

SREE SANKARA COLLEGE, KALADY

BHOOMITHRA SENA CLUB

(BMC-248/EKM/21/13)

ACTIVITY REPORT 2019-2020

DETAILS OF ACTIVITIES

World Environment Day Celebration

In connection with World Environment Day BMSC members of Sree Sankara College gathered in front of the campus. Principal addressed the gathering. Coordinator Dr. Mini K.D briefed the significance of celebrating WED. Principal Dr. A. Suresh inaugurated the function

1. Release of the Annual Report 2018-19

The Annual report of BMSC activities were released by Sri.C. P Jaysankar COO, Adi Sankara group of Institutions released the annual report and handed the copy to Dr. Shaju Thomas Chief guest of the day.

2. Cleaning the backside of the campus

The volunteers were called for the monsoon cleaning on 5th June. They cleared the litter accumulated in the backside of the campus and dumped it in the pit.

3. Poster and Essay competitions were conducted among the students of various departments of the Institution.

Detailed Report of World Environment Day Celebration

“WORLD ENVIRONMENT DAY- 2019” CELEBRATION

Organized by

Bhoomitrasena Club & Dept. of Zoology, Sree Sankara College, Kalady

Supported by Kerala State Council for Science, Technology and Environment

Evaluation

Theme: ‘Beat Air Pollution’

World Environment Day 2019 was hosted by China, with a theme of "**Air Pollution**". We can't stop breathing, but we can do something about the quality of air that we breathe.

Approximately 7 million people worldwide die prematurely each year from air pollution, with about 4 million of these deaths occurring in Asia-Pacific. World Environment Day 2019 will urge governments, industry, communities, and individuals to come together to explore renewable energy and green technologies, and improve air quality in cities and regions across the world.

World Environment Day (WED) is a campaign celebrated every year by the people worldwide on 5th of June. Environmental issues are serious problems which everyone must be aware and give their sincere efforts to solve such issues. Students can contribute a lot to minimize the issues like pollution, global warming etc.

World Environment Day 2019 provides an opportunity for each of us to combat air pollution around the world. The impact of air pollution on environment is a very serious topic of global attention. Extreme weather conditions, industrial emissions, automobile exhausts, expanding population, natural disasters such as heat waves and wildfires pollute the air we breathe and also bring our ecosystem out of balance. It is high time for responsible citizens to come together to resolve this issue and make planet earth a greener, healthier and happier place to live. In order to focus the attention of students in this burning issue of air pollution Bhoomitra sena club and Department of Zoology jointly organized a seminar and Intercollegiate Collage & Quiz competitions on the focal theme 'Beat Air pollution'.

The Programmes organized were:

1. Talk by Dr. Shaju Thomas, Retd. HOD, Dept. of Zoology, Nirmala College, Muvattupuzha and a renowned Environmentalist.
2. Intercollegiate Collage & Quiz competition based on 'Beat Air Pollution'

The registration started at 9.30 am. Contestants from six colleges participated in the programme..

Colleges participated:

UC Aluva

St.Xavier's Aluva

Morning Star Ankamaly

St.Peter's Kolenchery
Sree Sankara Kalady
Marthoma Perumbavoor
Bharat Mata Thrikkakara

REPORT OF ACTIVITIES

The programme began at 10 am with prayer by Pradheeksha R Menon and Ardhra J. Modi of II-year Zoology. The Coordinator of Bhoomitrasena club Dr. Mini K D welcomed the gathering. Principal, Dr. Suresh A officially inaugurated the function and delivered the inaugural address. Prof. C. P Jaishankar COO of Sankara group of institutions felicitated the programme. The release of the annual report 2018 – 2019 was done by handing over the copy to Dr. Shaju Thomas by Prof. C. P Jaisankar.

224 Participants from 7 colleges attended the function.

Quiz competition based on LSRW

The quiz was planned to organize based on the listening, speaking, reading and writing skills of students. An audio clip based on Air Pollution was played before the contestants and they were instructed to listen and prepare well to present the content, answer the questions etc. 48 students from various colleges participated. As the number of contestants were found exceeding the limit, a screening test was conducted and the first ten from them were selected. All participants contributed well. The session was so interesting that the audience also seen answering their turn. Prof. Prasad Sekhar of Economics and Prof. Sreedevi N S of English department lead the quiz. Dr. Kairali and Dr. Jesitha were the Judges. A collage competition based on the focal theme was also organised. 20 participants did the collage. Dr.Manjula R and Dr.Jee G judged the posters.

