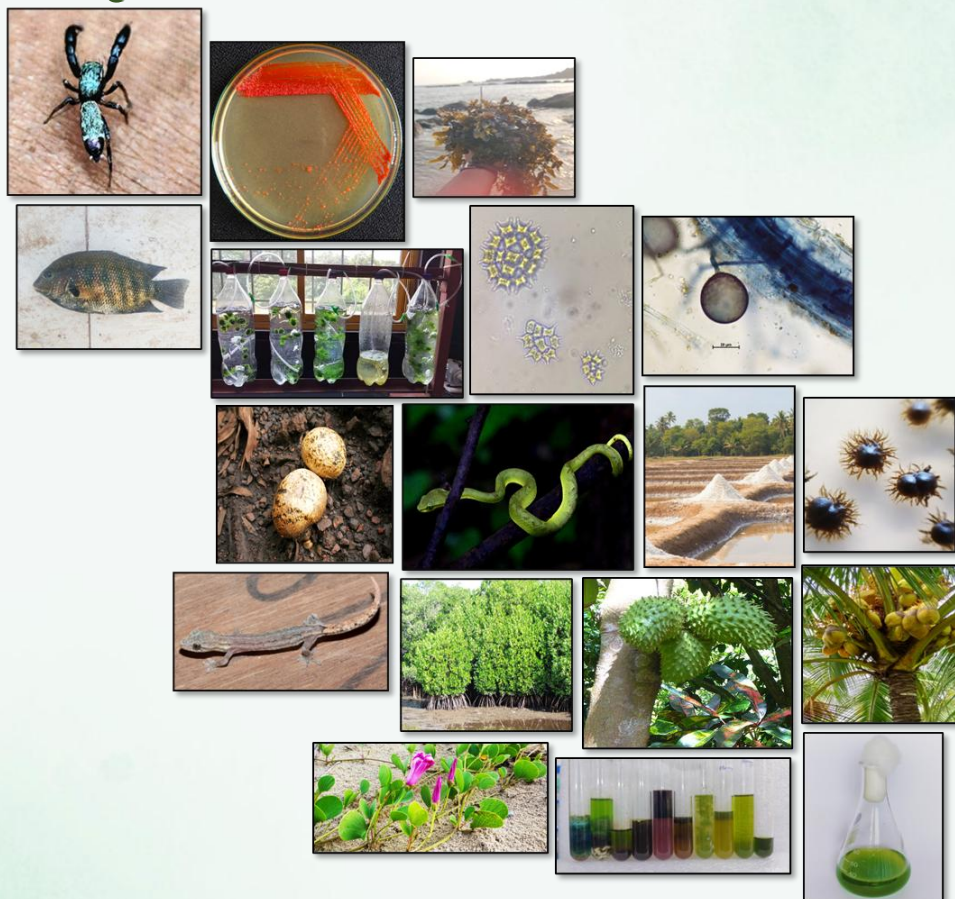




Goa University
School of Biological Sciences and Biotechnology
Organizes a
3-Day National Conference on
Harnessing Biodiversity and Bio-innovation



*Bridging Indian Knowledge System
with Technology Development
for One Health Approach*

January 21-23, 2026





Goa University, established in 1984 & operational since June 1985, is Goa's premier higher education institution. Located on a 402-acre Taleigao Plateau campus with modern infrastructure, digital facilities & hostels. Evolving from the University of Bombay's CPIR (1962) & recognized under the UGC Act, it offers graduate, postgraduate & research programs aligned with NEP-2020, including the Academic Bank of Credits & online learning via SWAYAM & UniGoa Pathshala. Accredited with NAAC A+ till 2030, it ranks in 51–100 band among State Public Universities (NIRF 2025). It features in QS Sustainability 2025 (1451–1500), QS Asia (621–640) & QS South Asia (187), & in THE 2025 rankings (1501+ worldwide; 601+ Asia). India Today 2024 ranked it 23rd among Government Universities, The Week placed it 29th overall, & Outlook I-Care 2025 ranked it 35th among Government Universities.

Goa University affiliates 67 colleges with UG, PG & research programs & several Ph.D. centres. Its 10 interdisciplinary Schools offer 3 UG, 44 PG & 28 doctoral programs. Positioned between the Western Ghats & Arabian Sea, it is a hub for biodiversity & marine studies with a Ministry of Earth Sciences-recognized Centre of Excellence in Marine Microbiology. The University has 7,000+ research publications, an H-index of 83, & an open-access repository. The Goa University Research Park (GURU) hosts bio, IT & health incubators, & under PM-USHA (MERU) it received ₹100 crore in 2024 to strengthen multidisciplinary education & research. Key initiatives include the National Resource Centre in Marine Science, the State Resource Centre for Women, & collaborations such as the Study India Programme with Nihon University. The Visiting Research Professors Programme (VRPP) brings eminent scholars to campus. With a strong alumni network, sports infrastructure & an emphasis on innovation, Goa University serves in education, research & community engagement in India.

About the School of Biological Sciences & Biotechnology (SBSB):

Established in May 2022, SBSB is an interdisciplinary hub formed by merging the Departments of Biotechnology, Botany, Microbiology & Zoology. Located in Faculty Block E, it houses advanced laboratories for molecular biology, spectroscopy, microscopy, tissue culture, marine biology & bioinformatics. Each discipline retains its academic identity with separate M.Sc. & Ph.D. programmes led by Programme Directors. It also offers Postgraduate Diploma in Clinical Genetics & Medical Laboratory Techniques (PGDCG & MLT).

