



ST. TERESA'S COLLEGE, ERNAKULAM (AUTONOMOUS)

BHOOMITHRA SENA CLUB

REPORT OF ACTIVITIES: 2016-17

APRIL

Society of Teresians for Environment Protection (STEP) was formed in April 2016 with joint efforts of the department of Economics, Commerce, BhoomitraSena and the Entrepreneurship Development of St. Teresa's College.

JUNE

JUNE 6, 2016:In connection with the World Environment Day celebrations, Shuchithwa Haritha Puraskara Samarpanam was held in the college. The Shuchithwa Haritha competition organized by Rajagiri College of Social Sciences, aimed at encouraging educational institutions to be proactive in environment related activities. The function was presided over by Ms. Soumini Jain, Mayor of Cochin Municipal Corporation and Mr. Hibi Eden MLA. Dr. Vasuki IAS, Executive Director of Shuchithwa mission, highlighted the need to minimize resource consumption and waste generation.

A documentary, prepared by the Communicative English students of the college, on the malice caused by plastic wastes and the role of 'Prakriti bags' in reducing wastes was released during the function by the BhoomitraSena Club of the college.

JUNE 6, 2016: An awareness session and introduction of Bhoomithramsanchi was conducted at the St.Teresa's School by Dr Nirmala Padnambhan (HoD,Dept. of Economics) and Anna Geethu from III DCEconomics.

JUNE 6, 2016: The students of BhoomitraSena club of St.Teresa's College organised an awareness class in St.Joseph Public Senior Secondary School.

JUNE 9, 2016: The documentary prepared by students was screened for II and III year B.Sc. and MScstudents. A flash mob was also presented in college to popularize Bhoomithram Sanchi.

JUNE 10, 2016: Paristhithi Mithra Award-2016. The college received the Paristhithi Mithra Award-2016 for outstanding contribution towards the promotion of environmental education, protection and conservation in the state of Kerala, Instituted by CEERD, St. Stephen's College ,Uzhavoor.This is the first time that an educational institution is receiving the award which for the past few years have been bagged by various social service societies.

DOCUMENTARY SCREENING

13 June 2016: The documentary prepared by students was screened for I year BA, BSc and BCom and a demonstration of Bhoomithram Sanchi was also conducted to motivate them to use the bags in place of plastic carry bags.

SAPLING DISTRIBUTION

JUNE 15, 2016: The Bhoomithra Sena Club of St.Teresa's College distributed free saplings to the studentson June 15, 2016 in the Arts Block premises. The saplings sponsored by the Horticulture Societyof Kerala and the Art of Living group were given to students in order to create awareness onsustainable environment.

JULY

JULY 3, 2016: Prakriti Bags to Legislators

The members of the legislative Assemble of Kerala were given Bhoomithra bags, made out of cloth on International Anti-Plastic Day. The bags were designed by the students of St.Teresa's College under the guidance of Dr.Nirmala Padmanabhan, teacher in charge of the Bhoomithra Sena Club of the College. The bags were stitched by Kudumbashree members.

ANTI-PLASTIC DAY

JULY 3, 2016: The Bhoomithra Sena Club of the college observed Anti-plastic Day. Mr. M.G.Rajamanikyam, the District Collector of Ernakulam was the Chief Guest. A sale and exhibition of the Bhoomithra Sena bags was also organised as a part of the programme.

AUGUST

SALE

AUG 17, 2016:The Bhoomithra Sena club of St. Teresa's College organized a sale of the Bhoomithra Sena 'Prakriti' bags. The sale was held in the Science Block.

TRAINING SESSION

The awareness team had a training session for students on 17 August, 2016, Wednesday to make bags out of old T-shirts.

The members of Bhoomithra Sena Club had an awareness session on the need to reduce plastic waste on August 18, 2016.

GOLDEN HANDS – The Bhoomithra Sena Club of St.Teresa's College organized *Golden Hands*- a competition on making best out of textile waste.

