

# SREE NARAYANA COLLEGE CHENGANNUR Alappuzha, Kerala

Affiliated to University of Kerala NAAC Accredited with 'B' Grade

www.sncchengannur.ac.in

sncchengannur@gmail.com

# CRITERIA 7

# 7.1: INSTITUTIONAL VALUES AND SOCIAL RESPONSIBILITIES

7.1.3: Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

- 1. Green audit / Environment audit
- 2. Energy audit
- 3. Clean and green campus initiatives
- 4. Beyond the campus environmental promotion activities

**Submitted To** 



THE NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL (NAAC) FOR ASSESSMENT & ACCREDITATION – CYCLE II AUGUST 2023 Established in 1981 Sree Narayana College Chengannur, Kerala – 689508 Managed by the Sree Narayana Trusts, Kollam Affiliated to the University of Kerala Accredited by NAAC with B Grade Ph: 0479-2962728;

Email: sncchengannur@gmail.com



Dr Shereen K Principal-in-charge Mob: 9447075311 Email: sherinsank@gmail.com

Website: www.sncchengannur.ac.in

# **DVV CLARIFICATION 7.1.3**

Provide Action taken reports and achievement report as clear and Green campus initiatives.

**Response:** Action taken reports and achievement report as clear and Green campus initiatives are enclosed herewith.

# SREE NARAYANA COLLEGE, CHENGANNUR

#### Action taken Report and Achievement Report as Clean and Green Campus Initiative

- Green Campus initiatives by the institute include Water Conservation, Tree Plantation, Waste Management, and Alternative Energy etc.
- Green, Energy and Environment audits are regularly undertaken.
- Students and staff are given strict instructions to follow Green protocol.
- The Institute had organized Cleanliness Drive in association with the NSS unit, Bhoomithrasena Club and IQAC, in various occasions like World Environment Day, Earth Day, Gandhi Jayanti, NSS Day etc
- Signed MoU with Chengannur Grama panchayath Haritha Karma Sena and Sree Narayana College Chengannur for collection and disposal of non-degradable solid waste.
- Signed MoU with Chengannur Grama panchayath and Sree Narayana College Chengannur for collection and disposal of chemical waste.
- Agreement with Chengannur Grama panchayath and Sree Narayana College Chengannur for collection and disposal of E-waste.
- Strict instructions are given to faculty, staff and students to unplug and turn off electrical appliances when not in use or after use.
- CFLs are replaced by LED lamps.
- Pollution free campus with restricted entry of automobiles.
- Maintenance of Incinerators, biogas, rainwater harvesting unit were done periodically.
- Implementation of ERP software towards paperless campus.
- Initiatives are taken effectively to configure e-waste management. E-waste collection drives are undertaken periodically.
- Ban on single use plastic in the campus.

Many programmes are conducted with respect to Green Campus Initiatives at Sree Narayana College Chengannur.

# **OBSERVANCE OF "NO VEHICLE DAY"**

The Principal of Sree Narayana College Chengannur, Dr K Shiny Sreedhar conducted a meeting on 4<sup>th</sup> January 2019 for discussion on No Vehicle Day. During the meeting Principal talked about the benefits of "No-Vehicle Day" on the environment. They became aware about the harmful impacts of vehicles on the nature. All students, teaching and non-teaching staff accepted the rules and regulations of "No-Vehicle Day". During meeting it was finalized that First Friday of every month will be observed as "No-Vehicle Day" of the campus. The principal circulated notice to all students, faculties and non-teaching staff of college on 7<sup>th</sup> January 2019 regarding No-Vehicle Day observance at college.



Sree Narayana College campus before No-Vehicle Day



Sree Narayana College campus on No-Vehicle Day



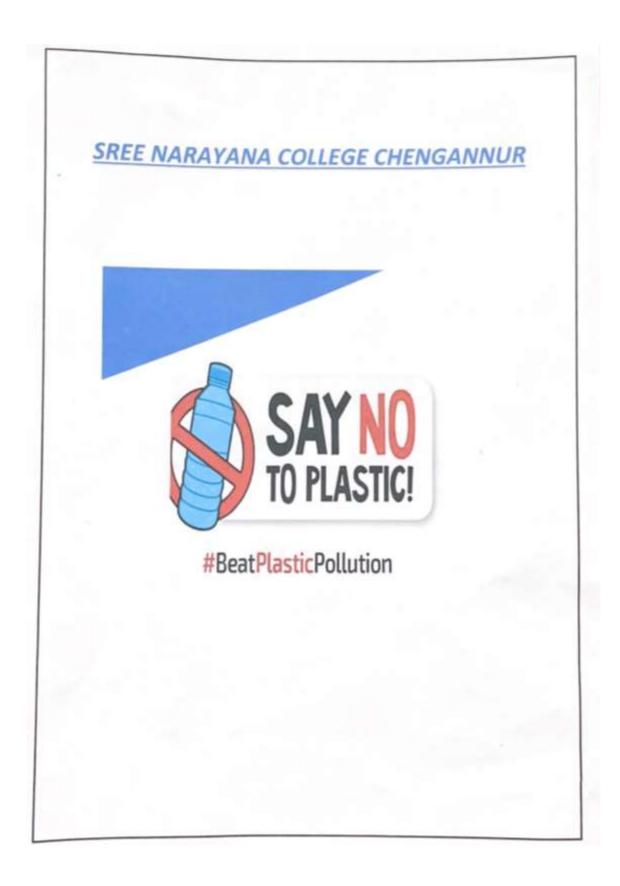
Sree Narayana College campus before No-Vehicle Day



Sree Narayana College campus on No-Vehicle Day



# **INITIATIVES TOWARDS PLASTIC FREE CAMPUS**



#### PLASTIC FREE CAMPAIGN

On 2<sup>nd</sup> February 2023, the NSS units and College Union of Sree Narayana College Chengannur conducted an awareness rally on the ill effects of indiscriminate usage of plastic at Ala Panchayath. The rally was inaugurated by the principal-in-charge Dr. Shereen K. The rally started with the introductory speech by Dr. Anju K S, the staff advisor of the College Union. The students were instructed to propagate about the adverse effects of plastic bags on the environment. The purpose of the activity was to create awareness about the harmful uses of plastic and its effects on the environment, among the people of Ala Panchayath. The students displayed banners and placards emphasizing the need to eradicate plastics. A pledge avoiding the use of plastic was also taken by all the participants. All teachers and 50 students participated in this drive.



