



ରାବେନ୍‌ସାଉ ବିଶ୍ୱବିଦ୍ୟାଳୟ
RAVENSHAW UNIVERSITY
"The Temple of Learning"



16th INTERNATIONAL CONFERENCE on Vector Borne Diseases: Innovations to Impact

VBD: I² - 2025

FEBRUARY 17 – 19, 2025

Under the auspices of
Centre of Excellence for Environment & Public Health
Department of Zoology, Ravenshaw University, Cuttack
&
National Academy of Vector Borne Diseases (NAVBD)
www.16vbdcuttack.org

Venue
Seven Pillars of Wisdom
(Convention Centre)



RAVENSHAW UNIVERSITY AT A GLANCE



RAVENSHAW UNIVERSITY

Invitation

Dear Colleagues,
Warm Greetings!

It is with great pleasure that we extend a cordial invitation to you to participate in the International Conference on Vector Borne Diseases: Innovations to Impact (VBD: I² - 2025) and the 16th Annual Meeting of the National Academy of Vector Borne Diseases (NAVBD), organized by the Department of Zoology, Ravenshaw University, Cuttack. This event will be held from 17th to 19th February 2025 at the Seven Pillars of Wisdom (Convention Centre), Ravenshaw University, Cuttack.

Vector Borne Disease is a multidisciplinary field covering epidemiology, entomology, microbiology, immunology, environmental science, and public health, as well as the molecular mechanisms and clinical practices that influence human health. VBD: I² - 2025 aims to bring together professionals from biomedicine, academics, scientists, researchers, clinicians, and industry experts working in vector control, microbiology, immunology, and public health to exchange and share their experiences and research findings. The conference will also provide an interdisciplinary platform for presenting and discussing recent findings, innovations, trends, challenges, and practical solutions in the field of reproductive health.

Key themes will include:

- ◆ Epidemiology & Disease Burden
- ◆ Emerging/Re-Emerging Vector Borne Diseases
- ◆ Drug Resistance & New Drugs/Diagnostics
- ◆ Vector Biology & Control
- ◆ Insecticide Resistance & Management
- ◆ Modern Biology: Immunology, Genetics, Genomics, Transcriptomics, Proteomics, Metabolomics and Computational Biology
- ◆ Implementation Research on VBD Control/Elimination

The scientific program will feature Keynote Addresses, Plenary Lectures, Invited Talks, Panel Discussions, Poster Presentations, and opportunities to engage with leading researchers and industry experts. This conference provides an excellent platform for students at the B.Sc., M.Sc. Ph.D., MD, DNB, and B.Tech. levels to interact with senior scientists, clinicians, and public health experts, and to present their own research to a distinguished international audience. We eagerly look forward to your participation and timely response.

We eagerly look forward to your participation and timely response.

Best regards,

Prof. Luna Samanta
Convener, VBD: I²-2025

Prof. A.P. Dash
President, NAVBD



THE CONFERENCE

Vector borne diseases (VBDs) have not only adversely affected the health of the people but also impeded overall socioeconomic development. Some of these diseases are fatal if not treated, while others cause morbidity and few diseases can even leave patients disfigured and disabled. Eighty percent of world's population is at risk of one or more VBDs. These diseases account for 17% of the estimated global burden of all infectious diseases. Over 700,000 deaths are caused by VBDs. The National Academy of Vector Borne Diseases (NAVBD) convenes national and international seminars, symposia, and workshops to exchange knowledge on recent advances in the field of vectors and vector-borne diseases and raise public awareness. The 15th Conference in the series on “Vectors and Vector Borne Diseases” (VBDCON-15) was organized jointly by the Goa University, National Institute of Malaria Research (NIMR) Field Unit, Goa and National Academy of Vector Borne Diseases (NAVBD) from 15th to 17th February, 2023 at Goa. The 16th conference scheduled to be held from 17th to 19th February, 2025 will be organized jointly Ravenshaw University, Cuttack and National Academy of Vector Borne Diseases (NAVBD) at Seven Pillars of Wisdom (Ravenshaw University Convention Centre). The 16th Conference will cover all aspects, from basic to applied and operational aspects of vector-borne diseases with a special focus on VBDs targeted for elimination. The main theme of the conference is **“Vector Borne Diseases: Innovation to Impact”**. The conference will provide a platform for students, academics, scientists, professionals from pharmaceuticals to industries and above all, the community to join hands in the fight against the scourge of vector-borne diseases.