Talk on 'Air Pollution and Human Health'

Dr. Shaju Thomas (Retd. Head of Dept. of Zoology)

In the seminar, the speaker spoke on *Air pollution* which is a major concern of new civilized world, which has a serious toxicological impact on *human health* and the environment. Air pollution is considered as the major environmental risk factor in the incidence and progression of some diseases such as asthma, lung cancer, ventricular hypertrophy, Alzheimer's and Parkinson's diseases, psychological complications, autism. The session was very informative.

The prizes were announced after the session. In Collage UC College Aluva, St.Peter's Kolenchery and Sree Sankara College Kalady secured I, II and III Prizes. Morning Star Ankamaly, St.Xavier's Aluva and Sree Sankara College Kalady got I, II and III Prizes respectively in Quiz competition Principal Dr. Suresh A gave away the prizes to the winners. Jeesa Benny of III-year Zoology proposed vote of thanks. The programmes came to an end at 4.00 pm.

PHOTOS OF EVENTS

Dignitaries on the dais



Prayer



Welcome by the Coordinator Dr. Mini K D



Inaugural address by Principal



Release of BMSC Activity Report 2018 – 2019



Dr. Shaju Thomas taking class



Dr. Mini K D introducing the Quiz Masters



Quiz - LSRW based instructions by Sri. Prasad & Smt. Sreedevi



Presentation of the topic by contestants



Judges' announcement of results



Collage Display



Prize Distribution



Vote of Thanks



Tree planting in the campus by Dr.Shaju and Dr. Mini



Banner



4. Donating steel trays to society

As per the decision taken in the meeting, BMSC purchased steel trays and Coordinator Dr. Mini K D handed it over to Chellappan Chetan.

18/7/19

Students emptied the bins placed different spots in the campus.

26/7/18

BMSC volunteers took part in marking the buckets and cups bought by IQAC and distributed in various departments

30/8/19

Two more metal waste bins were bought and installed I the campus.

31/1/19

BMSC volunteers cleaned the campus ad emptied the waste bins.

Cleaning the Campus

As per the decision taken in the meeting, BMSC members divided the entire group and charted duties to each group. The members did the cleaning of litter, emptying the waste bins, washing the walls of the building etc.

16/9/19

The BMSC volunteers and the students of various departments holding placards depicting the Ozone day theme of 2019 conducted a rally in the campus.

Ozone day Poster Competition

Many students participated in the competition actively, performed well. Ashna Sreekumar of first year Zoology bagged the first prize.

24/9/19

BMSC volunteers planted medicinal plants in the herbal garden area of the campus.

3/10/19

Students involved in the cleaning activities in connection with Gandhijayanthi celebration. BMSC volunteers manured the plants in the herbal garden.

(k) Details of activities undertaken

The Management shared the financial burden in the purchase of the incinerator which was bought from Athani.

6/11/19

Inauguration of Incinerator

The formal inauguration of the incinerator was on 6th Noveer. Prof CP Jaysankar, COO inaugurated the incinerator. Principal gave a brief note on keeping cleanliness in the campus.

8/11/19

Cleaning the Campus

As per the decision taken in the meeting, BMSC members divided the entire group and charted duties to each group. The members did the cleaning of litter, emptying the waste bins, washing the walls of the building etc.

22/11/19

Bhoomitrasena packed the vermicompost produced in the campus itself. The packets were kept for sale.

13/12/19

Students involved in the cleaning activities in the campus
BMSC volunteers manured the plants in the herbal garden.

14/12/19

The trees planted by Bhoomitrasena club were labelled and name boards were put on each trees.

18/12/19

A competition among the students in making handicrafts was organized. Many students participated.

30/12/19

Jute bag designing competition was conducted among the BMSC students. Many participated and the bags came out very nicely. We dcided to exhibit the designed bags in the fest.

31/12/19

The 2-day seminar organized by Bhoomitrasena & Zoology department which was sponsored by the Management and an initiative of IQAC. 225 participants were present including teachers.

8/1/2020

The meeting of BMSC volunteers and the Faculty discussed the visit of DoEACC officials to evaluate the BMSC activities & select the best Bhoomitrasena club.

18/1/20

Cleaning of the campus and emptying the waste bins

The biogas plant in the canteen was serviced by the technical persons.

