

SPEAKERS

➤ Guest Speaker: Dr Geetanjali Sageena

Scientist-C and Program Officer.

Division of Human Resource Development,

Department of Health Research (DHR), Ministry of Health & Family Welfare, Govt. of India, Delhi

➤ Keynote Speaker: Dr. Prafulla Dutta,

Ex Scientist-G ICMR, RMRC, Dibrugarh

Theme:

- Vectors and vector-borne diseases in NorthEastern Region of India
- Culicine – vector taxonomy, Disease transmission.

➤ Dr D. R. Bhattacharyya,

Ex-scientist- F, ICMR RMRC, Dibrugarh

Theme: Anophelines-taxonomy, vector bionomics, and dynamics of disease transmission

➤ Dr Biplob Sharma,

Scientist (MRHRU), Dimapur, Nagaland

Theme: Bioassay of Insecticides, vector resistance and molecular identification of vector mosquitoes

➤ Prof. Dipsikha Bora,

Dean Faculty of Biological Science, Dibrugarh University

Theme: Insecticide resistance of Aedes mosquitoes and techniques for measurement

➤ Dr. Kalpana Baruah,

Senior Consultant & Former Additional Director & Scientist 'V', National Center for Vector Borne Diseases Control, Ministry of Health & Family Welfare, Govt. of India, Delhi

Theme: Vector-borne diseases and their management

➤ Prof. Dandadhar Sarma

Professor & Head, Dept. of Zoology, Gauhati University

Theme: Larvivorous fish breeding techniques for vector control

➤ Prof. Bulbuli Khanikor,

Professor, Dept. of Zoology, Gauhati University

Theme:

- Vector control strategies and challenges overcoming resistance with synergized insecticidal products
- Biological control agents in vector management-reflection on case studies

➤ Mr C.K Sharma,

Ex Sr. tech officer, ICMR, RMRC, Dibrugarh

Theme: Mosquito Taxonomy

WHO CAN APPLY

- **Research Scholars:** Doctoral and post-doctoral researchers pursuing advanced studies in Zoology, Life Sciences, Biotechnology, Microbiology, or Public Health.
- **Postgraduate Students:** M.Sc./Integrated M.Sc students currently enrolled or completed in recognized universities or colleges with a specialization in Zoology, Life Sciences, Biotechnology, Microbiology, Public Health, or allied health sciences.
- **Faculty Members:** Academicians and faculty members from Higher Educational Institutions (HEIs) teaching Zoology, Life Sciences, Biotechnology, Microbiology, or Public Health.
- **Public Health Professionals & Medical Practitioners:** Personnel employed in the Department of Health Services, National Vector Borne Disease Control Programme (NVBDP), or related government bodies, Medical officers, clinicians, and epidemiologists managing vector-borne diseases. Field-based health workers and NGO personnel actively involved in vector surveillance and disease management initiatives.

SELECTION CRITERIA

Selection follows a **first-come, first-served policy**, subject to a review of the applicant's academic and research background. Priority will be given to candidates who clearly demonstrate their interest and explain how they intend to apply the knowledge gained from this workshop in their future research or professional work

REGISTRATION LINK

https://docs.google.com/forms/d/e/1FAIpQLSdBQ5g-0f_WDEIjmWD7P3bdm6u_MAN409epOLkIQBAXMYmHdw/viewform

Last Date of registration: 5th January, 2026

ORGANIZING COMMITTEE

Chief Patron: Prof. Nani Gopal Mahanta, Vice-Chancellor, Gauhati University

Patron:

Prof. Utpal Sarma, Registrar, Gauhati University,

Dr Hemanta Kr. Nath, Secretary, University Classes, Gauhati University

Chairperson & Convener:

Prof. Dandadhar Sarma, Professor & Head Department of Zoology, Gauhati University

Organising Secretary:

Prof. Bulbuli Khanikor, Professor, Department of Zoology, Gauhati University

Advisory Committee:

Dr Prafulla Dutta, Former Director (Scientist-G)-RMRC (ICMR), Dibrugarh, Assam & Distinguished Fellow, Department of Zoology, Gauhati University

Prof. Jogen Ch. Kalita, Former Dean, Faculty of Science & Former Head Dept. of Zoology, Gauhati University

Prof. Prasanta Kumar Saikia, Former Dean, Faculty of Science & Former Head Dept. of Zoology, Gauhati University

