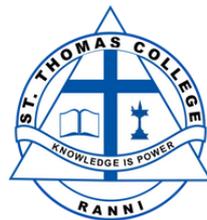




Best Practice 2

Thomasian CARE



ST. THOMAS COLLEGE

Ranni, Pathanamthitta, Kerala - 689673

ACCREDITED BY NAAC WITH 'B' GRADE



BEST PRACTICE 2

Title: Thomasian CARE

Introduction

Thomasian CARE is one of the Best Practices of St. Thomas College, Ranni, implemented with the objective of instilling environmental consciousness among the students. It also aims to inculcate a sense of responsibility towards environment and also to familiarise them with eco-friendly practices.

The Context

In the contemporary world young men and women have a great role to play in preserving the ecosystem by being sensitive to its needs for survival and existence. The institution, through its environment-care initiatives, ensures that students engage themselves in activities catering to the needs of the ecosystem inside and outside the campus, thus spreading the message that education is incomplete without a sense of responsibility towards nature.

The Practice

To develop environmental consciousness and sense of responsibility towards environment, the institution has initiated activities inside and outside the campus. The practice is implemented in two levels:

- 1. Campus Environment CARE Initiative** - This is a drive that took two directions, **Green Initiatives** inside the campus and **External and Internal Green Audit**. **Green Initiatives** inside the campus were mainly carried out under the aegis of Nature club, Bhoomitra Sena club, NSS etc:-. Collaborative ventures with Suchitwa Mission, Haritha Keralam Mission, National Skill Development Board and Kerala State Centre for Science, Technology and Environment were also undertaken. Activities included planting tree saplings in the campus, organising quizzes, debates and awareness sessions on environment related themes, setting up of butterfly garden, Pachathuruthu, waste disposal and pipe compost units, and conducting sessions pertaining to waste recycle/reuse methods.

External Green Audit, Energy Audit and Environment Audit were conducted by OTTOTRACTIONS (ISO certified and accredited auditing agency) and assessed the carbon footprint, Green initiatives, waste management, energy management and environment awareness activities inside the campus. This initiative was done in two spells, during 2018-20 and 2020-23. As part of the **Internal Green Audit** conducted in collaboration with Tropical Institute of Ecological Sciences (TIES), Kottayam,



faculty and students of the institution carried out Waste Audit, Water Audit and Biodiversity Audit. This has familiarised them with methods for enhancing environment sustainability through necessary management and conservation strategies.

- 2. Beyond the campus Environment CARE Initiative** - Extending the activities pertaining to environment protection and preservation beyond the campus, this initiative has been instrumental in inculcating a sense of responsibility towards environment and fellow-beings. This has been evident in the activities carried out beyond the campus especially in the wake of 2018 and 2019 Kerala floods. Under the aegis of NSS, NCC and Bhoomitra Sena Club, students engaged themselves in activities like plogging (picking up litter while jogging), planting bamboo along Pampa river bank to prevent bank erosion, planting fruit trees in one's own house premises during Covid-19 pandemic period, cleaning flood-affected houses and public places, providing medical camp assistance for flood victims, assisting government officials to collect water from flood-affected wells for bacterial analysis, sanitation drive at Sabarimala etc:-.The institution collaborated with Kerala State Pollution Control Board, Haritha Keralam Mission and District Industries Centre, Pathanamthitta in carrying out the mission successfully.



ST. THOMAS COLLEGE, RANNI

Campus Environment CARE Initiative

Green Initiatives

(2017-2022)



2017-18

PLANTING TREE SAPLINGS IN THE CAMPUS

On 5th June 2017, as part of World Environment Day celebrations, members of Nature Club came together to plant 50 tree saplings inside the campus. Recognising the numerous benefits trees provide to the environment, the initiative aimed to contribute directly to improving air quality, conserving water, and enhancing the overall greenery in the area.



SEMINAR ON “SUSTAINABLE TOURISM- A TOOL FOR DEVELOPMENT”

On 27th September 2017, as part of the celebration of World Tourism Day, the P G Department of Tourism & Travel Management hosted a seminar titled "Sustainable Tourism - A Tool for Development." The purpose of this seminar was to delve into the concept of sustainable tourism and recognise its potential as a catalyst for fostering economic, social, and environmental development.





2018-19

TALK ON “ENVIRONMENTAL HISTORY OF PATHANAMTHITTA”

On 6th October 2018, the Bhoomitra Sena Club organised a talk titled "Environmental History of Pathanamthitta" with the intention of familiarising the students with the environmental history of Pathanamthitta and also to create awareness about the pressing environmental issues of our times and foster a deep love and respect for nature.



STUDENTS PREPARING LAND FOR BUTTERFLY GARDEN

On 12th October 2018, the Bhoomitra Sena Club, dedicated to environmental preservation, successfully initiated a butterfly garden within the campus. This initiative was carried out with the aim of creating a nurturing habitat for butterflies by providing suitable nectar sources and host plants for their reproduction.





QUIZ AND DEBATE COMPETITIONS ON ENVIRONMENTAL MATTERS

On 2nd November 2018, Bhoomithra Sena Club conducted quiz and debate competitions based on environment related topics. The quiz competition was conducted with the aim of promoting environmental consciousness among the student community. The debate competition provided them with a valuable platform to express their perspectives, engage in constructive dialogue, and exchange ideas regarding intricate environmental challenges. Both the events witnessed active participation of students from various departments.





2019-20

STUDENTS ENGAGED IN ORGANIC FARMING ACTIVITIES

On 19th June 2019, Department of Botany initiated an organic farming unit to inculcate traditional farming practices among students. It was also an opportunity for students to get themselves connected with nature and understand the importance of farming practices.