31/1/20

The Coordinator organized a demonstration class on making the useful from the useless. Making of several products like paper pen, pen stand, bottle arts, curios etc. were demonstrated.

4/2/2020

Management agreed to take immediate action to solve the problem of drinking water. An unused concrete tank placed in the back side of the campus was cleaned and did the necessary repair and painted. Water was filled in the tank and now it is available for students.

10/2/20

In association with Health Centre Kalady and NSS, BMSC distributed Albendazole tablets to all the first-year degree students on Deworming Day.

15/2/20

Bhoomitrasena volunteers wiped and washed the walls of Science block. They planted flowering plants seeds in the campus.

7/3/20

With the help of Management and Principal, varieties of flowering and ornamental plants were planted. Recycled waste water project installed for watering the plants.

12/3/20

Indoor plants were set in the library.

Further activities were temporarily suspended due to Corona threat

TEACHING SCIENCE AMIDST CALAMITIES
2 DAY SEMINAR ORGANISED BY DEPT. OF ZOOLOGY
31st DECEMBER 2019 & 1st January 1st 2020

PROGRAMME

31/12/2019 FN Session

10 am – 12.30 pm

Prayer	Devika Babu
Welcome	Dr. Mini K D (HOD, Zoology)
Inauguration	Dr. Suresh A (Principal)
Felicitation	Sri. S. Prasad (IQAC Member)
Key note address	Dr. T.V Sajeew, Principal Scientist, Dept. of Forest Entomology, KFRI

Vote of Thanks	Dr. Minimol K C (Dept. of Zoology)
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AN Session

12.30 pm – 1 .30 pm

Talk	Dr. Abhilash S, Asst.Professor Dept. of Atmospheric Sciences CUSAT
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Vote of Thanks	Jismi Poulouse
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TWO DAY SEMINAR ON TEACHING SCIENCE AMIDST CALAMITIES
(Managemet sponsored IQAC Initiative)

REPORT

The 2-day seminar on Teaching Science amidst Calamities was organized by Dept. of Zoology and Bhoomitra sena club on 31st December, 2019 & 1st January, 2020. The registration started at 9.30 am. 225 participants attended the event. Students from neighboring colleges were also present. Dr. A Suresh Principal, Dr. T.V Sajeew, Principal Scientist Forest Entomology KFRI Thrissur and Sri S Prasad IQAC Member and Faculty of Economics Department were present. The program began with the worship of God by Ms. Devika Babu of I year Zoology. Dr. Mini K D, HOD of Zoology and the Program Coordinator marked the welcome address. Principal inaugurated the event and he emphasized the role of education in equipping the student community to

face the natural disasters. He recapped the 2018 flood scenario of Kalady. Sri. S Prasad, IQAC Member, recorded felicitation. Dr. T.V Sajeev, in the key note 'Learning Science in the Anthropocene towards New Syllabi' he oriented the audience on the need of molding the curriculum which can fit the students to face the calamities effectively and efficiently. The Anthropocene describes the idea of a new geological epoch distinguished by the geological scale of human impacts on the Earth's surface, atmosphere, oceans, and systems of nutrient cycling. Other organisms, like the cyanobacteria that oxygenated the atmosphere two billion years ago, have disrupted earth systems. The first species that's become a planet-scale influence and is aware of that reality?" How do we make sense of this? Does our status as a world-altering species evoke hubris or humility? And what does the shift from the predictable and habitable climate of the Holocene to the climate instability of the Anthropocene mean in terms of our future? He presented the topic effectively and the session was fruitful for all the participants. In the winding up of the forenoon session Dr. Minimol K C, of Dept. of Zoology delivered vote of thanks.

The meeting adjourned for lunch at 12.30 pm.

The afternoon session began at 1.30 pm. Ms. Jismi Poulouse of II-year Zoology welcomed the guest speaker Dr. Abhilash S Asst. Professor, Dept. of Atmospheric Sciences, CUSAT. Dr. Abhilash spoke on the topic 'Climate Change & Challenges in attaining Sustainable Development Goals.' Global environmental challenges, such as impacts of climate change, loss of biodiversity, over-use of natural resources and environmental and health issues, are critically linked to issues of poverty and the sustainability of ecosystems, and consequently, issues of resource security and political stability. Education is an essential element of the global response to climate change. It helps people understand and address the impact of global warming, increases "climate literacy" among young people, encourages changes in their attitudes and behavior, and helps them adapt to climate change related trends. The participants showed deep involvement in his presentation. The session was over by 3.30 pm. Students interacted well after the talk. Ms. Shallot of II-year Zoology delivered vote of thanks.

