

7.1.3

Reports on environmental promotion activities conducted beyond the campus

1 Green initiatives beyond the campus 2021-22

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2 Green initiatives beyond the campus 2020-21

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4 Green initiatives beyond the campus 2018-19

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5 Green initiatives beyond the campus 2017-18

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**PROVIDENCE WOMEN'S COLLEGE
KOZHIKODE-673009**



CRITERION 7.1.3

GREEN INITIATIVES BEYOND THE CAMPUS

(2021-2022)

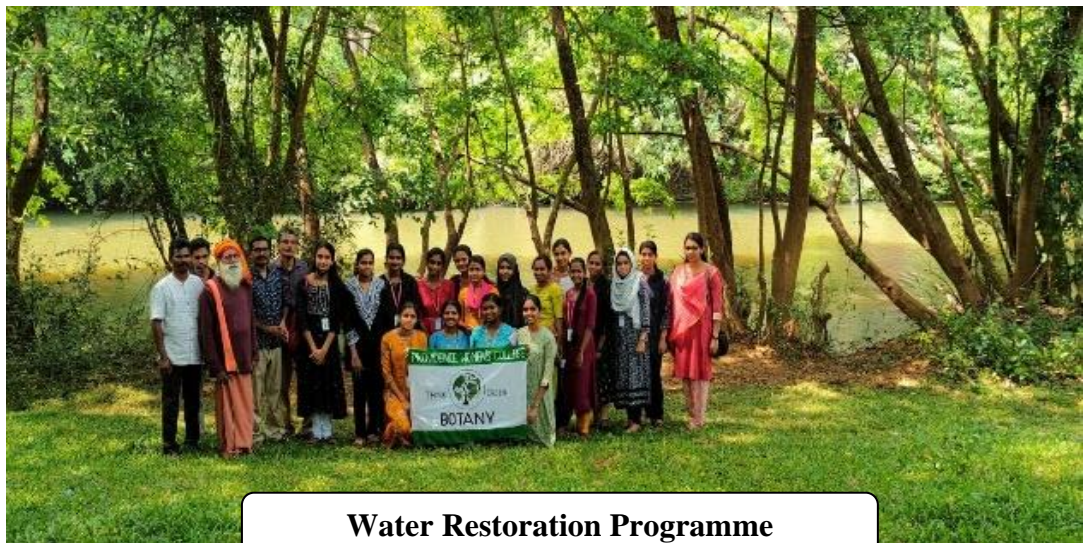
Programme: Fresh water body restoration

Organizer: Botany

Date:22/03/2022

Outcome for Stude: To know the importance of restoring drinking water

As a part of International Day for Water, the PG students of the Department of Botany in association in **River Protection Council**, visited 'Green World' conserved area in the banks of **Punoor River, Kakkodi**, on 22nd March, 2022, where they participated in water sanitation programme and attended awareness lecture on the 'Importance of conserving Natural Water Reservoirs' by popular activists including Dr. Shobheendran. Students actively participated in the public discussion delivering their ideas to protect and nurture the natural water bodies and ensure clean drinking water for all.



Water Restoration Programme



Programme: River Protection and Cleaning banks

Organizer: NCC

Date: 5/6/2022

Outcome for Student: Active participation in maintaining our natural fresh water reservoirs

Cadets on Action: On June 5th as a part of world Environment Day Celebration various activities were organized by 3rd year NCC cadets in Co-operation with Nadhi Samrakshana Samidhi, Sri. Satheesh Babu Kollambalathu delivered a talk on the Importance of protecting water bodies at CP

Koya's Residence. The cadets cleaned the surroundings of Punoor river near Malikkadavu. 28 cadets actively participated in the program.



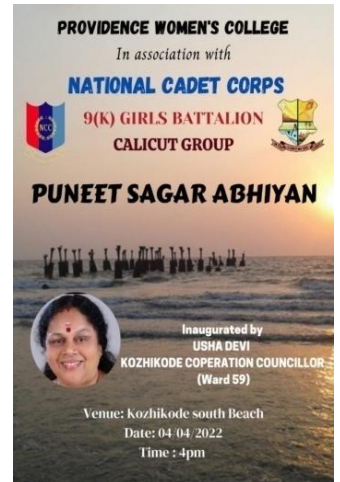
Programme: Beach Cleaning & Campaign

Organizer: NCC

Date: 4/4/2022

Outcome for Stude: Coastal Restoration and awareness on sustainable living on Coastal resources

The State level programme of NCC to clean the seashores from Trivandrum to Kasargode – ‘Puneet Sagar Abhiyan’ - was started during the year 2021. NCC unit of the College became a part of the same on 4th April, 2022. The programme was inaugurated by Kozhikode Corporation Councillor Smt. Usha Devi. The student coordinator for the programme was ANO Capt. Lini. 53 Cadets from our college participated along with other cadets and 175 common people including Corporation authorities, cleaning staff and media personnel. Commanding Officer Col. C.S. Sharma S C, GCI Keerthi, ANOs Capt. Lini, Lt.Dr. Sindhu Krishnaraj, and PI Staff also took part in the programme.



Beach Cleaning Programme



Programme: Tree Mapping Project

Organizer: Botany Date:22/4/2022

Outcome for Stud: To conserve the Arboreal diversity of the nearby Heritage centre

The PG students of the Department of Botany visited the Pazhassi Museum at East Hill, Calicut and studied the Arboreal Diversity of the Museum premises. A project was undertaken to create Bar code for each tree in the area and assign the location tag. The tree mapping Project was initiated on World Earth Day – 22nd April, 2022.



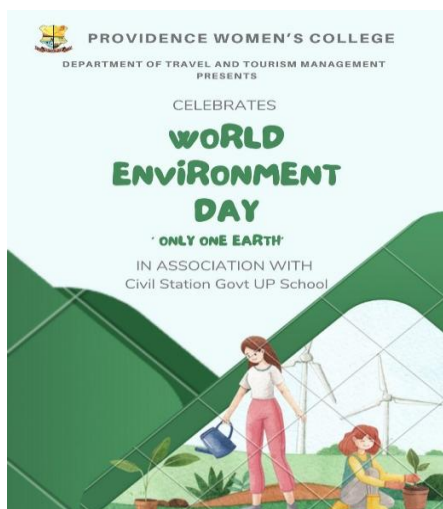
Tree mapping project

Programme: International Environment Day

Organizer: Travel & Tourism Date:6/6/2022

Outcome for Students Understand how to create awareness among students

Department of Travel and Tourism Management celebrated International Environment Day



at **AUP School, Civil Station**, on 6/6/2022.

An Interactive session and Quiz competition was done which gave an insight about conserving the environment for the



kids. Hands on activities initiated by them added awareness

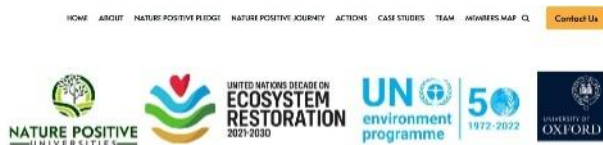
and interest.

Programme: Campus' Green Movements of Global Attention

Organizer: Unit of Nature Duration: 6/6/2017 onwards

Positive University

Outcome for Students Understand how to create awareness among students



Case studies

The green initiatives undertaken by the campus were appreciated by UNEP and the institution was marked as Nature Positive University at Global level. The activities of the College were posted on the UNEP website as a case study

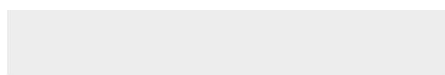
(screen shot of the website attached). Dr. Minoo Divakaran, Faculty, Providence Women's College, was invited for presenting the actions taken by the institution as green movements.