VANA MAHOTSAVA CELEBRATION AND INITIATION OF STAR FOREST

From 1st to 7th July 2019, in an endeavour towards maintaining the green cover of the campus and spreading the message of conserving nature, Department of Botany celebrated Vana Mahotsava. The week-long celebration initiated the creation of a Star Forest in the campus.





ST. THOMAS COLLEGE, RANNI

CONSTRUCTION OF WASTE DISPOSAL UNIT

On 20th July 2019, volunteers of the National Service Scheme (NSS) Unit installed a plastic waste disposal unit within the campus with the aim of addressing the pressing issue of plastic waste management and to promote sustainability practices.



SEMINAR ON “EMERGING ENVIRONMENTAL ISSUES OF 21ST CENTURY IN THE CONTEXT OF SUSTAINABLE DEVELOPMENT”

On 27th August 2019, Bhoomitra Sena Club organised a seminar titled "Emerging Environmental Issues of 21st Century in the Context of Sustainable Development." The seminar aimed to explore environmental concepts and actions that go beyond the curriculum and syllabus, providing participants with a broader understanding of the challenges and remedies associated with environmental issues.





EXHIBITION OF VALUE-ADDED PRODUCTS OF COCONUT

On 2nd September 2019, Department of Botany organised an exhibition of the value-added products of coconut to celebrate World Coconut Day. The event served as a platform to showcase a wide array of products derived from different parts of coconut and aimed to raise awareness about the significance of the coconut in various industries.



OZONE DAY OBSERVANCE

On 16th September 2019, International Day for the Preservation of Ozone Layer was observed under the aegis of the Department of Botany by conducting an awareness session themed on "Let's Protect Our Ozone Layer for a Better Tomorrow". The event aimed to instil awareness about the importance of preserving the ozone layer and its impact on the environment.





ST. THOMAS COLLEGE, RANNI

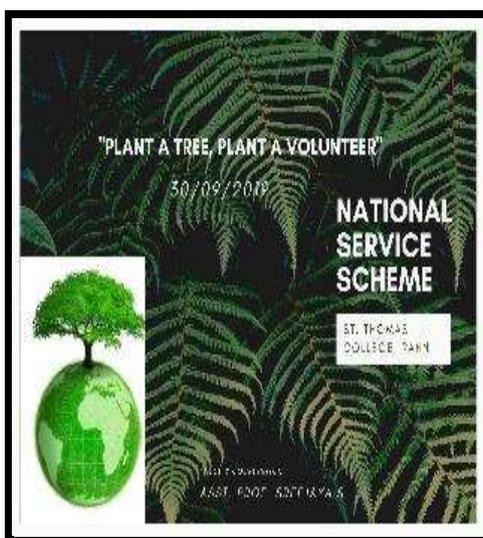
ORGANIC FARMING INITIATIVE

On 26th September 2019, an organic farming unit was established in the college campus. NSS volunteers played a pivotal role in the development and maintenance of this unit. The objective was to promote sustainable agricultural practices, minimize the use of synthetic chemicals, and encourage the production of organic crops.



“PLANT A TREE, PLANT A VOLUNTEER” INITIATIVE

On 30th September 2019, the NSS unit initiated the "Plant a Tree, Plant a Volunteer" drive that aimed to engage the volunteers in hands-on environmental conservation methods by planting tree saplings within the college premises. The programme sought to foster a greener and more sustainable future by encouraging the volunteers to embrace their roles as environmental stewards.





**PLANTING TREE SAPLINGS INSIDE THE CAMPUS AS A PART OF SETTING UP
“PACHATHURUTHU”**

On 9th October 2019, in collaboration with Haritha Keralam Mission, Bhoomithra Sena Club initiated the establishment of a “Pachathuruthu” within the college campus, in which students actively participated by planting tree saplings of various types. This symbolic act demonstrated their commitment to environmental conservation and their role as responsible stewards of the ecosystem.



GREEN CAMPUS CAMPAIGN- DISTRIBUTION OF CLOTH CARRY BAGS

On 11th October 2019, as part of the Green Campus Campaign aimed at fostering environment-friendly practices among students, distribution of cloth carry bags was initiated. Recognising the adverse impact of plastic on the environment, the campaign sought to replace plastic bags with reusable cloth bags.





TRAINING ON ECO-FRIENDLY CLOTH AND PAPER BAG MAKING

On 13th to 15th January 2020, NSS volunteers actively engaged themselves in a skill development programme organised by the National Skill Development Board. The programme focused specifically on eco-friendly cloth and paper bag making techniques. Through hands-on training and guidance, the volunteers were equipped with the necessary knowledge and skills to produce environmentally sustainable bags.



CRAFT EXHIBITION- “WASTE INTO WEALTH”

In January 2020, Bhoomitra Sena Club and Nature club jointly organised a craft exhibition titled “Waste into Wealth”. Many handicrafts made out of materials like used bottles, cloth and paper were exhibited to promote eco-friendly initiatives





**HARITHA KERALAM MISSION PRESENTING AWARD OF RECOGNITION TO
THE NSS VOLUNTEERS**

In January 2020, NSS volunteers (2nd year Zoology) of the college received award of recognition from Haritha Keralam Mission for the best project proposal themed on “My Campus, Clean Campus” in connection with a seminar on “Environment Protection and Waste Management” conducted in the college auditorium, jointly organised by NSS and IQAC in collaboration with Haritha Keralam Mission.



ORIENTATION ON E-WASTE MANAGEMENT

In February 2020 an orientation on E-waste management was organised by IQAC in collaboration with Green Ambassadors and KARO SAMBHAV Cohesive e-waste Movement. The session included presentation and videos on E-waste management, Question and Answer round, and Games and Quizzes based on E-waste.





