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Important Days and Dates:

First Preparatory workshop	November 28th 2024
Second Preparatory	December 13th 2024
Date of Conference	February 14 and 15, 2025
Last Date for submission of Abstract	January 29th, 2025
Last Date for submission of Full-length Paper	February 05th, 2025
Last Date of Registration	On or before 2nd January 2025

Registration Charges

Details	On or before	Spot registration
Students	Rs.1000	Rs.1500
Academic delegates	Rs.2000	Rs.2500
Industry/Professional/NGO's	Rs.3000	Rs.3500
Participation outside India	US \$ 100	US \$ 150
Virtual /Online presentation	Rs.1000 \$ 50	Rs.1500 \$ 100

Registration Fees: The registration fees include Entry to the Conference, Kits, Breakfast, Lunch, Printed Materials, and Access to the Scientific Session of the Conference days.
Bank details and account number.

Online payment:

Name of Account Holder : B. N. Bandodkar College of Science
Name of Bank : Bank of India
Bank Account No. : 004310100036061
IFSC Code : BKID0000043
Branch : Shivaji Path, Thane

Note: Please send scanned receipt of online payment via G-Form

Registration Link : <https://forms.gle/E43s8amamBbYvUit9>

Accommodation: Accommodation for outstation delegates would be made available on prior request only. The charges for the same would have to be paid separately. Registration charge is inclusive of conference and two preparatory workshops.

For more information contact persons as follows

1.	Rahul Ozare	9226918709	ecopulse25@vpmthane.org
2.	Dr. Jayshri Jagtap	9167963928	ecopulse25@vpmthane.org

Conference Venue: The conference will be conducted in Thorale Bajirao Peshawe Sabhagraha, "Jnanadweep", Thane College Campus, Thane (West), Maharashtra, India.

About Thane: Thane City is part of the Mumbai Metropolitan Region. Thane is 34 km from Chhatrapati Shivaji Maharaj Terminus, Mumbai. It has a population of almost 1.8 million within its municipal boundaries. Its culture is largely Maharashtrian, yet it also has multiculturalism characteristics. Thane is an ancient city. The earliest proof of Thane may be found in the writings of the Greek geographer Ptolemy (135 - 150 AD), who refers to a place called Chersonesus, which experts believe is the area surrounding Thane Creek. During the 13th century, it was an active port that traded and exported leather, buckram, cotton, and imported horses. Thane was controlled by Rastrakutas (Sanskrit: राष्ट्रकूट *rāṣṭrakūṭa*) and its feudatory Shilaharas from the 8th to 12th century, followed by Yadavas, Gujarat Sultans, Portuguese, and finally British till 1947. The first passenger train in India started at Thane. On April 16, 1853, the first passenger rail service was inaugurated between Chhatrapati Shivaji Maharaj Terminus (formerly Victoria Terminus) and Thane. Thane is also known as The City of Lakes. Currently, the city contains roughly 12 lakes.

Local climate: Temperature: 22 °C-36 °C Occasional showers are forecast, and the humidity is around 85%.



Announcement

Vidya Prasarak Mandal's

B. N. BANDODKAR COLLEGE OF SCIENCE,
(AUTONOMOUS), THANE



ठाणे महानगरपालिका



National Conference On

"Eco Pulse: Monitoring Beats of Ecosystem"

Organized by
Department of Botany

In Collaboration with

Thane Municipal Corporation, Thane

VENUE

Thorale Bajirao Peshwe Sabhagraha,
Thane College Campus,
Thane (W) - Maharashtra.

DATE

February
14 & 15, 2025.

Preamble

In modern times, hosting scientific conferences is essential for information dissemination. As a developing country, India has emerged as a global leader in science and technology, owing to a long history of scientific inquiry and technical growth extending back to ancient times. India has made great progress, establishing multiple research institutes, institutions of higher learning, and technical education institutions. The Department of Science and Technology (DST), Ministry of Earth Sciences, Council of Scientific and Industrial Research (CSIR), Indian National Science Academy (INSA), University Grants Commission (UGC), and Medical Council of India (MCI) have all played important roles in supporting scientific endeavors and fostering a scientific mindset.

With great pride and pleasure, VPM's B. N. Bandodkar College of Science (Autonomous), Thane, in collaboration with the Ministry of Earth Sciences, Government of India, cordially invites you to the National Conference, "Eco Pulse: Monitoring Beats of Ecosystem." This conference intends to address emerging concerns through active connections among scholars and researchers, offering a shared forum for discussion and cooperation.

The Indian government has played a significant role in developing scientific research and tackling major environmental concerns by investing in atmospheric sciences, oceanography, and earth sciences. The conference will bring together academics, educators, and industry leaders to discuss cutting-edge achievements in various scientific areas. The program will include keynote addresses, plenary sessions, oral and poster presentations, invited sessions, and workshops.

For more details about the conference, please visit <http://vpmthane.org>. We look forward to welcome you to Thane and hope you will take advantage of the many opportunities to explore its surroundings. We appreciate your participation in "Eco Pulse: Monitoring Beats of Ecosystem."

About the Organizer

Vidya Prasarak Mandal (VPM), Thane, is an educational trust established to provide educational facilities to the city of Thane. Founded in 1935, VPM has grown into a significant educational institution serving around 15,000 students across various disciplines, including law and polytechnic studies, from kindergarten to post-graduation. Recently, VPM has expanded its reach by setting up an engineering college in Velneswar, Guhagar Taluka, Ratnagiri District, Maharashtra.

