dept. of Zoology Sathe College, Mumbai  
**Dr. Shantaj Deshbhratar**, Vice Principal, Bhavan's Somani College, Mumbai  
**Dr. Manda Mahtre**, Head Dept. of Zoology, CKT College, Panvel

### Convener

**Dr. (Mrs). C.T. Chakraborty**  
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### IQAC Co-ordinator

**Dr. Santosh Singh**

### Coordinator

**Dr. Shirley B. Agwuocha,**

### Dean, Faculty of Science

**Dr. Vijay Jadhav**

### The Academy of Environmental Biology

**Dr. Krishna Gopal**

### Organizing Secretary

**Dr. Vitthal T. Mohite**  
Head, Dept. of Zoology

### Bio Vision

**Prof. (Dr.) A.R. Gaikwad**  
Chairman

## Local Organizing Committee

**Dr. Gitesh Padhye**, Head, Department of Physics, TCSC  
**Dr. C.P. Shukla**, Head, Department of Botany, TCSC  
**Dr. Aparna Deshmukh**, Head, Department of Biotechnology, TCSC  
**Mr. Ashish Trivedi**, Co-ordinator, Department of Computer Science  
**Mrs. Anuradha Hait**, Head, Department of Mathematics, TCSC  
**Dr. Rupesh Yadav**, Asst. Prof. Department of Zoology, TCSC  
**Mr. Navnath Pawar**, Asst. Prof. Department of Zoology, TCSC  
**Dr. Tejas Patil**, Asst. Prof. Department of Zoology, TCSC  
**Mr. Pradeep Yadav**, Asst. Prof. Department of Zoology, TCSC

## Registration Fee

Online Registration will be done by following below Link:

<https://forms.gle/q5TEQpy3qrHZpAQ4A>

The registration fee may be sent by Demand Draft Drawn in favour of Organizing Secretary, Thakur college of Science and Commerce on or before 15<sup>th</sup> Jan. 2023. Money can be directly transferred through money transfer on A/C No.309018239595 IFSC: RATN0000448, RBL Bank, Thakur Village, Samtanagar, Kandivali (E), Mumbai – 400 101. Money transferred directly in the account should be intimated immediately via mail with details and the original receipt of payments must be retained for registration. Once the registration fees paid will not be refunded.

## ACCOMMODATION

Paid Accommodation will be provided with prior intimation till 20<sup>th</sup> of Jan. 2023 on the basis of availability.

### Fees of Conference

Delegates	Rs. 2000/-
Accompanying Person	Rs. 1500/-
Students	Rs. 1000/-
NGOs	Rs. 3500/-
Corporate Delegates	Rs. 4000/-
Corporate Stall	Rs. 5000/-



QR Code for  
Registration



QR Code for  
Payment

### For Further Detail contact:

**Dr. Rupesh Yadav** : +91 7972104416, +91 9403018881  
**Mr. Navnath Pawar** : +91 8208664015, +91 8698849833  
**Dr. Tejas Patil** : +91 9421988048, +91 7020331708

### For Further Information, Contact:

**Dr. Vitthal Mohite,**  
(Organizing Secretary)

Department of Zoology, Thakur College of Science & Commerce,  
Tel.: 022 2887, 28462565, Fax: 022-28868822  
Mobile No. : +919619519212, Email: nceb22.tcsc@gmail.com

Website : <http://nceb2022.tcsc.ac.in/>



University of Mumbai

*Thakur Educational Trust's (Regd.)*

**THAKUR COLLEGE OF SCIENCE & COMMERCE**

AUTONOMOUS COLLEGE PERMANENTLY AFFILIATED TO UNIVERSITY OF MUMBAI



Academic Year –2022-23

**CELEBRATING  
25 YEARS OF GLORY**

# National Conference on Environment and Biodiversity (NCEB-2022)

Date : 27<sup>th</sup> and 28<sup>th</sup> Jan. 2023



## Department of Zoology

In collaboration  
with

**Academy of Environmental Biology, Lucknow,  
Bio Vision Charitable Trust, Maharashtra**

&

**National Institute of Wind Energy, Chennai**

Website : <http://nceb2022.tcsc.ac.in/>



## TCSC



On the precious occasion of the Silver Jubilee Year of Thakur College of Science & Commerce, Kandivali East, Mumbai, Department of Zoology is organizing a National Academic event. On behalf of the organizing committee we are pleased to welcome you for National

