

CIRCULAR

FOR IMPLEMENTATION OF GREEN CAMPUS INITIATIVES

As per the policy on 'Green Campus Initiatives' of the college, it is hereby informed that the policy needs to be implemented amongst all students, faculties and supporting staffs in order to maintain the campus green.



N. Sawant
Dr. Nandkumar N. Sawant
Principal

Dated: 30th April 2016

7.1.5. – GREEN PRACTISES

i. Students, Staff using Bicycles



Student parking his Bicycles in the college parking lot



Student on his Bicycles in the college parking lot



Staff cycling out of the college parking lot



Staff on his Bicycles in the college parking lot




Bicycles parked in the college parking lot


ii. Plastic Free Surrounding

Date	Activity	Department / unit	Details
12.9.2014	Shramdhan	NSS	A campus cleaning activity wherein 150 volunteers took part in this activity.
2.10.2014	Campus cleaning	NSS	51 volunteers took part in this event as a part of Swacch Bharat Abhiyan
15.08.2014	Distribution of garbage bins	NSS	38 Volunteers distributed garbage bins in about 800 households in Margao and Fatorda area provided by Margao Municipal Council. Volunteers were awarded certificates by Margao Municipal Council.
8.10.2014	'Environmental Project'	NSS	30 NSS Volunteers prepared 60 paper bags and distributed them in their nearby markets to create awareness about use of eco friendly paper bags.
25.11.2014 - 01.12.2014	"Swachh Bharat Abhiyan – Nital Goem"	NSS	PET bottles collection competition for the Colleges in Goa organized by Bisleri wherein nine bags of PET bottles were collected in the College Campus. Ms. Kimberly Antao and Mr. Ujwal Sheth were the Campus Coordinators for the Project. A Certificate of Appreciation was presented to the College by Bisleri International Pvt. Ltd. (attach)
29.08.2015	Interdisciplinary Seminar on "Agriculture"	Dean, Faculty of Social Sciences	Organized for: the Undergraduate & Postgraduate students of Social Sciences.
03.09.2015	Workshop on 'Cloth bag making'	NSS in association with BMT, Margao	Resource person : Mrs. S. G. Desai
01.10.2015	Environmental Project: Making of cloth bags	NSS	NSS volunteers prepared 10 cloth bags under this project.




27.11.2015	One Day State Level Seminar on 'Plants to preserve life and man to preserve plants'	NSS	Four NSS volunteers participated in the seminar an organized by Goa State Biodiversity Board in collaboration with NSS unit of Goa College of Home Science, Panaji-Goa.
14.12.2015	'Bleach Cleaning of Miramar beach'	NSS	27 NSS volunteers took part in beach cleaning drive organized by Goa Science Centre, Miramar-Goa.
16 th and 20 th January 2016	Shramdhan	NSS	Campus cleaning drives wherein cleaning of College parking lot was undertaken.
28.03.2016	environmental project 'Collection of Milk packets'	NSS	NSS Volunteers collected 100 empty milk packets.
02.09.2016	Tree Plantation	NSS	15 saplings were planted in this activity.
22.09.2016, 01.10.2016, 03.10.2016, 05.10.2016, 10.11.2016, 11.11.2016, 12.11.2016, 15.11.2016, 16.11.2016, 17.11.2016, 18.11.2016, 19.11.2016, 23.11.2016, 24.11.2016, 25.11.2016, 26.11.2016, 20.01.2017, 09.02.2017, 05.03.2017	Shramdhan	NSS	Campus Beautification activity
01.10.2016	Swachh Bharat Abhiyan	NSS, NCC, Sports	organized by MHRD, Government of India volunteers took part in campus beautification



	Pakhwada		
01.10.2016	Workshop cum interactive session on “Hygiene and Cleanliness Strategies”	College	Organized for: saffai karmacharis initiated through Swacch Bharat Pakhwada. Link to the report: Report on Swacch Bharat Pakhawada
02.10.2016	Gandhi Jayanthi Celebration – cleanliness drive in campus	All departments	Campus Cleanliness and Beautification activity
05.10.2016	Environmental Project: Making of cloth bags	NSS	Volunteers prepared 10 cloth bags each by using the bags themselves and encouraging other people to use these bags too.
25.03.2016	Collection of Milk packets	NSS	Volunteers collected 150 empty milk packets each
	Cleanliness Drives And Awareness Programes	NCC	Our College has adopted the Pandit Jawarharlal Neharu Park at Gogol. The selected NCC cadets conducted
05.09.2017	National Level Essay Competition on ‘Swacch Bharat Abhiyan’	NSS	Title of essay was ‘What will I do for Cleanliness?’ The. Mast. Crandal D’Souza won the First Place.
29.09.2017	Swacchta Pledge Film	NSS	Volunteers took part in Swacchta Pledge Film, an initiative of Chowgules group
29.09.2017	Butterfly Garden	Zoology	Volunteers took part in setting up of butterfly garden in College
11.11.2017-19.11.2017	NSS Special Rural Camp	NCC	The N.S.S. volunteers cleaned the College Campus and College playground. Cultural activities competitions were organized.
13.02.2018	Installation of bird houses in campus	Birders Club	The student members, as a part of ‘Green Initiative’, installed 15 bird houses at various locations on the College campus, to provide shelter for small birds and encourage them to inhabit the campus niches.
14.03.2018	Shramdhan	NSS	Campus beautification programmes
2018-19	Waste	Zoology	To create awareness on waste management,