Inauguration of Plastic free campaign by the principal-in-charge







Teachers and students participating in rally at Ala Panchayath on 2<sup>nd</sup> February 2023

# DISPOSAL OF PLASTIC WASTE BY HARITHA KARMA SENA

Plastic waste is collected by "Haritha Karma Sena" on monthly basis and handed over to authorized personnel of Cheriyanadu Grampanchayat for further processing.



Haritha karma sena members collecting plastic waste from the campus



Agreement between Cheriyanadu Panchayath Haritha Karma Sena and Sree Narayana College Chengannur, for the collection of plastic waste from the campus

#### PLASTIC FREE AWARENESS CLASS

An awareness class on the harmful effects was conducted by the NSS units of college on 4<sup>th</sup> July 2022 at the college auditorium. Newly appointed NSS programme officer Ms Aswathy Raj delivered an interesting session about the adverse effects of plastic bags on the environment.



Plastic free awareness class by the NSS programme officer on 4<sup>th</sup> July 2022

#### PLASTIC FREE AWARENESS CLASS

On 25<sup>th</sup> October 2021, an awareness class was arranged at the college auditorium by the NSS units of college in association with the Bhumitrasena club. NSS Programme officer Smt. Bindu V K delivered a talk on the "Impacts of Plastic on Society".



Plastic free awareness class on 25<sup>th</sup> October 2021

#### HANDS ON TRAINING: PAPER BAG MAKING

The NSS units of college organised a training session on paper bag making on 13<sup>th</sup> January 2020 using newspaper. The session was handled by Smt Bindhu, the Asha worker of Public Health Centre, Cheriyanadu Panchayath. The objective of the session was to teach the students, how to make paper bags and making them aware about the threat of plastic bags

to the environment. The students were quite enthusiastic about the whole activity. The students were taught the fact that bags made from paper are biodegradable and hence highly environment friendly than plastic bags, which pose a threat to the environment.







NSS volunteers making paper bag from newspaper on 13<sup>th</sup> January 2020

# **IMPLEMENTATION OF "ERP SOFTWARE"**

To make the education system more efficient, Sree Narayana College Chengannur installed an ERP system in the college on 2022. The implementation of ERP Software digitalized entire operations in the college. The ERP system was purchased from EMBASE Pro Suit Private Limited. Several training classes were arranged for teaching and non-teaching staff of the college regarding the functioning of ERP system. Separate training sessions were also given to the principal and admin of the college. After completing one year of successful implementation of the software, Sree Narayana College Chengannur signed an agreement with EMBASE Pro Suit Private Limited.





Session on the implementation of ERP software

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-	25th day of July 2023 (The "Effective Date")
	By and Between
1.	EMBASE PRO SUIT PRIVATE LIMITED, existing and organized under the Laws of Indian Companies Act, whose address is ROOM No 10/572.MG University Innovation Foundation, Priyadarshini Hills, Koltayam,Kerala, Pin,680562, India Hereafter Called "Service Provider"
2.	Sree Narayana College Chengannur , Chengannur, Alappuzha, Kerala 688004. Hereafter Called "Consumer".
Terms	and Conditions
. 1.	Agreement. Prepare this agreement by the Service Provider, handover to the Consumer. The Consumer signs this agreement, sends it to the Service Provider by post or by email. The Service Provider also signs the agreement and sends the copy to the Consumer by post or by email.
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Agreement between Sree Narayana College Chengannur and EMBASE Pro Suit Private

Limited

# Initiatives of College towards Sustainable Environment

#### **1.Restricted entry of vehicles**

• All the vehicles of college staff/ faculty members should be getting the emission certification before entering the vehicle in college campus.

• The college encourages the employees and students to frequently use public transport, bicycles, etc. to limit the emissions.





#### **Transportation/carbon footprint**

- Majority of the students in the campus rely on public transport, indicating lesser carbon foot print of the student community.
- Motor vehicles of students are prohibited inside the campus.
- Personal vehicles of staff are provided with parking space in the campus.

SI No	Department	Members with	Members Using	Use bicycle
		Own vehicle	Public Transport	
1	Economics	2	5	
2	B-com	3	1	
3	Physics	3	1	
4	Chemistry	6	1	
5	Maths	2	3	

6	Languages	3	1	
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#### 2. Ban on use of Plastic

• The college is continuously committed to work towards plastic-free campus.

• In the campus there is complete ban on single-use plastics in classrooms, laboratory

and canteen in the institution's premises and in women's hostel.



#### **3. Landscaping with trees and plants**

As per the green practices in the campus is moving in the direction of a Green Institution in Kerala planting more trees within and outside the campus. Medication plants and trees have been planted to clean the atmosphere.



#### 4) Conducting Green, Energy and Environment Audits

Green, Energy and Environment Audits are conducted every academic year. The objective is to find appropriate strategies of conservation.







In spite of all these activities some more initiatives are taken by the college like use of solar to generate energy, biogas plant, use of LED bulbs, waste management, rainwater harvesting and water conservation.

