

ONE-DAY NATIONAL SEMINAR ON “TRENDS IN BIOLOGY: PAST AND PRESENT”

1st December 2023



Sikkim University

Organized By
Department of Zoology
Sikkim University, Gangtok

(A Central University established by an Act of Parliament of India in 2007 and accredited by NAAC in 2015)

Speakers

Dr. V. S. Vijayan

Chairman, Sálím Ali Foundation, Thrissur, Kerala
(Founder Director, Sálím Ali Centre for Ornithology and Natural History, Coimbatore)



Dr. Lalitha Vijayan

Honorary Director, Sálím Ali Foundation, Thrissur, Kerala
(Former Senior Principal Scientist, Sálím Ali Centre for Ornithology and Natural History, Coimbatore)



Prof. Saurabh Raghuvanshi

Department of Plant Molecular Biology,
University of Delhi



Prof. Sushil Kr. Dutta

Professor Emeritus, Department of Zoology, Assam Don Bosco University, Guwahati, Assam;
(Former Professor, North Orissa University)



Prof. Santanu Ray

C V Raman Laboratory of Ecological Informatics,
Kerala University of Digital Sciences, Innovation and Technology (DUK)
(Former Professor Visva-Bharati University)



Chief Patron:

Prof. Avinash Khare
Honourable Vice Chancellor,
Sikkim University



Patron:

Prof. Laxuman Sharma
Dean, School of Life Sciences



Convenor:

Prof. Bhoj K. Acharya
(Head, Department of Zoology)

Organizing Secretary:

Dr. Basundhara Chettri

Treasurer:

Dr. Bisu Singh

Organizing Committee:

Dr. Sudeep Ghatani

Dr. Arnab Banerjee

Dr. Madap Prasad Thapa

Dr. Sailendra Dewan

Mr. Bedanta P. Saikia

Mr. Ashesh Sharma

Aim of the Seminar:

This one-day seminar aims to inspire and engage young minds in the realms of biological science research by exploring past research endeavors, illuminating future research scopes, highlighting the significance of traditional research methodologies and advancements made in crossdisciplinarity fields and techniques, and celebrating the evolution of biological science. Through this multifaceted approach, the seminar endeavors to ignite a passion for inquiry-driven learning, provide attendees with a comprehensive understanding of diverse research subjects, and foster an appreciation for the continuous growth and development of knowledge in the dynamic field of biological science.

About the Department:

Since its establishment in 2013, the Department of Zoology at Sikkim University has been actively involved in conducting extensive research on various fronts, including ecology, parasitology, and human health, both nationally and internationally. The Ecology, Biogeography & Conservation Biology Laboratory within the department has placed particular emphasis on addressing research gaps, tackling challenges, and addressing issues relevant to the biodiversity of the Himalayan region. Research in this lab spans a wide range of topics, encompassing community ecology, biogeography, macroecology, & conservation biology of the faunal species of the Eastern Himalaya. The thrust area of research in the Immunology, Parasitology, & Cytogenetics Laboratory is psychoneuroimmunology, human genetics, epigenetics, ethnomedicine, population genetics, and parasitology. The lab uses traditional as well as cross-cutting tools in immuno-techniques, genetics, genomics, epigenetics, transcriptomics, and proteomics to address issues related to human health and parasitic diseases.

Program Schedule

-----Morning Session

09:45 – 10:30	Inauguration
10:45 – 11:35	Dr. V. S. Vijayan
11:35 – 12:25	Prof. S. K. Dutta
12:25 – 13:15	Prof. S. Ray

13:15 – 14:00 Lunch

-----Afternoon Session

14:00 – 14:50	Dr. L. Vijayan
14:50 – 15:40	Prof. S. Raghuvanshi
15:40 – 16:20	Valedictory

Tea

Sikkim University at a glance

Sikkim University (A Central University), currently situated in Gangtok, the capital of Sikkim, operates from multiple buildings along the NH-10, with its main administrative office at Samdur, 6th Mile, Tadong. The University's permanent campus is under construction in Yangang, South Sikkim, while the closest airport and railway station are Bagdogra and New Jalpaiguri, respectively. Sikkim University has several key objectives including dissemination and advancement of knowledge by offering instructional and research facilities in various fields of learning. The institution provides integrated courses encompassing humanities, natural and physical sciences, social sciences, and related disciplines. It actively promotes innovative teaching and learning methods, interdisciplinary studies, and research initiatives. The university plays a crucial role in educating and training individuals to make meaningful contributions not just to the progress of Sikkim and Eastern Himalayan Region but also to the global development. Sikkim University offers a diverse range of academic programs, including Master's and PhD degrees, across 33 different subjects organized within six distinct schools, making it a comprehensive hub for higher education in the region.



Upcoming University Permanent Campus at Yangang