

**BHOOMITHRASENA CLUB (BMC-168/TSR/21/11)**  
**VIMALA COLLEGE, THRISSUR-9**

**Objectives**

- To provide environmental education opportunities for college students and involve them in addressing environmental issues of the locality.
- To utilize the enormous manpower available with college students as conduits for awareness of the society.
- To make students practice and advocate sustainable lifestyles.

**Faculty Coordinator**



**Dr Feebarani John**



## ANNUAL REPORTS

- APRIL 2019-MARCH 2020
- APRIL 2020-MARCH 2021
- APRIL 2021-MARCH 2022

# APRIL 2021-MARCH 2022

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### 1.OBSERVATION OF WORLD WETLAND DAY- 2<sup>ND</sup> FEBRUARY

- POSTER MAKING
- VISIT TO MANGROVE FOREST
- STUDY OF WATER QUALITIES
- STUDY OF BENTHIC ORGANISMS OF MANGROVE

### 2.VEGETABLE CULTIVATION

#### 1.OBSERVATION OF WORLD WETLAND DAY- 2<sup>ND</sup> FEBRUARY

- Poster Making

**WORLD WETLANDS DAY 2022**

**THEME: WETLANDS ACTION FOR PEOPLE AND NATURE**

**Historical Overview**

- **World Wetlands Day** is celebrated every year on **2 February** to raise awareness about wetlands.
- This day also marks the anniversary of the Convention on Wetlands (**Ramsar Convention**), which was adopted as an international treaty in 1971 in Ramsar, Iran.

**What is a Wetland?**

A *wetland* is a land area that is saturated with water, either permanently or seasonally, such that it takes on the characteristics of a distinct ecosystem. They are among the most diverse and productive ecosystems.

**Status and Trends**

**NATURAL WETLANDS ARE DISAPPEARING THREE TIMES FASTER THAN FORESTS**

20% of global wetlands lost in 80 years (1970-2010)

35% lost since 1970s

85% lost since 1950s

- Wetland dependent plants and animals are at **risk of extinction**.
- Human wellbeing, livelihoods and the health of the planet are threatened.
- It is urgent that we **raise national and global awareness about wetlands**.
- World Wetlands Day is the ideal time to increase people's understanding of these critically important ecosystems.

**Value Wetlands**  
Biodiversity Hotspots  
Fresh Water Storage  
Carbon Sinks  
Source of Life Photos

**STOP DRAINING**  
THE LIFE FROM WETLANDS  
SEE WETLANDS

**REWET REFOREST RESTORE**  
WETLANDS

♦ This year's celebration of **World Wetlands Day** is especially significant — as on 30 August 2021, the UN General Assembly adopted a resolution that established **2 February** as **United Nations International Day**,— inviting all 193 UN member states to observe the day, **opening the door for greater global visibility for wetlands**.

♦ The theme for the year 2022 highlights the importance of actions that ensure that wetlands are conserved and sustainably used.

♦ The overriding message behind this year's campaign is to **Value, Manage, Restore**, and of course- **Love** - Wetlands, because if we are to inspire action, we also must ignite greater empathy for these rapidly disappearing ecosystems.

- ✓ **Value** wetlands for the multiple benefits and nature-based solutions they provide for human well-being and a healthy planet.
- ✓ **Manage** wetlands wisely and use them sustainably so we can conserve them and maintain the health of these critically important ecosystems.
- ✓ **Restore** lost and degraded wetlands to revive the rich biodiversity and life found in these life-sustaining ecosystems.

168/TSR/21/11... BHOOMITHRASENA CLUB, VIMALA COLLEGE, THRISSUR.

- **VISIT TO MANGROVE FOREST**

As a part of Wetland Day celebrations, a field visit was conducted by student representatives to Chettuva Wetlands of Thrissur district on 7<sup>th</sup> Feb 2022( under covid protocol) . Water samples and sediments were collected for analysis.



