

**Club Activities 20-21**  
**SN COLLEGE, KOLLAM**  
**Bhoomithrasena Club**

2<sup>nd</sup> February 2021

A webinar was organized by Bhoomithrasena Club, the department of Zoology and NSS Unit 27(A,B) on 2<sup>nd</sup> February 2021 from 6pm-7:30pm. The main purpose of this event was creating awareness regarding the importance of wetlands and wetland conservation in Kerala. Dr.P.Harinarayanan, Principal Scientist KSCSTE, Trivandrum was the resource person for the webinar. Dr.R. Sunil Kumar, Principal SN Kollam inaugurated the webinar with his words of support and encouragement. Dr. B.T Sulekha, HOD Zoology delivered the introductory speech and welcomed all of us.

About 100 students and teachers from various departments of SNC were present during the webinar. Dr.P. Harinarayanan Sir gave an informative speech on the importance of wetlands in Kerala with support of his identifying Powerpoint Presentation. He added in his speech that wetlands are crucial as it support the biodiversity, soil formation, nutrient cycling, pollution control and regulate climate, hydrological regimes, natural hazards and biological regulations. He also described about the aesthetic value of wetlands in Kerala as our culture is so in touch with them and mentioned about the various historical, scientific and cultural values of wetlands. The webinar was overwhelmed with his knowledge in how wetlands becomes 'the kidneys of nature'. He reminded us that wetland are not only beneficial for mankind but also for the birds, fishes and other organisms as they breed, nests, feed and find shelter in wetland. He enlightened all the participants about how wetlands are connected with the Earth's water distribution.

As the end of the event was approaching he concluded the webinar with the various driving forces such as agriculture, mining, deforestation etc that put negative pressure and impact on wetland. He mentioned about the '17 suitable development goals' to transform our world which was an eyeopener for all of us.

The programme was concluded by Dr.Rejith with his thanks giving speech. The team of student participants, coordinators together with the resource person Dr. P. Harinarayanan turned out the webinar on Wetland and Water a huge success.

## **World Environment day celebration 2021**

June 5, 2020

The front courtyard of Sree Narayana College will soon have an artificial forest. Bhoomithrasena Club members of the college planted many types of sapling of fruit plants and rare medicinal plants and trees. As a part of the world Environment day celebrations on June 5,2020, Principal Dr. R. Sunilkumar Inaugurate the Programme and planted fruit bearing plants on the planning to increase the green cover on the campus as part of its activities supporting reduction of carbon footprint.

The Club members plan is to plant more fruit tree saplings in the area and expand its green cover over the next few years and considering modern methods like the Miyawaki, a technique of growing dense plantations in a short time, pioneered by Japanese botanist Akira Miyawaki. Miyawaki method is the best way to create green cover in urban spaces. The method assures that plant growth is 10 times faster and the resulting plantation is 30 times denser than usual. It involves planting dozens of native species in the same area, and becomes maintenance-free after the first three years.

The Bhomithrasena club conducted this programme in association with National Service Scheme (Unit 27; A,B), Sree Narayana College, Kollam.

Samplings of Fruit plant varieties such as Mooti fruit, Orange and Chinese orange fruit, Indian Gooseberry(Nelli), Custard apple, Chambakka(Rose apple), Lubikka or lololikka, Njaval (Black plum), Pomegranate, Sugar apple, Sheema nelli (star gooseberry), Guava(pera), Seemaplavu(Bread fruit), Drum stick, Kudampuli (Malabar Tamarind), Lemon, Papaya, Tamarind, Citrus plant varieties, Mango, Jackfruit, Passiflora, Avacado, Mullatha ( Soursop), varieties of Rambutan, and Agathi Keerai(The vegetable Humming bird) and Medicinal plants and trees like Krishnatharu, Lekshmitharu, Neermaruth, Koovalam, Denthapala, Seelanti, Mahagony, bamboo etc. are planted.

The green cover on the campus plays a major role in reducing carbon footprint and increasing the green cover on the campus is the best way to growing fruit trees. It will not only increase the greenery but also beautify the front courtyard. Fruit trees will attract more birds to the campus. The plan is to create a forest-like environment on the campus which will act as a lung for the city, It should become a natural forest cover without affecting the existing trees.

All the fruit bearing plants make the campus become edible. There are fruit trees of many varieties around campus, ensuring that every student can have a chance to pick their favorite fresh fruit.