BMC AWARENESS CLASS

The Bhoomithra Sena club of St.Teresa's college organized awareness classes on the ill-effects of plastic and need to reduce the use of plastic bags in six coastal villages of Ernakulam. The audience were also introduced to the 'BhoomithraSena' Prakriti Bags', eco-friendly bags made out of waste clothes. The details of the classes held are as follows:

AUG 18, 2016: Elamkunnapuzha village

Awareness class in Elamkunnapuzha village ElamkunnapuzhaPanchayath Hall. The Class was handled by SreelakshmiAnandP.B and Natasha Dileep.

AUG 19, 2016: Kumbalam village

Awareness class in Kumbalam village at Shri. Ganeshantha auditorium. The Class was handled by ArdraP.N and SreelakshmiAnandP.B.

AUG 20, 2016: Pallipuram

Awareness class in Pallipuram at PallipuramPanchayath Hall. The Class was handled by Tisha Ann Terance and ArunaRenjan.

AUG 20, 2016: Njarakkal

Awareness class in Njarakkal at Njarakkal Panchayat Hall. The class was handled by Mary Laya and Anstle George.

AUG 22, 2016: Nayarambalam

Awareness class at Nayarambalam Panchayat Hall. The class was handled by Jazima CA and Navina Mable Francis.

AUG 25, 2016: Cheranellor

Awareness class in Cheranellor at Cheranellor Panchayat Community Hall. The class was handled by Mrinaline Cecelia and Maria Thomas.

OCTOBER

OCT 29, 2016: TRAINING SESSION FOR MASTER TRAINERS.

The Bhoomithra Sena Club of St. Teresa's college organized a training session to Master Trainers at Govt.PolytechnicCollege, Trivandrum.

SHUCHITHWABODHANAYAJNAM

OCT 27-30, 2016: As a part of the cleanliness campaign organised by Mithradham Renewable EnergyCentre, Aluva, Rajagiri Outreach, Rajagiri College of Social Sciences, Kalamassery andShuchithwa Mission, Ernakulam in connection with the ShuchithwaBodhanaYajnam 2010 – 2025, 9 students of the awareness team of the Bhoomithra Sena Club of our college were given a chance to take part. The campaign was from 27th to 30thof October 2016 and our students took part in the same from 27th to 29thof October. The BMC representatives of the awareness team went to different colleges on different days and briefly took a class on the negative sides of the usage of plastic and how to reduce it. They screened the documentary against plastic made by the students of our college which was thought provoking for many of the audience. They also introduced the Bhoomithram bags, college bags and other products of the Bhoomithra club which was later kept for sale after the official meeting was over.

The name of the students who went to various colleges on various days are as follows:

OCTOBER 27, 2016:

- 1)M.E.S College of Engineering and Technology, Kunnukara.
- 2)K.C.M Private ITI, Koonamavu.
- 3)Sreenarayana Guru Institute of Science and Technology, Mannam.

Attended by: ArunaRenjan(I DC Economics), Meghna S. Manohar (I DC Zoology), Fatima Hisana (I DC Botony).

OCTOBER 28, 2016:

- 1)AdiSankara Institute of Engineering and Technology, Kalady.
- 2)Govt. Polytechnic College, Koovappady.
- 3)Jaibharath Engineering College ,Perumbavoor.

Attended by: Reah Grace Mathew (IDC Economics), Tisha Ann Terrence (I DC Economics), Sudhamani (I DC Economics).

OCTOBER 29, 2016:

- 1)Viswajyothi College of Engineering and Technology. Muvattupuzha.
- 2)Christ Knowledge City, Mannur.
- 3)KMEA Engineering College, Edathala.

Attended by: Kalyani S (I DC Economics), NehaAlosious (I DC Economics), Alisha Mendez (I DC Economics).