**CHETTUVA MANGROVE FOREST ,THRISSUR**

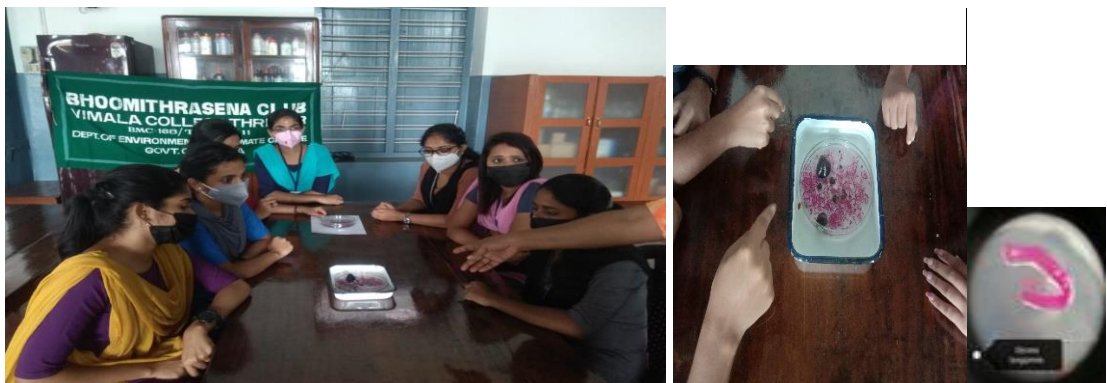
### 1. HYDROGRAPHY

Water samples were collected. Salinity, pH, temperature and dissolved oxygen were analysed.

STATION	pH	TEMPERATURE (°C)	SALINITY (ppt)	DO (mg/L)
Chettuva	6.7	32	33	6.36

### 2. BENTHIC FAUNA ANALYSIS

The sediment samples were collected and were immediately transferred to 10% formalin with Rose Bengal stain. Later, the samples were sieved and sorted. Samples were then observed under a microscope. Most of the fauna obtained were polychaetes



Students examining the **Polychaetes and molluscs**

## 2.VEGETABLE CULTIVATION

The club is maintaining a vegetable garden. Students are actively participating in Vegetable Cultivation



## **APRIL 2020-MARCH 2021**

### **1.OBSERVATION OF GANTHI JAYANTHI**

#### **2.AWARENESS VIDEOS on COVID 19**

##### **1.How to make mask**

[https://youtu.be/xkltqdh\\_9dc](https://youtu.be/xkltqdh_9dc)

##### **II.How to wear mask**

<https://youtu.be/fZco-Wnqr>

##### **III.Personal hygiene during Covid awareness programme programme**

<https://youtu.be/Y7y1vN0Wujc>

##### **IV.Vegitable cultivation**

<https://youtu.be/MFEs9dyZNSo>

### **3.OBSERVATION OF INTERNATIONAL BIODIVERSITY DAY 22<sup>nd</sup> May**

## 1.OBSERVATION OF GANTHI JAYANTHI

An online essay writing completion was conducted in connection with ganthi jayanthi.16 students were participated.E-Certificate was given to winners.



## 2.AWARENESS VIDEOS on COVID 19

Club members prepared following videos and circulated in students whats app group and uploaded in youtube

### 1.How to make mask

[https://youtu.be/xkltqdh\\_9dc](https://youtu.be/xkltqdh_9dc)