# Alternate Sources of Energy and Energy Conservation

The Institution has the following facilities for alternate sources of energy and energy conservation measures:

- 1. Solar energy
- 2. Biogas plant
- 3. Awareness programs on energy conservations
- 4. Use of LED bulbs/power efficient equipment



Solar Panel installed at the college



**Biogas Plant at the Campus** 

### **Awareness Posters**



### **Use of LED**

Compared with traditional lights, LED lights are up to 80% more efficient. Our College is now equipped with LED lights as a part of energy conservation measures.





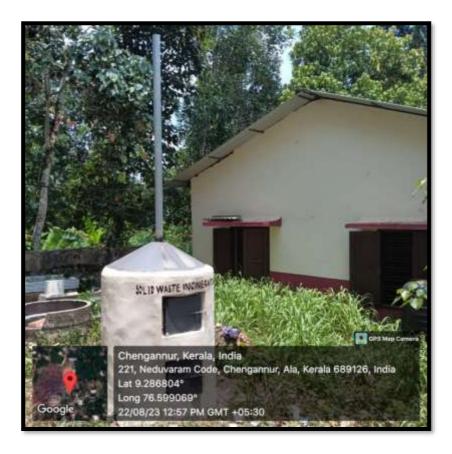
#### Solid waste management:

- To reduce waste at institute, students and staff are educated on proper waste management practices through lectures, advertisement on notice boards, displaying slogan boards in the campus.
- Waste is collected on a daily basis from various sources and is separated as dry and wet waste.
- The chemical wastes from Chemistry laboratory were separated into solid and liquid waste, which were then disposed appropriately.
- Colour coded dustbins are used for different types of wastes. Green for nondegradable plastic waste and blue for degradable waste.



Separation of waste as degradable and non-degradable

• Solid Waste Generated in the Campus is incinerated in the Solid Waste Incinerator



Solid Waste Incinerator installed at the campus

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Agreement with Chengannur Grama panchayath Haritha Karma Sena and Sree Narayana College Chengannur for collection and disposal of non-degradable solid waste • The napkin incinerator is used for the disposal of napkins as part of the initiative by the Women's Cell.



#### Liquid waste management:

- Chemicals used in the Chemistry Laboratory for the reaction are not discharged into the environment, but rather stored in sealed containers. The stored chemical wastes are handed over for safe disposal to Cheriyanadu Grama Panchayath, based on the agreement between Sree Narayana College Chengannur and Cheriyanadu Grama Panchayath.
- Repeated distillation of used solvent is done to reduce solvent waste in Chemistry Laboratory, thereby minimising pollution.
- Non hazardous liquid waste are diluted and are carried over to the common drainage.
- All waste water lines from toilets, bathrooms etc. are connected with Municipal drainage mains.

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Agreement with Chengannur Grama panchayath Haritha Karma Sena and Sree Narayana College Chengannur for collection and disposal of chemical waste

#### E-waste management

- As part of agreement between Sree Narayana College Chengannur and Cheriyanadu Gama Panchayath, the E-waste collected is stored in store room and disposed once in two years.
- A collection drive is arranged at the college every year and the collected E-waste is handed over to the Cheriyanad Gramapanchayat for safe disposal.
- Old monitors and CPUs are repaired by the technician and are reused.



Collection drive of E-waste during academic year 2022-23

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Agreement with Chengannur Grama panchayath Haritha Karma Sena and Sree Narayana College Chengannur for collection and disposal of E-waste.

# WATER CONSERVATION

#### **Rainwater harvesting**

The rainwater harvesting system is one of the best methods practiced and followed to support the conservation of water at Sree Narayana College Chengannur. Run-off rainwater from rooftop of the buildings in the campus is captured and stored in a reservoir tank of 7000 liters. The water stored in the Rain Water Reservoir is directed in to the Chemistry Lab for Laboratory use. The stored rainwater is used for gardening & cleaning purpose.



#### **Awareness Programs**

Educational/cautionary posters regarding water conservation are placed in the campus. For quick sanitation purposes, alcohol-based sanitizer is more convenient than full hand wash and is produced by the Department of Chemistry

- Spreading information to the students regarding water conservation and sensitizing them to save water
- Water saving techniques included in curriculum
- Educational/cautionary posters

#### Water Management

Water conservation is a key activity as water availability effects on the development of the campus. Keeping this view water conservation activity is carried out.

#### Source of the Water

#### • Open Well water

Our campus is equipped with two very large well of 100 feet depth having 20 feet water storage. We have three storage tanks each with 3000 litre capacity including a rainwater storage unit.



#### • Bore well

There is a borewell in the campus and this is used mainly for the hostel purpose. The water from the borewell is also used in the campus when water scarcity arises in the summer season.

#### • Centralized Pipeline from Kerala Water Authority

The centralized water supply system in the campus helps to get sufficient water supply for 24 hours in College campus and also for Women's Hostel

#### • Open well recharge

A significant part of groundwater artificial replenishment is played by open wells. The roof runoff water is collected through network of pipe lines and stored in the filter. The water from the filter is allowed to recharge the open wells.



# **Routine Green Practices**

Every year college celebrates World Environment Day, World Water Day, World Wetland Day and Ozone Day in the campus under the initiatives of Bhoomitra Sena Club, NSS and Science club. The main focus of these programs was to provide awareness to the students about the importance of environment, its conservation and sustainable use of environmental resources. The programs are conducted through seminars, poster presentation, field oriented activity, quiz competition, debates etc

#### **BHOOMITHRASENA CLUB ACTIVITIES**

#### JUNE 5, 2022 – WORLD ENVIRONMENT DAY

As a part of the 'World Environment Day' (June 5) the Bhoomithra Sena Club and NSS units of SN College, Chengannur jointly observed the day by planting saplings in the campus. Our Principal-In charge Dr. Shereen K inaugurated the programme by planting a sapling in the campus. All the staff and students actively participated in the programme by planting various varieties of fruit tree saplings all around the campus.



