

Institutional Values And Best Practices



SREE SANKARA COLLEGE SANKAR NAGAR, MATTOOR KALADY P.O, ERNAKULAM – 683 574 (Affiliated to MG University)

7.1.3 Report on environmental promotion activities conducted beyond the campus with Geotagged photographs with caption & Date

2018-2019

- 1. Well Water Quality test in Kalady Grama Panchayath. This Program was inaugurated by Kalady Panchayath President Smt. Thulasi
- Date: 8/09/2018 & 9/09/2018
- Organized by: NSS





Project to check water quality

SPECIAL CORRESPONDENT

A pilot project to check the quality of water in wells got under way at Paravoor municipal area and Kalady panchayat on Saturday. The quality check on water is being carried out jointly by the Department of Local Self-Government, Hairtha

Mission and the Kerala State Pollution Control Board, says a press release here on Saturday.

Target .

The project target is to complete tests on water in 3,000 wells within over Saturday and Sunday. Two mobile laboratories each

have been made available in the municipality and the grama panchayat. Volunteers from SNM College, Mallyankara, and Sree Sankara College, Kalady, will collect water samples and take them to mobile laboratories where they will be tested for quality, adds the release.

NEWS PAPER REPORT ON WATER QUALITY CHECK



2. On Gandhijayanthi NSS & Rotary Club of Cochin International Airport Ltd. (CIAL), Jointly conducted a Suchitwa mission Programme and cleaned Mattoor Canal. This programme was inaugurated by Ward Member Eldose.

Date: 02/10/2018Organized by: NSS

• Number of Students Participated: 55

• Collaborating Agency: CIAL and Kalady Grama Panchayath





3. Bhoomitrasena Club (BMSC) volunteers took part in the Rapid Flood assessment survey at Malayattoor Panchayat. Volunteers visited houses in 5 wards like Neeleeswaram, Malayattor, Thottuva etc. and collected information regarding the biodiversity loss after the August flood.

• Club/Committee: Bhoomitrasena Club

• Date: 20/10/2018







4. Rapid Assessment of Biodiversity of Flood Affected Area at Alleppey

Coordinator of BMSC attended 2-day Workshop on Rapid Assessment of Biodiversity of Flood affected areas of Kerala organized by KILA and Kerala Biodiversity Board at Karma Sadan Alleppey. The participants visited the houses severely affected by the flood and recorded the biodiversity loss.



5. Class on the impact of plastics on our environment for the 3rd standard students

Dr. Mini K D, Coordinator of Bhoomitrasena Club of Sree Sankara College, Kalady delivered a class on the impact of plastics on our environment for the 3rd standard students of Sree Sarada Vidyala, Kalady. Students seemed to be highly inspired after the class. They decided to minimize the plastics in school and home. Demonstration class on Paper Pen & bag making Student volunteers of BMSC demonstrated the pen and bag making using paper.

Sale of Paper pens The faculty of Sree Sarada School bought paper pens from BMC team to gift the kids on their birthdays and special occasions.

• Date: 14.11.2018

Number of Students Participated: 10

• Collaborating Agency: Sree Sarada Vidyala, Kalady



5. Cleaning of Temple Premises by NSS – 23.12.2018

As the part of seven-day camp (21/12/2018 - 27/12/2018) NSS volunteers visited ward No.2 of Manjapra Panchayat. The temple premises after the festival were cleared by the volunteers strictly adhering the Green Protocol. The plastics and such non-degradable wastes were disposed properly. An awareness class on the hazards of plastics was given to the temple festival committee and recommended them to use steel plates and glass instead of plastics.

Number of Students Participated: 175



7. Cleaning of Canal – 24.12.2018

NSS – as part of seven-day camp 21/12/2018 - 27/12/2018 -The volunteers actively took part in the canal clean-up programme. They cleared the canal by removing the thickly grown vegetation that blocked the smooth flow of water through the channel.

Number of Students Participated: 175

Collaborating Agency: Nil



8. Cycle Rally for Plastic Awareness – 15.08.2019

As part of Swatchhtha Pakhwada, the NCC Directorate organized a cycle rally on August 15th 2019 from Ernakulum to Thrissur. The rally aimed at creating awareness regarding the hazardous impact of plastic on our environment.

• Number of Students Participated: 55



NEWS PAPER REPORT

2019-2020

8. Swachtha Pakhwada:

NCC Unit had conducted an anti – pollution Rally from Mattoor junction to Sree Sankara College. NCC Cadets had recited slogans throughout the rally for the creation of awareness among the people.

