

DEPARTMENT ACTIVITIES 2016-17

WORLD ENVIRONMENTAL DAY CELEBRATIONS 2016

Over the year's illegal wildlife trade has emerged as a form of Organised Transnational Crime that has threatened the existence of many wild species across the globe. In India, it includes diverse products including mongoose hair, Tiger and Leopard claws, bones, snake skins, Rhino horn; skins, whiskers; Elephant tusks; deer antlers; and caged birds such as parakeets, mynas, munias etc.

India has strong legal and policy framework to regulate wildlife trade. Trade in over 1800 species of wild animals, plants and derivative is prohibited under the Wildlife (Protection) Act,1972.

India is also a member of the CITES (Convention on International Trade in Endangered Species of Fauna and Flora) since 1976. Which is an international agreement between governments that aims to ensure that international trade in specimens of wild animals and plants does not threaten their survival. Often, positive efforts to protect wildlife trade are undermined by lack of political will and governance failures.

There is an urgent need for knowledge and action to bring legal wildlife trade within sustainable levels and stop all illegal wildlife trade. Towards this TRAFFIC, a wildlife trade monitoring network and a joint programme of WWF, the global conservation organization and IUCN, the International Union for Conservation of Nature, established in 1976, works closely with the National and the State Governments and various agencies to help study, monitor and influence action to curb illegal wildlife trade and bring wildlife trade within sustainable levels.

SCREENING OF SHORT FILM ON ILLEGAL TRADE OF WILD ANIMALS-3/6/2016



INAGURATION OF DISTRIBUTION OF BUTTERFLY PLANT TO STUDENTS FOR CULTURE



DISTRIBUTION OF BUTTERFLY PLANT TO ALUMNAE

BUTTERFLY RELEASE BY PRINCIPAL

10/6/2016



PLANTING OF TREES AT SPORTS GROUND ON 10/6/2016



INTERCOLLEGIATE PPT COMPETITION ON ILLEGAL TRADE OF WILD ANIMALS-17/6/2016



PRIZE DISTRIBUTION OF INTERCOLLEGIATE PHOTOGRAPHY COMPETITION ON SELFIE WITH A BUTTERFLY AND NATURE AT ST. MARY'S



EXTENSION CLASS TO ST MARYS CUPS STUDENTS ON ILLEGAL TRADE OF WILD LIFE ON 17/6/2016



SCREENING OF SHORT FILM ON ILLEGAL TRADE OF WILD LIFE

BUTTERFLY RELEASE BY ST MARYS SQUARE OUTREACH STUDENTS



BUTTERFLY RELEASE BY STUDENTS WHO PARTICIPATED IN THE INTERCOLLEGEIATE PPT AND PHOTOGRAPHY COMPETITION



STALLS TO PROMOTE BIOVALUES – MONSOON FEST

Service to the needy is a great way to help our community. These are opportunities to serve. With this intension the St. Mary's College organized the monsoon fest. The event was a great success generating money for the different needy students of the Institution.

The department of Zoology set stall showcasing different varieties of ornamental fishes. The Department of Zoology conducted fish sale of ornamental fishes like sword tail, platy, molly. Fish aquarium accessories was also an important attraction of the event. A medical checkup of blood pressure was also held. Shalabha exhibition of butterfly photographs was also conducted.

A HOME FOR THE TENDER WINGS'-SCIENCE POPULARIZATION PROGRAMME OF KSCSTE ORGANIZED BY ST. MARY'S COLLEGE, THRISSUR

1. **Inauguration** of 'A home for the Tender wings- Indigenous Butterfly Conservation and Habitat Preservation' Science Popularization Programme of KSCSTE was conducted by Sri Balachandran Chullikad on 4th August 2016.

2. **Butterfly plants culture-** More than 1000 butterfly plants like Aristolochiae, Cassia, Citrus, Asclepcia, ornamental palms, *Sesbania*, *Polyalthia*, *Nerium*, *Saracaasoka*, *Ricinus communis*, *Pongamia*, *Calotropis*, *Cinnamomum*, *Crotalaria retusa*, *Aegle marmelos*, *Michelia champaca*, *Crateva*, *Albizia*, *Bambusa*, *Flacourtia* and *Hygrophila* were cultured in the garden for demonstration and some of these were distributed to institution for popularization.

3. **'Watch and observe butterfly in your garden'**

This mass initiative Campaign to raise the silhouette of school gardens to butterfly gardens which act as a natural, sustainable resource that offer curricular, social and emotional benefits to pupils. About 600 butterfly plants were distributed to 30 schools to promote establishment of butterfly garden at their institution

4. **Oath taking-** to conserve butterfly habitats 25/10/2016

5. **Logo release-**24/10/2016- logo created with the picture of the southern birdwing held in the palm is a demonstration in itself to conserve butterfly for the future. This logo would be incorporated in all promotion programmes for instant recognition. The logo release was conducted by Smt Jaya IAS, Director of Collegiate Education.