Our Principal Dr. Shereen K inaugurated WED 2022 by planting a sapling



Planting Saplings by NSS Programme Officers and by BMC Members

# JUNE 5, 2022 -Environment & Sustainable Development Mission Launch by 'Sastra Foundations'- Online Lecture

The NSS and Bhoomithrasena Club members of Sree Narayana College, Chengannur attended a lecture organized by 'Sastra Foundations'. The programme was inaugurated by Padmashri Kalyan Singh Rawat (Educationalist, Social Activist, Founder – Maiti Andolan) followed by Environment & Sustainable Development Mission Launching. Shri. Sridhar Radhakrishnan (Engineer & Researcher, Environment and Climate Concerns) delivered a distinguished Lecture on the topic "Only One Earth". The programme further focused on the Sustainable Menstrual practice Challenge & Declaration and it benefitted the women participants. And tremendous positive responses poured in.





Inauguration - Padmashri Kalyan Singh Rawat (Educationalist, Social Activist, Founder – Maiti Andolan)

#### FEBRUARY 2, 2023 - WORLD WETLANDS DAY

Every year, on 2<sup>nd</sup> of February, we celebrate World Wetlands Day (WWD) to raise global awareness about the high importance of wetlands for people and our planet. WWD is also an occasion to commemorate the signing of the Ramsar Convention on Wetlands in the Iranian city of Ramsar in 1971.

The World Wetlands Day 2023 theme is "It's time for Wetland Restoration". The theme aims to highlight the importance of actions that ensure that wetlands are conserved and sustainably used. The WWD 2023 focus is on taking action for wetlands.

The Bhoomithra Sena Club of Sree Narayana College, Chengannur celebrated World Wetlands Day by organising a **"Short Video Contest"** (*Topic : One Minute to Wetlands*) and **Wetland Photo Contest** (*Theme : Wetland Restoration*) for the students.

#### 1. Short Video Contest



The videos of the winners those bagged first, second and third prize respectively is uploaded here.



# https://drive.google.com/file/d/1kNQAneWEpc1CbnmFpEUsihUu\_ih-<u>RTJc/view?pli=1</u> FIRST PRIZE - ANEESH R (I BA ECONOMICS)



# https://drive.google.com/file/d/12AruCvbYTyWPf7rxnfZ96WwZBMiSd2KV/view SECOND PRIZE – ARJUN S (I BA ECONOMICS)



https://drive.google.com/file/d/131Gw-6su-XfIyWExbomCAAFKPFfUEiIe/view THIRD PRIZE – DINA KRISHNA (I BCom)

#### 2. Wetland Photo Contest

Nature Photography is a wonderful way to share the beauty and wonder of the natural world with others. An obvious benefit of the art is raising awareness about generating empathy for special landscapes and species.

The Wetland Photo Contest is organized with the intention to raise awareness and create engagement around the importance of wetlands nearby. *The Theme for the contest was "WETLAND RESTORATION."* Our students got some unique shots. For capturing the perfect pictures of any wetland near their home or of their choice.

Sai Santhosh (I BCom) received the first prize, Aneesh R (I BA Economics) and Anagha Jyothy (II BSc Chemistry) bagged the second and third prize respectively.



FIRST PRIZE-Sai Santhosh (I BCom)



SECOND PRIZE-Aneesh R (I BA Economics)



THIRD PRIZE- Anagha Jyothy (II BSc Chemistry)

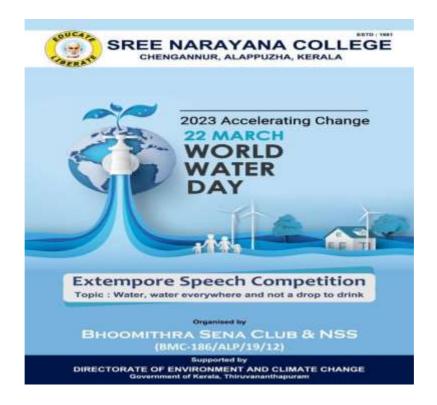
## MARCH 22, 2023 – WORLD WATER DAY

The World Water Day is a global United Nations observance day celebrated every year on the 22<sup>nd</sup> of March to raise awareness about the value of fresh water and a call for the wise use of freshwater resources.

This year 2023, the World Water Day theme is "Accelerating Change" to accelerate the change required to solve the water and sanitation crises. The theme signifies the importance of appropriately using water in humans' daily needs.

To commemorate the World Water Day, an Extempore Speech Competition for UG and PG Students was organized by the Bhoomithrasena Club and NSS Units of S N College, Chengannur. The Topic for the Extempore Speech Competition was 'Water, water everywhere and not a drop to drink.'

Aromal K S (III B A Economics) received the first prize, Megha P S (I MSc Chemistry) and Avantika S Sajeev (II BCom) bagged the second and third prize respectively.



World Water Day Celebration





Prize Distribution by our Principal Dr. Shereen K

# JUNE 5, 2021 – WORLD ENVIRONMENT DAY

Covid spread fear in all ages, even when the whole of humanity is fighting back the virus in complete vigour and strength. It was the need to protect the environment, yet midst of the fearful time. The Bhoomithrasena Club of Sree Narayana College, Chengannur took care of the environment with the efforts of all its members.

As a part of the 'World Environment Day' (June 5) the Bhoomithrasena Club celebrated WED 2021 by conducting *"Selfie with Sapling Contest"*. The students actively participated in the contest (Online) and observed the day by planting saplings at their homes and made their entries in the given email id with great enthusiasm. Our IQAC coordinator Dr. Venu S encouraged the students by planting the sapling in his yard and posted the photograph.

The winners of *"Selfie with Sapling Contest"* Teema Yohannan (I BA Economics), Aswathy D Chandran (III BSc Chemistry) and Aswani D Chandran (III BSc Mathematics) bagged the first, second and third prize respectively.