SBSB reflects University's commitment to integrating research with education, covering fields such as plant stress physiology, phytochemistry, animal physiology, microbial ecology, aquaculture biotechnology, extremophiles, environmental toxicology, marine bioprospecting, nanobiotechnology & computational biology. Faculty & scholars undertake externally funded projects supported by DBT, UGC, MoEF & DST. Emphasizing theoretical, laboratory, field-based and experiential learning, it provides hands-on exposure to Goa's coastal & estuarine ecosystems. Through workshops, internships, community outreach, industry collaborations & placement drives, SBSB prepares students for careers in academia, biotechnology, healthcare, environmental management and industrial R&D.

About the theme of the conference:

Harnessing Biodiversity and Bio-innovation

Bridging Indian Knowledge System with Technology Development for One Health Approach

Biodiversity sustains life on Earth, and its conservation and sustainable use are central to human well-being and planetary health. In the era of technological advancement and environmental challenges, there is a pressing need to integrate traditional wisdom with cutting-edge innovations to ensure the health of humans, animals, and ecosystems—a vision embodied in the *One Health Approach*. The forthcoming National Conference on “Harnessing Biodiversity and Bio-innovation” aims to foster this integration by bringing together scientists, academicians, innovators and policymakers to deliberate on multifaceted aspects of biodiversity and technological innovation.

This conference will provide an interdisciplinary platform to explore how biodiversity can be harnessed through bio-innovation to address global challenges such as climate change, emerging diseases, and resource sustainability. It emphasizes the amalgamation of the Indian Knowledge System (IKS)—with its deep understanding of ecology, traditional medicine, and sustainable resource use—with modern advances in biotechnology, omics, nanotechnology, and artificial intelligence. By merging ancient wisdom and scientific rigor, the conference seeks to develop innovative models for sustainable growth and holistic health.

The deliberations will focus on emerging research and innovations across the following thematic areas:

- Biodiversity and Conservation
- One Health & One Nation
- Indian Knowledge System
- Made in India Technology
- Nano and Omics Technology
- Renewable Energy and Sustainable Development
- Computational Biology, Bioinformatics & Artificial Intelligence

Through this conference, we aim to build collaborations and inspire innovations that reflect India's rich heritage of knowledge while embracing modern scientific advances. Participants from academia, research institutions, and industry are invited to share their findings, insights, and ideas to advance the national vision of sustainable development through Biodiversity and Bio-innovation for One Health and One Nation.

Organizing Committee

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Vice-Chancellor, Goa University

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Dr. Aditi Naik
Ms. Snesha Bhomkar
Dr. Vikash Kumar Yadav

Conference Highlights

- Keynote Address by eminent spr.
- Invited Lectures delivered by distinguished scientists and researchers under specific themes.

Following categories will have three prizes each

- Oral Presentations under specific themes.
- Poster Presentations.
- Bio-InnoQuest (Ideation & Innovation Showcase)



Researchers interested in presenting their work are invited to submit abstracts of their research contributions relevant to the conference themes. Selected abstracts will be scheduled for presentation during the participant sessions, providing a platform for interaction, innovation, and interdisciplinary collaboration.

- Cultural programme

ABSTRACT FORMAT

ABSTRACT SUBMISSION FOR ORAL PRESENTATION, POSTER PRESENTATION & INNOQUEST

Abstract submission is mandatory for participants who wish to present their innovative ideas and research findings as oral presentations, posters or at the InnoQuest forum (details below).

Abstracts should: Present original research or innovations, and include a brief introduction, rationale, hypothesis, materials & methods, major outcomes, and conclusion, 250-300 words in length, typed in MS Word, Times New Roman, 12-point font, with 1.5 line spacing and submitted via the registration form below **by 10th January 2026**.

Abstract should be emailed to: conference.sbsb@unigoa.ac.in

ORAL PRESENTATION

The conference will include sessions of oral presentations, encompassing research under the key themes mentioned below. The duration of each presentation will be **5 minutes**, followed by discussion.

POSTER PRESENTATION

The recommended poster size shall be **120 x 100 cm**. The duration of each presentation will be **3 minutes**, followed by discussion.

BIO-INNOQUEST

Participants will present their innovative ideas to solve predefined problems under the thematic areas, within a time limit of **3 minutes**. Presentations may include a demonstration of the product or technology.

Registration Fees & Payment Mode:

Participants	Early Bird (Rs.)	Spot Registrations (Rs.)
Academician/Scientist/Industry	3000	4000
Student Participant	1500	2000
Participant from Goa University	1000	2000
Student Participant from Goa University	500	1000

The following instructions may be followed for fee payment, through SBI Collect, at the link <https://www.onlinesbi.sbi/sbicollect/icollecthome.htm>

In the search bar, type "Goa University".

Select the appropriate payment category from the following:

- Reg. Fees for HBB Academicians/Scientists/Industry
- Reg. Fees for HBB Students
- Reg. Fees for HBB Goa University
- Reg. Fees for HBB Goa University Student

Fill in the details and complete the payment. Save the e-receipt for submission at the time of registration.

How to Register?

You may register yourself through online mode by filling Google form through this

link: <https://forms.gle/SiwsUGaidB47amMT6>

(OR Use the QR Code) by 22nd December 2025:



Please keep following files and information ready before filling up registration form:

Participant's photo: JPEG format, not exceeding 100Kb size.

Abstract: word file as per specifications.

Registration fee e-receipt copy

If contesting for poster presentation, then letter signed by Research guide in the case of Ph. D. scholar or Head of the Department/Institute as a proof for you to be Ph. D. Scholar / M. Sc. Student / B.Sc. Students.

We look forward for your participation for this Conference