NATIONAL ACADEMY OF VECTOR BORNE DISEASES

The National Academy of Vector Borne Diseases (NAVBD) was established under the Society Registration Act XXI of 1860 (Registration No: 19767/199 of 1994-95) in 1994. The Academy is a nonprofit making professional organization dedicated for (a) advancing and promoting knowledge on vectors and vector-borne diseases, (b) encouraging scientists and members of the academy to undertake research on vectors and vector-borne diseases and assisting them as and when possible, (c) foster fraternity among the members of the academy, (d) hold national and international seminars/ symposium/workshops to exchange knowledge on recent advances in the field of vectors and vector-borne diseases, (e) publish proceedings/newsletters to disseminate the knowledge on vectors and vector-borne diseases and (f) create awareness on vectors and vector-borne diseases and their control among the general public.



RAVENSHAW UNIVERSITY

Ravenshaw University, founded with the vision of spreading the light of learning and guided by the motto Jnanameva Shakti (Knowledge is Power), remains deeply committed to preserving its status as a revered “temple of learning.” Established after the 1866 great famine, it played a crucial role in resisting colonialism, driven by a radical libertarian ideology. Over time, its legacy has become intricately linked with the history of modern Odisha, dedicated to honoring its rich heritage while embracing transformation. The university envisions itself as a hub for higher education, welcoming students from diverse social and economic backgrounds, and helping them channel their passions toward creating a better world. To fulfill this vision, Ravenshaw University has adopted three guiding principles - coordination, hierarchy, and functional differentiation - to maintain unified goals. With efficient academic governance and robust infrastructure, the university aims to produce human resources that meet the evolving demands of knowledge on a global scale. Since its transformation from a college to a state public university in 2006, Ravenshaw University has earned an A++ grade in its second NAAC cycle, with a CGPA of 3.58. As a teaching and research institution, it continues to deliver high-quality education at the UG, PG, and Ph.D. levels, significantly contributing to the national education mission. While four departments namely, Zoology, Botany, Chemistry and Geology are recognized under DST-FIST support, the undergraduate wings of the Zoology, Botany, Chemistry and Physics are under the DBT-STAR College program. The department of Economics is awarded the status of Centre for Advanced Studies. With a vision to create progressive, sustainable communities through a holistic and inclusive approach, environment and health are chosen as areas of prime importance and working towards addressing the unmet needs of the state this center was proposed. The proposal was accepted for funding by the Higher Education Department, Government of Odisha under World Bank Assisted Odisha Higher Education Project for Excellence and Equity (OHEPEE) and formally inaugurated on 26th January, 2018. The center is multidisciplinary, includes the inputs from all four collaborating natural science departments, i.e., Physics, Chemistry, Botany and Zoology.



150 Years and Beyond

Impacting “life worlds” and reconnoitering inherited norms since 1868



CUTTACK: A Glimpse of Heritage and Significance

Cuttack, is an anglicized form derived from the Sanskrit Kataka (capital, fort, or military establishment), literally meaning the fort in reference to the historic Barabati Fort. Once the capital of Odisha, it was replaced by Bhubaneswar in 1949, though both cities are now known as the twin cities of Odisha. Geographically, Cuttack lies between 20° 03" to 20° 40" N latitude and 84° 58" to 86° 20" E longitude, flanked by the Mahanadi River to the north and the Kathajodi River to the south. Despite the capital shift, Cuttack remains the business capital of Odisha, housing the Odisha High Court, State Police Headquarters, and the ICAR-National Rice Research Institute. Known for its silver filigree craftsmanship and Khandua handloom, Cuttack combines tradition with modernity. The city also boasts the title of "Museum City of Odisha," featuring the Netaji Subhas Chandra Bose Birthplace Museum, State Maritime Museum, Ananda Bhawan Museum & Learning Centre, Museum of Justice, and Odisha Printing Museum. Key attractions include the ruins of Barabati Fort, Katak Chandi shrine, Quadam-i-Rasool, and Swaraj Ashram.