WED 2021 – IQAC COORDINATOR Dr. Venu S

# Selfie with Sapling Contest





FIRST PRIZE



# SECOND PRIZE





WED 2021 : ACTIVE PARTICIPATION

## **DECEMBER 2, 2021– NATIONAL POLLUTION PREVENTION DAY**

Every year, December 2 is observed as National Pollution Prevention Day, a stark reminder of the many innocent lives that were lost because of Bhopal Gas Tragedy (1984). There was a nationwide outrage and grief pertaining to the tragedy. The observance of National Pollution Prevention Day on December 2 is to create awareness on pollution and industrial disasters, find ways to spread awareness on preventing such tragedies from occurring again.

The National Pollution Day 2021 was observed in Sree Narayana College, Chengannur on December 2, 2021. The programme was organized by the Bhoomithrasena Club. The club designed an Impulsive Essay Writing Competition on the topic "BEWARE OF POLLUTION ; WORK ON SOLUTION".

### **Impulsive Essay Writing Competition**

The students actively participate in impulsive essay writing competition. Gopika Unni (1<sup>st</sup> B.Sc. Physics ), Anagha Jyothi (I<sup>st</sup> B.Sc. Chemistry ) and Athulya R ( I<sup>st</sup> BA Economics) bagged the first, second and third prize respectively.



**Impulsive Essay Writing Competition** 



## FEBRUARY 2, 2022 – WORLD WETLANDS DAY

Every year, on the 2<sup>nd</sup> of February, we celebrate World Wetlands Day (WWD) to raise global awareness about the high importance of wetlands for people and our planet. WWD is also an occasion to commemorate the signing of the Ramsar Convention on Wetlands in the Iranian city of Ramsar in 1971.

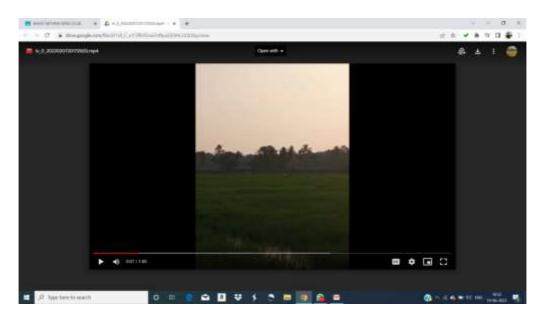
The World Wetlands Day 2022 theme is "Wetlands Action for People and Nature". The theme aims to highlight the importance of actions that ensure that wetlands are conserved and sustainably used. The WWD 2022 focus is on taking action for wetlands.

Bhoomithra Sena Club of Sree Narayana College, Chengannur celebrated World Wetlands Day by organising a "Short Video Contest" (*Topic* : Wetlands Action for People and Nature) for the students.

# **Short Video Contest**

The students actively participated in the competition and Abhilash T Mohan (II BSc Chemistry) and Arathy S (II B Com) bagged the first and second prize respectively.





FIRST PRIZE – VIDEO LINK

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# SECOND PRIZE – VIDEO LINK

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# JUNE 5, 2020 - WORLD ENVIRONMENT DAY

As a part of the 'World Environment Day' (June 5) the Bhoomithra Sena Club and NSS units of SN College, Chengannur jointly observed the day by planting saplings in the campus. Our Principal Dr. Nisha J Tharayil inaugurated the programme by planting a sapling in the campus. In the amid of COVID – 19 all the staffs and students actively participated in the programme after ensuring every safety precautions.





Our Principal Dr.Nisha J Tharayil inaugurated WED 2020 by planting a sapling



WED - 2020 : Active participation

## FEBRUARY 2, 2021 – WORLD WETLANDS DAY

Every year, on the 2<sup>nd</sup> of February, we celebrate World Wetlands Day (WWD) to raise global awareness about the high importance of wetlands for people and our planet. WWD is also an occasion to commemorate the signing of the Ramsar Convention on Wetlands in the Iranian city of Ramsar in 1971.

"Wetlands and Water" the theme for WWD 2021, shines a spotlight on wetlands as a source of freshwater and encourages actions to restore them and stop their loss.

Bhoomithra Sena Club of Sree Narayana College, Chengannur celebrated World Wetlands Day by organising an **Interdepartmental Essay Competition** (*Topic : Wetlands & Water – Inseparable and Vital for Life*) and **Photography Competition** (*Theme : My definition of beautiful – The Nature*) for the students.

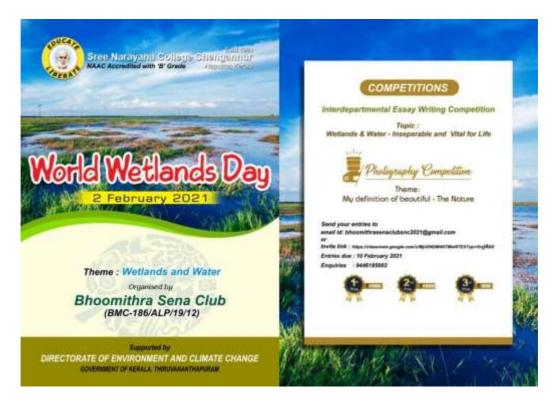
#### **Interdepartmental Essay Competition**

The students actively participated in the competition and Arya Kalesh (II BSc Chemistry), Anju B (I BSc Physics) and Shibinsa S (II BSc Chemistry) bagged the first, second and third prize respectively.

### **Photography Competition**

Nature Photography is a wonderful way to share the beauty and wonder of the natural world with others. An obvious benefit of the art is raising awareness about generating empathy for special landscapes and species.

Our students got some unique shots. For capturing the perfect pictures of nature Anseena A (I BSc Physics) received the first prize, Abhilash T Mohan (I BSc Chemistry) and Arathy S (I BCom) bagged the second and third prize respectively.