Link: <https://naturepositiveuniversities.net/case-studies/>



Vrikshaaropan (वृक्षारोपण) at Providence Womens College, Kerala India

Launched on June 5th 2022, as part of the Environment Day, the Principal, Local Manager and students joined a tree-planting drive. Additionally a new initiative was launched titled 'Providence Retrieval of Valuable Information on Plants -using Quick Response codes,' whereby, name boards detailing each plant that was planted, equipped with QR codes, were installed to educate students and visitors about



Blühender Campus, Freie Universität Berlin

"Blühender Campus" (Blooming Campus) is an interdisciplinary initiative we started in order to focus more on biodiversity. It unites projects and actors who have the aim to encourage biological diversity on campus. The focus of our work is the upgrading of the



Hedgehog friendly universities (UK)

Hedgehogs are vulnerable to extinction in Britain, due to habitat loss, development, roads and garden hazards. There are now thought to be fewer than one million hedgehogs left. City dwelling hedgehog numbers appear to be recovering after a long

Screen Shot of Nature Positive University website



Providence Women's College

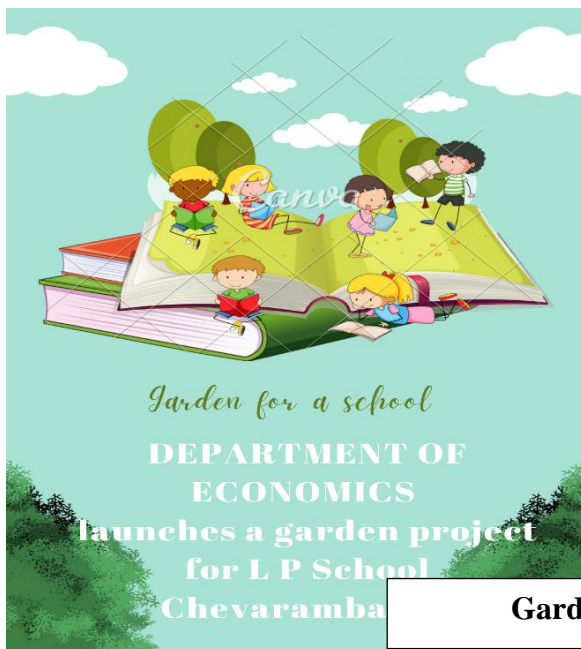
more work to be done in green or urban areas to bring hedgehogs back from

Programme: A Garden for Children

Organizer: Economics **Duration:** 25/4/22

Outcome for Student: Active Participation in Ecological restoration and supporting young generation

As a Social Service Activity of the Department of Economics, the students of the Department of Economics planted saplings and made a flower garden at **Chevarambalam Govt. L. P. School**. 35 students engaged in the activity where, regular monitoring and nurturing of the garden was done during the summer holidays of April and May. The Programme was well appreciated by the school authorities as well as the public.



Garden Making

Programme: Online Workshop

Organizer: Commerce **Duration:** 26/7/2021 to 30/7/2021

Outcome for Student: Active Participation in Ecological Restoration and supporting young generation



Entrepreneurship Development Club of Department of Commerce organized a one-week **Online Workshop** from 26th July to 30th July 2021 through Google



Meet. Heavenly handmade workshop focused on training the school students below the age of 15 to create paper bags, wall hangings, handicrafts, coconut shell crafts and other decorative pieces.

Programme: Online Workshop

Organizer: Business **Duration:** 3/6/22

Administration

Outcome for Students

Active Participation in Ecological restoration and supporting young generation



The staff and students of Department of Business Administration observed World Environment by conducting various eco-friendly activities for the children at **Govt. U. P. School, Cholapurath** on 3rd June, 2022. The students gave an awareness on how to keep our surroundings clean and



PROVIDENCE WOMEN'S COLLEGE

DEPARTMENT OF BUSINESS ADMINISTRATION

SAMARPPAN

“Workshop on making paper bags”



DATE : 3 JUNE 2022

TIME : 1:30 - 3:00 PM

VENUE : Cholapurath A.U.P School

also gave them the importance of using paper bags and not throwing plastic wrappers all around and to keep the environment clean that would make us responsible citizens. Training was also given to the kids to make Paper Bags. They also donated around 100 notebooks for the deserving kids.

Programme: Nature Camp

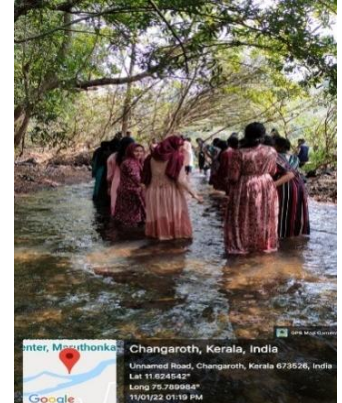
Organizer: Botany

Duration: 11/01/22

Outcome for Students

To study the floral and faunal richness of our surroundings

Students of the Department of Botany attended the **Nature Camp at Janakikkadu**, Kozhikode on 11th January, 2022. Forest Officer Mr. Suresh T. was the Resource person who explained in detail the Importance of Forests, Biodiversity and the need for their conservation. Trekking trails were explored by the students and they had a comprehensive study on the Flora and affected fauna of the region. Snake Rescuer, Mr. Firoz explained the various types of Snakes in Kerala and their conflict with humans. Participants were awarded with Certificates.



Nature Camp

Programme: Experiential learning of biodiversity

Organizer: Botany

Duration: 30/11/2021

Outcome for Students

To study the floral and faunal richness of our surroundings

Post Graduate Students of Department of Botany visited **Gurukula Botanical Sanctuary**, Periya, Wayanad on 30th November, 2021 for the identification of the plants of lower groups like, Bryophytes and Pteridophytes in their natural habitat and preservation. A few plants were collected and planted in the botanical garden of college as well as preserved (dry and wet) in the Department Museum.



Visit to Biodiversity Centres

Programme: Experiential learning of biodiversity

Organizer: Zoology

Duration: 19/02/22

Outcome for Students

To study the floral and faunal richness of our surroundings

Department of Zoology had a study tour to the Botanical Garden of University of Calicut, Thenhipalam, on 19th February, 2022 for an experiential learning of biodiversity. The



students were provided interactive sessions and a walk through the jungle path to experience a trekking trail in real forest.

**PROVIDENCE WOMEN'S COLLEGE
KOZHIKODE - 673009**



CRITERION 7.1.3

GREEN INITIATIVES BEYOND THE CAMPUS

(2020-2021)

Programme me: Observing UN Decade of Family Farming

Organized by: Botany

Date: June-August, 2020

Outcome for Students: To stay together and stay safe during the pandemic period and being productive as well



Glimpses of the students planting vegetables and nurturing their home garden during the pandemic

Programme me:

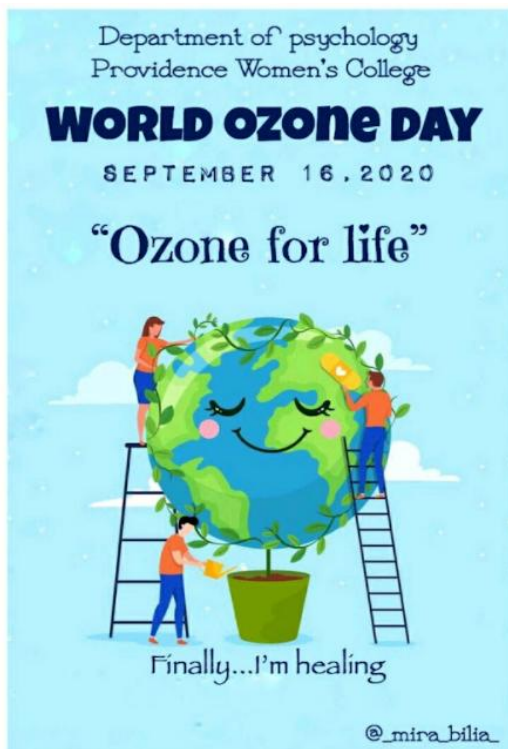
Ozone Day Observation

Organized by: Psychology

Date: 16th Sept, 2020

Outcome for Students To know the importance of Ozone layer and protecting the same

As a part of observing the World Ozone Day, the Department of Psychology organized a mission to plant trees and remove the plastic wastes into a recyclable form. Students of the various departments participated in the Programme me held on 16th September 2020.