How to Reach Bhubaneswar / Cuttack: Cuttack and Bhubaneswar, known as the twin cities of Odisha, are 26 km apart. Cuttack has a major railway station with connections across India, while Bhubaneswar, well-connected by air, rail, and road, also hosts the nearest international airport.

CONFERENCE THEME

Vector Borne Diseases: Innovation to Impact

Sub-themes

1. Epidemiology
2. Diseases targeted for elimination
3. Diagnosis and case management
4. Drug resistance and new drugs/diagnostics
5. Modern Biology: Immunology, Genetics, Genomics, Transcriptomics, Proteomics, Metabolimics and Computational Biology
6. Vector Biology, Surveillance and Control
7. Insecticide Resistance and Management
8. Other Aspects related to Vectors and Vector-Borne Diseases



GUIDELINES FOR ABSTRACT SUBMISSION

- ◆ ONLY registered participants are allowed to submit abstracts.
- ◆ Abstracts should only be submitted online for oral and poster presentation (www.16vbdcuttack.org).
- ◆ Abstracts should be based on the theme of the conference or related areas.
- ◆ The Abstract should be around 300 words
- ◆ **Title Font:** Times New Roman Bold, Font size: 12pt
- ◆ **Author/s name:** Surname followed by initials with space and without points between surname and initials. If authors are more than one then name should be separated by coma (Example: Mohanty A, Kerkar S and Garg).
- ◆ **Affiliation:** Authors name should be followed by institutional affiliation If more than one institute is involved it should be indicated by superscript roman numerals.
- ◆ **Presenting author** should be indicated by *
- ◆ Please indicate the **subtheme** of your abstract at the top right-hand corner in 10 font size
- ◆ **Main text Font:** Times New Roman, Font size: 12pt
- ◆ After submitting your abstract, you will receive an email with your **ABSTRACT ID**. Acceptance letter to the selected abstracts will be notified within a week.
- ◆ If you encounter any problems during the submission process or you do not receive any confirmation by email, please contact the Conference Organizers at at navbd2025ctc@gmail.com

REGISTRATION

The registration fees include access to all scientific sessions, refreshments during session breaks, working lunch, an official dinner (if any) and a conference kit. However, accompanying persons are not entitled for a conference kit. All Registration fees will be payable in INR (Indian Rupees) or US\$.

Category	Registration Before 31.11.2024	Registration 01.12.2024 to 31.01.2025	Spot Registration
Student	Rs 1500.00	Rs 2500.00	Rs 2750.00
Indian Delegates	Rs 5000.00	Rs 6500.00	Rs 7000.00
Accompanying Person	Rs 2000.00	Rs 3000.00	Rs 3500.00
Life Member of the Academy	Rs 2000.00	Rs 3000.00	Rs 3500.00
Accompanying Person	Rs 1500.00	Rs 2000.00	Rs 2500.00
Foreign Delegates	US\$ 350.00	US\$ 450.00	US\$ 500.00
Accompanying Person	US\$ 300.00	US\$ 300.00	US\$ 350.00

Note: Student delegates should carry their student identification Card (ID) with photograph on it.



MODE OF PAYMENT

1. The registration fee will be accepted in the form of DD drawn in favour of “VBD-I²-2025” payable at Cuttack. Please mention your Name, affiliation and Mobile number on the reverse of the DD and send to the Convener at the following address.