"Mother Nature" – Beautifully defined



FIRST PRIZE



SECOND PRIZE



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THIRD PRIZE

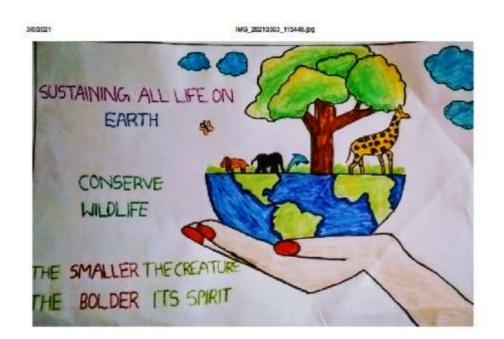
### MARCH 3, 2021 – WORLD WILDLIFE DAY

World Wildlife Day is celebrated on March 3, the date that the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES) was adopted in 1973. The goal of World Wildlife Day is to celebrate the many beautiful and varied forms of wild fauna and flora; recall the privileged interactions between wildlife and populations across the globe; and raise awareness of the urgent need to step up the fight against wildlife crime, which has wide ranging economic, environmental and social impacts.

World Wildlife Day will be celebrated in 2021 under the theme "**Forests and Livelihoods: Sustaining People and Planet**", as a way to highlight the central role of forests, forest species and ecosystems services in sustaining the livelihoods of hundreds of millions of people globally, and particularly of Indigenous and local communities with historic ties to forested and forest-adjacent areas.

Sree Narayana College, Chengannur celebrated World Wildlife Day by conducting a **Poster Making Contest** organised by Bhoomithra Sena Club. The students enthusiastically participated in the contest. The topic for **Poster Making Contest** was *"The incalculable value of Wildlife"*. The winners of the contest are Anseena A (First Prize – I BSc Physics) and Savanth S (Second Prize – I BSc Chemistry).





FIRST PRIZE

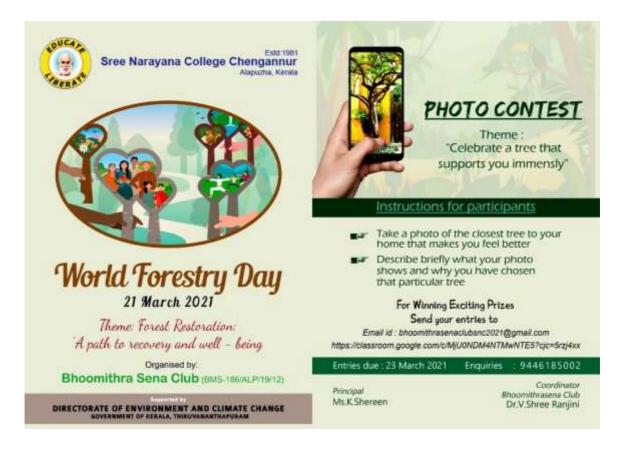


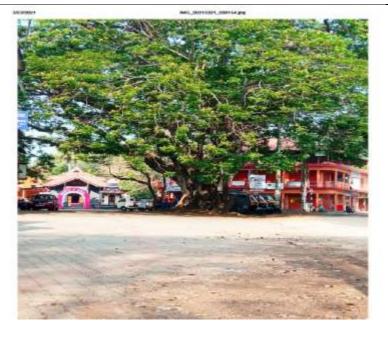


## MARCH 21, 2021 - WORLD FORESTRY DAY

World Forestry Day or International Day of Forests is celebrated worldwide every year on 21 March at the international level in order to increase the public awareness among communities about the values, significance and contributions of the forests to balance the life cycle on the earth. The 2021 Theme for the International Day of Forests is **"Forest restoration : a path to recovery and well-being"**.

Bhoomithra Sena Club of Sree Narayana College, Chengannur organised a "**Photo Contest**" (*Theme: Celebrate a tree that supports you immensely*") for the students. The students made the Contest a huge success. Abhilash T Mohan (I BSc Chemistry), Anseena A (I BSc Physics) and Akshaya K Mohan (II MSc Chemistry) bagged the first, second and third prize respectively.











Welcome Speech by FIC, Bhoomithra Sena Club Prize Distribution



# <u>ACTIVITY REPORT - 2019-20</u>

## JUNE 5, 2019 – WORLD ENVIRONMENT DAY, S N COLLEGE, CHENGANNUR

As part of the 'World Environment Day' (June 5) the Bhoomithra Sena Club and NSS units of S N College, Chengannur jointly observed the day by planting saplings in the Campus. Our Principal Dr. K. Shiny Sreedhar inaugurated the programme by planting a sapling in the campus and delivered an informative talk to the students. All staffs and students actively participated in the programme.





Our Principal Dr. K. Shiny Sreedhar inaugurated WED 2019 by planting a sapling



Save the earth: Plant a tree

WED - 2019: Active participation



# JUNE 15, 2019 – NATURE PHOTOGRAPHY DAY

Nature Photography is a wonderful way to share the beauty and wonder of the natural world with others. An obvious benefit of the art is raising awareness about and generating empathy for special landscapes and species.

Bhoomithra Sena Club of SNC, Chengannur organised a Nature Photography Competition (Theme: "My Forest") for the students of SNC, Chengannur on June 15, 2019, the Nature Photography Day. Our students got some unique shots. For capturing the perfect pictures of nature Vithu Raj. T (IV<sup>th</sup> Sem B Sc Mathematics) received first prize, Vyshna. V. (IV<sup>th</sup> Sem B.Sc. Mathematics) and Deepa Pramod (IV<sup>th</sup> Sem B.Sc.

Mathematics) bagged the second and third prize respectively.



Ist Prize



# DECEMBER 2, 2019 - NATIONAL POLLUTION PREVENTION DAY

Every year, December 2 is observed us National Pollution Prevention Day, a stark reminder of the many innocent lives that were lost because of Bhopal Gas Tragedy (1984). There was a nation wide outrage and grief pertaining to the tragedy. The observance of National Pollution Prevention Day on December 2 is to create awareness on pollution and industrial disasters, find ways to spread awareness on preventing such tragedies from occurring again.

