



MERCY COLLEGE PALAKKAD

Affiliated to the University of Calicut,
NAAC Reaccredited 'A' Grade

PG & Research Department of Botany

Organizes

International Seminar on NATURE-BASED SOLUTIONS FOR CLIMATE CHANGE



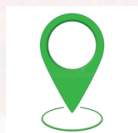
Sponsored by

KERALA STATE BIODIVERSITY BOARD

HYBRID MODE



22-23 JANUARY 2026



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Day1 – 22/01/2026

- 9.00 AM- 9.30 AM : Registration
- 9.30 AM - 10.30 AM : Inaugural session
- Prayer
- Welcome **Dr. Renju Krishna V.**
Assistant Professor,
Department of Botany.
- Presidential address : **Dr. Sr. N.M. Louly.**
Principal, Mercy College, Palakkad.
- Inauguration : **Dr. A.V. Santhosh Kumar**
Professor & Head
Forest Biology & Tree Improvement
College of Forestry, KAU;
Member, Kerala State Biodiversity Board.
- Felicitations : **Sri. Vignesh P.**
KSBB District Coordinator, Palakkad
Dr. Jelly Louis C.
Associate Professor & Head
Dr. Rekha Vasudevan A.
IQAC Co-Ordinator, Assistant Professor
- Vote of Thanks : **Dr. Neenu A Santhosh.**
Assistant Professor,
Department of Botany
- 11.00 AM : Tea break

- 11.00 AM - 12 .00 : **Session 1**
Dr. A.V. Santhosh Kumar
Professor & Head,KAU; Member,KSBB.
KEY NOTE - Bio-cultural diversity
- 12.00 - 1. 00 PM : **Session 2**
Dr. Rajalakshmi Rajendran
Postdoctoral researcher,
Technion- Israel Institute of Technology,
Israel.
**Topic: Nature- Inspired Climate Solutions:
An Interdisciplinary Research Perspective.**
- 1.00 PM : Lunch break
- 1.30 PM-2.30 PM : **Session 3**
Dr. Vishnu B.
Junior Scientist
KSCSTE-(MBGIPS) Kozhikode.
**Topic: Plant tissue culture: Conservation
of Endemic and Endangered Flora.**

Day 2 - 23/01/2026

- 9.30 AM -10.30 AM : **Session 4**
Dr. Pramod Kumar N.
Assistant Professor
NSS College Ottapalam
**Topic: Conservation of Biodiversity
through Home remedies.**
- 11.30 AM-12.30 PM : **Session 5**
Dr. L. Arul Pragasam
Assistant Professor
Department of Environmental Sciences
Bharathiar University, Coimbatore.
**Topic: Forest Carbon Sequestration as a
Nature- Based solution for Climate
Change Mitigation.**

- 12.30 PM : Lunch Break
- 1.30-2.30 PM : **Session 6**
Prabhu P. M.
Assistant Conservator of Forest
Kerala Forest Department.
Topic: Biodiversity: Beauty & Sciences.
- 3.00PM : Valedictory session
National Anthem