Prof. Luna Samanta, Convener, VBD-I² - 2025
Centre of Excellence for Environment & Public Health
Ravenshaw University, Cuttack - 753003

2. Online transfer facility for paying fees directly in to the conference account.

Account Name : Ravenshaw University VBD-I²-2025
Account number : 923010022420401
Bank name : Axis Bank
Branch ID : 1072
IFSC : UTIB0001072
Address : Kabita Bhawan, 1st Floor, College Road
Cuttack, Orissa, Pin 753003:
SWIFT code : AXISINBB091

REGISTRATION FORM

1	Name	
2	Date of Birth	
3	Gender	
4	Designation and Affiliation	
5	State / Province	
6	Postal Address	
7	Country	
8	Passport Number& Adhaar Number.	
9	Email Id	
10	Phone (Mobile and / or Landline)	
11	Registration Fee (USD / INR)	
12	Accommodation Request (Yes / No)	
13	Accompanying Person (Yes / No)	
14	Category of Hotel& Approximate Range	
15	Demand Draft / Online payment receipt Number	



ACCOMMODATION

Accommodation charges (single occupancy) will be as follows

No.	Category	Price (in INR + TAX)
1.	Students	1000.00
2.	Budget Hotel	2000.00 –4000.00
3.	Category B	4000.00 –5000.00
4.	Category A	5000.00 – 6500.00
5.	Luxury Hotel	6500.00 + and above

Different hotels have been tied up for conference. Details shall be available on our NAVBD website in 1st October 2024. Participants may directly book the accommodation mentioning **VBD:I²-2025** through the link provided.

Name of the Hotels: (Any one can visit the site and book)

Cuttack	Bhubaneswar
Pramod Convention & Club Resort	ITC Welcome
Pal Heights Mantra	Vibanta
Hotel Bombay Inn (Budget hotel)	Hotel Mayfair Lagoon
Hotel Ashoka (Budget hotel)	Swsti Premium
Blue Lagoon Premium Hotel (Budget hotel)	Hotel Trident
Hotel Grand Residency (Budget hotel)	Hotel Crown
Pipul Padmaja Pride (Budget hotel)	Swosti Plaza
Hotel Sheetal (Budget hotel)	Lemon Tree
	Lyfe Hotel
	Stalwart Jajati (Budget hotel)





NAVBD AWARDS



**OUTSTANDING RESEARCHERS WILL BE HONORED WITH THE
FOLLOWING AWARDS AT THE CONFERENCE.
NOMINATIONS ARE INVITED FOR THE FOLLOWING AWARDS**

1. National Academy of Vector Borne Diseases Awards (Three Awards)
 - ◆ For works related to environmental aspects
 - ◆ For works related to molecular biological aspects
 - ◆ For works related to clinical aspects
2. Shri Vivek Singhal Biotechnology Award: This prize is meant for a Scientist working in India who has made an outstanding contribution in the field of biological control of vectors.
3. Nand Lal Kalra Award: INR 20,000 cash prize to Scientist with significant contribution in the area of “Field Entomology”.
4. Dr Har Gopal Sharma Award: INR 20,000 cash prize to Scientist with significant contribution in the area of “Clinical /Parasitological Aspect of Vector borne Diseases”

Nominations/Applications with full Bio data of nominee and relevant information may please be sent to the following address so as to reach them on or before 31st December, 2024.