	Segregation And Collection		segregation, recycling and composting. A total of 50 houses in Margao, Raia, Assolna, Cortalim and Vasco benefitted from this programme.
2018-19	Beach Cleanup	Zoology	Colva, Benaulim and Hollant beach cleanup was done to create awareness among the locals to keep the beaches clean and preserve the natural treasures and animal habitats.
24.09.2018	Shramadan	NSS	Cleaning and repairing the play ground at adopted village panchayat, Rumdamol-Davorlim was carried out by 55 NSS volunteers
02.10.2018	Shramdaan to commemorate Gandhi Jayanti on	NSS	NSS volunteers were actively engaged in the cleaning process and cleaned many areas in the college campus including two-wheeler parking area, college statues, butterfly garden, coop, and washed and cleaned balcao of the college. The plastic waste was segregated from the organic waste and was dumped in the respective bins. 
02.10.2018	“Prabhaat Feri”	NSS	The rally aimed to spread the message of cleanliness to the society which all the NSS students tried to spread to their best through various posters and slogans. These posters which were based on cleanliness were held by the students throughout the rally along with raising different slogans such as “Clean India Green India”, “Swaccha Bharat Nital Goem”, “Swaccha Bharat Sundar Bharat”, “Nital Bharat Sundar Bharat”, etc. All the students actively and enthusiastically tried to create the awareness among the local people through these slogans. Many people from their houses as well as present on the road witnessed the appreciable work of awareness programme on cleanliness.



			
14.12. 2018	Green Bazaar- Agri Expo	Botany <u>in</u> <u>collaboration</u> with the Forest Department, Sub- Divisional Office, Aquem under DBT Star College Scheme	One day exhibition cum sale of agro-based products i.e “Medicinal Plant”. Exhibition was to create awareness about the medicinal plants and its uses. The students of Botany explained the importance of 35 medicinal plants to the visitors. The free distribution of the medicinal plant was done to promote a-forestation and to also conserve the environment.
28.01.2019	‘Medicinal Plants Exhibition cum Lecture series’	Botany <u>in</u> <u>collaboration</u> with Goa State Medicinal by Dr. Pradip Sarmokadam, Member Secretary, Goa State Biodiversity Board, Saligao- Goa Plants Board, Goa Forest Department, Forest Complex, Aquem, Margao- Goa	Organized for: various schools in and around Margao
31/01/2019 to 09/02/2019	Celebration of Swacchata Pakhwada	NSS	25 NSS volunteers submitted cloth bags

	Plastic free campaign: Cloth bags		
02.02. 2019	National Conference on 'Wetland Conservation: Approaches And Threats'	'Department of Zoology' in <u>association</u> with 'Mangrove Society of India, Goa Branch' and 'Goa State Wetland Authority'	Attended by 112 delegates and gave opportunity to 22 researchers
28.05.2019	'Special Beach Clean Drive' Colva	college <u>in association</u> with an NGO led by Adv. Afroz Shah	
	Creating Paper Bags to reduce Plastic	Sociology-Club Human	Participated by 35 students along with one teacher.
	Workshop on Kitchen Gardening	Botany	Attended by 78 students and coordinated by 4 teachers
	Medicinal Plants Exhibition cum guest lecture	Botany/ /Medicinal plants from-Goa State Medicinal Plants Board, Goa Forest Department	Attended by 68 students and coordinated by 2 teachers.
	Workshop on Herbal cosmetology	Botany	Attended by 58 students and coordinated by 5 teachers.
	Lecture series on Plant Animal interaction	Botany	Attended by 48 students and coordinated by 4 teachers.
	Van Mahotsav	Biotechnology, Chowgule College and Forest	Attended by 60 students and coordinated by 2 teachers.

