



# 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**



<https://maps.app.goo.gl/tkQHaGEDtgdXrw7Q8>

## 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 Pragasan**  
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](mailto: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-1IzSoaioMVPOH1pw/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 Vasudevan 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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