Prof. Manuj Kumar Bharali, Professor, Department of Zoology, Gauhati University

Executive Members:

Dr Manas Das, Associate Professor, Department of Zoology, Gauhati University

Dr Malabika Kakati Saikia, Assistant Professor, Department of Zoology, Gauhati University

Dr Banasri Mech, Assistant Professor, Department of Zoology, Gauhati University

Dr Kuladip Sarma, Assistant Professor, Department of Zoology, Gauhati University

Dr Hrishikesh Choudhury, Assistant Professor, Department of Zoology, Gauhati University

Associated Members

Mr. Kunal Chanda, Teaching Associate, Department of Zoology, Gauhati University

Mr. Jitumoni Das, Teaching Associate, Department of Zoology, Gauhati University

Mr. Deep Jyoti Roy, Research Scholar, Department of Zoology, Gauhati University

Miss Hiramoni Talukdar, Research Scholar, Department of Zoology, Gauhati University

Miss Dipamani Sarma, Research Scholar, Department of Zoology, Gauhati University

Miss Barnali Saikia, Research Scholar, Department of Zoology, Gauhati University

Miss Mondira Taropi, Research Scholar, Department of Zoology, Gauhati University

Miss Debahuti Goswami, Research Associate, PURSE Project, Gauhati University

Contacts

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**Department of Health Research (DHR)-
Indian Council of Medical Research (ICMR)
sponsored**

WORKSHOP ON MOSQUITO VECTORS: TAXONOMY, MANAGEMENT & VECTOR-BORNE DISEASES



**Organized by
Department of Zoology,
Gauhati University
Date: 18-20, February 2026**

ABOUT GAUHATI UNIVERSITY

Gauhati University, established on January 26, 1948, stands as the oldest and premier institution of higher learning in Northeast India. Recognized for its sustained academic excellence, the university holds a prestigious NAAC 'A+' accreditation and is ranked 33rd among all universities in India (NIRF 2025). As a vital educational hub, it serves as the parent institution for hundreds of colleges across Assam while leading critical research into the region's unique biodiversity and culture. Its historical legacy lies in being the first university created to fulfil the educational aspirations of the people of Assam & entire Northeast following India's independence immediately following India's independence.

DEPARTMENT OF ZOOLOGY

Established in 1962, the Department of Zoology has evolved into a premier department in Zoological Sciences and is supported by DST-FIST and UGC-SAP programs. It offers MSc degrees with specializations in Animal Physiology, Cell and Molecular Biology, Entomology, Fish and Fishery Biology, and Animal Ecology, alongside a specific MSc in Wildlife Biology. The department boasts advanced research infrastructure, including a Bioinformatics Infrastructure Facility (BIF) and a dedicated Aquaculture and Biodiversity Centre.

How to reach Gauhati University

- **Nearest Airport:** Lokpriya Gopinath Bordoloi International Airport (GAU) – approximately **10 km** away.
- **Nearest Railway Station:** Kamakhya Junction Railway Station – approximately **5–6 km** away.
Nearest Bus Stand: Inter State Bus Terminus (ISBT), Betkuchi – approximately **12 km** away.

ABOUT THE WORKSHOP

Funded by the Department of Health Research (DHR), this workshop is a strategic initiative organized by Department of Zoology, Gauhati University. It focuses on the crucial role of mosquito taxonomy for accurate identification of vector species, which is fundamental for understanding their bionomics and planning effective control. With the region facing changing epidemiological conditions, such as the spread of Japanese Encephalitis from Upper to Lower Assam and the prevalence of Malaria and Dengue, this workshop bridges the gap between fundamental taxonomy, integrative taxonomy and modern vector management. Experts from different specialized fields related to mosquito fundamental taxonomy and integrative taxonomy, disease epidemiology, ecology, and vector control have been invited to share their knowledge. Through a combination of classroom lectures, hands-on practical sessions and field visits, the workshop aims to train the next generation of students, researchers, and public health personnel in comprehensive vector studies.

OBJECTIVES OF THE WORKSHOP

- To build foundational and advanced understanding of mosquito taxonomy and bionomics.
- To enhance knowledge of the epidemiology and transmission dynamics of major mosquito-borne diseases, mosquito management strategies and insecticide resistance development
- To develop practical skills in field collection, laboratory identification, and basic research methodologies on mosquito vectors