Date:12/07/2019Organized by: NCC



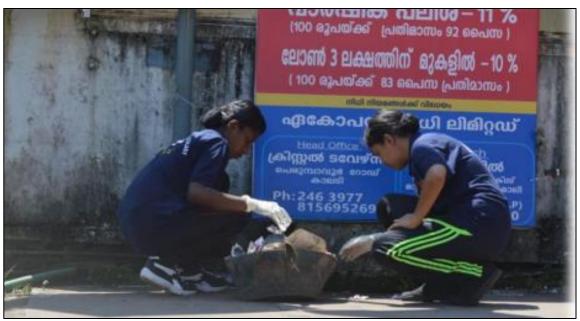




9. On October 2nd NSS commemorated Gandhi Jayanthi in Kalady Grama Panchayath. In this occasion volunteers & cadets cleaned Kalady areas and the private bus stand.

Date: 02/10/2019Organized by: NCC







- 10. In connection with Gandhi Jayanthi celebration, on 3rd October 2019 the Dept. of Economics engaged in cleaning the canal road to the college.
 - Date: 03/10/2019
 - Organized by:Department of Ecconomics

Oct 3 –In connection with Gandhi Jayanthi celebration an extension activity is conducted by the department in collaboration with Panchayat

Cleaning Marotichuvadu canal road









- 11. Swachhata Mission NCC Cadets cleaned the Mattoor Junction. As an attempt to implement alternative to plastics, Cadets distribute paper bags in the nearby shops.
 - Date: 12th July 2019 onwards
 - Organized by: NCC







12. NCC Cadets of Sree Sankara College participated in a cleaning programme organized by Kalady Grama Panchayath and cleaned Kalady and Marottichodu.

Date: 25/01/2020Organized by: NCC



13. PAPER BAGS AND DISTRIBUTED IT IN THE NEARBY SHOPS.2/10/2019 Gandhi Jayanthi celebration in association with NCC and Kalady Grama Panjayath-Kalady town cleaning. This Progamme was inaugurated by Panjayath President Smt. Thulasi.

Date: 02/10/2019Organized by: NCC



14. Training on Flood risk management: A three-day training on Flood Risk Management in the selected areas in and around Kalady was organized jointly by Bhoomitrasena Club and IQAC and funded by Kerala State Council Science Technology and Education, Govt. of Kerala. The training program was inaugurated by Sri. Muralee Thummarukudy, Chief, Disaster Risk Reduction, UNEP. Dr. T.V Sajeev, Research Coordinator, Kerala Forest Research Institute, gave a splendid insight on the topic '2018 Floods: The Big Picture & the Small State'. Dr. K.R Baiju, Associate Professor, School of Environmental Science, Mahatma Gandhi University, Kottayam. He gave an in-depth knowledge in the topic 'Recent Floods and Natural Hazards of Kerala: A Geo scientific Outlook'. A field trip conducted to study about biodiversity destruction in the flood affected areas Kaipattur, Manikiamangalam, Chengal, Vattathara and Kanjoor of Kalady Panchayat. Adv. Harish Vasudevan, Green Activist & Environment law Expert discussed the topic 'Environment Planning in Disaster Risk Reduction'.

Date: 04/1/2019

Organized by: Bhoomitrasena Club and IQAC

Collaboration: KSCSTE,Govt of Kerala







15. Green Carnival Clean carnival - NSS volunteer's & Bhoomitrasena club members participated in green carnival and clean carnival project of Government of Kerala at Ernakulum

• Date: 01/01/2020

Organized by: Bhoomitrasena club & NSS





- 16. High way road cleaning drive- Sree Sankara NSS Unit and Adi Sankara NSS unit in association with Kalady Grama Panjayath organized high way road cleaning at Kalady. This programme was inaugurated by Panjayath president Adv. Thulasi.
 - Date: 25/01/2020
 - Organized by: Sree Sankara NSS Unit, AdiSankara NSS Unit
 - Collaboration: Kalady Grama Panchayath





17. Donation of Saplings to various schools around Kalady

Tree saplings were given to the nearby schools by Bhoomitrasena Club on World Environment Day. Several fruit plants were distributed.

- Organized by: Bhoomitrasena Club
- Number of Students Participated: 15
- Collaborating Agency: Various schools in Kalady



2020-2021

18. Birds Club International is a non-profit organization that aims at promoting interest in birds, conservation of nature and the environment through public campaigning and education. A unit of Birds Club (BCI) was inaugurated in Sree Sankara campus blessed with the rich greenery of diverse flora. It was formally inaugurated by Sri Jayaraj, renowned Film Maker & the Founder of BCI.