The National Pollution Day 2019 was observed in Sree Narayana College, Chengannur on December 2, 2019. The programme was organized by the Bhoomithrasena Club. The club designed an Impulsive Essay Writing Competition on the topic "REACT TO POLLUTION; CREATE A SOLUTION".

The students actively participate in impulsive essay writing competition. Haritha Harikumar (1st B.Sc. Physics), Shibinsa. S (I<sup>st</sup> B.Sc. Chemistry) and Arya Kalesh (Ist B.Sc. Chemistry) bagged the first, second and third prize respectively.







Impulsive Essay Writing Competition Prize Distribution

Prize Distribution

# JUNE 5, 2018 – WORLD ENVIRONMENT DAY, S N COLLEGE, CHENGANNUR

As part of the 'World Environment Day' (June 5) the Bhoomithrasena Club and NSS units of S N College, Chengannur jointly observed the day by planting saplings in the Campus. Our Principal Dr. K. Shiny Sreedhar inaugurated the programme by planting a sapling in the campus and delivered a very informative talk to the students. All staffs and students actively participated in the programme.



Our Principal Dr. K. Shiny Sreedhar inaugurated WED 2018 by planting a sapling



**Inspirational speech by our Principal** 



BMC club members participation



Smt. Aswathy Raj (Faculty Member BMC) presenting saplings to the students in order to create awareness on sustainable environment

# JUNE 5, 2018 - WORLD ENVIRONMENT DAY CELEBRATION, THIRUVANANTHAPURAM

World Environment Day Celebration 2018, was organised by the Directorate of Environment & climate change, Government of Kerala, at Kanakakkunnu, Thiruvananthapuram on 5<sup>th</sup> June 2018. Dr. V. Shree Ranjini, FIC of BMC participated in the programme. Our Chief Minister Pinarayi Vijayan inauguarated the programmes. Dr. K. Vasuki, IAS (Thiruvananthapuram Collector) took a class on Biomagnification, its ill effects and remedies. Institutions, Organisations etc. are awareded for their brilliant work on "Beat Plastic Pollution".



Inaugural address by our Hon: Chief Minister



Awareness Class by Dr. K. Vasuki.IAS (District Collector, Trivandrum)



FIC of B M C

# JUNE 15, 2018 – NATURE PHOTOGRAPHY DAY

Nature Photography is a wonderful way to share the beauty and wonder of the natural world with others. An obvious benefit of the art is raising awareness about and generating empathy for special landscapes and species.

Bhoomithrasena Club of SNC, Chengannur organised a Nature Photography Competition for the students of SNC, Chengannur on June 15, 2018, the Nature Photography Day. Our students got some unique shots. For capturing the perfect pictures of nature Ajay Krishnan (III Sem B Sc Mathematics) received first prize, Pradeep M (III Sem B A Economics) and Anju Arshitha (III Sem B Sc Chemistry) bagged the second and third prize respectively.





I<sup>st</sup> Prize

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III Prize

# "Mother nature" Beautifully defined







## Nature's Beauty frame by frame



# **SEPTEMBER 16, 2018 – WORLD OZONE DAY**

The Bhoomithra Sena Club in assocaition with NSS of Sree Narayana College, Chengannur organized an essay competition and painting competion on the topic "Save Ozone, Save Life". The students actively participated in the competitions and made it success.

# **Ozone Day Competition Results:**

## **Essay Competition**

1 <sup>st</sup> Prize	-	Gulmesh Chand (II <sup>nd</sup> B.Sc. Physics)
II <sup>nd</sup> Prize	-	Anju. A. (II <sup>nd</sup> B.Sc. Physics)

# **Painting Competition**

1 <sup>st</sup> Prize	-	Ganga Krishnan. M. (II <sup>nd</sup> B.Sc. Physics)
II <sup>nd</sup> Prize	-	Jeril Joy (II <sup>nd</sup> B.Sc. Mathematics)
III <sup>rd</sup> Prize	-	Vishnu Nath. N. (II <sup>nd</sup> B.Sc. Mathematics)

In connection with World Ozone Day celebration, 2018 some of our SNC, Chengannur Bhoomithrasena Club members participated in Intercollegiate Competition held at Sree Ayyappa College, Eramallikara on September 26, 2018. Silpa K (II Sem M Sc Physics) bagged the first prize trophy for Essay writing competition. The topic was "Global Warming and Natural Calamities". Reshma U (III Sem B Sc Chemistry) and Reshma Rishikesh (III Sem Commerce) received the first and second prize for "Poster making competition" respectively. The topic was "Global Warming and its adverse effect".







Prize distribution

## FEBRUARY 2, 2019 – WORLD WETLANDS DAY

Bhoomithrasena Club, PG Department of Chemistry and NSS of SNC, Chengannur jointly organised an awareness programme in connection with World Wetland Day 2019. This programme intends to create an awareness among the youth and public on the importance of Wetlands for environment protection and the need to preserve them for a sustainable urban future. On 1<sup>st</sup> February 2019, inaugural function started with invocation by Ms. Soorya. S, IInd MSc. Chemistry student of our College. Dr. K. Shiny Sreedhar, Principal presided over the function. Dr. Sheela S. Fernandez, Head, Department of Chemistry bid a warm welcome to the student, faculty and guests. Smt. K. K. Radhamma, President, Cheriyanad Panchayath of Chengannur inaugurated the celebration by lighting up the lamp. In her inaugural speech, she stressed the importance of protecting wetland and planting trees to address the water scarcity we are facing. Dr. Venu. S (IQAC Coordinator) and Smt. Aswathy Raj, (Member, Bhoomithra Sena Club) delivered felicitations. Smt. Jisha Sreedharan, NSS Programme Officer delivered the vote of thanks.

