

Sree Narayana College Kollam

BIODIVERSITY CLUB AND SHANTHISTHAL

Activity Report

2018-2019

Biodiversity Club in our college hosts various programmes in the academic year 2018-19. The biodiversity club in our college maintain a tree garden in the campus named Shanthisthal, a place where rare, endangered and threatened plants were kept growing, maintained by the Biodiversity Club under the sponsorship of Kerala State Biodiversity Board Thiruvananthapuram. The following faculties are in charge of the club;

Dr. N Ratheesh, Dept. of Botany	(Co-ordinator)
Dr. S. Sheeba, Dept. of Zoology	(Member)
Dr. N. Shaji, Dept. of Botany	“
Dr. P.S. Preetha, Dept. of Botany	“
Dr. Latha Sadanandan, Dept. of Botany	“
Smt. Smitha Prakash Dept. of Malayalam	“

Some of the activities conducted by the club listed below:

1. Planting new seedlings at Santhisthal

The main activity of the club is to maintain the shanthisthal, a garden of rare and endangered and threatened (RET) plants. New additions were made by student members. They were collected from their own localities and make protect them..

2. Regular maintaining activities at Shanthisthal

The club members make four groups among themselves to perform the maintenance activities at Shanthisthal. Each day one group perform

weeding, watering and other activity at evening time. Like- wise all the four groups perform their activity from Monday to Thursday. Friday all the four groups jointly perform the activities. Possible Saturdays all the group members and coordinators were assembled at Shanthisthal to perform campus cleaning, weeding, etc.

3. Waste management Programme

Our members were actively participated in the waste management programme. They collected the waste materials from each department and sort out the degradable and non degradable and put in container installed in the campus.

4. Observation of important days

With the support of various agencies, Club members were observed important environment days like National Science Day, World Forestry Day, Wet land Day, Ozone day etc.

5. Observation of World environment day 2018

World Environment Day is the United Nations' (UN) most important day for encouraging worldwide awareness and action for the protection of our environment. Since it began in 1974, it has grown to become a global platform for public outreach that is widely celebrated in over 100 countries. World Environment Day is the "people's day" for doing something to take care of the Earth. Each World Environment Day is organised around a theme that focuses attention on a particularly pressing environmental concern. The theme for the World Environment Day 2018, "Beat Plastic Pollution". The theme invites everyone to consider how they can make changes in their everyday lives to reduce the heavy burden of plastic pollution on our natural

places, our wildlife - and their own health. While plastic has many valuable uses, we have become over-reliant on single-use or disposable plastic - with severe environmental consequences.

On Tuesday, June 05, 2018 we celebrate World environment Day by planting beautiful tree sapling in our College Premises. It was inaugurated by our Principal Dr. C. Anitha Sankar. Our College Alumni members along with our Biodiversity Club Members were present on the occasion. Ten sapling were planted on the occasion.

6. Observation of World Ozone day

The Montreal Protocol, the international treaty that protects the ozone layer, has been also keeping our planet cooler for years: it helped phase out ozone-depleting substances that are also potent warming gases. On 16 September 2018, World Ozone Day, the Secretariat of the Protocol will urge everyone to “keep cool and carry on” by celebrating the work so far, continuing to protect the ozone layer and accelerating action to take an even bigger bite out of climate change.

The Montreal Protocol came into being over 30 years ago in response to the revelation that chlorofluorocarbons (CFCs) and other ozone-depleting substances – used in aerosols, cooling and refrigeration systems, and many other items – were tearing a hole in the ozone layer and allowing dangerous ultraviolet radiation to flood through.

Under the Protocol, nations commit to slashing the production and use of these substances, which are also greenhouse gases and so major contributors to global warming. As a result, the ozone layer is now healing and will return to 1980 levels by mid-century. Up to two million cases of skin cancer may be prevented each year by 2030, and the planet is cooler than it would otherwise have been.

Observation of Ozone day was conducted in the College on 17 September 2018, with a class on Ozone depletion and its consequence on plants by Dr. N. Ratheesh Coordinator, Biodiversity Club. All club members and charge teachers were participated in the programme. Student coordinator H Kiran delivered the welcome speech and Aavani Surya of second year Botany delivered the vote of thanks.