Conference. This two-day event has been specially designed for upcoming researchers, renowned scientists from different areas of biological sciences, Public health workers, environmentalists, professionals, industrialists, policy makers and community leaders around the world. The conference will feature plenary lectures, invited talks and contributed paper presentations (Both Oral and Posters). The objective of the conference is to share the knowledge and experience among the researchers which will contribute to update the awareness about environmental issues, biodiversity conservation strategies, sustainable development and various areas covered in the conference.

### About The College

Thakur College of Science & Commerce (TCSC) is institute established in 1997 with glorious track record of achievements in the field of Academics, Sports, Cultural, Research and other extra-curricular activities. It is affiliated to the University of Mumbai and has currently more than 16000 students on its roll at Junior & Degree level. It is committed to quality education that is reflected in its state of art infrastructure, well equipped laboratories, closely monitored administration and excellent academic ambience. College has established full-fledged research centre to provide students and teachers, an equal and exclusive ambience for research activities of their choice. The college also encourages the faculty members to take up Industrial consultancy and R&D Projects pertaining to their respective fields. Thakur College of Science & Commerce is honored by Government of Maharashtra as a Pride of Maharashtra for the year 2022 and Best college award by University of Mumbai for the academic year 2018-19. College has been Accredited with Grade 'A' (3rd Cycle) by NAAC and is adopting the ISO 9000:2015 (Certified) quality management systems.

### About the conference

Our planet earth is a marvelous component of the solar system endowed with rich diversity of life having ability to sustain itself. Millions of beautiful and intriguing species have populate the various habitats on earth and are suitably adapted the varied environmental conditions existing. Drastic changes have been reported since last half century that has impacted biodiversity and global climate changes. Climate change may be expressed as a change in statistical properties of the climatic system considered for long duration regardless of causes. Climatic change has become the concern of everybody, because it has brought about severe and possibly permanent derogative alterations to our planet's geological, biological and ecological systems. A changing climate thus affects the prerequisites of population health: clean air, water, sufficient food, natural constraints on infectious disease agents and the adequacy and security of shelter. This is high time to put our heads together to discuss the consequences and the impacts of the climate change and make congregated efforts to take corrective actions. The innovative sustainable technology may be the probable solution to tackle climatic changes. The collective action is anticipated as it enhances the efficiency to face the current situation. Onus lies on each and every inhabitant of earth. Present endeavor is a small step towards the attainment of the said goal.

## The Academy of Environmental Biology (AEB)

The Academy, established in 1978, it's Memorandum and the Constitution registered under Societies Registration Act 21, 1860, is an autonomous organization open to everyone who has a scientific, technological, practical interest and inclination in the field of Science and Technology, Environmental Pollution, Occupational Health and Toxicology. It is basically a forum where scientists and young researchers effectively interact once in a year and co-operate in efforts to review and update their research, to explore research priorities, to prevent further deterioration of environment and to provide inputs to the Governmental agencies to safeguard the ecosystem and the health of mankind.

### Bio Vision Charitable Trust, Phaltan

The newly established (By Zoology Alumni of Mudhoji College, Phaltan) Bio Vision Charitable Trust is a Nonprofit Organization working towards education, research & various scientific programmes which includes workshops, seminars, conferences, campaigns etc since its establishment. It offers scholarships, stipends/ subsidies to the needy/ deserving students. It also honours the deserving talents and activities from diverse scientific fields with various awards.

### National Institute of Wind Energy

NIWE, Chennai established by the Ministry of New & Renewable Energy (MNRE) Govt. of India in 1998 is an autonomous R & D institution It is knowledge based institute of high quality & dedication, offers services & seeks to find complete solution for the kinds of difficulties & Improvements in the entire spectrum of the Wind energy sector by carrying out further research. It has a Wind Turbine Test Station (WTTS) at Kayathar with the technical & practical financial support by Govt. of India & Denmark.