Ours is the only single-faculty Science College providing quality higher education since 1969 in Thane district and vicinity. Accredited from NAAC with 'A' grade of 3.21 the college is recipient of many awards and accolades. Recognised as the Best College by the University of Mumbai the college is a recipient of FIST Grant and Special Commendation Certificate from RBNQA. Recently the college has received two awards and a cash Prize for its contribution to the area of environment conservation by Thane Municipal Corporation under the scheme of Majhi Vasundhara by the Government of Maharashtra and a winning trophy for the Nukkad Natak competition on beach cleaning organized by the Ministry of Environment Forest and Climate Change, Government of India

For the academic enrichment of the learners, the college has been conducting annual conferences for the past 24 years. Continuing the endeavor this year's conference theme is Creating environmental consciousness and sustainability for the young generation.

The Department of Botany, at VPM's B. N. Bandodkar College of Science (Autonomous) in Thane is committed to delivering higher education to urban and rural youth by offering programs B.Sc., M.Sc., and Ph.D. in Botany. The department is well-equipped and has a large network of graduates who thrive in academia and industry. The Department of Botany is hosting a two-day national conference entitled "Eco Pulse: Monitoring Beast of Ecosystem" on February 14th and 15th, 2025.

Aim

To address significant environmental and resource management concerns by incorporating scientific and technological developments into sustainable development and conservation efforts.

Conference Objectives

1. Discuss the challenges of maintaining and managing rivers, ponds, and wetlands, emphasizing biodiversity and ecological health.
2. Explore advances in atmospheric science, ocean resources, and hydrology to better understand and manage the environmental consequences of climate change.
3. Encourage green chemistry, biotechnology, and material science to reduce pollution and improve industrial and agricultural operations.
4. Use IT-based modeling, remote sensing, and geoinformatics to improve environmental monitoring, management, and policy formulation.
5. Evaluate and improve best practices for coastal and marine resource management, such as climate adaptation, energy technology, and disaster management.

The Conference will broadly encompass the following themes:

- Agrobiodiversity and Sustainable Agriculture
- Aquaculture and Sustainable Fisheries
- Biodiversity Conservation and Traditional Knowledge
- Climate Change and Agriculture Productivity
- Environmental Laws, Policies, and Governance
- Environmental Pollution and Safety
- Environmental Toxicology and Health Hazards
- Hydrobiology and Freshwater Ecosystems
- Sustainable Use of Medicinal Plants
- Urban and Rural Water Management
- Waste Management and Circular Economy
- Agro-dairy Chemistry
- Bioelectronics
- Bioinstrumentations
- Data Analytics in Public Health and Education
- Environment Law
- Environment Modeling & Remote Sensing,
- Exploring the Potential of Renewable Energy
- Food and Science,
- Green Chemistry in Daily Life
- Industrial Chemistry
- IT Based modelling, Biosensor
- Phytochemistry
- Science Communication and Public Awareness
- Socioeconomic issues, Energy issues
- Statistical Data Analysis in Local Communities
- Tourism and Urban Planning
- Urban and Rural Water Management
- Water Resources,

The Ecopulse25 conference encourages research submissions from all scientific disciplines, including Microbiology, Biotechnology, Botany, Zoology, Chemistry, Physics, Biochemistry, Mathematics, Statistics, Information technology, Agriculture, Healthcare and Humanities. Participants can explore applied aspects of sustainability, health, technology, environmental challenges, and community engagement, fostering innovative solutions for a better future.

Importance of the Conference

This meeting is critical for discussing important environmental and scientific concerns. It will prioritize protecting agrobiodiversity to provide food security and resistance to climate change. The relationship between climate change and agriculture will be investigated to create adaptive solutions for preserving agricultural production. Addressing environmental pollution is critical to safeguarding ecosystems and human health. Coastal zone management talks will focus on balancing economic growth and ecosystem conservation. Geoscience and seismology advancements will be presented as ways to improve disaster preparedness and mitigation. Biodiversity protection will be a key theme, to maintaining natural balance and protecting species. Finally, green chemistry and technology will be investigated for their role in reducing harmful emissions and encouraging sustainable industrial practices.

Call for Abstract

1. The abstract should be in English.
2. The author should submit original research work that is not presented elsewhere.
3. Abstract is to be sent by email to the ecopulse25@vpmthane.org
4. Use MS Word Processor (preferably MS Word 2007/2010).
5. The page layout should be Size: A4, Orientation: Portrait, Margin: Left: 1.5" and 1" on all other sides, Font: Times New Roman, Spacing: Single line.
6. The title should be bold 12 points with central alignment and should not be more than two lines.
7. Type the author's name in 11 points in bold with central alignment. Underline the name of the presenting author.
8. Do not include any salutation while writing the author's name.
9. Write the affiliation of the authors in normal 10 points with central alignment.
10. Type the e-mail ID of the corresponding author in the next line without mentioning the side heading in the normal 10 points.
11. Type abstract in normal 11 points with left and right justification.
12. The word limit is 250 words.
13. The Abstract should highlight a brief account of the research and results.
4-5 keywords should be given at the end of the abstract in 11 points bold. The author must follow the given format. The papers which do not adhere to the said format shall not be considered for presentation.

Full-length papers: Each manuscript will undergo a standard scientific review process before being accepted. The accepted papers will be presented at the Conference and published either in the Conference Proceeding Book or in the special issues of the journal depending upon the decision of reviewers.

Submission of Manuscript: The manuscript should be typed on an A4 size (11.69" X 8.27") file with a proper margin of 1.5" on the left and 1" on all other sides. The manuscript should be in Times New Roman with a font size of 12 points and double space. The word limit for the manuscript is 2500.

The main portion of the paper should be divided into title, abstract, keywords, introduction, materials and methods, results or results with discussion together, and references.

Tables and figures must be cited sequentially in the text. The figure should be abbreviated to Fig, except at the beginning of sentences when the word figure should be written out in full. The tables should be typed on separate sheets bearing a short title preferably in vertical form.

References should be kept to a minimum and APA style.

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