19. **Lou Signed Between Bhoomitrasena Club & WWF India**: Directorate of Environment & Climate Change (DoECC) appreciated the activities performed in previous years by Bhoomithrasena club of our institution and selected the club in the ECHO programme of WWF.

WWF-India is one of India's leading conservation organizations with programmes and projects spread across the country. The organization works towards the conservation of biodiversity, natural habitats and the reduction of humanity's ecological footprint. The mission of WWF-India is to stop the

degradation of the earth's natural environment and to build a future in which humans live in harmony with nature. A Letter of Understanding (LoU) is signed between Sree Sankara College and WWF India along with the names of four Student Volunteers and the Coordinator

2021-2022

20. Launching of BCI Units in Institutions

Phase 1

BCI unit of Sree Sankara College initiated the launching of units of the Birds club international in St. Peters College Kolenchery, Bhavans Varuna Vidyalaya, Thrikkakara, Bhavans Vidyamandir Elamakkara, Chinmaya Vidyalaya, Vaduthala Ernakulam and Sri Sarada Vidyalaya, Kalady. The event was conducted in online platform inaugurated by BCI Founder Sri. Jayaraj. State Cordinator Dr. Abhilash R, Principals of the institutions, Staff Coordinators, students attended the function.



Phase II

In the second phase of beginning BCI in various institutions, Sacred Heart College, Thevara, St. Xavier's College Vaikom, Bhavans Vidyamandir, Eroor, Bhavans Munshi Vidyashram, Thiruvankulam, Bhavan's Vidyamandir, Girinagar, Chinmaya Vidyalaya, Tripunithura willingly came forward. The event was officially inaugurated in online platform as the first phase.



Dr. Mini K. D. and four students of Zoology were selected as ECHO CONSERVATION WARRIORS from Kerala. They represented Sree Sankara College and were invited by WWF to take part in the ECHO Project winners meet held in Hyderabad from 17th to 19th January 2023. Sree Sankara College was the only college representing Kerala at the conference.

They presented a project entitled 'Water Conservation Warriors" at the National Meet. Ashwin Krishna Bijulal, Amarjith A., Akash Unni, and Vishnu K. V. were the students selected as ECHO CONSERVATION WARRIORS. Dr. Mini K. D. received the ECHO Best Achiever award from WWF, India. Ashwin Krishna Bijulal, Amarjith A., Akash Unni, and Vishnu K. V. were received mementoes and they

were honoured as ECHO Building Environment Conservation Heroes. They also received certificates for WWF – ECHO Project State Winner 2021-2022.







21. 10.02-2022 (MoU) with PLANatEarth, a reputed non-profit organization working in the field of environmental protection since 2009 to collaborate on projects related to environmental protection activities



22. Swachh Bharath Abyan-NCC, NSS, Bhoomithra sena Club jointly organized Green Kalady –Clean Kalady - Awareness on hygiene maintenance in houses and surrounding areas. Kalady private bus stand and the premises of the Panchayat building was cleared off and the wastes were segregated and given for safe disposal. Institution donated ten waste bins to the Panchayath. Date: 07/12/2021









2022-2023

24. WORLD WETLAND DAY & MANGROVE PLANTING at Vypeen Island- Department of Environmental Sciences celebrated WORLD WETLAND DAY & MANGROVE PLANTING at Vypeen Island.25 students and one faculty participated actively in planting the seedlings and the awareness program conducted on Vypeen Island. These kind of field oriented activities gives the students to build a strong team work and willingness to work in the fragile areas of the ecosystem and to understand the importance of protecting it. Date:02/02/2023



To observe the

World Wetlands Day at

08:00 AM Thursday

2 Feb 2023

Planting 100 mangroves at Valappu Beach, Vypeen Island.





25. ASIAN WATER BIRD COUNT 2023- PATHANAMTHITTA DISTRICT- The Asian Water Bird Census (AWC) takes place every January. This citizen-science event is a part of the Global International Water Bird Census (IWC) that supports the conservation and management of wetlands and water birds worldwide.

Water Birds are one of the key indicators of wetlands health. Wetlands provide feeding, resting, roosting and foraging habitats for these species. For the census a number of volunteers participate to assess the status of population of Water birds over time. The information so generated is used to identify wetlands of high importance for water birds, and take conservation measures such as designation as Ramsar Sites or inclusion as priority wetlands.