For Awards in Sl No1: Dr. M R Ranjit, Secretary General, National Academy of Vector Borne Diseases. Email: ranjit62@gmail.com

For Awards Sl No 2-4: Dr. Neena Valecha, Vice President, National Academy of Vector Borne Diseases. Email: neenavalecha@gmail.com

In all cases a soft copy of the nominations must be mailed to: NAVBD2025CTC@gmail.com

MARK YOUR CALENDAR

- | | |
|--------------------------------|---|
| ◆ Registration Closes | : 31 st December, 2024 |
| ◆ Registration opens | : 01 st November, 2024 |
| ◆ Abstract Submission Closes | : 20 th December, 2024 |
| ◆ Confirmation of Acceptance | : 27 th December, 2024 |
| ◆ Accommodation Request Closed | : 15 th January, 2025 |
| ◆ Nomination for awards | : 31 st December, 2024 |
| ◆ Conference | : 17 th -19 th February, 2025 |



150 Years and Beyond

Impacting “life worlds” and reconnoitering inherited norms since 1868



ORGANIZING COMMITTEE



Patron

- ◆ Prof. Sanjay Kumar Nayak, Vice Chancellor, Ravenshaw University, Cuttack - 753003

Chair

- ◆ Prof. Luna Samanta, Chairperson Post-graduate Council. Ravenshaw University, Cuttack

Conveners

- ◆ Prof. Lipika Patnaik, Department of Zoology, Ravenshaw University
- ◆ Dr. Dipti Raut, Head of the Department, Zoology, Ravenshaw University

Organizing Secretaries

- ◆ Dr. Srikanta Jena, Department of Zoology, Ravenshaw University
- ◆ Dr. Dhanajay Soren, Department of Zoology, Ravenshaw University

Organizing joint secretaries

- ◆ Dr. Hongray Howrelia Patnaik, Department of Zoology, Ravenshaw University
- ◆ Dr. Jasmine Nayak, Department of Zoology, Ravenshaw University

Treasurers

- ◆ Dr. Soumya Ranjan Jena, Department of Zoology, Ravenshaw University
- ◆ Dr. Amrita Swain, Department of Zoology, Ravenshaw University

Local Organizing Committee

- ◆ Dr. Pabitra Mohan Behera, Department of Zoology, Ravenshaw University
- ◆ Dr. Sai Aparna, Department of Zoology, Ravenshaw University
- ◆ Dr. Swapna Sarika Khadenga, Department of Zoology, Ravenshaw University
- ◆ Dr. Tanmaya Rani Sethy, Department of Zoology, Ravenshaw University
- ◆ Ms. Jayashree Prusty, Department of Zoology, Ravenshaw University
- ◆ Mr. Sarthak Sekhar Sahoo, Department of Zoology, Ravenshaw University
- ◆ Mr. Rajat Subhra Jena, Department of Zoology, Ravenshaw University
- ◆ Mr. Satyam Arya, Department of Zoology, Ravenshaw University

National Advisory Committee

- ◆ Padma Shri Prof. Priyambada Mohanty Hejmadi, Former Vice Chancellor, Sambalpur University
- ◆ Padma Shri Prof. A P Dash, President NAVBD.
- ◆ Dr. Sanghamita Pati, Director ICMR-RMRCBB and ADG, ICMR, New Delhi
- ◆ Dr. Aparup Das, ICMR-National Institute for Research in Tribal Health (NIRTH), Jabalpur
- ◆ Dr. Anup Anvikar, Director, ICMR-NIMR, New Delhi
- ◆ Dr. Pradeep Kumar Panda, Dean, AIPH University, Bhubaneswar
- ◆ Dr. Neena Valecha, Vice President, NAVBD
- ◆ Dr. M R Ranjit, Secretary, NAVBD
- ◆ Dr. R S Sharma, Vice President, NAVBD
- ◆ Dr. R K Hazra, Treasurer, NAVBD
- ◆ Dr. B N Nagpal, Executive Member, NAVBD
- ◆ Prof. Jagbir Singh, Executive Member, NAVBD
- ◆ Dr. Ashwani Kumar, Executive Member, NAVBD
- ◆ Dr. N Arunachalam, Executive Member, NAVBD
- ◆ Prof. Bidyut Dash, Executive Member, NAVBD
- ◆ Prof. Sajal Bhattacharya, Executive Member, NAVBD
- ◆ Dr. Madhusmita Bal, Scientist, ICMR-RMRC Bhubaneswar

TOURIST ATTRACTIONS