Planting trees at homes and propagating the need of protecting ozone layer through notices and media

Programme me: **Course on Energy Literacy**

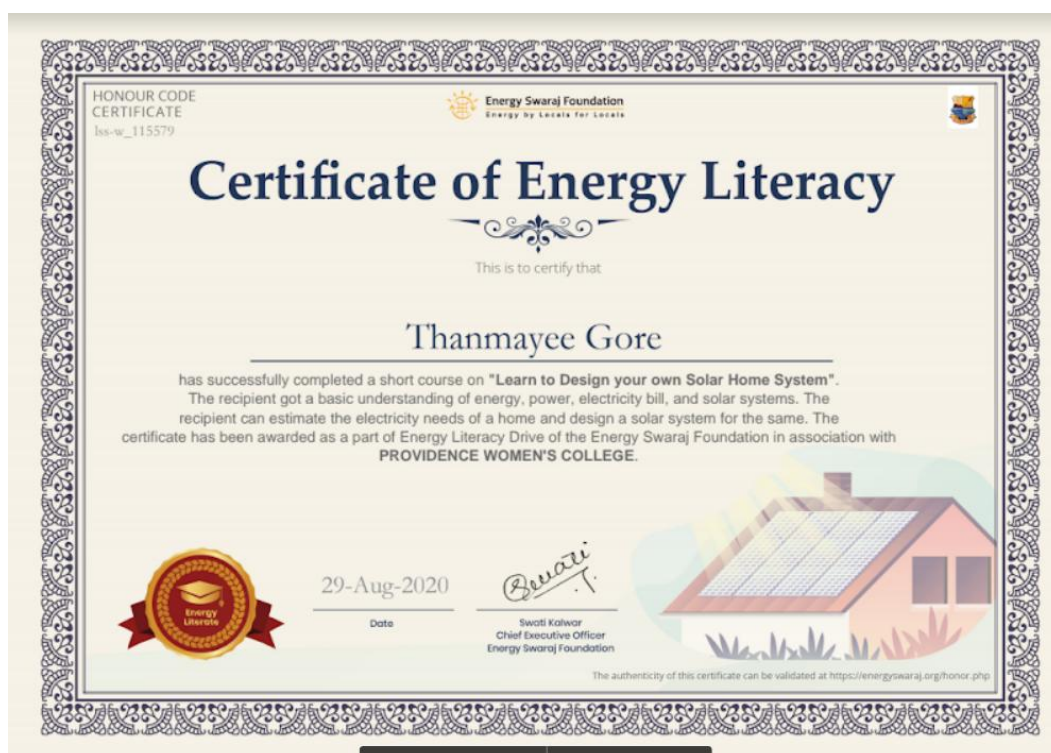
Organized by: Physics

Date: 22/02/ 2020

Outcome for Students Set up a solar energy harvesting plant at their homes

Learn to “Design a Solar System” is a course, which gives a unique opportunity to become Energy Literate irrespective of their educational background and experience. Department of Physics conducted an Energy Literacy Drive in association with Energy Swaraj Foundation with a course on "Learn to Design your own Solar Home System". The recipient got a basic understanding of energy, power, electricity bill, and solar systems. The recipient can estimate the electricity needs of a home and design a solar system of energy for the same. Students above the age 14 could attend the course. There are 15 videos in the course. Students need to watch each and every video to successfully complete the course Students must clear the quiz to get the certificate. For detailed instructions, the department organized an awareness session for people in different regions of Kerala. About 365 students registered for the programme. Those students who scored above 25% were awarded with the e-Certificate.

https://energyswaraj.org/take-quiz.php?organization_id=organization_1599



Programme me

Photography contest

Organized by: Mathematics and Statistics Date: 05 June, 2020

Outcome for Students Being familiar with their immediate natural surroundings during the pandemic and improve the skill in photography



In connection with World Environment Day, the Department of Mathematics conducted an Inter-Collegiate photography contest. 73 participants from various colleges participated. The winners were announced and gifted with special rewards.



NilishnaVR
Govt. College Madappally



Thulasi S
St. Joseph's College,
Irinjalakuda



Harinandan
SNGC, Chelannur

Prize winners and their clicks

Programme

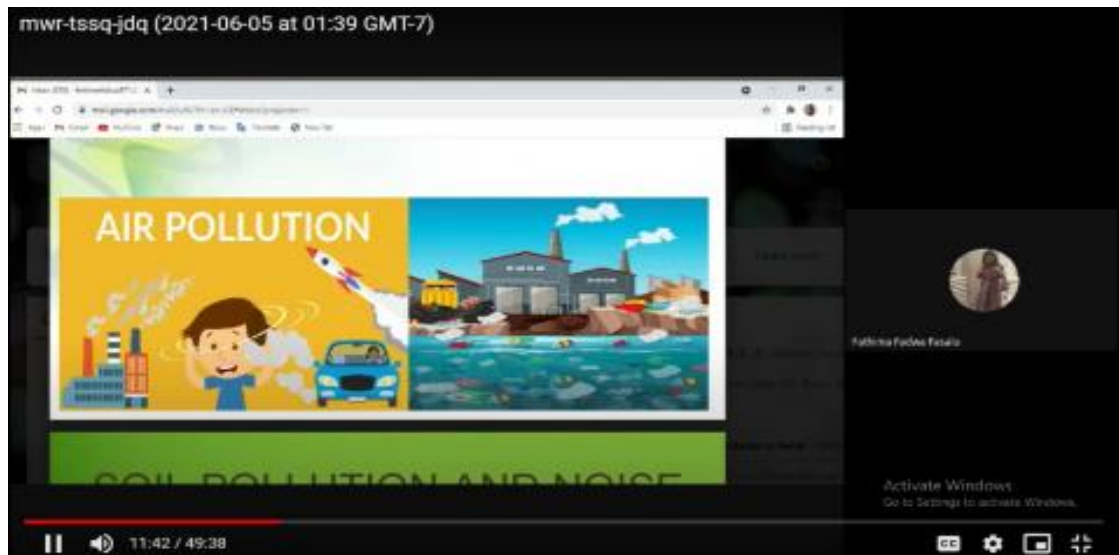
Interaction with the school kids

Organized by: Business Date: 05th June, 2021

Administration

Outcome for Students Supporting the younger generation to think green and go green

On behalf of the World Environment Day observation, the Department of Business Administration conducted a Webinar for the school kids. The session was carried out by Fadwa Faslu where the discussions on Sustainable Development, Cleaning the Environment, 3Rs and Biodiversity. The feedback of the students was collected which showed the active participation and benefit for the students.