2020-21

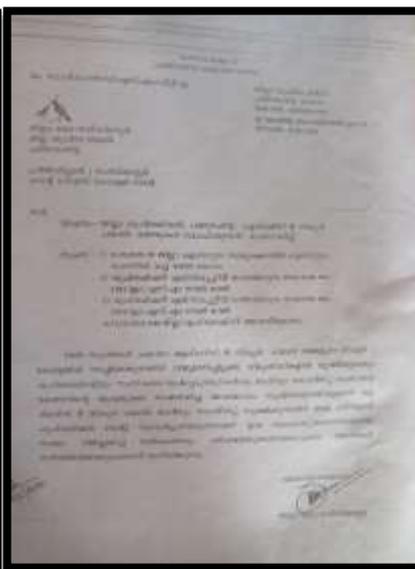
WORLD ENVIRONMENT DAY OBSERVANCE- PLANTING TREE SAPLINGS

On 5th June 2020, as part of World Environment Day observance, Nature Club and NSS unit jointly organised activities to encourage students to actively engage in environmental conservation duties like planting trees. This was aimed to instil a sense of responsibility and appreciation for nature among the students.



**INSTALLATION OF FOUR-COMPARTMENT PLASTIC DISPOSAL UNIT
DONATED BY DISTRICT SUCHITWA MISSION**

In June 2020, a four-compartment plastic and paper waste disposal unit-“collectors at School”- donated by District Suchitwa Mission was installed in the college. The plastic and paper waste collected in this unit is shifted to the safe waste disposal units run by Pazhavangadi Panchayat on a regular basis.





DECLARATION OF “PACHATHURUTHU” AS STATE LEVEL FOREST

On 15th October 2020, “Pachathuruthu” created and maintained by Bhoomitra Sena club was declared as State Level Forest by Haritha Keralam Mission.



SETTING UP OF PIPE COMPOST UNIT

On 23rd March 2021, four pipe compost units were installed in the campus under the aegis of Bhoomitra Sena Club and Nature Club to ensure safe waste disposal practices in the campus.





ST. THOMAS COLLEGE, RANNI

2021-22

SIGNING OF THE MoU BETWEEN CLEAN KERALA COMPANY LIMITED AND PRINCIPAL, ST. THOMAS COLLEGE, RANNI

To work together on a project of developing a system for collection, sorting, segregation and safe disposal of the non-biodegradable waste, and electronic and hazardous waste generated in the campus, and thereby to implement sustainable waste management practices, St. Thomas College, Ranni, signed an MoU with Clean Kerala Company Limited on 3rd February 2022.





ST. THOMAS COLLEGE, RANNI

MEMORANDUM OF UNDERSTANDING

BETWEEN



Clean Kerala
Company Limited

CLEAN KERALA COMPANY LIMITED
THIRUVANANTHAPURAM

AND



ST. THOMAS COLLEGE

Ranni, Pathanamthitta Dist.



ST. THOMAS COLLEGE, RANNI

For

IMPLEMENTING SUSTAINABLE WASTE MANAGEMENT PRACTICES

MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (hereinafter "Memorandum" or MoU) is dated this the 3rd day of February 2022

BETWEEN

Clean Kerala Company Limited having its registered office at State Municipal House, Vazhuthacaud, Thiruvananthapuram – 695010 (hereinafter referred to as "First Party" which expression shall mean and include its administrators and permitted assigns),

AND

The Principal, St. Thomas College, Ranni having their office at Ranni, Pathanamthitta district (hereinafter referred to as "Second Party" which expression shall mean and include its administrators and permitted assigns).

(Referred to herein as "Parties" or individually as "Party")

WHEREAS

- A. The parties are interested in working together in connection with the Purpose which is described in this Memorandum.
- B. This Memorandum sets out the initial relationship between the Parties as well as the respective rights and responsibilities of each Party.
- C. Each Party respectively is expected to act in good faith in accordance with this Memorandum.



ST. THOMAS COLLEGE, RANNI

NOW THEREFORE IN CONSIDERATION OF the premises and the mutual covenants set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged the parties hereto covenant and agree as follows:

1. PROJECT AND PURPOSE

- A) The Parties intend to work together on a project which is meant to deal with the non-biodegradable waste and electronic and hazardous wastes generated in the campus.
- B) The Project has the following purpose:
To develop a system for collection, sorting, segregation and safe disposal of the non-biodegradable waste and electronic and hazardous wastes generated in the campuses of St. Thomas College, Ranni thereby implementing sustainable waste management practices.

2. GENERAL OBLIGATIONS

- a) The Parties will act in good faith and will use their best endeavours to achieve the Purpose and to give effect to the terms of this Memorandum.
- b) The Parties hereby acknowledge and agree that they will each respectively perform all acts and execute all documents as reasonably required in order to give effect to the terms of this Memorandum.
- c) Each Party agrees to cooperate in the spirit of mutual understanding and goodwill in order to develop the Parties' relationships with one another and in order to pursue the purpose.