1/1/2020 FN

11am – 1.30 pm

The session was reserved for oral presentation of based on the focal theme. Nine contestants presented their papers in the seminar and five participated in poster presentation. Ms. Aswathy A.R of III-year Zoology from St. Teresa's College Ernakulam secured the best paper award and Nimisha N.S of St. Xavier's College got first prize for poster presentation. All the participants of the seminar were given participation certificates.

Valedictory Function

2 pm – 2.45 pm

The Convener of the Seminar Dr. Mini K D welcomed the gathering. She shared the feedback of the oral presentation with the contestants. Principal congratulated the entire team Zoology for organizing such a program. Dr. S Mohan marked felicitation Principal Dr. A Suresh distributed the prizes to the winners and certificates to the participants. The program ended at 2.45 pm.

1/1/2020

Bhoomitrasena Fest

Exhibition – cum - sale of Bhoomitra Products

The fest was planned to be inaugurated at 10.30 am. Our COO Jaysankar Sir did the sales inauguration in the presence of Principal, Staff members and the Students. The products involved Jute bags, paper pen, cover, paper carry bags, paper flowers, bottle arts, food items, Bhoomitra sanchi etc. Most of the products sold out.

3/1/2020

Donated waste bin to SSC Credit Society

The Coordinator handed over the waste bin to Chellappan Chetan.

JANUARY 2020

1/1/2020

Second day of the seminar was stuffed with various intercollegiate competitions like quiz, collage, paper presentation, and Poster competition.

Principal distributed the prizes to the winners and certificates to participants.

18/1/2020

Cleaning of the campus and emptying the waste bins. Biogas plant in the canteen was serviced by the technical persons.

31/1/2020

The Coordinator organized a demonstration class on making the useful from the useless. Making of several products like paper pen, pen stand, bottle arts, curios etc. were demonstrated.

February 2020

6/2/2020

BMSC joined with Economics dept in Economics Fest exhibited Bhoomitra products. Many products like jute bag, cloth bag, paper bag, pen etc. were sold out.

10/2/20

In association with Health Centre Kalady and NSS, BMSC distributed Albendazole tablets to all the first year degree students on Deworming day.

15/2/20

Bhoomitrasena volunteers wiped and washed the walls of Scienceblock. They planted flowering plants seeds in the campus

March 2020

12/3/20

Indoor plants were set in the library.

PHOTOS



Indoor Plants set in the Library

All Kerala Environment Literacy Quiz in Covid Lockdown

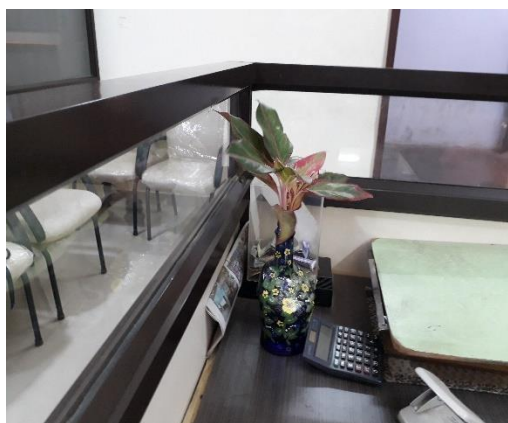
An Online All Keral Environment Literacy Quiz was conducted by Bhoomitrasena club on 27th April. Over 4000 participants attended. Though it was titled “All Kerala Quiz” 100s of students outside Kerala and abroad participated..It was a grant success.

Photo gallery





Principal's Office



Bottle Art with Plants set in various departments



Jute bag designing Competition



Dr. T V Sajeew taking class

Audience



Exhibition Venue





Inauguration of Incinerator bu Sri C P Jaisankar COO



Indoor plants set in the Library



Plantain cultivated by Bhoomitrasena



Coordinator giving class to School Children on Environment & You



Coordinator taking class in the Seminar at Sree Sankaracharya Sanskrit University on Sustainable Devt. & Environment





Lockdown Value time by the Coordinator



All Kerala Quiz.pdf

Model E certificate of Online Quiz