OUR RESOURCE PERSONS

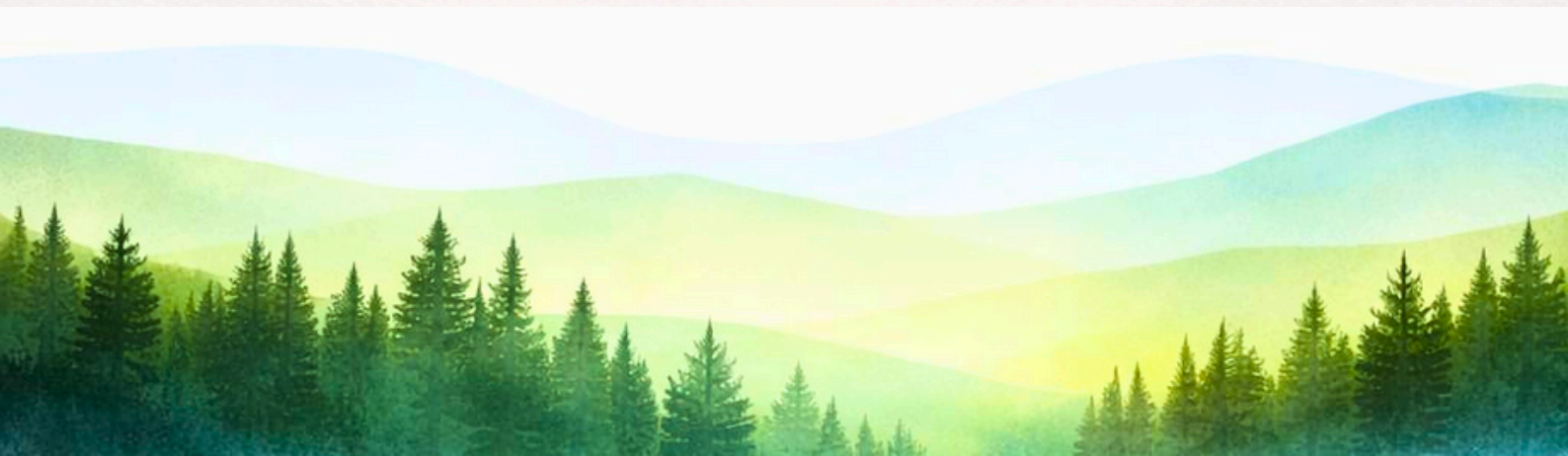


ABOUT THE DEPARTMENT

The Department of Botany was established in 1964, initially with a pre-university course and gradually with a three-year degree program of B.Sc. Botany with Chemistry and Zoology as the subsidiaries. Dr. Jelly Louis C is the Head of the Department. The department offers an FYUGP, PG, and research programs. With five research guides specializing in areas such as algal diversity, phytochemical profiling, nanotechnology, and biotechnology. The department is maintaining a good library with more than 500 books and journals. A digital library is also being maintained in the department. The department is conducting many outreach activities, like seed distribution, raising awareness about pesticide-free vegetable cultivation, etc., with the help of the Botany Association.

ABOUT THE SEMINAR

The seminar on Nature-Based Solutions (NBS) is designed to provide participants with a comprehensive understanding of how NBS can address the dual challenges of climate change and biodiversity loss. It highlights the role of NBS in supporting the Sustainable Development Goals (SDGs) through the protection, restoration, and sustainable management of ecosystems, as well as the creation of novel ecosystems. Participants will explore strategies to enhance carbon sequestration, conserve biodiversity, and expand green spaces in urban areas to aid in cooling and flood mitigation. The program emphasizes community empowerment by improving access to natural resources and promoting ecosystem services, while also addressing air pollution mitigation and associated health benefits. The seminar offers a valuable opportunity to learn, observe, and exchange ideas for implementing sustainable solutions across urban, community, and natural landscapes.



CALL FOR ABSTRACTS & GUIDELINES

We invite research scholars, students, faculty, and industrial persons to submit original research abstracts based on the conference themes. The Presenters should submit their abstracts of about one page (1.5 line spacing and 12 font size in Times New Roman) in Microsoft Word (doc/.docx) format. It should contain the authors' title, name, and address (the presenting author should be underlined). All abstracts should be submitted via email: botanymercydept@gmail.com

IMPORTANT DATES:

- Last date of Registration : 20/01/2026
- Last date to submit abstract : 20/01/2026
- Last date to submit full paper : 21/01/2026
- Date of Paper Presentation : 22/01/2026

Certificates will be given for the full-length papers presented in the seminar and are planned to be published in conference proceedings with an ISBN number.

Award will be presented for the best oral paper

Registration link:

<https://docs.google.com/forms/d/e/1FAIpQLSccvR5wHMSHXy6zaN-7o6GrbKyDxkTOF-1lzSoaioMVPOHlpw/viewform?usp=publish-editor>



ORGANIZING COMMITTEE

- Principal : Dr. Sr. N.M.Louly
- Convenor : Dr. Renju Krishna V.
- Head of the Department : Dr. Jelly Louis C.
- IQAC Coordinator : Dr. Rekha Vasusevan A.
- Co Convenor : Dr. Neenu A Santhosh

• STAFF COORDINATORS

- Dr. Jelly Louis C.
- Dr. Rekha Vasudevan A.
- Dr. Sr. Sindhu K.K.
- Dr. Neenu A Santhosh
- Ms. Swathi M.

RESEARCH COORDINATORS

- Ms. Deepa K.
- Ms. Sandhra Sajeev
- Ms. Aswathi S.
- Ms. Diya Joesph
- Ms. Athulya M.
- Ms. Aswini S Gupta

STUDENT COORDINATOR.

- Sravani C.
- Shahla P.



Dr . Sr. N.M. Louly
Principal



Dr. Renju Krishna V.
Convenor



Dr. Jelly Louis C.
Head of the Department

For further information, please contact

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