3. ROLES OF PARTIES

- a) **St. Thomas College, Ranni** will have the following obligations in relation to the Project:
 - 1. Provide a material collection facility in the campus for storage of material prior to transportation
 - 2. Facilitate efficient and regular collection operations throughout the campus.
 - 3. Ensure segregation of the non-Biodegradable waste and recyclable e-waste and hazardous waste material and aggregation of the same

3



- to the point from where Clean Kerala Company should collect the material
4. Loading of material to the collection vehicle arranged by Clean Kerala Company
 5. Designate an Officer in the campus from among the Faculty members to facilitate CKCL where this project is undertaken to coordinate the activities under this project
 6. Organise programmes to create awareness on sustainable waste management practices among the campus users
 7. Building a framework to monitor the activities and sustenance of this project
 8. Devise strategies to reduce waste generation in the campus, implementation of green protocol
 9. Provide PPE Kit to persons engaged in collection of bio medical waste from different locations of the campus.
- b) **Clean Kerala Company Limited** will have the following obligations in relation to the Project:
1. Collection of Non-Biodegradable waste and e-wastes and hazardous wastes separately from a single point in the campus. The rates for disposal for hazardous chemicals shall be informed in writing before lifting.
 2. The rates for disposal of e-wastes and hazardous and se-wastes shall be based on the standing government order (e-waste G.O.(Rt) No. 479/2021/LSGD, G.O. No. 1117/16/LSGD and G.O no. 3326/2017/LSG for definitions of e-waste and hazardous e-waste). Any amendments in the above-mentioned orders shall be duly communicated to the second party. The rates payable to the College for the non-biodegradable waste is given in the table below.

Sl No	Item	Unit	Price in Rs.
	Metal		
1	Metal Scrap	KG	15
2	Stainless Steel	KG	50
3	Aluminium soft drink can	KG	30



Paper			
4	News Paper	KG	9
5	White paper / Answer sheet	KG	5
Plastics			
6	Milk Pouch	KG	10
7	Oil Cover	KG	3
8	Paper cup	KG	2
9	Tetra Pack	KG	2
10	PET Bottle	KG	10
11	Aluminium Foil	KG	10
12	Multi-Layer plastic/Thermocol unsegregated plastic products	KG	NIL

*Any other items and its rate that comes up during the project period will be finalized mutually.

3. All payments for lifting of the waste material shall be made within 10 days of generation of invoice from CKCL and all payments due to the college being the value of the waste as per table above will be paid in 10 days.
4. Implementation of collection calendar determining the frequency of collection, specific types of material to be collected, etc which will be finalised by mutual discussion and once finalised that will form part of this MoU.
5. Logistics arising from the single point collection to recycling or disposal stations (includes transportation from the collection point to RRFs and beyond).
6. Coordination and liaising with the officers from St. Thomas College, Ranni who are appointed as the nodal officer/s for this project.
7. Provide faculty support for organising training /awareness programmes.
8. Guidance in recordkeeping and monitoring of the project.



9. Ensure safe and scientific disposal of all waste collected including landfilling of non-recyclable materials derived from the collected material as the case may be.
10. Payment of predetermined rates for recyclable e-waste and others.
11. Invoicing of the materials which are hazardous and non-recyclable to the College and levy the cost involved for safe disposal.
12. Issue receipt on removal of waste from the campus.

4. TIME AND DURATION OF THE PROJECT

- a) This Memorandum will remain in effect for a period of **One Year** from the date of signing, unless and until otherwise terminated by the Parties.
- b) The Parties may terminate this Memorandum by mutual agreement.
- c) Either Party may terminate this Memorandum by giving a notice of 45 days to the other Party.

5. TAXES, DUTIES AND LEVIES

All central, state or local taxes and levies applicable from time to time shall be paid by both Parties as per Government rules and procedures in vogue.

6. ENVIRONMENT, HEALTH, SAFETY POLICY AND PRACTICE

Both Parties shall implement and adhere to the environment, health and safety policy and practices, during the contract period. The employee and worker safety, control mechanisms of litter, pest, odour, fire, surface runoffs, etc. shall be taken care by both the parties.

7. FORCE MAJEURE

Neither the First Party nor the Second Party shall be held responsible for non-fulfilment of their respective obligations under this agreement due to the exigency of one or more of the force majeure events such as natural disasters, civic unrest, military unrest, etc. provided on the occurrence and cessation of any such events, the party affected thereby shall give a notice in

6



writing to the other party within fifteen days of such occurrence or cessation. If the force majeure conditions continue beyond three months, the party shall then mutually decide the future course of action.

8. AMENDMENT OR CANCELLATION OF THIS MEMORANDUM

This Memorandum may be amended or modified at any time in writing by mutual consent of both parties.

In addition, the Memorandum may be cancelled by either party with 45 days advance written notice, with the exception where cause for cancellation may include, but is not limited to, a material and significant breach of any of the provisions contained herein, when it may be cancelled upon delivery of written notice to the other party.

9. DISPUTE RESOLUTION

- a) Any dispute(s) arising out of this Memorandum shall, as far as possible, be settled amicably between the Parties hereto failing which the following shall apply:
- b) The Government of Kerala will take the final decision over any dispute, differences or claims arising out of this Memorandum and that will be binding on both parties.

10. SEVERABILITY CLAUSE

In the event that any provision of this Memorandum shall be deemed to be severable or invalid, and if any term, condition, phrase or portion of this Memorandum shall be determined to be unlawful or otherwise unenforceable, the remainder of the Memorandum shall remain in full force and effect, so long as the clause severed does not affect the intent of the Parties. If a court should find that any provision of this Memorandum to be invalid or unenforceable, but that by limiting said provision it would become valid and enforceable, then said provision shall be deemed to be written, construed and enforced as so limited.



ST. THOMAS COLLEGE, RANNI

11. ENTIRE AGREEMENT

The herein contained Memorandum constitutes the entire understanding of the Parties pertaining to all matters contemplated hereunder at this time. The Parties signing this MoU desire or intend that any implementing contract, license, or other agreement entered between the Parties subsequent hereto shall supersede and pre-empt any conflicting provision of this Memorandum whether written or oral.

12. APPLICABLE LAW

This Memorandum shall be governed by and construed in accordance with the laws of the State of Kerala.