Screenshots of the online interaction programme

Programme

DIY Programme for Women

Organized by: Commerce

Date: 28th June – 27th July, 2020

Outcome for Students Empower Women in the neighbourhood

The Department of Commerce organized a One Week online course for household women. DIY for environment conservation under which sessions on vertical garden and Micro green seeds was provided for household women. The first two days (28th -29th June) dealt with the method of creating hanging garden using unused plastic bottles. 14 members participated in the event on the first day and 13 on the second day. Day 3 (30th June) was involved in Microgreen concept in which waste plastic cups were utilized. 12 members participated in the same. Day 4 (1st July) dealt with creating gardens in balcony using the throw away plastics.



11 members participated in the event. Day 5 was engaged with the green innovative thoughts to beautify the gardens. 22 members participated on the last day of the workshop.



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KOZHIKODE - 673009**



CRITERION 7.1.3

**GREEN INITIATIVES BEYOND THE CAMPUS
(2019-2020)**

Programme :Beach cleaning on International Coastal day

Organized Dept: NSS

Date:9/12/ 2019

Outcome for Students Learn the importance of environment conservation

As part of observing the **International Coastal day**, a beach cleaning activity was done by the NSS volunteers on 9thSeptember, 2019. Selected regions of the Calicut beach were cleaned.



Costal Cleaning at Kozhikode



Costal Cleaning at Kozhikode beach

Programme

Pond cleaning

Organized Dept : NSS

Date: 22/02/ 2020

Outcome for Students learn the importance of environment conservation

NSS volunteers cleaned the pond near Kovoor in Kozhikode on 22nd Feb, 2020, which was reported in the National Daily as it was an ecologically sensitive area which was least attended by the local authorities.



Pond Cleaning at Kovoor



CLEANLINESS DRIVE

NSS volunteers of Providence Women's College cleaning a pond near Kovoor in Kozhikode as part of the camp | MANU R MAVELIL

INDIAN EXPRESS

Sat, 22 February 2020

<https://epaper.newindianexpress.com/c/49267082>



Programme

Mananchira cleaning

Organized Dept : NSS

Date: 28/06/2019

Outcome for Students Learn the importance of preserving natural resources

As part of our efforts to conserve water and protect water bodies, the NSS volunteers of Providence Women's College are engaged in the task of cleaning Mananchira Square, the only source of drinking water for the entire Calicut city, on a regular basis. The NSS volunteers are constantly engaged in cleaning the Mananchira. Apart from collecting the plastic waste, the volunteers clear off the bushes surrounding the water body. This in turn helps keep the insects away, and hence its excreta. The tireless work of the volunteers brought visible and marked changes to Mananchira Square in a highly profound manner. The steps leading to Mananchira remained invisible for a long period until the NSS took upon the task.



Cleaning at Manachira Square

On the day an awareness class on waste management was rendered by the Health Inspector, Mr. Dileep K.



Awareness Class @Manachira



Principal addressing the volunteers

Programme

Flash Mob in Solidarity with Greta Thumberg

Organized Dept : NSS

Date: 05/10/2019

Outcome for Students Support peer group for a good cause

A **Flash Mob** was performed in Mofusil bus-station by the NSS volunteers in solidarity with **GRETA THUMBERG**, the environmental activist.



Flash mob at new bus station



Inauguration of flash mob



News paper report of flash mob

Programme

Konatt beach cleaning

Organized Dept : NSS

Date: 20/10/2019

Outcome for Students learn the importance of preserving natural resources

NSS Volunteers attended the Konatt beach coastal cleaning drive.



Beach cleaning at Konatt



Programme	Nature camp at Kadalundi Vallikkunnu
Community Reserve centre	

Organized Dept : Botany	Date: 26/9/2019
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Outcome for Students	Create environmental awareness
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On 26th September, 2019 the students of the Department of Botany attended a Nature camp



Nature camp inauguration

Mananchira square, Kerala.

at
Kadalundi Vallikkunnu Community Reserve centre to observe the International

Association with Kerala



Nature camp at Kadalundi

Programme	Kerala River protection council Student Meet
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Organized Dept : Bhoomitrasena	Date: 1/1/2020
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Outcome for Students	Learn the importance of conservation and restoration of environment
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All the students of the Department of Botany are the members of “**Bhoomitrasena Club**” – supported by Govt. of Kerala. They are involved in various awareness and action



Students Meet

Programmes to conserve and restore environment. The members participated in the **Students Meet** organized by Kerala River protection council, to mark their concern over the global warming phenomenon, on **Jan 1st, 2020**, at Mananchira square.

Programme	Kerala River protection council Student Meet
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Organized Dept : Botany	Date: 26/9/2019
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Outcome for Students	Learn the importance of preserving natural resources
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They also participated in the **River Protection Programme** at Gandhi graham, Kozhikode, organized by Kerala River protection council on **September 26, 2019.**

River Protection Programmeme



Programme	Botanical gardens, Museums visit
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Organized Dept : Botany	Date: 15/01/2020
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Outcome for Students	To know the conservation status of plant species
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The students of Department of Botany also visited **Botanical gardens, Museums and Herbaria** to explore the floristic diversity in the protected and preserved manner. This



Visit to Botanical gardens and herbaria



enhances understanding the floristic richness and developing the thoughts to conserve and restore the natural ecosystems.



Visit to Museum

Programme

Field exploration studies

Organized Dept : Botany

Date: 20/01/2020

Outcome for Students Understand the importance of preserving natural resources

AERITH – Biodiversity club functions under the Department of Botany with the support of KSBB, Govt. of Kerala. The members of the club conduct various **field exploration studies** and awareness campaigns to protect the diverse floral and faunal richness of all the ecosystem types including mangrove ecosystem, grass land ecosystem, rain forests, aquatic ecosystems.



Field Trips to grass land & mangrove ecosystem



Field Trips to rain forest & aquatic ecosystem

Programme

Ensuring potable drinking water

Organized Dept : Botany &Jalasree club Duration: 10/09/2019 to 22/12/2019

Outcome for Students To detect the quality of drinking water

Department of Botany is also involved in **Ensuring potable drinking water** in the adjacent human settlements. Water quality of 36 water samples collected from the flood affected areas of Kannadikkal, Thannerpandal, Vengeri etc. was analysed and water cards were distributed. The analyses were done by **Jalasree club** members in the Jalasree Harithasala Laboratory established with support from the Water Resources Dept., Govt. of Kerala. Remedial measures were advised.



Collected water Samples



Water analysis

Programme	Catching them young
Organized Dept : Physics	Date: 12/08/2019
Outcome for Students Understand how to Extend our expertise to society	

A training Programme on LED bulb making was conducted for the children in the flood relief camp of our college, by the students and faculty. It was intended to effectively engage, entertain and motivate school children in the camp. Introducing them to the simplicity and fascinations of science, but even elderly people of the camp turned up with great enthusiasm



A training Programme on LED bulb making at Providence college flood relief camp

Programme Training workshop on Solar Lamp making

Organized Dept : Physics

Date: 16/11/2019

Outcome for Students Understand the importance of energy conservation

A hands-on training on solar lamp making was given to selected 100 students from various CBSE schools by Dr.Latha P and Dr. Sandhya M in a workshop organized by Jawahar Navodaya Vidyalayam, Kozhikode on 16- 11-2019.



