

Monthly Programme Report
St. Thomas College, Ranni BMC

Institution Name: **St. Thomas College, Ranni**

BMC Code: **PTM/2018/16**

Programme Title: **National Seminar - Mitigation of Climate Change through Biodiversity Conservation**

Program Category: **Awareness
program(Seminars/symposia/workshops/others)**

Activity Type: **Awareness Program**

No. of participants: **62**

Planned Date: **28-01-2025**

Renewed date: **-**

Program Date: **29-01-2025**

Budgeted Amount: **Rs 1500/-**

Total expenditure: **Rs 1500/-**

Balance: **Rs 0/-**

Brief Report

The seminar on "Mitigation of Climate Change through Biodiversity Conservation" was organized to address the crucial role of biodiversity in regulating climate and mitigating the adverse effects of global warming.

We are living in an era where the effects of climate change are becoming increasingly evident- rising global temperatures, extreme weather events, and biodiversity loss are just a few manifestations. Our ecosystems provide us with invaluable services - carbon sequestration, water regulation, soil fertility, and more. As we strive for solutions, it is clear that conserving biodiversity is not just an environmental obligation but a critical strategy for achieving climate resilience and sustainability. The event brought together environmental scientists, conservationists, policymakers, who have devoted their lives to studying and advocating for a harmonious connection between humans and nature, to explore these solutions in depth, and students to discuss strategies for preserving biodiversity as a means of combating climate change.

Inaugural Session: (10.00 am to 11.30 am)

The event commenced with a Prayer Song led by Ms. Lekshmi Rajgopal, setting a solemn and respectful tone for the proceedings. Following the invocation, the Welcome Speech was delivered by Dr. Devi Priya M., Head of the Department of Botany, St. Thomas College, Ranni. She warmly welcomed all dignitaries, faculty members, students, and guests, emphasizing the significance of the event and its relevance to environmental conservation. The Inauguration & Presidential Address was delivered by Dr. Sneha Elcy Jacob, Principal, St. Thomas College, Ranni. In her address, she highlighted the importance of environmental awareness and the role of educational institutions in fostering sustainable practices. The Keynote Address was delivered by Sri. Satheesh Kumar P S, Vice President, Angadi GramaPanchayath, Ranni. He provided insightful thoughts on the importance of biodiversity conservation, sustainable development, and community participation in environmental protection. The event was further enriched by a Felicitation from Sri. Arun C Rajan, District Coordinator, KSBB, Pathanamthitta. He acknowledged the efforts of the Botany, Zoology Departments and Bhoomitra Sena Club and emphasized the need for active participation in environmental initiatives. The Vote of Thanks was delivered by Smt. Swetha C, Coordinator, Bhoomitra Sena Club, who expressed gratitude to all dignitaries, participants, and organizers for their contributions to the successful execution of the event.

Session 2: Paper Presentation (12.00 pm to 1.00 pm)

The scientific paper presentation was done by the faculties of this college in offline mode.

Session3: Academic Discussion (1.30 pm – 3.30 pm)

Topic: **Role of Invasive Plants in Biodiversity Loss and Climate Change**

Resource Person: **Dr. Anoop P Balan**, Asst. Professor in Botany, BAM College, Thuruthikkad

Invasive plants play a critical role in biodiversity loss and climate change by outcompeting native species, disrupting ecological interactions, and altering key environmental processes such as carbon storage, fire regimes, and hydrology. Their ability to spread rapidly and dominate ecosystems reduces habitat quality, threatens native flora and fauna, and accelerates ecosystem degradation. Additionally, climate change further exacerbates the spread of invasive species, creating a feedback loop that intensifies environmental challenges. Effective management strategies, including prevention, early detection, mechanical and biological control, and habitat restoration, are essential to mitigate their impact. Strengthening policies, raising public awareness, and promoting ecological restoration efforts can help protect biodiversity and enhance ecosystem resilience against both invasive species and climate change. Addressing these challenges requires a collaborative approach to safeguard the health and stability of global ecosystems.

Dr. Anoop P Balan elaborated on how invasive plant species impact native flora and fauna, disrupt ecosystems, and contribute to climate change. The session was highly interactive, with students and faculty engaging in meaningful discussions, raising concerns, and exploring possible mitigation strategies.

Day 2

Session 1: Wildlife Photography Exhibition (9.30 onwards)

The Wildlife Photography Exhibition was organized as part of the seminar. It is a visual treat for nature enthusiasts, bringing together stunning images of diverse wildlife from different ecosystems. The event aimed to raise awareness about biodiversity, conservation, and the beauty of the natural world through the lens of talented photographers. The event was inaugurated by the Coordinator, Kerala State Biodiversity Board, Pathanamthitta, Sri. Arun C. Rajan, who emphasized the role of wildlife photography in promoting conservation efforts. Visitors were highly appreciative of the images and the effort behind each shot. Many expressed how the exhibition deepened their understanding of wildlife and the importance of conservation. The exhibition was a resounding success, offering a perfect blend of art, education, and environmental awareness. It highlighted the beauty and vulnerability of nature, inspiring visitors to support conservation efforts.

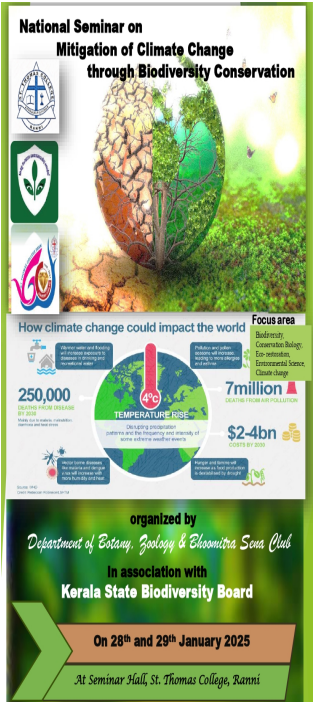
Session 2: Academic Discussion (10.00 am – 12.00 pm)

Topic: **???, ????????, ????????**

Expenditure Statement

Item	Expenditure	Remarks
Cash Prize	Rs 1500	Quiz Competition
Budgeted Amount		Rs 1500
Total Expenditure		Rs 1500
Balance Amount		Rs 0

Photographs



**ST. THOMAS COLLEGE
RANNI**
Department of Botany, Zoology & Bhoomitra Sena Club

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COMPETITION

IN ASSOCIATION WITH
KERALA STATE BIODIVERSITY BOARD

National Seminar
MITIGATION OF CLIMATE CHANGE THROUGH
BIODIVERSITY CONSERVATION

Seminar Hall, Main Block

28/01/2025, 2:00 p.m.

1

Rs. 750/-

2

Rs. 500/-

3

Rs. 250/-