Asian bird count was an annual census collection program conducted by the Pathanamthitta District Birders, Kerala Forest Department & in association with various nature Clubs of Kerala. The main purpose of the program was to identify the frequency and abundance of aquatic and wetland associated birds of the district.

Mr. Rohan Paul George and the second PG student (2021 – 2023) Gokul Krishna EP of Environment Science and Management Sree Sankara College, Kalady participated in the Pathanamthitta Bird Count held on 8th January 2023. The transect of the field was at Upper Kuttanad - Idinjillam. The study started by 6 am in the morning and ended by 10 am.

The study gave a clear picture of the current scenario and trends in the bird migration and occurrence etc. The field study was guided by team leader Mrs. Sreedevi Madhavan and Dr.Lekshmi Jayakumar and Forest officer P. John.

Date: 08-01-2023

Asian Waterbird Count 2023 PATHANAMTHITTA DISTRICT



2023 JANUARY 8 06.30 AM TO 10.30 AM

PathanamthittaBIRDERS

Kerala Forests & Wildlife Dept.

ASIAN WATERBIRD COUNT 2023 PATHANAMTHITTA DISTRICT ON 08/01/2023

Jointly Organized By 'Pathanamthittabirders' And Social Forestry Wing of Kerala Forests & Wildlife Department Survey Islams

SI. No.	Name of Site	Team Members	Forest official
	Karingali Puncha 1 (Cherickal Side)	Arieesh Mohan Thampi — 9847824039 (Team Lead) Dr. E.S. Jayasree — 9497221853 Eby Kurien -9495258800 Muhammad Rafi — 9645877015 Sree Vijay — 8078265373 Ajeesh — 9895673548 Four Students from Christian College Chengamur	Jileef, SFO, 9446089929
2	Karingali Puncha 2	Ambadi. S – 9633780662 (Team	Anil Kumar, SF0
	(Poozhikkad Side)	Lead) George. S. George – 9497260612 Brahmadathan – 8547735531 Rahul – 9778544101 Renju - 9447566113	9400793066
3	Ulanad Polachira	1. Jiji Sam - 9656259407 2. Siju Joseph - 9048585109	
4	Aranmula – Nalkalikkal Wetlands	Robin C Koshy – 9946433566 (Team Lead) Dr. Manoj – 9447207127 Stebin – 9544617110 Anandu Surendran -7510587131	Babu A, SFO 7012001648
5	Narmoor	Hari Mavelikara – 9447224651	P.K. Sunii, SFO
	Inchanchaal	(Team Lead) Athul Sekhar – 9995049640 Alan Alex – 7025575370 Adarsh Ajay – 8289899559	9447804296
6	Kunnamthanam –	Aneesh Sasidevan – 9349981120	Manoj, SFO
	Kaviyoor Puncha	(Team Lead) Jyothi P G Karthika - 9656242093	8301050053
7	Upper Kuttanad –	Sreedevi Madhavan – 9496161135	P. John, SFO
	Idinjilam	(Team Lead) Dr. Lekshmi Jayakumar Tony Antony Rohan Paul George - 8893157381 Gokul - 6282402021	9074551311
8	Upper Kuttanad	Hari Kumar Mannar – 9447144425	I Dileep, SFO
	Mempral	(Team Lead) Dr. Shahui Ameen – 9961893693	9400539745

 SOIL AND WATER SAMPLING AT ALUVA THURUTH- ALUVA -Department of Environment Science & Management of Sree Sankara College, Kalady has arranged a series of water and soil quality analysis for the inhabitants of the Aluva thuruth. The presence of certain contaminants in the water can lead to health issues, including gastrointestinal illness, reproductive problems, and neurological disorders. Infants, young children, pregnant women, the elderly, and people with weakened immune systems may be especially at risk for illness.

Soil tests are used to determine the soil's nutrient level and pH content. This is essential because fertile soils are necessary to grow healthy crops. Optimized soil treatment is essential for agricultural productivity and the prevention of land degradation. Unsustainable agricultural soil treatment combined with extreme weather conditions such as flooding, high temperatures and drought presents farmers with problems like soil compaction, nutrient depletion or excess nutrient supply.

Rising pollution and presence of toxicants and other chemical species deteriorate both the health of the fauna and flora of the regions, and will affect the people adversely. In order to understand the current conditions of study area the physio-chemical & biological analysis of water and soil plays a key role. The entire students of 2 batches along with 4 faculties conduct the sampling and provide awareness to the natives of Thuruthu. The sampling was done on 7th and 17th of January 2023.

