

# FATIMA MATA NATIONAL COLLEGE

AUTONOMOUS

(Reaccredited with 'A' Grade by NAAC)

Affiliated to University of Kerala



## 7.1.6 Beyond the Campus Environment Promotion Activities

**IQAC** INTERNAL QUALITY ASSURANCE CELL

### 7.1.6: Beyond the Campus Environmental Promotional Activities

#### Kollam Beach Clean Up

Around 75 students of the Department of Zoology and Environmental Activities club cleaned a portion of Kollam Beach on 03 March 2018. The event was organized with the support of Kollam Social Forestry Division and Kollam Corporation. The students collected more than 8 sacks of plastic waste from the beach in less than 90 minutes. Ice cream cups, disposable spoons, wrappers of sweets and snacks, broken toys, footwears, thermocol, PET Bottles of water soft drinks and carry bags formed the bulk. The sealed sacks containing the plastic waste was handed over to the corporation waste handling officer for proper disposal.



#### Wetland Conservation Awareness Programme

An awareness class on environmental concerns was conducted by the P G and Research Department of Zoology, 14<sup>th</sup> April 2019, to investigate water pollution issues and the level of environmental awareness among the people who lived in the premises of Vattakkayal, Kollam. The residents were asked to work collectively for the protection of earth and emphasised on the need to build a greener world and adopt green ways of life. As part of the project a



survey was conducted among the residents. Results from the study revealed that even though people are becoming increasingly aware of environment and environment related problems, they do not actively participate in the protection and improvement of environment. Hence, we identified the need to raise their awareness and encourage positive behavioural change. This alone will stimulate their interest in environment and make them assume certain level of responsibility towards environmental protection and improvement. Some of the suggestions obtained from the interaction session were that the area required more rain water harvesting systems, proper waste management, promotion of water quality monitoring programmes, prohibition of encroachment, and more institutional and stakeholder engagement in order to encourage environmental protection. The people took an oath to prevent the environment from pollution to the maximum level possible.





### **Field Trip and Assessment of Mangrove Ecosystem**

As part of the UG curriculum practical, Final year B.Sc Zoology students were taken to Ashramam Mangrove Ecosystem. Students got an opportunity to familiarise themselves with different types of mangrove trees and their associates. The importance about the mangrove ecosystem was discussed. Water quality assessment like dissolved Oxygen and PH were analysed at



the site itself. Nursing grounds of various fishes were also observed live by the students in the mangrove ecosystem.

### **Plastic Bottle Collection Drive - 2018**

As part of the **World Environment Day Celebrations 2018**, the Department of Zoology, and members of Environment Club, with the support of KSCSTE Thiruvananthapuram, organized a Plastic Bottle Collection Drive. "Beat Plastic Pollution and Reduce your Plastic Footprint" was the motto of the event. The initiative was a grand success with 132kg of discarded plastic disposable bottles picked up by the staff and students and the NSS volunteers of the college. These discarded bottles would have ended in landfills or clogged the drains or landed in water bodies and continued polluting the atmosphere. The collected bottles were handed over to Mr. Benzil Job of M/s SIGNET RING General Trading LLC, Mundakkal for recycling.



### **Swacch Bharat Mission**

Swacch Bharat Abhiyan or Swachh Bharat Mission is a nation-wide campaign in India for the period 2014 to 2019 that aims to clean up the streets, roads and infrastructure of India's cities, smaller towns, and rural areas. A team of NCC cadets participated in the cleaning campaign at Kollam, which was undertaken by 7(K) BN NCC, Kollam.



### **Cleanliness Drive at Kollam Railway Station**

40 NSS volunteers participated in the cleanliness awareness programme in Kollam Railway Station. The volunteers took part in cleaning activities, pasting awareness posters and giving messages to passengers in the station. It was a programme arranged by the office of the Station Manager, Kollam Railway Station in observing “SwachhthaPakhwada” under Swachh Bharat Initiative.

### **Swachhtha Hi Seva: Cleaning Public Place- Mulankadakom Public Cemetery, Kollam.**

On 23<sup>rd</sup> September 2017 more than hundred students, NSS volunteers and NCC cadets, undertook the cleaning of the Kollam Public Cemetery. The field to be cleaned was divided into four regions, and the students were divided into four groups. First they removed the waste materials like plastic, rubber, waste clothes etc. Then they tilled and removed the grass and cleaned the field. Mr.Gopakumar U. R., Asst. District Coordinator, Suchithwa Mission, Kollam visited the area and appreciated the work of the students.







**Survey on Vector Borne Diseases in Collaboration with the District Malaria Office, Kollam**

As part of the communicable disease prevention and control campaign of the District Health Services Department and initiative of the State Government- ‘JAGRATHA’, the members of the Community Health Club and Dept of Zoology participated in a sensitization as well as Dengue vector surveillance programme on 9-1-2018, 16-1-2018 and 17-1-2018. The orientation programme was conducted in the Dept of Zoology by Mr. Suresh T., District Malarial Officer, who spoke about the different mosquitoes prevalent in our region, their larval forms and their identification, how to conduct the survey, how to calculate the various indices necessary to identify high risk areas for dengue, etc. The 2 day vector surveillance programme was conducted on the 16th and 17th of January 2018. The members were split into teams of 6, each team being accompanied by a staff of the Health Department. 35 houses were identified by each team in a day. Each house was surveyed for



the presence of dengue larva, and the house members were told how to get rid of them. The members also helped destroy active sites by pouring kerosene in the infected water bodies. Certificates of participation were distributed to the all students who participated in the survey by the District Medical Officer, Mrs.Sandhya.