National Institute of Wind Energy is meant only for wind energy technology, research organizations in Asia. It is a young organization with highly experienced professionals and expertise in all fields of wind turbine technology. This unique combination makes it a forward looking & prachcalo place that will take the logical steps in taking wind applications in the right directions, with its open approach to all wind energy related Science & technology. You can ensure to get all the assistance, resources assessment & project implementation.

### Aims and Objectives of Conference

- To bring national environmentalists under one Umbrella.
- To discuss the varied environmental issues.
- To share the ideas about the environmental conservation at Local and National level.
- To increase the awareness about global climate and the fluctuations caused so far.
- To bring environmental NGOs under one Umbrella.
- To facilitate the propagation of sustainable technology and its emergence at individual level to enhance the sharing of the same at national level.
- To increase people's participation in conservation of the environment.

Proposed Topics

## Theme of the Conference

- Climate Change & Biodiversity
- Role Of Developed & Developing Countries In Climate Change
- Pollution & It's Effect On Biodiversity
- Global Warming & Monsoon Pattern
- Modern Trends In Taxonomy
- Agriculture, Pollution & Toxicology
- Aquatic Biology & Fisheries
- Renewable Energy & It's Role In Sustainability
- Cell & Molecular Biology
- Eco Industry & Eco-tourism
- Ozone Depletion Reason & Effects
- Green Chemistry
- Carbon Credit
- Climatic Change And Topography Of Earth

### Keynote Speakers



**Prof. (Dr) A.D.Sawant**, a well known Inorganic, Nuclear, Analytical and Environmental Chemistry scientist has prolific teaching and research career. Due to his academic and administrative exactness, he was roped in by Govt as Joint Director of Higher Education, Pro Vice Chancellor of Mumbai University and finally as Vice Chancellor of University of Rajasthan.



**Dr. Baban Ingole** is a Scientist at National Centre for Polar & Ocean Research, Vasco Goa-403804 India. (Formerly: Chief Scientist & Head, Biology Division, CSIR-NIO,Goa) As a Marine Biologist, He has been working on the Coastal and Deep Sea Benthic Ecology and Biodiversity since 1981. He is involved in the Global Census of Marine Life program and aware of the international requirements as such as Marine Protected Area Management, Biodiversity.



**Mr. Virendra Tiwari**, a dynamic officer from the Indian Forest Service (1990 batch), took the baton of running the Mangrove Cell as Additional Principal Chief Conservator of Forests and an ex-officio Executive Director of the Mangrove Foundation.



**Dr.Varad Giri** is presently working as Senior Scientist with Reliance Foundation. Worked with BNHS, Mumbai and NCBS, Bangalore on various positions. Published 60 scientific papers and described 56 new species of amphibians and reptiles from India. One genus of land snail, three species of lizards and one species of snake is named after him.



**Dr. Deepak Apte** is currently Managing Director at Srushti Conservation Foundation (SCF). His key areas of expertise are Marine and Coastal Biodiversity, Integrated Coastal Zone Management, Coastal Regulation Zone, Climate Change and Land Degradation and Nature Conservation Related Policies. He has completed 28 years' service at Bombay Natural History Society prior to joining as Executive Director of SCF.

### Call for the Abstract

The abstract should outline the Objective, Scope and the Result of the paper. It should include the title, author's name mailing address and affiliation. The abstract should not be more than 300 words. The abstract has to be typed in Times New Roman font, 12 size and with 1.5 line spacing. The Abstract (.docx Format) will be send to nceb22.tcsc@gmail.com. The abstract will be accepted on the understanding that the main author or co-author will personally attend the conference and present the paper. The acceptance of the abstract for the oral or poster presentation will be communicated to the presenting author by 15<sup>th</sup> Jan. 2023. No abstracts will be considered without registration fee. Authors are requested to submit the full length paper of the accepted abstract on or before 10<sup>th</sup> Jan. 2023. Full length paper will be published in peer-reviewed Journal (with extra cost) and will be communicated to the respective authors.