The farmers and inhabitants of the thuruth will be able to understand the nature and composition of the soil & water of the region. This extension activity also helps the students to become more familiar in handling samples and sampling techniques. It delivers an amazing field experience and to understand the challenges in the field studies

Date: 7-01-2023 and 17-01-2023





The NSS volunteers devoted one day for farming where they planted kuruva rice crops on one
acre farmland in Mala Panchayat that was owned by Biju Tharayil and Ragesh Sharma on 1210-2022. This became an opportunity for the students to maintain close ties with the soil and
to know more about the hardwork and efforts put in by the farmers to provide food. The
students were also benefitted from the sessions handled by traditional farmers.



🔾 കുരുവിലശ്ശേരിയിൽ വിദ്യാർഥികറാ ഞാറ് നടുന്നു

മാള ► ഇനി ഒരു വറ്റ് ചോറ് പോലും പാഴാക്കില്ലെന്ന് വിദ്യാർ ഥികഠം പാടത്ത് നിന്ന് പ്രതിജ്ഞ യെടുത്തു. മാള പഞ്ചായത്തിലെ കുരുവിലശ്ശേരിയിലാണ് രണ്ട് ദി വസങ്ങളിലായി ഒരേക്കർ പാ ടത്ത് വിദ്യാർഥികഠം നടീൽ നട

മൂത്തകുന്നം എസ്.എൻ.എം. ട്രെയിനിങ് കോളേജ്, കാലടി ശ്രീ ശങ്കര കോളേജ്, ആലുവ യു.സി. കോളേജ് എന്നിവിടങ്ങളിൽനി നുള്ള വിദ്യാർഥികളാണ് നേച്വർ ക്ലബ്, എൻ.എസ്.എസ്. യൂണി റ്റ് എന്നിവയുടെ നേതൃത്വത്തിൽ നടീൽ നടത്തിയത്.

ടെക്നീഷ്യന്മാരായിരുന്ന ബിജു തറയിൽ, രാഗേഷ് ശർമ എന്നി വർ ചേർന്ന് പത്ത് വർഷമായി ജൈവരീതിയിൽ നെൽക്ഷി ചെ യ്യുന്ന സ്ഥലത്താണ് വിദ്യാർഥി കാം ആവേശത്തോടെ ഇറങ്ങിയ ത്. കടുത്ത വെയിലിനെ ആവേ ശംകൊണ്ട് മറികടന്നാണ് പാടും പാടി നടീൽ ഉത്സവമാക്കി മാറ്റിയ ത്. പാടത്ത് ഇറങ്ങുന്നതിനുമുമ്പ് ഇവർക്ക് പരമ്പരാഗതകർഷകർ ഒരു പരിശീലന ക്ലാസ് നൽകിയിരു ന്നു. വരിയായിനിന്ന് നട്ട് കയറിയ പ്പോഠം ഉണ്ടായ വിയർപ്പിൽ അഭി മാനം തോന്നിയാണ് ചോറ് പാഴാ ക്കില്ലെന്ന പ്രതിജ്ഞയെടുത്തത്.

13/10/2022 CHALAKKUDY Pg 04





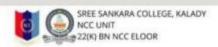
1. 03/07/2022 International plastic free Day: As part of International Plastic Bag Free Day NCC unit conducted a programme *R4 US(Reduce,refuse,Reuse,Recycle).students brought newspaper and other essential material to make a paper Bag .Sree Sankara College made 75 paper bags and donated to the nearby shops.

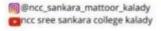


July 12 PAPER BAG DAY

#Save our Earth







29. The department of Zoology made MoUs with Zoological Society of Kerala and Paravur Municipality for the conduct of the Add on Course in Organic Composting. An invited talk by Prof. Sultan Ahmed Ismail was organized by Dr. Mini K. D. for the Add on Course jointly with ZSK, School of Environmental Sciences MG University





கே0இo केरल KERALA

CF 991082

MEMORANDUM OF UNDERSTANDING

This MoU is an agreement between the following parties:

Sree Sankara College Kalady

Ernakulam District

Phone: 04842462341

Municipality Paravur

Ernakulam District

Phone: 0484 2449630

Subject

- This MoU is for educational purpose.
- It is the part of running Add-on course Organic Composting in the Department of Zoology
- Paravur Municipality is an organization which has successfully carrying out Vermiculture & Composting.



Talk by Prof. Dr. Ismail Sulthan



Interaction with the Kudumbasree & local people







Dr. Preethi Nair, Principal – in - Charge