13. AUTHORISATION AND EXECUTION

The signing of this Memorandum as such intends that the signatories shall strive to reach, to the best of their abilities, the goals and objectives stated in this MoU.

This Memorandum of Understanding shall be signed by District Manager, Pathanamthitta (Clean Kerala Company Limited, Thiruvananthapuram) and Principal, St. Thomas College, Ranni, Pathanamthitta Dist. and shall be effective as of the date first written above.

(District Manager, Pathanamthitta
Clean Kerala Company Limited)

DEEPA KUMAR M.B
District Manager
Clean Kerala Company Ltd.
(Under LSOD-Government of Kerala)
Pathanamthitta
Ph: 7558059333
Email: pta.ckc@gmail.com

3.02.2022

(Principal, St. Thomas College, Ranni)

PRINCIPAL
Dr. ALEYAMMA KURUVILLA
ST. THOMAS COLLEGE
PAZHAYANGADI P.O., RANNI-689 673

3-02-2022

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ST. THOMAS COLLEGE, RANNI

Witness

1. Name & Address

Dr. Sacka Eley Jacob
Assistant Professor
Dept. of English
St. Thomas College
Ranni

Signature

Witness

1. Name and Address

Shijo. M. Samsam
Hortika Keshava Mission
Pattanamattith
9245591965

Signature



WEBINAR- “VAROO NAMUKKORU VANAM SRISHTIKKAM”

On 9th February 2022, Bhoomitra Sena club and Nature club jointly organised a webinar “Varoo Namukkoru Vanam Srishtikkam” (“Come, Lets Create a Forest”) in which Sri Manoj Kumar I.B., an electrical engineer-turned-environmentalist talked about the importance of nature consevation. He shared his experince of turning an acre of land around his house to a jungle, by not tending to brambles and weeds, of doing a lot of things by doing nothing.



ZERO WASTE COMPETITION

On 20th February 2022, “Zero Waste” competition was organised by Bhoomitra Sena Club, wherein the students were encouraged to make useful products from used plastic and e-waste materials. This famialised the students with waste recycle/reuse methods.





WEBINAR-“CARBON NEUTRAL KITCHEN AND TRADITIONAL FOOD”

On 9th March 2022, Bhoomitra Sena Club and Nature club jointly organised a talk on “Carbon-Neutral Kitchen and Traditional Food” wherein the speaker Sri T.R. Premkumar stressed the importance of going back to traditional methods of living and food habits. This was followed by a Food Fest “Neutre-en-Carbone” on 14th March 2022 in the college auditorium during which the volunteers exhibited and distributed carbon-neutral food.



FOOD FEST: “NEUTRE-EN- CARBONE”





AWARENESS CLASS ON SAFE DISPOSAL OF WASTE

On 25th March 2022, NSS Unit in association with District Suchitwa Mission conducted an awareness class wherein the students were familiarised with various waste segregation and safe-waste-disposal methods.





ST. THOMAS COLLEGE, RANNI

Campus Environment CARE Initiative

External & Internal Green Audit



INAUGURAL CEREMONY- CNPI INTERNAL GREEN AUDIT 2021-2022

On 18th January 2022, an Internal Green Audit was initiated in the campus in technical collaboration with Tropical Institute of Ecological Sciences (TIES), Kottayam. As part of this project, waste audit was conducted with the objective of identifying the quality and quantity of various types of solid wastes in the campus, various disposal methods adopted in the campus and to ensure the implementation of safe waste disposal practices. Water audit was conducted with the objective of finding out the pattern of water use and quantity of water wastage in the campus, and to take remedial measures and adopt suitable conservation methods. Biodiversity audit was conducted with the aim of identifying the floral and the faunal diversity of the campus, to impart scientific temper among the students, and to enhance the biodiversity of the campus.