NOVEMBER

Training Session

NOV 15, 2016: The Bhoomithra Sena Club of St.Teresa's college in co-operation with Varkala Sai Satya Gram organized a training session on making cloth bags. People from nearly five nearby villages took part in the training session.

PENDRIVE

Pendrive was a joint initiative run by the BhomithraSena Club and Mathematics Department of St.Teresa's College in collaboration with Biennale 2016. Around 5230 used pens were collected and handed over.

TIECON Conference

Around 600 Prakriti bags were given for the TIECON Conference on 18th November 2016.

MATHRUBHUMI MY HOME

A sale and exhibition of Bhoomithra bags were held as apart of Mathrubhumi My Home- an interior exhibition at Jawaharlal Nehru International stadium ground, Kaloor from 18th November 2016 to 21st November 2016.

DECEMBER

CLUB FM- LIFE IS BEAUTIFUL

The members of Bhoomithra Sena and STEP of St. Teresa's College were invited to speak about their initiatives in Club FM 94.3 – Life is Beautiful show on 1st December 2016 . The students namely Devika M., Anagha Pradeep and Devika Kamal spoke about Bhoomithra bags and other initiatives taken up by the club.

ALUMNI CHRISTMAS SALE

As a part of annual Alumni Christmas Sale at St. Teresa's College, there was an exhibition and sale of Bhoomithra bags on 7th December 2016. In an effort to make the campus plastic-free, the participating stalls were all provided paper bags made by the BMC and STEP members of the college.

JANUARY

13 January, 2017: Mr. M.C.Dhattan, Scientific Advisor to Govt. of Kerala was gifted Prakrithi bag and BhoomithramSanchi.

20 January, 2017: A training on paper bag making was given to students of the Department of Botany of St Teresa's College.

Clean Paravoor, Green Paravoor: As part of CleanParavoor GreenParavoorprogramme 300 eco-friendly bags were delivered to ParavoorMunicipality by the STEP members of St. Teresa's College

FEBRUARY

17 February, 2016:Green Protocol

The Green protocol programme of the College was inaugurated by Dr.Swathi Varma, faculty, Economics Department during the farewell function of the Economics department.

22 February, 2016: GREEN EXPO

Dr. Nirmala padmanabhan, teacher-in-charge of STEP and BMC of the College, delivered a talk on using Cloth alternatives at Trivandrum Chithira Thirunal Park. The talk was organized by the Trivandrum corporation as part of Green expo. The kudumbashree members of the corporation who were earlier trained by the STEP members set up a stall of eco-friendly bag at the expo.

Kudumbashree members with Bhoomitra Bags:

The Kudumbashree members of Palakkuzha Gram Panchayath,Ernakulam with Bhoomitra bags stitched by them. They were earlier given training by the STEP members of the College.

MARCH

14 March, 2017: The release of green protocol of St.Teresa's College was done by Dr. Arvind Subramanian, Chief Economic Advisor to the Govt. of India. The cover for the release was made from Recycled textiles and old cushion cover. No new paper was used.



GREEN PROTOCOL ST. TERESA'S COLLEGE (AUTONOMOUS), ERNAKULAM

The implementation of Green Protocol in St. Teresa's College is an initiative to fulfil our institution's mission to promote programmes that foster eco-justice. The following Green Protocol is proposed to be employed in the college.