6. **Shalabolsavam competitions-** Competitions including Collage, Water colour Painting, Poster Making, Versification, Short Story Writing, Essay Writing and Pencil Drawing were conducted for the students. These competitions were all based on the concept of conservation of butterflies. They created awareness about the butterflies, their importance in nature, ways of promoting conservation and their importance in food chain.

7. **Butterfly plants exhibition** -31/10/2016 & 1/11/2016- It was also intended to raise public awareness and appreciation of conservation issues therefore an exhibition of butterfly plants was held in the college campus on 31st October 2016.

- ❖ **Training programme on butterfly gardening-** 1/11/2016 The official inauguration of Shalabholsavam @ St. Mary's Programme was done by Dr.Sajeev T.V.Scientist-E1, Department of Forest Entomology KFRI, Peechi

- ❖ Honouring of winner of Guinness Book of World Records Prof. Francis Joseph, Head of R&D Department, Holy Grace Academy of Engineering, Mala was done.

- ❖ Welcome by Dr. Regi Raphael K. HOD, Department of Botany' St. Mary's College, Thrissur.

- ❖ Presidential address by Dr. Sr. Marriette A. Therattil, Principal, St. Mary's College, Thrissur

8. **Indigenous Butterfly conservation awareness programme-** Inter-collegiate & interschool competitions
9. **Exhibition and training programme** on conservation of indigenous butterflies at St. Annes School, West Fort and Carmel College
10. Book on butterfly gardening shalabodhyana Nirmaanathinu Oru Maargaekha released
11. National seminar on Habitat restoration and butterfly conservation
12. **Outreach programs to schools and colleges-** Exhibition on butterfly conservation were conducted as outreach programs in various institutions

7/12/2016	Exhibition at Carmel College, Mala
8/12/2016	Exhibition at St. Annes School, West Fort
10/2/2016	Exhibition at St. Thomas HSS, Mayannur
11/2/2016	Exhibition at IX th ward anganwadi of Kolazhy panchayath

Inauguration of ‘A home for the Tender wings- Indigenous Butterfly Conservation and Habitat Preservation’ Science Popularization Programme of KSCSTE

The Project intends popularising conservation of butterflies and spreading the pulse of conservation to educational institutions in Thrissur district to promote butterfly gardening.

Butterflies and their life stages are dependent on specific host plants for food, and their survival ensures habitat conservation. The concept of butterfly gardening has gained immense importance in this developing era and popularization of environmental conservation could be easily met by inculcating values of habitat preservation in the new generation.

Conservation programs aimed for a particular purpose can have positive effects on a multitude of organisms for any programs concentrates on enhancement of the ecosystem thereby creating home for umpteen species. As far as butterflies are concerned for any advantage to butterflies, their specific requirements need to be attended to. Enriching a habitat has immense improvement for survival of a species.

Shalabha exhibition of butterfly

Exhibition of butterfly photographs was conducted for popularizing the scientific knowledge on butterfly gardening





EXHIBITION ON BUTTERFLY CONSERVATION

As part of Baleya project, Kolazhy Grama panchayath and Department of Social work, St. Mary's college, Thrissur conducted a Balamela (competitions such as group dance, fancy dress, solo song etc.) on 28th January 2017, Saturday at Kolazhy. During Balamela, we arranged an exhibition on Butterfly Conservation in collaboration with Department of Zoology. The exhibition was inaugurated by Shr. A J Shaju, President, Kolazhy panchayath. The exhibition explored the different kinds of butterflies, importance of habitat etc.



EXHIBITION ON BUTTERFLY CONSERVATION

Department of Social Work in collaboration with Department of Social Work, St. Mary's college, Thrissur, conducted an exhibition on 'conservation of butterflies'. It was held at IXth ward anganwadi of Kolazhy panchayath on 11th February 2017. Many children along with their parents arrived to watch the exhibition. The public acknowledged the importance of varieties of butterflies and the need to restore the habitat.



INAUGURATION OF BUTTERFLY GARDEN AND EXHIBITION ON BUTTERFLY CONSERVATION AT ST. THOMAS HSS, MAYANNUR



CELEBRATION OF 2017-WORLD WETLAND DAY

Talk on “Wetlands for disaster risk reduction” by C.P Shaji, Former principal investigator, Kerala Biodiversity Board, on 2nd February, 2017.