Solar lamp assembling session



Solar lamp assembling at Jawahar Navodaya Vidyalayam

Programme

Solar Lamp Assembling Workshop

Organized Dept : Physics

Date: 20/12/2019

Outcome for Students Understand the importance of energy conservation

14 students from Gokulam Public School attended a training workshop on solar study lamp assembling conducted by the department of Physics.



Solar lamp assembling session



Solar lamp assembling for Gokulam Public School



Programme

Solar study lamp and LED bulb assembling

Organized Dept : NSS& Physics

Date: 22/12/2019

Outcome for Students

Understand How to Extend our expertise to society

Dr. Sini R ,Sayoojya, VishnuPriya And Safaniya were the resource persons for LED bulb and solar study lamp assembling workshop conducted for the NSS volunteers and people of locality during NSS Camp at chelannur

LED assembling @ nss special camp echannur



Solar lamp assembling @ nss special camp echannur

Programme

Solar Lamp Assembling Workshop

Organized Dept : Physics

Date: 14/01/2020

Outcome for Students Understand how to Extend our expertise to society

53 students from St Joseph Anglo Indian Girls Higher Secondary School were trained on solar study lamp assembling by the trained student resource persons in the department of Physics



Solar lamp assembling



Work shop participants of St Joseph AIGHSS

Programme

Drainage Cleaning

Organizer: NSS

Date: 22/12/2019

Outcome for Students Understand the dignity of labour

NSS volunteers cleaned the drainage around the school compound as unwanted plants and waste materials in it hindered the sewage to pass through. The depth of the drainage was also increased



Cleaning the drainage at Ichannur



Drainage after cleaning

Programme

Exploring the Nature through Trekking

Organizer: NSS

Date: 26/12/2019

Outcome for Students Understand the beauty of mother nature

To explore the scenic beauty of the hills and mountains, the volunteers under took the recreational activity on foot during the seven day special camp of NSS at ichannur.



Trekking



Programme

Construction of Geometrical Garden

Organizer: NSS

Duration: 22/12/2019 to 27/12/2019

Outcome for Students How to link subject with gardening

A geometrical garden was constructed in the school compound which was a gift to Students of Ichannur as part of Seven day camp conducted on December, 2019 at Ichannur A U P school. Students made a garden comprising the geometric shapes(circle, square, triangle etc.) which had a structure of a man which named “Pinocchio “



Construction of Geometrical Garden



Construction of Geometrical Garden

Programme

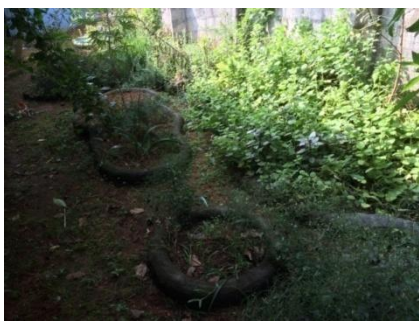
Cleaning School Garden

Organizer: NSS

Date: 23/12/2019

Outcome for Students Understand the importance of preserving our neighbourhood resources for next generation

As part of NSS special camp at Ichannur volunteers cleaned the Ichannur A U P School Garden. Volunteers also take care of vegetables in the grow bags by watering and manuring them.



School Garden before cleaning



School Garden after cleaning



Programme

Canal cleaning

Organizer: NSS

Date: 21/12/2019 to 27/12/2019

Outcome for Students Ensuring continuous flow of clean water through canal system

The NSS seven day special camp of 2019 was organized at Chelannur Grama Panchayat. The major work was to clean the canal in ward 2 of Chelannur Panchayath .The canal was filled with unwanted shrubs which hindered the passage of water through it. So, it was an exigency to cut down these shrubs and clean the canal for the well being of villagers. The volunteers were divided into different groups and completed the work.



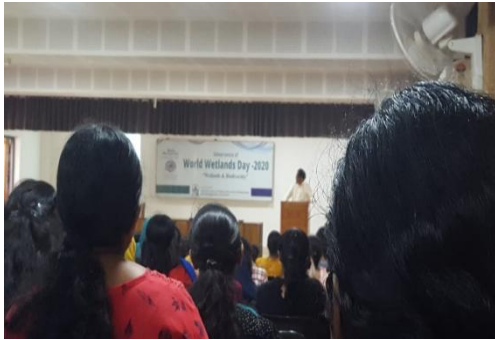
Inauguration of canal cleaning at Ichannur



Progress of Canal Cleaning

Programme	WORLD WETLAND DAY OBSERVATION
Organizer: NSS	Date: 2/2/2020
Outcome for Students Conservation of wetlands for recharging ground water	

NSS Volunteers participated in the nature walk organized as part of World Wetland Day



Wet land day observation

Programme	STREET PLAY
Organizer: NSS	Date: 13/11/2019
Outcome for Students To transform a society to maintain a clean natural environment	

As part of the inauguration of cleaning Programmes at Calicut, NSS units presented a street play at Calicut Beach



Street play at Calicut beach

Programme

KATHIR- PADDY CULTIVATION

Organizer: NSS & Zoology

Date: 10/11/2019

Outcome for Students Understand our traditional cultivation methods

NSS Volunteers and students of Department of Zoology assisted the paddy seedling transplantation at Nechooli in Chathamangalam, Kozhikode in association with 'Paithrakam' - an organic farmers' collective



Transplanting paddy seedlings



Transplanting paddy seedlings

Programme

Lock down Days

Organizer: NSS

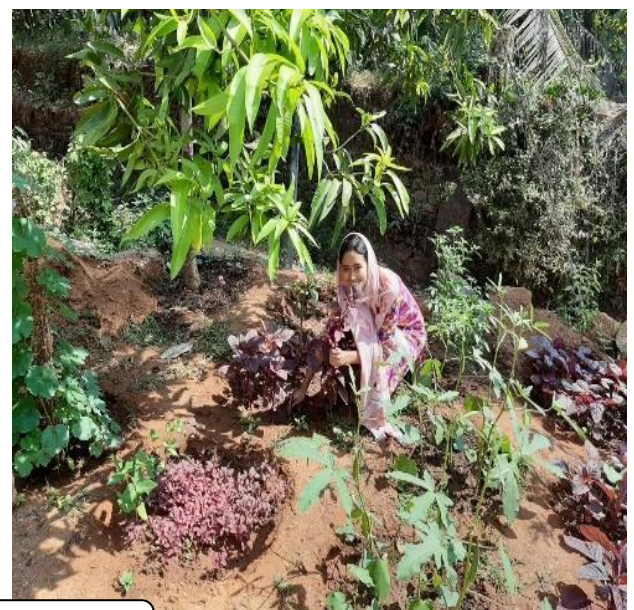
Date: 10/04/20 onwards

Outcome for Students Upholding positivity within families during the pandemic

The importance of flora and its diverse forms were propagated even during the **Pandemic** period. The lockdown days were well utilized by the students. Some of them engaged in indoor gardening and planting ornamental ones. Most of them had their own vegetable garden and got considerably good yields.