1. Foster a culture of responsible dining by avoiding food wastage.
2. Encourage the use of stainless steel utensils to carry food.
3. Encourage students to use bags, pencil boxes, purses made of cloth to reduce rexine waste which is generally non-recyclable.
4. Promote recycling/reuse of textile waste.
5. Encourage students to serve as brand ambassadors of eco-friendly alternatives to plastic carry bags provided by the Bhoomithrasena club.
6. Promote the use of ink pens to prevent accumulation of plastic waste.
7. Avoid plastic covering and rexine-binding on project reports and records.
8. Avoid the use of non-biodegradable materials like thermocol.
9. Encourage the use of e-copies of programme notices, invitation letters to be send via e-mails and messages. Avoid or minimize the use of printed material.
10. Print only minimum required copies of the college magazine, instead, promote e-copies of the same.
11. Avoid bouquets draped in plastic covers during functions on campus. Welcome the dignitaries with a single flower, a sapling, book/s or a cloth bag.
12. Use electronic display boards, cloth banners etc. for seminars, workshops and other programmes. Avoid flex.
13. Avoid plastic files and pens for seminars and workshops. Encourage jute, paper files and pencils.
14. Avoid disposable cups and plates in functions. Instead, use utensils that can be washed and reused.
15. Implement green protocol in the annual Christmas Sale of the college by prohibiting the usage of plastic carry bags.
16. Segregate the waste generated on campus into bio degradable, non-bio degradable and hazardous categories.
17. Treat bio-degradable waste at source.
18. Clean, segregate and hand over plastic and paper to scrap dealers. Avoid burning them.
19. Store electrical and electronic waste and hand it over for recycling.
20. Post reminders to students and teachers in every room including bathroom, hallway, and lunchroom, to turn off lights, unplug energy-draining devices when not in use and save water in everyday use.
21. Constitute Green Protocol teams to conduct awareness sessions for class leaders, students and staff.
22. Encourage students to use and promote energy-efficient LED bulbs.
23. Promote recycling of water within the campus.
24. Set up solar panels within the college to meet its energy needs.
25. Promote a social entrepreneurship unit to manufacture and popularise cloth bags.
26. Inspire students to plant and nurture organic vegetables, trees.
27. Organize clean-up and planting days, also observe important environment days.
28. Make nature camps and environment studies a part of the curriculum.
29. Organize awareness programmes for the public on various environmental concerns.
30. Produce documentaries on the hazards of plastic to raise public awareness.
31. Conduct training workshops for various Self Help Groups, Kudumbasree groups in Kerala to stitch trendy cloth alternatives to plastic carry bags.
32. Produce documentaries on the manufacture of cloth bags as self-training tools for the public.
33. Promote the observance of green protocol in local festivals.
34. Support local governments, civic bodies in designing and implementing green initiatives.
35. Support the green initiatives of Government of Kerala as well as Union Government.



LIVE GREEN

SAVE GREEN

This green protocol is prepared by the Bhoomithra Sena Club of St. Teresa's College in association with Suchitwa Mission, Government of Kerala.

APRIL

3 April 2017: JaivaKarshikaMela

200 Kora Sanchis were supplied to support Jaiva Karshikamela

7-11 April 2017: As part of Jaiva Karshika Mela which was held at Rajendra Maidan, Ernakulam, an exhibition and sale of Bhoomitra bags were held.

11 April 2017: As part of JaivaKarshikamela, Kudumbashree members were trained on stitching zero cost bags from old textiles

17 April 2017: Bags to GIFT(Gulati Institute of Finance and Taxation)

The STEP and BMC members of the college were able to deliver 200 conference bags and 50 BhoomitraSanchis for the National Seminar conducted at GIFT (Gulati Institute of Finance and Taxation)

Malayatoor

Green Protocol Inauguration and team formation

To implement green protocol everyday team of 8 members are volunteering in the month of April-May. They help the Suchitwa mission and district collectors team in handing over green stickers to holders of plastic items. Such stickers will ensure that plastic waste is not left behind on the hill.

The students were motivated by Dr. Manoj and Joshi of Suchithwa Mission

Thousand Paper Bags were handed over

Principal DrSajimol, BMC faculty Dr. Nirmala Padmanabhan and Students of BMC, handed over 1000 paper bags to District collector Mohammed SafarullaI.A.S. and ErnakulamSuchitwa

Mission District co-ordinator Siju on April 18. This is yet another contribution of St. Teresa's College to promoting Green Protocol in Malayattoor.

22 April, 2017: Students of Economics and BMC of St Teresa's College participated in Collector's pond cleaning programme at Chottanikara.