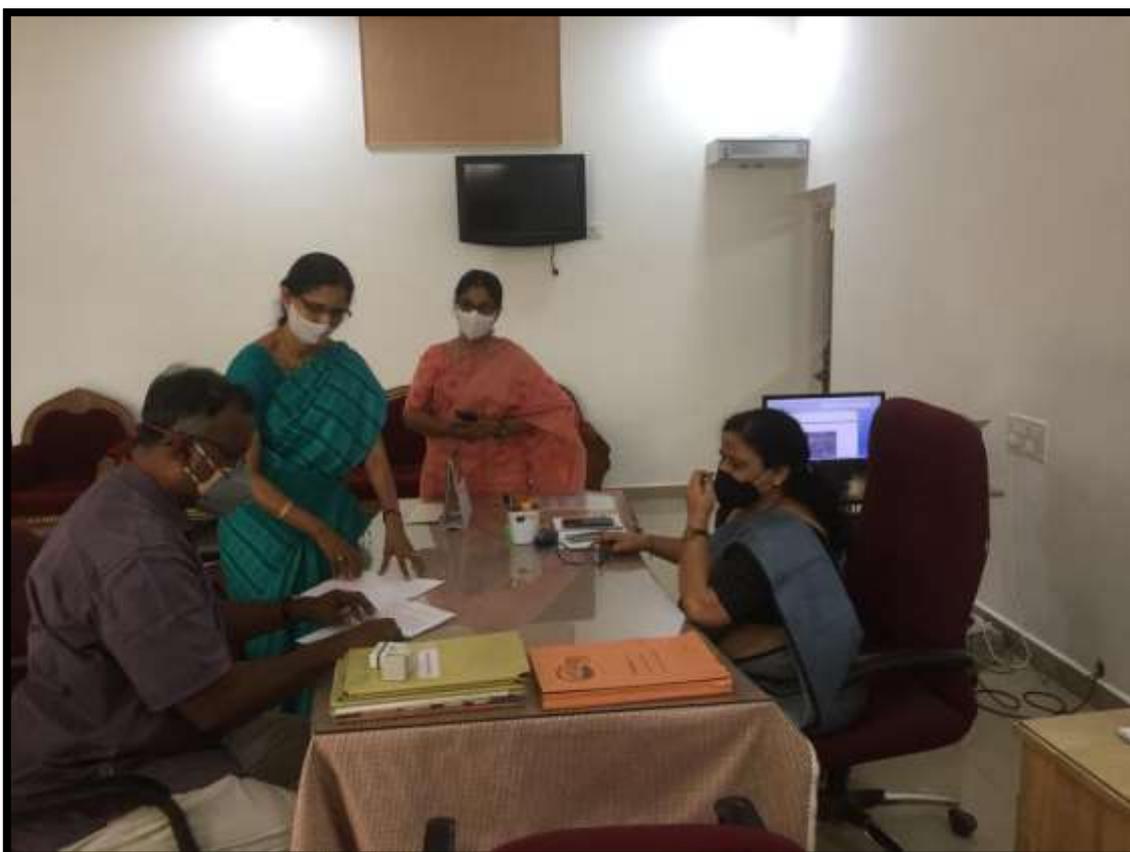




ST. THOMAS COLLEGE, RANNI

CNPI GREEN AUDIT

**SIGNING OF MoU BETWEEN TROPICAL INSTITUTE OF ECOLOGICAL
SCIENCES (TIES) AND ST.THOMAS COLLEGE, RANNI**





MEMORANDUM OF UNDERSTANDING



കേരളം കേരള KERALA

DA 044325

MEMORANDUM OF UNDERSTANDING

BETWEEN

TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES (TIES), KOTTAYAM, KERALA

AND

ST. THOMAS COLLEGE, RANNI

This Memorandum of Understanding (MoU) is entered into between TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES (hereinafter called TIES) with the registered office at Ecological Research Campus, Velloor, Kottayam, Kerala and ST. THOMAS COLLEGE, RANNI for the purpose of expanding and promoting teaching, research, and community extension and development programmes for the benefit of the community, nature, faculty, students and NGO.

I. Tropical Institute of Ecological Sciences (TIES) agrees that:

- A. TIES will provide partner Colleges with experts for projects and programmes under CNPI, and all technical assistance such as research methodologies, survey sheets, trainings etc.
- B. TIES will provide identification keys, field guides, and laboratory and field research protocols to conduct experiments for the projects/programmes under CNPI.

N/14311 Pswal - Principal
12/11/2022

Amitha B...
ST. THOMAS COLLEGE, RANNI



കേരളം കേരल KERALA

DA 044326

- C. TIES will provide expert trainings to conduct various research and community development programmes of the college under CNPI.
- D. TIES will provide project opportunities for individual students/ faculty members recommended by the college for projects in various funded projects as per the rules and regulations of the Universities and Governments.
- E. TIES will submit grades for each student/ faculty participated in CNPI to the college for evaluation purposes.
- F. The CNPI activities will be monitored regularly by TIES team and periodic reports will be communicated to the college.
- G. TIES will assist in preparation of publicity materials, publication of reports, scientific papers and other publications.
- H. TIES will provide its infrastructure facilities of TIES campus for various projects/programmes under CNPI, if needed.
- I. TIES will make the arrangements and provide sufficient help for getting legal permissions and other official permissions required for community linked activities such as sample collection, studies inside the forest areas, visit to government institutions, etc.
- J. TIES will not be responsible for any loss incurred to the participants due to unforeseen reasons beyond our control.

No 14312
13/11/2022
Principal
St. Thomas College

Aminabegum
ST. THOMAS COLLEGE
RANNI
TREASURY
07.11.22



ST. THOMAS COLLEGE, RANNI

K. No financial support will be provided by TIES in conducting CNPI projects and programmes.

L. The services offered by TIES under CNPI are chargeable and the same should be agreed by both parties and given in Annexure I. But the expenses towards laboratory experiments, printing and publication expenses, food expenses (during seminar/ workshop etc.) etc. if any, should be borne by the college.

II. St. Thomas College, Ranni agrees that:

- A. College will be responsible for organising all programmes and projects under CNPI as per pre-agreed time schedule. Timely conduct of programmes and implementation of project is the sole responsibility of the college.
- B. College shall identify and select the faculty members and students to work with CNPI for every academic year. Three to ten teachers and 75 to 150 students should be part of the CNPI. The rest of the students and faculty in the college shall be facultative participants. But all should be the beneficiaries of the CNPI.
- C. College shall provide its laboratory or other infrastructure facilities for the conduct of projects/programmes under CNPI.
- D. College shall make arrangements for regular monitoring and documentation of the programmes/projects under CNPI. This will be used for the final report publication.
- E. The organising expenses of various projects and programmes under CNPI will be borne by the college.
- F. College shall pay the consultation fee for TIES as per the schedule given in Annexure I.

III. Conditions of the Agreement

- A. This agreement will become effective upon signing by the designated representatives from both institutions for a period of one year (Or the period agreed by the parties).
- B. Any alteration of the provisions of this agreement will become effective only upon the mutual written consent of both institutions.
- C. This agreement is valid from the midnight of 17-01-2022 to the midnight of 16-01-2023 Indian Standard Time or it may be terminated upon the request of either parties made at least one month prior to the proposed termination date.