Vegetable Garden



Vegetable Garden

**PROVIDENCE WOMEN'S COLLEGE
KOZHIKODE - 673009**



CRITERION 7.1.3

**GREEN INITIATIVES BEYOND THE CAMPUS
(2018-2019)**

Programme :: Cleaning of the Brook of Punoor River

Organizer: NSS

Duration: 22-28/12/2018

Outcome for Students Learn the importance of environment conservation

Seven-day special camp was organized at Kunnamangalam Grama Panchayat, Puthur Kadavu Ward 21, from December 22-28, 2019. The theme of the camp was "Poonoor Puzha Punargeevana Vazhitharayil". Major activity was the Cleaning of the Brook of Punoor River



Inaugural day cleaning



Cleaning work in Progress

Programme :: Cleaning of the Brook of Poonoor River (continue)

Organizer: NSS

Duration: 22-28/12/2018

Outcome for Students Learn the importance of environment conservation

One of the tributaries of Poonoor river, was very much polluted and was covered by unwanted trees and other waste materials. Water served as a dumping ground for different kinds of wastes like plastic, sewage waste and waste from nearby houses. The volunteers were divided into different groups and separate areas were allotted to each day for cleaning



Students with full of energy



Collected waste from the river bank



Work in Progress for smooth flow of water

At the end of seven day NSS camp water flows in the brook of Poonoor river



Programme : Jaivavelli- Biofencing

Organizer: NSS

Date: 27/12/2018

Outcome for Students Learn the importance of environment conservation

Lines of bamboo saplings were planted near Poonoor river to enrich the soil, provide shade, control dust and protection against wildlife. Organic fence was constructed by planting bamboo saplings.



Bio fencing @ Poonoor river Bank

Programme : Cleaning at Govt L.P School, Varadur

Organizer: NSS

Date: 2/11/2018

Outcome for Students Understand the dignity of Labour

Cleaning at Govt L.P School, Varadur, Kannadikkal



Cleaning at varadoor School

Programme : BUS BAY CLEANING

Organizer: NSS

Date: 2/11/2018

Outcome for Students Understand the dignity of labour

Volunteers cleaned and whitewashed the bus bay near to the college



Cleaning bus bay



Programme : SWATCHA BHARATH ABHIYAN WORKSHOP

Organizer: NSS

Date: 22/11/2018

Outcome for Students Understand the importance of cleanliness

NSS Volunteers attended the one day regional workshop on the central Project Swatcha Bharath Abhiyan conducted by Field Publicity office at Hotel DeGrand, Calicut



Attending the workshop



Programme : Beach cleaning on Gandhi Jayanthi

Organizer: NSS

Date: 2/10/2018

Outcome for Students Understand the dignity of work

Volunteers took part in the beach cleaning organized on Gandhi Jayanthi day . On the same day NSS Volunteers participated in the seminar at gandhigram organized as part of 150th birth day celebration of Gandhiji



Attending the workshop



Beach cleaning drive

Programme : Swachtha Pakhwara celebrations

Organizer: NSS

Date: 7/08/2018

Outcome for Students Understand the dignity of labour

As part of Swachtha Pakhwara celebrations volunteers cleaned the side walks of the college



Cleaning drive



Cleaning drive

Programme : Field visits and Explorations

Organized Dept : Zoology

Date: 23/01/2019

Outcome for Students Learn the importance of preserving natural resources

On 23rd January, students of the Department of Zoology visited **Malabar Botanical Garden** under the Government of Kerala, Pokkunnur, to know about the floral biodiversity and the new technologies in conservation. They had a detailed study on ornamental, aquatic and medicinal plants, gymnosperms, spices, mushroom culturing, hydroponics, aquaponics and native varieties. They also visited palm garden, orchid garden, fern garden and butterfly garden.



Programme : Field visit to Kadalundi Bird Sanctuary

Organized Dept : Zoology

Date: 31/01/2019

Outcome for Student: Learn the importance of preserving natural resources

On **31st January**, students from the Department of Zoology visited **Kadalundi Bird Sanctuary** and had a boat ride through the Kadalundi Puzha. They saw different varieties of mangroves and also many migratory birds namely Common Sand Piper, Grey Heron, Common Kingfisher etc. Mr. Radhakrishnan, the official, gave an informative class about the sanctuary, mangroves, migratory birds and the history of Kadalundi with the aid of photographs.



Cleaning drive

Programme : World Wetland Day

Organized Dept : Botany

Date: 6/02/2019

Outcome for Student: Understand the importance of wetland conservation



In association with **World Wetland Day**, students from II DC Botany visited **CWRDM**, Kunnampulam on 6th Feb, 2019. They attended a class by Mr. Harikumar, Executive Officer, on topic “wetland conservation and climatic changes, causes of flood”.

Programme : Field exploration study at Thokkoti

Organized Dept : Botany

Date: 14/12/2018

Outcome for Student: Learn the importance of preserving natural resources

The M.Sc students of the Department of Botany conducted a **field exploration study at Thokkoti** beach to study the diversity of marine algal flora and its ecosystem on **14th Dec, 2018**. Students also visit and study the various types of ecologically fragile lands and conduct field studies about the rich floral diversity of each bio diverse centre.



Field exploration study at Thokkoti

Programme : Nature camp at Kadalundi Community reserve

Organized Dept : Botany

Date: 26/09/2018

Outcome for Student: Understand the importance of wetland conservation

The students of the Department of Botany attended a Nature camp at **Kadalundi Vallikunnu Community reserve** organized on 26th September, 2018 in collaboration with Kerala Forest Department. Students interacted with pioneers and participated in various conservation as well as restoration activities.



Nature camp @ Kadalundi

Programme : Ensuring potable drinking water

Organized Dept : Botany & Jalasree club Duration: September-December 2018

Outcome for Students

Understand the importance of wetland conservation

‘Jalasree’ – the water club under the Department of Botany functions in association with CCDU, Govt. of Kerala, with a mission to ensure the availability of clean and potable drinking water to all as well as to restore the natural fresh water sources. The flood affected areas like Kannadikkal, Thannerpandal, Vengeri etc were examined for the drinking water quality and necessary action were suggested according to the results. Pamphlets describing water conservation, keeping wells clean, well recharging, Rain water harvesting, Restoration of water bodies, Monsoon diseases etc. were distributed to the neighbourhood people. The members also visited CWRDM laboratories as part of Water Literacy Programmeme.



Water Collection & analysis



Water analysis

Programme : Assessment of biodiversity of the Kannadikal wetland

Organized Dept : Botany & Jalasree club Duration: May to September 2018

Outcome for Students

Extend our expertise to society

Assessment of biodiversity of the Kannadikal wetland in collaboration with CWRDM for the proposed Paroppady water part project was an activity done by the students of the Department of Botany. It was highly appreciated by the local governing authorities and the local people who were the beneficiaries.



News Paper report

Programme

LED bulb and LED Tube assembling workshop

Organized Dept : Physics

Date: 17/10/2018

Outcome for Students Extend our expertise to society

An LED bulb and LED Tube making workshop and an awareness on energy management was conducted on 17 th October for the people in the neighbourhood and for the students by Mr. Sijesh Das, District coordinator of Energy Management Centre, Kerala.