The inaugural function was followed by an invited talk on "Hydrochemistry of Wetland Resources" by Dr. Anoop Krishnan. K. He explained the structure of Wetland, Chemistry of Wetland and how it retains water. At 2.00 pm Debate Competition conducted on the topic "Wetlands and urban future". Four teams of two students participated in the competition. Mr. Vinayan. S. and Mr. Manu Muraleedharan of 1<sup>st</sup> B.Sc. Mathematics bagged 1<sup>st</sup> prize. Mr. Ambadi Namboothiri. U. and Mr. Arjun. B. of 1<sup>st</sup> B.Sc. Chemistry secured 2<sup>nd</sup> prize and Mr. Amrithjith and Mr. Karthik. K, 1<sup>st</sup> B.Com got 3<sup>rd</sup> prize. Cash prizes of Rs. 1,500/-, Rs. 1,000/- and Rs. 500/- was given to the winners.

On 2<sup>nd</sup> February 2019, a documentary show "Punarjjani" was screened. At 11.15am an Essay competition was held on the topic "Wetlands and Climate Change". Ms. Devu. D, 3<sup>rd</sup> B.Sc. Mathematics bagged 1<sup>st</sup> prize, Ms. Athulya Mohanan. 1<sup>st</sup> B.Sc. Chemistry secured 2<sup>nd</sup> prize and Ms. Ammu. L, 1<sup>st</sup> B.Sc. Physics and Mr. Karthik. K, 1<sup>st</sup> B.Com shared 3<sup>rd</sup> prize. In the afternoon valedictory function and prize distribution.

## MARCH 21, 2019 – WORLD FORESTRY DAY

The theme of World Forestry Day Celebrations - 2019 is "Forest and Education" to highlight the importance of all forms of education in promoting sustainable forest management. Learn to love Forest! Build your city forest: create a greener, healthier and happier world.

The World Forestry Day - 2019 was observed in Sree Narayana College, Chengannur on March 21<sup>st</sup>, 2019 with the financial support of Directorate of Environment and Climate Change, Government of Kerala. The programme was organized by the Bhoomithra Sena Club and NSS of the college. The Club designed varieties of competitions based on their topics of interest for those students who are reluctant to participate and thereby instill in them the warmth of confidence to come to the force. The competitions include: Impulsive Essay Writing on the topic "Forest Fire" and nature quiz competition.

The students actively participated in impulsive essay writing competition on "Forest Fire". Suchithra. R (II<sup>nd</sup> B.Sc. Mathematics), Anakha. R. (II<sup>nd</sup> B.Sc. Mathematics) and Reshmi. M. Raju (II<sup>nd</sup> B. Sc. Chemistry) bagged the first, second and third prize respectively.

An Interdepartmental "Nature Quiz Competition" was organized in the afternoon at College auditorium. A team of two students from five departments participated in the competition. The winning students and teams were given citations and cash awards of Rs.1500/-, Rs.1,000/-, Rs. 500/- as first, second and third prize respectively.



Impulsive Essay Writing Competition



'Nature Quiz' Competition

#### MARCH 22, 2019 – WORLD WATER DAY

The World Water Day Celebrations on 22 March every year is about focussing attention on the importance of water. This year's (2019) theme, 'Leaving no one behind', adapts the central promise of the 2030 Agenda for sustainable development that us sustainable development progresses, everyone must benefit.

The World Water Day, 2019 was observed in Sree Narayana College, Chengannur under the auspices of Directorate of Environment & Climate Change, Government of Kerala. The programme was organized by the Bhoomithra Sena Club and NSS of the College. A one-day seminar and awareness programme was organized on 12th March 2019. Mr. V. R. Jayaprasad, Director, Centre for Action Research in Education and Pedagogy Training, Thiruvananthapuram inaugurated the function and delivered the inaugural address. Directorate of Environment & Climate Change was duly acknowledged during the programme and shown in the brochures, banners and the documents related to the programme.

## **INAUGURAL SESSION**

The Bhoomithra Sena Club and NSS of Sree Narayana College, Chengannur jointly hosted a one-day seminar and awareness programme on World Water Day observation on 12<sup>th</sup> March, 2019. The inaugural session of the programme began with the prayer song by Smt. Resmi. R. Panicker, (Faculty, Department of English). Dr. V. Shree Ranjini, FIC, Bhoomithra Sena Club extended a warm welcome to the distinguished guests and the participants. Dr. K. Shiny Sreedhar, Principal, presided the function and delivered the presidential address. Mr. V. R. Jayaprasad, Director, Centre for Action Research in Education and Pedagogy Training, Thiruvananthapuram inaugurated the function and delivered the inaugural address. Smt. K. V. Lekha, Associate Professor of Malayalam, Dr. Venu. S, IQAC Coordinator and Smt. Jisha Sreedharan, NSS Coordinator felicitated the occasion. Mr. V. R. Jayaprasad distributed the prizes for the winners of the interdepartmental competitions. Smt. Shereen. K, Assistant Professor of Physical Education extended vote of thanks to the gathering.



Welcome speech by FIC, Bhoomithra Sena Club



Presidential address by our Principal Dr. Shiny Sreedhar



Inauguration and Inaugural speech





**Felicitations** 





Vote of Thanks

## **TECHNICAL SESSION**

The planary session of the seminar was the invited talk of Mr. V. R. Jayaprasad on the topic, "Water for Sustainable Development". He pointed out the facts and figures about the reality of the water crisis and how it affects every aspects of society. Today we are left with a crisis where 2.1 billion people are living without a safe water supply close to their homes, spending countless hours queuing or trekking to distant sources and coping with the health impacts of using contaminated water. He motivated the students to take their own steps to conserve water, be inspired to tell others and take action to make a difference. The programme came to end with National Anthem.





Class on "Water for Sustainable Development"





Prize Distribution