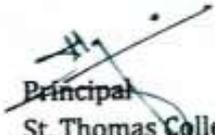


General Terms and conditions

- A. All communications and publicity materials (notices, flyers, banner, boards) should carry the CNPI logo and footer/ header as
Organised by:
St. Thomas College, Ranni
In collaboration with:
TROPICAL INSTITUTE OF ECOLOGICAL SCIENCES, Kottayam
- B. Any Research papers / Publications/ Popular science articles in electronic or print media, which will be produced in association with the programme will mention TIES & IISAC with due credits.
- C. Under no circumstances, the participants may engage in any action which is against various laws of India especially various laws to protect the biodiversity of the country. No specimen collection and transportation / possession allowed without written consent from the statutory authorities. In case of any violation, the individual will be solely responsible for his / her act.
- D. Involvement of any other agencies in CNPI programmes should be done with written consent of both parties only.

IV. Jurisdiction clause

In the event of any dispute arising out of this agreement the jurisdiction of the court of District, Kottayam, shall apply.


Principal
St. Thomas College, Pazhavangadi P.O.
Ranni 689673



Date: 18-01-2022

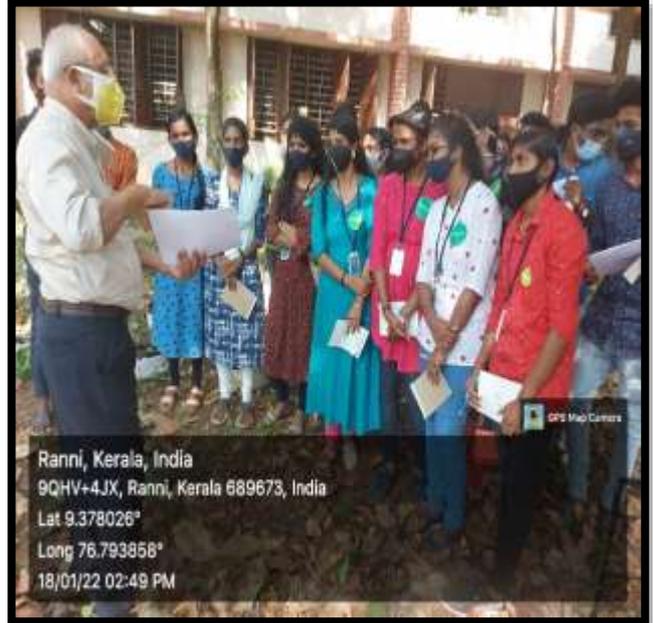

Director
Tropical Institute of Ecological
Sciences
Velloor P.O., Kottayam 686 501





ST. THOMAS COLLEGE, RANNI

TRAINING SESSIONS ON INTERNAL GREEN AUDIT BY TIES





ST. THOMAS COLLEGE, RANNI

Beyond the Campus Environment CARE Initiative

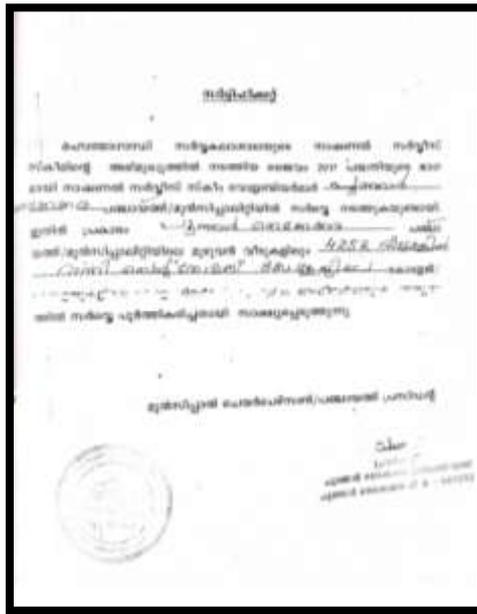
2017-2022



2017-18

PARTICIPATION IN JAIVA SAKSHARATHAYAJNAM 2017

In August 2017, as part of Haritha Keralam project introduced by the Government of Kerala, Mahatma Gandhi University, in collaboration with affiliated colleges introduced “Jaiva Saksharathayajnam 2017” to spread the importance of organic farming. NSS volunteers of the college ensured their participation by successfully undertaking a survey of the prospects of organic farming in Poonjar-Thekkekara Panchayat and uploading the data promptly.



RENOVATION OF ANGANVADY

On 2nd October 2017, NSS volunteers initiated a small scale renovation drive at the Anganvady situated in Mothiravayal, 52 colony. The drive included activities like painting, minor refurbishing and maintenance tasks, cleaning the premises etc:-





CLEANING DRIVE-RANNI THALUK HOSPITAL PREMISES

On 5th October 2017, NSS volunteers organised a cleaning drive at Thaluk Hospital, Ranni in connection with the week-long Gandhi Jayanthi celebration. The drive included initiatives like cleaning hospital premises and the sides of the approach road to the hospital



WATER CONSERVATION INITIATIVE

On 5th November 2017, in order to address the problem of water shortage in Bethany St.Mary’s Higher Secodary School and Bethany Ashram, Ranni-Perunadu, NSS volunteers initiated a water conservation drive by digging ten rain water harvesting pits in the Rubber plantation situated in the premises of the institution.





2018-19

CLEANING FLOOD-AFFECTED HOUSES DURING 2018 KERALA FLOODS

During the 2018 Kerala Floods, Ranni was one of the most flood-affected areas. NSS volunteers actively engaged themselves in providing accommodation and food to the victims and helping them in cleaning their houses after flood. .