### **Suchithwa Mission Activities**

The Annual Special Camp of NSS units of the College was conducted at Govt SNDP School, Pattathanam, Kollam. 100 volunteers participated in the camp. The volunteers conducted a rally to create an awareness about the Suchithwa Mission activities. They also cleaned and washed the kitchen in the camping school and painted the room.

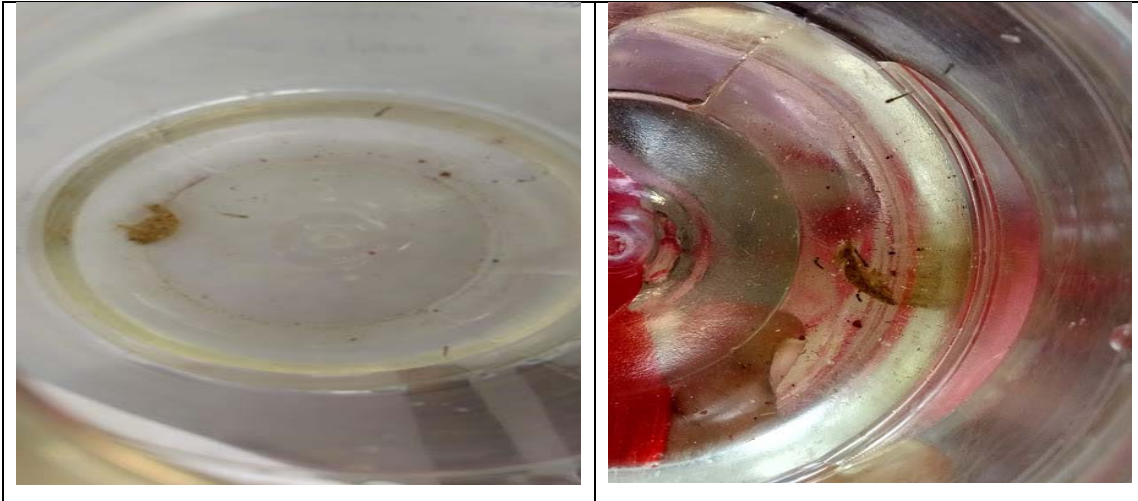
### **Survey on “Vector Borne Diseases”**

On 14-3-2019 & 15-3-2019, the Community Health Club and Zoology Department in co-ordination with the District Medical Office, Kollam conducted an orientation class on ‘Vector Borne Diseases & its control measures’. On 15-3-2019, the members visited the survey site i.e. the area sandwiched between the beach and the Kollam canal. The group was divided into six, each comprising of 5 students and an official from the District medical office. Each and every house in the area was checked for mosquito larval infestation and those affected areas were rid of larvae. The house members were also instructed as to how to keep their surroundings neat and tidy and to avoid breeding places of mosquitoes.



The mosquito larvae obtained during the survey





The club members with the District Medical Office team officials at the survey site



### **Suchithwa Mission Evaluation Ceremony**

Mrs.AsaStephen(NSS P.O.) and Dr.GrettaIldaphonsa (Vice-Principal) attended the Suchithwa Mission Evaluation Ceremony in Collector's Chamber, Kollam. They received the award for the FMNC NSS Units for the third place in the Swacchtha Hi Seva activities which was pooled for the institutions in the district.

### **Mass cleaning of residential areas along the coastal regions of Port Kollam Tsunami colony**

Eco Club members in collaboration with Harithagheham, Environment wing of Catholic Welfare Association, Diocese of Quilon organized a one day cleaning programme on October 4<sup>th</sup> Saturday 2014 at Tsunami residential colony Moothakkara Kollam. The Club members took awareness classes on domestic waste management for the residents of the colony, and also cleaned the entire area.

### **NSS annual special camp: Ten vegetable gardens created at 5 houses at Parimanam:**

NSS volunteers as part 'Poison Free Vegetables Campaign' set up vegetable gardens on 25<sup>th</sup> January 2015. The programme was organized after an orientation session on 'Grow Bag Vegetable Cultivation' led by Dr. Shaji, Assistant Agriculture Officer, Kollam.







**Survey on ‘Conservation of Nature and Health’:** In collaboration with Kerala Forest Department, NSS volunteers of FATIMA conducted a survey on ‘Conservation of Nature and Health’ on 20<sup>th</sup> December, 2015, among the households of Pattathanam, Kollam. This survey was conducted based on a predefined questionnaire giving emphasis on the most required plants in and around each houses, and saplings were supplied free of cost to the households.

**Rhythms of Fatima-Green Thoughts:** As part of the weekly radiobroadcasting (Every Tuesday at 5.15 pm and repeatbroadcast on every Wednesday at 11.00 am) through Radio Benziger107.8 FM, the members of the FATIMA Green Band deliver short duration (5 minutes) lectures on topicsrelevant to the environment and its conservation. It is an environment education programme available to the people within the reach of Radio Benziger broadcasting.

**Nature Camp with students of Govt L.P.S., Munroe Island, Kollam:**The Department of Botany organized a one day Nature Camp at Govt. L.P.S., Munroe Island, Kollam for the school children from LKG to4<sup>th</sup> standard on 15<sup>th</sup> August 2019.A total of 60 students from UG and PG, Research Scholars, former students and teachers of the department participated in this camp. The first session was an interactive session. In this session, students of Fatimaintroduced the beauty and diversity of nature by narrating stories, songs and also helped the school children to makevarious craft items using eco-friendly materials. The children were made aware of the necessity of a plastic free Monroe Island, and also on the importance of reforestation by planting trees.