A training Programme on LED bulb assembling



A training Programme on LED bulb assembling

Programme : World Water Day observance

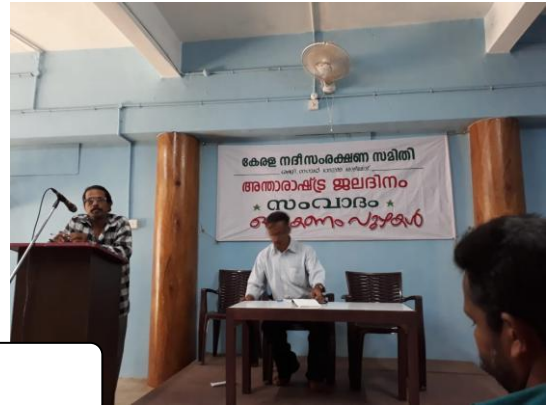
Organizer: NSS

Date: 22/03/2019

Outcome for Students

Learn the importance of preserving natural resources

Volunteers attended the debate Programme at Gandhigram as part of World Water Day observance 22/03/2019



Volunteers attending Seminar at Gandhigram

Programme : World Climate Day

Organizer: NSS

Date: 22/03/2019

Outcome for Students

Learn the importance of preserving natural resources

As part of observing World Climate Day NSS volunteers attended a seminar at CWRDM



Volunteers attending Seminar at CWRDM

PROVIDENCE WOMEN'S COLLEGE
KOZHIKODE - 673009



CRITERION 7.1.3

GREEN INITIATIVES BEYOND THE CAMPUS
(2017-2018)

Programme : Clean our surroundings

Organizer: NSS

Date:29/06/2017

Outcome for Students Know the dignity of labour

Cleaned the area outside of Providence Women's College. Kozhikode corporation Mayor Thottathill Raveendran inaugurated the Programme.



Inauguration of Cleaning

Programme : Farmers' Day celebrations

Organizer: NSS

Date: 16/08/2017

Outcome for Students Understand the agricultural tradition of our state

As part of Farmers' Day celebrations , the NSS units of Providence Women's College honoured two prominent seasoned farmers of the state Mr.Raman and Mr.K.B.Kannan, at Town Hall, Kozhikode. Volunteers also performed various cultural Programmes evoking the memories of agriculture practiced by our older generations.



Cultural Programmes Evoking Tradition

Programme : A NEW LIFE TO POONOR

Organizer: NSS

Date: 02/07/2017

Outcome for Students Understand the importance of conserving water bodies and biodiversity

The NSS Volunteers of Providence Women's College under the guidance of honourable District Collector Dr. U.V Jose, Dr. Sr. Neetha, Niravu Residents and with the support of the people in the locality cleaned the river's origin at Kattippara Panchayat. Thereafter, the NSS volunteers set the stone rolling for the rejuvenation of all the rivers in Kerala that are listed under the category of endangered ones. The task culminated in an unofficial ceremony of drinking clean water from Poonor river by Collector and his wife.



Rejuvenating the Poonor river

Programme

Mananchira cleaning

Organizer: NSS

Date: 27/07/2017, 16/09/2017, 17/09/2017
21/09/2017, 23/09/2017

Outcome for Students Know the importance of preserving natural resources

As part of the year long cleaning drive at Mananchira, volunteers cleaned the Mananchira



Cleaning drive at Mananchira



Newspaper report



Before cleaning



After cleaning



Programme

Training on making logo for “Midori”

Organizer: NSS

Date: 15/08/2017

Outcome for Students Undergo training on acquiring traditional knowledge

As part of “Midori”, an Agricultural Biennale which is proposed to be conducted in the month of December 2017, NSS volunteers underwent a training on making logo for “Midori” using coconut fronds. 15/08/2017



Logo making training



Participants displaying the logo

Programme

Painting the walls of Niravu residence for "Midori"

Organizer: NSS

Date: 25/11/2017

Outcome for Students Understand the relevance of connecting with the community passionately

Volunteers continued the painting of the walls of Niravu Residential area based on the themes of sustainable environment, energy conservation, water conservation etc under the guidance of Artist Madanan of Mathrubhumi newspaper.



Painting the walls



Painted walls



Newspaper report



Programme

Painting the walls of Niravu residence for “Midori”

Organizer: NSS

Date: 26/11/2017

Outcome for Students Understand how to recycle our waste

As part of preparations for the special camp “Midori” volunteers installed the Biogas plant at Niravu on the basis of one biogas facility for every four other houses in the neighbourhood.



Biogas Plant Installation

Programme

Energy conservation Rally

Organizer: NSS

Date: 14/12/2017

Outcome for Students Understand how to create awareness on a social issue

Volunteers took part in the energy conservation Rally conducted on behalf of National Energy Conservation Day.



Energy Conservation rally

Programme

“Midori” NSS SPECIAL CAMP

Organizer: NSS

Duration: 21/12/2017 to 27/12/2017

Outcome for Students How to preserve natural resources for future generations

The camp titled “Midori”, an innovative exhibition comprising of 101 sustainable development models in 100 households focusing on the organic way of life.”Midori”



meaning green is a reminder of a generation in Japan that bounced back to life with their unwavering zeal for farming that healed the scars of the nuclear bomb attack during World WarII. The camp was inaugurated by the Honourable Minsiter, T.P.Ramakrishnan in the presence of other dignitaries including U.V.Jose, Thottathil

Raveendran,, Pradeepkumar M.L.A etc. Students took part in painting theme based pictures on the compound walls, implementation of biobins for waste



management and solar energy panels for energy conservation , grow bag making, organic vegetable farming, designing of a zero energy cooler for storing vegetables etc. There



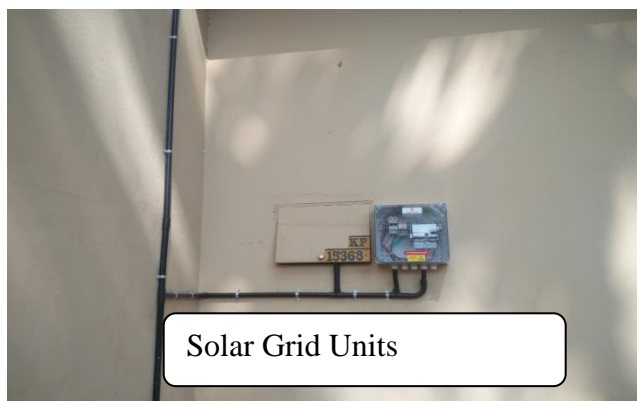
were several models related to energy and water conservation besides mushroom cultivation, mini solar plant and LED bulb manufacturing. NSS volunteers actively took part in the camp by demonstrating the process and functions of each and every model.

Programme**“Midori” NSS SPECIAL CAMP (continue)****Organizer: NSS**

Duration: 21/12/2017 to 27/12/2017

Outcome for Students How to preserve natural resources for future generations

To make students understand the importance of power and energy conservation, they were guided to implant solar grid units and working process behind it. When sunlight shines on solar panels they produce direct current (DC). That DC is converted into household AC by your power inverter and it is used for



Solar Grid Units

household purposes. The excess power is transferred to the KSEB and thus the process of import and export continues. Volunteers explained the functions and working of solar panels to create awareness among visitors that energy matters a lot in our life.

Despite several awareness Programmes conducted by the State Government on waste management many people still remain in the dark on how to execute these ideas into realities. Hence, the NSS volunteers were all set to impart knowledge of their success stories in



waste collection



Paper bag making

Niravu Residents Association

to interested personalities. The plastic waste materials have to be washed, dried and separated to different

categories. All these things are later sent for recycling process. Another method is to make useful products such as bags, mats, purses etc from waste materials. To avoid plastic carriers and bags, the NSS volunteers demonstrated the making of bags using paper and waste products.



Products from waste

Programme

“Midori” NSS SPECIAL CAMP (continue)

Organizer: NSS

Duration: 21/12/2017 to 27/12/2017

Outcome for Students How to preserve natural resources for future generations

One of the main attractive models presented was “Kasargod Kullan,” an endangered cow species in Kerala. The dung from a single cow generates the fertilizer for cultivation in 101 households. The fertilizer known as “geevamritham “ was prepared by the students and sold to the visitors during the special camp days.