**ASSISTANCE IN MEDICAL CAMP AND MEDICINE DISTRIBUTION DURING
2018 KERALA FLOODS**

On 18th August 2018, NSS volunteers assisted the medical team of Thaluk Hospital, Ranni, in conducting the medical camp and distributing medicines to the flood victims at Mandirampadi and Adichippuzha Tribal Colony





**COLLECTING WATER SAMPLES FROM FLOOD-AFFECTED WELLS FOR
BACTERIAL ANALYSIS**

On 6th September 2018, NSS unit in association with Haritha Keralam Mission and Kerala State Pollution Control Board collected water samples from 600 flood-affected wells in Ranni-Angadi Grama Panchayat for bacterial analysis and remedial action



ASSISTANCE IN CONDUCTING SME SURVEY DURING 2018 KERALA FLOODS

From 29th October to 5th November 2018, NSS volunteers assisted the Department of Industries and Commerce, District Industries Centre, Kozhencherry, in conducting post-flood SME Survey to assess the industrial damage of the flood affected enterprises in ward No. 13 of the Pazhavangadi Grama Panchayat and also to upload the damage data using specially designed mobile App.





2019-20

INAUGURATION OF “VEETILORU PACHAKKARITHOTTAM”

On 26th July 2019, Bhoomitra Sena Club initiated a new project titled "Veettiloru Pachakkarithottam" ("Vegetable Garden at Home") with the aim of promoting organic farming and eco-friendly practices among the college community and the public. Faculty coordinators and student volunteers distributed seed packets, grow bags and pipe compost units among select houses in the neighbourhood and also to the students of CMS Community UP School, Ranni.



PLANTING BAMBOO ALONG PAMPA RIVER BANK

On 3rd August 2019, NSS unit in collaboration with Pazhavangadi Grama Panchayat planted bamboo along Pampa riverside to prevent bank erosion in the future.





TRANSPORTING AND HANDING OVER FLOOD-RELIEF MATERIALS

During August 2019 Kerala Floods, staff and students generously contributed to flood-relief fund raising and material collection project initiated by the institution. This was later delivered at the district collection centre at Pathanamthitta.



CLEANING DRIVE AT SABARIMALA

From 7th to 12th December 2019, seven students engaged themselves in a cleaning drive at Sabarimala on deputation by Kerala State Pollution Control Board.





ST. THOMAS COLLEGE, RANNI

PLOGGING DRIVE AT PAZHAVANGADI GRAMA PANCHAYAT

On 24th January 2020 a plogging (picking up litter while jogging) drive was organised in the premises of the main bus station in Ranni town by the volunteers of NSS, NCC and Bhoomitra Sena Club in association with Pazhavangadi Grama Panchayat, Ranni.





2020-21

PLANT A TREE CHALLENGE DURING COVID-19 LOCKDOWN

On 5th June 2020, as part of the observance of World Environment Day, students were encouraged to plant tree saplings in their house premises



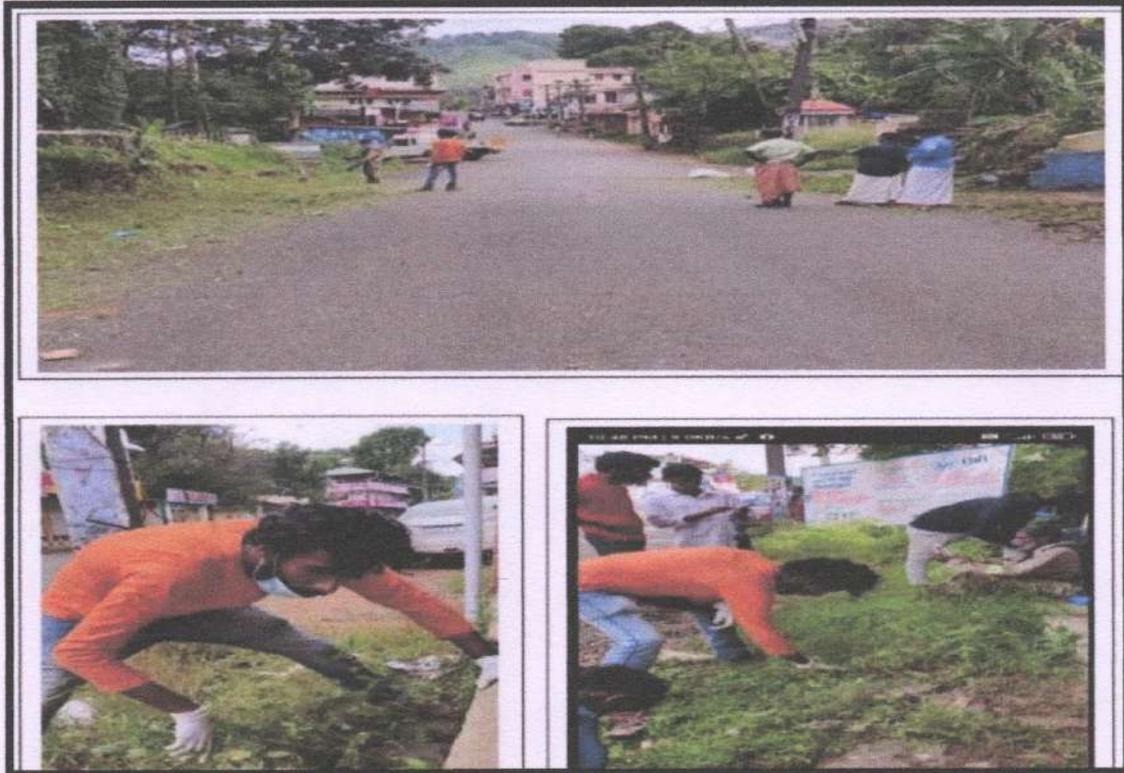


ST. THOMAS COLLEGE, RANNI

2021-22

CLEANING DRIVE AT PERUNTHENARUVI TOURIST CENTRE

Students volunteered to clean the tourist spots under the jurisdiction of Perunthenaruvi tourist Centre in Vechoochira Grama Panchayat during the academic year 2021-22



Principal
St. Thomas College
Pazhavangadi P.O., Ranni