

DEPARTMENT OF ZOOLOGY
DEVA MATHA COLLEGE KURAVILANGAD

Affiliated to Mahatma Gandhi University, Kottayam



ADD-ON COURSE

In

**ENVIRONMENTAL MONITORING AND
ASSESSMENT**

Academic Year : 2022-2023

Department of Zoology



DEVA MATHA COLLEGE KURAVILANGAD

DEPARTMENT OF ZOOLOGY

Add on Courses offered for Students : 2022-2023

1. Environmental Monitoring and Assessment

DMCK/ ZOO/AD 17/2022

2. Wildlife And Photography :

DMCK/ ZOO/AD 18/2022



Department Coordinator: Dr. Sunil Jose K.

REPORT ON ADD-ON COURSE ON
ENVIRONMENTAL MONITORING AND ASSESSMENT
2022-23

Objectives of the course

To raise awareness on protecting our nature and environment
To develop right attitude towards elimination of our waste
To promote Recycling of our wastes

Outcome:

Students develop skills for monitoring our environment.
Students develop skills in photographing our environment.
Students appreciate the importance of conserving our environment.

Syllabus of the course:

Total Hours: 30 Hours

- Monitoring of the natural disasters of Kerala.
- Ecological sampling methods
- Climate change and its impacts
- Types of pollution and its control

Methods of the study: Field visit, practical, theory classes, project work, seminar, webinar.

Contents

Photo

Attendance

Certificate

Number of Participants: 34

Activities Conducted:

1. Nature Study at Idukki Wildlife Sanctuary (v):

On the first day of the course, participants engaged in a nature study at the Idukki Wildlife Sanctuary. Led by experienced guides, students explored the sanctuary's diverse ecosystems, observing and documenting the unique flora and fauna native to the region. This activity served as a foundation for understanding the importance of biodiversity in environmental monitoring.

2. Visit to Herbal Garden (15 Dec 2022):

The second day involved a visit to a herbal garden, providing insights into the medicinal properties of plants and their role in maintaining ecological balance. The participants learned about the conservation of medicinal plants and sustainable practices in herbal cultivation. This hands-on experience aimed to bridge the gap between theory and practical application.

3. Visit to Idukki Hydroelectric Dam (16 Dec 2022):

The final day included a visit to the Idukki Hydroelectric Dam, offering a firsthand look at the intersection of human activities and environmental impact. The participants explored the functioning of the dam, understanding the ecological changes brought about by such infrastructural interventions. Discussions on sustainable energy and responsible environmental management were integral components of this excursion.

4. Plastic collection

The plastic collection activity, undertaken as part of the Environmental Monitoring and Assessment Course, was a valuable addition to the program's holistic approach. By actively involving students in a practical initiative, it not only contributed to local environmental cleanliness but also reinforced the importance of individual actions in the collective pursuit of sustainable living. This activity exemplifies the commitment of Deva Matha College to nurturing environmentally conscious citizens through hands-on, experiential learning.

The Add-On Course on Environmental Monitoring and Assessment conducted by the Zoology Department at Deva Matha College was a comprehensive endeavor, encompassing a diverse array of topics essential for understanding and addressing contemporary environmental challenges.

The course, spanning 30 hours, provided a deep dive into the monitoring of natural disasters in Kerala, ecological sampling methods, the impacts of climate change, and strategies for pollution control. The methods of study employed, including field visits, practical sessions, theory classes, project work, seminars, and webinars, ensured a well-rounded learning experience for the 34 enthusiastic participants.

The three field activities played a pivotal role in bridging the gap between theoretical knowledge and practical application. The nature study at Idukki Wildlife Sanctuary allowed students to witness firsthand the rich biodiversity of Kerala. The visit to the herbal garden underscored the importance of sustainable practices in herbal cultivation and highlighted the role of plants in medicine. The trip to the Idukki Hydroelectric Dam facilitated discussions on the environmental consequences of human activities, particularly in the context of energy production.

The course not only equipped participants with knowledge but also fostered a sense of responsibility towards the environment. Engaging discussions, interactive sessions, and collaborative projects added depth to the learning experience. The success of this Add-On Course reflects the commitment of the Zoology Department at Deva Matha College to providing holistic education and preparing students to be environmentally conscious citizens.

In conclusion, the Add-On Course on Environmental Monitoring and Assessment was a resounding success, blending theoretical understanding with practical experiences. The participants left with enhanced knowledge, critical skills, and a heightened sense of environmental awareness, poised to contribute positively to the future of environmental conservation and sustainability.



Plastic collection in Idukki Wildlife Sanctuary

Attendance

Roll No	Name	14-Dec-22	15-Dec-22	16-Dec-22
21UG415	ABIN BABY	Present	Present	Present
21UG416	ABIN ISSAC	Present	Present	Present
21UG417	ADARSH SURESH	Present	Present	Present
21UG423	ALAKANANDA	Present	Present	Present
21UG424	AMRITHANIDHI .S	Present	Present	Present
21UG425	ANGEL SKARIA	Present	Present	Present
21UG426	ANJALY M	Present	Present	Present
21UG427	ARSHANA RAHIM	Present	Present	Present
21UG418	BALAGOPALAN V S	Present	Present	Present
21UG419	BLIS THOMAS	Present	Present	Present
21UG428	DELLA MARTIN	Present	Present	Present
21UG429	DEVAYANI BABU	Present	Present	Present
21UG430	FLEMINA T K	Present	Present	Present
21UG431	HARSHA A T	Present	Present	Present
21UG432	HRUDYA RAJ	Present	Present	Present
21UG420	JYOTHILAL P B	Present	Present	Present
21UG433	MARIYATH S M	Present	Present	Present
21UG434	MERIN T JAMES	Present	Present	Present
21UG421	POWELL K J	Present	Present	Present
21UG435	RIYA MARIA JOSE	Present	Present	Present
21UG436	SREELAKSHMI S	Present	Present	Present
21UG422	SUJITH SHAJAN	Present	Present	Present
21UG404	AISWARYA RAJ	Present	Present	Present
21UG406	ANJANA SHAJI	Present	Present	Present
21UG407	ANJU SHAJI	Present	Present	Present
21UG408	ELIZABETH JOSE	Present	Present	Present
21UG409	FATHIMA FARZHANA	Present	Present	Present
21UG410	KAVYARAJ B A	Present	Present	Present
21UG411	KRISHNAPRIYA SURESHKUMAR	Present	Present	Present
21UG413	NANDANA SUNIL	Present	Present	Present
21UG401	PRANAV BABU	Present	Present	Present
21UG402	SHIJUMON K L	Present	Present	Present
21UG414	TREESA SHAJI	Present	Present	Present
21UG403	VISHNU P	Present	Present	Present



DEVA MATHA COLLEGE KURAVILANGAD

ADD-ON COURSE ON ENVIRONMENT MONITORING AND ASSESSEMENT

CERTIFICATE OF PARTICIPATION

This is to certify that

.....
has successfully completed the short term Add-on Course
Environment Monitoring and Assessment conducted by
Department of Zoology during the academic year 2021-22

DR. PRIYA JOSEPH
HOD

DR. SUNIL JOSE K
Coordinator

Dr. Brincy Mathew
Add-on Course General Coordinator



Principal
Deva Matha College
Kuravilangad - 686 633