"Kasargod Kullan" Cow



Fertilizer "Geevamritham"



Clean cow shed

Programme

“Midori” NSS SPECIAL CAMP (continue)

Organizer: NSS

Duration: 21/12/2017 to 27/12/2017

Outcome for Students How to preserve natural resources for future generations

The entire houses under Niravu Residents association depend on organic farming food products. One can find various types of organic vegetables, fruits, grains, cereals cultivated.



Organic farming



Preparation for making grow-bag



Grow bags prepared by volunteers

Programme

Farming at IMHANS

Organizer: NSS

Duration: 21/12/2017 to 27/12/2017

Outcome for Students How to help underprivileged groups

IMHANS, an autonomous institute based in Calicut with the lone objective of paying attention to psychosocial issues in the society. People face umpteen stress and strains in today's world. Some find it quite difficult to cope with the changes, stress and strains and end their lives in mental asylums. It is here the role IMHANS plays become relevant. The doctors understand that the inmates of IMHANS are not to be isolated; they too are part of the mainstream and to make them confident the institute undertakes keen interest in engaging them with extracurricular activities. Hence, for the inmates of IMHANS, the NSS volunteers undertook the task of planting tapioca stems in the one-acre land adjacent to the hospital. Honourable district collector Sri U.V. Jose in the presence of Dr. Sr. Neetha and IMHANS Director Krishnakumar inaugurated the Programme. The NSS volunteers tilled the land, cleared the garbage and dug a depth of 25-30 cm to establish a deep porous field in which the stems were planted. Along with the volunteers, the inmates also did their part.



Programme

Organic farming at Nayanar Balika Sadanam

Organized Dept : NSS

Date: 10/03/2018

Outcome for Students How to help less privileged people

Volunteers participated in the cleaning of the organic farm at Nayanar Balika Sadanam Eranjipalam, Kozhikode which is an organization for differently abled students.



Supporting organic farming

Programme

Awareness Programme for the students of AMLP

School

Organized Dept : Mathematics

Date:15/07/2017

Outcome for Students Understand their civic responsibility

Department of Mathematics and Statistics arranged an awareness Programme for the students of AMLP School, Parambil Bazar on 15/07/2017 on the topic “**Plastic Usage**”. Our students prepared a documentary on the same topic and discussed various ways to tackle such social issues.



Awareness Programme

Programme	World Environment Day at Free birds
Organized Dept : Commerce	Date:6/06/2017
Outcome for Students	Understand their civic responsibility

As part of World Environment Day, the students of the **Department of Commerce** planted saplings in the premises of "Free Bird" Children's Home and distributed pen, pencil, eraser, scale, rubber and note books to the inmates.



Planting saplings at Free Bird Children's home

Programme	Environment Day with School Students
Organized Dept :Business Administration	Date:15/07/2017
Outcome for Students	Understand their civic responsibility



Awareness Class

Department of Business Administration celebrated Environment Day with the school students. IIDC BBA students provided awareness class on “Environment protection and Importance of using Ecofriendly P roducts” for the students of Cholapurath U.P school. They also conducted coloring competition. The session also highlighted about the preservation of environment, use of ecofriendly products and the application of the same in our daily life.

Programme	Distribution Of tree Sapling
Organized Dept : Zoology	Date: 22/12/2017
Outcome for Students	Understand the importance of environment conservation

On 22nd Dec, 2017, the students of Department of Zoology **distributed tree saplings** to Sellere and 25saplings to Niravu Resident Association. It was also given to staff and students. Saplings of Mango, Jack, Guava, pomegranate etc. was supplied.



Distribution of saplings

Programme	Nature Camp at Nilambur Reserve forest
Organized Dept : Zoology	Date: 13-14/11/2017
Outcome for Students	Understand the importance of environment conservation

On 13-14 Nov, 2017IIDC Zoology students attended a two-day **Nature Camp at Nilambur Reserve Forest** organized by the Forest Department, Govt. of Kerala. They had anature walk in the forest andin tribal colonies they also visited Teak Museum,Teak plantation and Canolly's Plot.



Nature Camp at Nilambur

Programme	Biodiversity Study
Organized Dept : Zoology	Date: 4-7/1/2018
Outcome for Students	Understand the importance of environment conservation

On Jan 4- 7, 2018 The students of IIIDC Zoology went for **Biodiversity Study** to Goa. They visited National Institute of Oceanography, Salim AliBird Sanctuary, Dolphin Ride, Sandy shore & Rocky shore beaches. Faunal Diversity in the various ecosystems were studied and documented.



Biodiversity Study

Programme	Plastic Collection
Organized Dept : Chemistry	Date: 6/6/2017
Outcome for Students	Understand the importance of environment protection

As part of Environment Awareness week, the **Department of Chemistry** collected plastic wastes in and outside the campus, neighbouring houses, shops and schools and is given for recycling. Paper bags were made and distributed in the nearby shops to replace the plastic bags used there.



Plastic Collection

Programme	Awareness Programme on conservation of biodiversity
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Organized Dept : Botany	Date: August-February
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Outcome for Students	Understand the importance of conserving biodiversity
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The students of the Department of Botany attended various awareness Programmes on Conservation of Biodiversity propagation of floral richness, held at different recognized National institutes. Talk for PG and UG students, on ‘Plant systematic by Dr. Prof Daike Tian, International Nelumbo Registrar, China, on 19 Aug 2017, at MBGIPS Kozhikode, Talk for PG and UG students on



Wheat breeding by Dr. Jayaprakash, Senior Scientist on 23 Jan 2018 at Wheat Breeding Station, Wellington, Ooty, Talk for PG and UG students on ‘Molecular techniques in plant breeding’ by Dr. Arun on 22 Jan 2018 at CSRTI Mysore, Talk for PG students on Rice Breeding Techniques by Dr. Chithra, Scientist, on 26 Feb 2018 at Rice Breeding Station Pattambi; are a few among them.

Programme	Awareness Programme on conservation of biodiversity
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Organized Dept : Botany	Date: 3/2/2018
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Outcome for Students	Understand the importance of conserving biodiversity
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World Wetland Day was celebrated on **3rd February 2018**. A film Show on KAIPPAD (The blackish water- paddy-prawn field ecosystem) directed by Mr.Babu Kambrath was held in connection with wetland day. The students attended Inter-collegiate Quiz on World Wetland Day at Govt. Arts & Science College, Meenchanda and won first place.



Programme	Biodiversity hotspots and propagation center visit
Organized Dept : Botany	Date: 12/01/2017
Outcome for Students	Understand the importance of conserving biodiversity

The students of the Department of Botany visited various **Biodiversity hotspots and propagation centers** to have a wide outlook on the conservation Biology and involved in various conservation Programmes. IISR,CSRTI (Mysore), DFRL (Mysore), Bonsai Garden (Mysore), IARI RS Wellington (Ooty), Govt.Botanical Garden (Ooty), RARS(Pattambi), RARS (Ambalavayal) and MBGIPS during the academic year 2017-18.(12th Janury 2017)



Providence Women's College

Re-Accredited with A+ Grade by NAAC

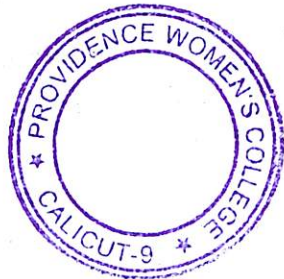
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CARMEL HILL
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CERTIFICATE

I hereby certify that the documents submitted above for 7.1.3 have been verified with the departments concerned and office documents and found true to the best of my knowledge.




Dr. Sr. Jaseena Joseph
Principal (PEN 470173)
Providence Women's College
Kozhikode - 673 009