### 2.How to wear mask

<https://youtu.be/fZco-Wnqr>

### 3.Personal hygiene during Covid awareness programme programme

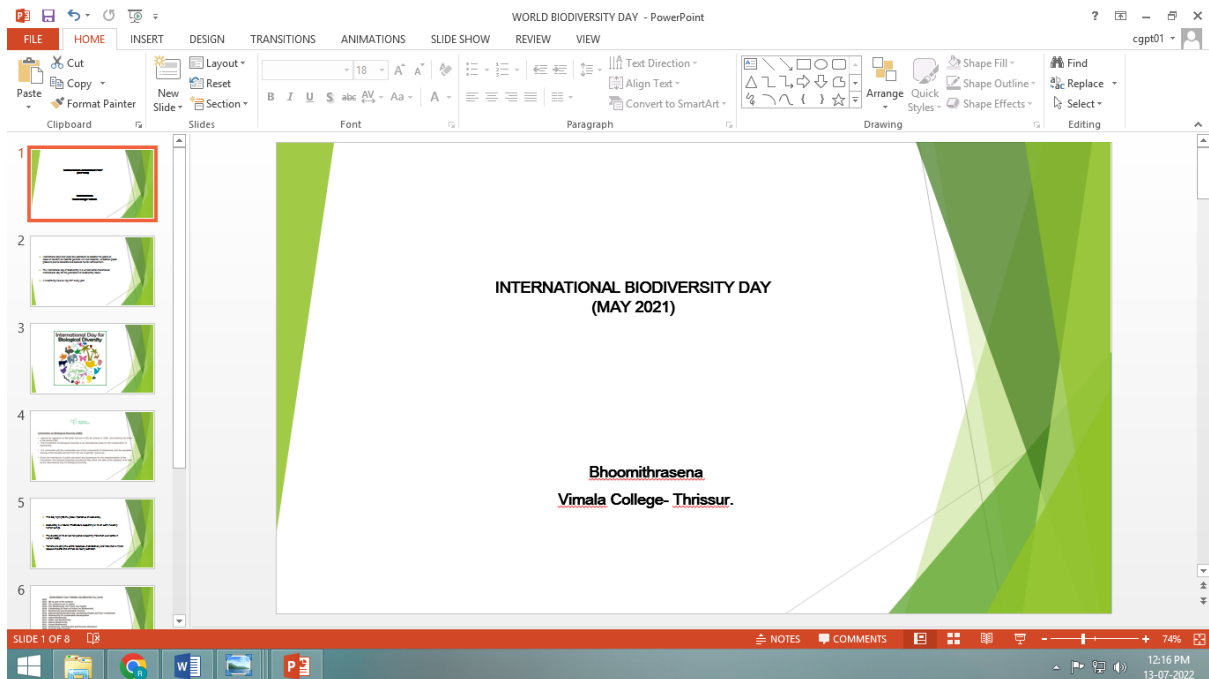
<https://youtu.be/Y7y1vN0Wujc>

### 4.Vegetable cultivation

<https://youtu.be/MFEs9dyZNSo>

### 3.OBSERVATION OF INTERNATIONAL BIODIVERSITY DAY 22 May

Club members prepared a power point presentation and circulated among the student group





## **ANNUAL REPORT APRIL 2019-MARCH 2020**

### **1. PLASTIC LIMITED CAMPUS PROGRAMME**

- **Paper pen making**
- **Paper file making**
- **Paper bag making**
- **Distribution of paper bags in the community**

### **2. VEGETABLE GARDEN**

### **3.FIGHT AGAINST CORONA**

- **Poster Making and Awareness Programmes**

## 1. Plastic Limited Campus Programme

A work shop was conducted on Paper Pen Making on 16<sup>th</sup> September 2019. On the same day students were also trained to make paper covers too.



Paper Pen Making



Paper Bag Making

A work shop was conducted on Paper file Making on 18<sup>th</sup> September 2019. 33 students actively participated and prepared the files for their use.



Paper File Making

## 2.VEGETABLE CULTIVATION

The club is maintaining a vegetable garden. Students are actively participating in Vegetable Cultivation



## 3.DISTRIBUTION OF PAPER BAGS IN THE COMMUNITY

On January 21<sup>st</sup> 2020 the club members distributed paper cover to the shops in the premises of the college.



#### 4. WORLD WILDLIFE DAY OBSERVATION



In connection with world wildlife day an essay writing was conducted on how wildlife controls the balance of ecosystem on 6<sup>th</sup> March 2020. 22 students participated for the programme.

#### 5. Fight against Corona

First Covid 19 case in India was detected in Thrissur district of Kerala on 29th January 2020. The club members made awareness programme in the campus about the precautions to be taken to prevent the spread of Covid -19 during the first week of March 2020 before lockdown .



Covid -19 Awareness Programme in the campus before lockdown 2020 March

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