		Department, Quepem	
	Campaign Against Single Use Plastic	Zoology	<p>The 5 students (Neeha Borkar, Anchal Naik, Shreya Naik, Shreya Pai, Shivani Behki) designed pamphlets to create awareness regarding the ill effects of single use plastic on the environment and encouraged carrying own cutlery. They also carried out a survey to know about the waste management, segregation and disposal at households in Gogol area. The students collected waste cloth materials and gave it to ‘Mudra Prathistan’ who designed cloth bags. These were further distributed to the local people.</p> 
	Beach cleaning and awareness on importance of marine life	Zoology	<p>The community outreach programme was carried out at Varca Beach, Majorda Beach and Utorda Beach by students of TYBSc under the guidance of Mr. Stephen Dias, assistant professor, Department of Zoology. It involved interaction with the local community of these coastal areas, tourists and shack owners. A questionnaire was administered to know their level of awareness of beach pollution and its consequences. About 50 people answered the questionnaire survey, giving out their opinions and suggestions on maintaining the cleanliness of the sea shore. The students also carried out beach cleaning activities. The main aim of this was to highlight the importance of cleanliness of the beaches and the need to maintain it.</p>  

<p>11th -12th September 2019</p>	<p>Methods Of Waste Treatment And Importance Of Practicing Waste Segregation And Management</p>	<p>Zoology</p>	<p>The students created awareness among the college students regarding the different methods of waste treatment, the 3Rs and the importance of practicing waste segregation and waste management using posters. The students prepared a feedback form to know if the explanation with the enriched their knowledge regarding the waste management techniques. They also stuck labels on energy and water conservation on campus.</p> 
<p>27th September 2019</p>	<p>Awareness On Importance Of Vermicomposting</p>	<p>Zoology Department</p>	<p>The students used posters to explain the importance of vermicomposting. The aim was to educate students on the process and techniques of vermicomposting. They encouraged other students to practice it, as vermicomposting not only helps in eliminating waste but also produces compost that can be used as an organic fertilizer.</p> 
<p>05th October 2019</p>	<p>Awareness On Sanitation – College Campus</p>	<p>Zoology</p>	<p>This awareness activity mainly focused on cleanliness in the girl's washroom sanitation, aiming to initiate more responsibility from the students by interacting with them. The students (Rizell Barretto, Dipti Singh, Anouska Mascarenhas, Natasha I Fernandes, Aaralyne Ozorio) stuck posters around the campus, including canteen, the café coffee day and girls washroom.</p>

12th October 2019	4rs And Techniques Of Waste Disposal	Zoology	<p>The community outreach activity was carried out in order to create awareness on Waste Management techniques and to provide ways of reducing waste. The students (Heera Kossambe, Melvita Alvares, Kendrick Fernandes, Ashish Kumar Yadav, Quelifa Gomes) visited various hotels in Arlem and explained about the different methods of waste disposal.</p>	
17th and 18th December 2019	Awareness on the plastic pollution	Zoology	<p>An awareness drive carried out in Gogol by Zoology students of TYBSc. The main aim of this activity was to create awareness regarding the plastic pollution and its effects on the environment. A short questionnaire was prepared to understand the public opinion on plastic pollution. The students surveyed a total of 50 houses, hotels, cafes, cake shops, and liquor shop. The students explained the harmful effects of plastic to the animals and environment. They also suggested alternatives of saying no to plastic straw and using environment friendly material instead of plastic.</p>	
18 th October 2019	Awareness On Reducing The Use Of Plastic And III Effects Of Garbage Dumping	Zoology Department	<p>Students created awareness among the local villagers of Fatrade, Varca about the different waste management techniques and how to prevent</p>	

			<p>it. The main aim was to make people aware about the waste they are contributing unknowingly by extensive use of plastic and dumping waste. Students also introduced them to the technique of composting which they can use in their backyard.</p>
18th October 2019	Labelling Waste-Bins for enable Segregation of Waste	Zoology	<p>All student of the SEC course labelled the waste-bins on the campus. The bins were labelled to enable waste segregation on the campus. The bins were labelled for segregation of food waste, plastic, tetra packs, paper, leaf litter and metal.</p> 
19th October 2019	Awareness On Waste Management In Local Communities	Zoology	<p>The student approached the local people of Ponda and personally discussed all their queries regarding the waste management issues that they face on daily basis. She also emphasized on the segregation of not only the biodegradable and non-biodegradable waste but also the segregation of re-useable and recycle-able waste among the non-biodegradable components .The main objective was to reignite the awareness amongst the locals regarding the ill aspects of improper waste management.</p> 
23rd January, 2020	National Seminar on 'Landscapes Evolution and Transformation'	Geography	<p>Organized for the students. Key note addressed by Dr. Beatrice Moppert, Faculty, Department of Geography, University of Reunion Island.</p>

List of Trees available on the College Campus

Sr.no.	Name	Common name	Number of trees
1.	<i>Terminalia catappa</i> Family: Combretaceae	Badam	36
2.	<i>Casuarina equisetifolia</i> Family: Casuarinaceae	Australian pine tree/she -oak	4
3.	<i>Delonix regia</i> Family: Caesalpinaceae	Flame tree, Gulmohar	8
4.	<i>Anacardium occidentale</i> Family: Anacardiaceae	Cashew tree	2
5.	<i>Mangifera indica</i> Family: Anacardiaceae	Mango tree	11
6.	<i>Triadica sebifera</i>	Chinese tallow tree	11
7.	<i>Juglans regia</i>	Persian walnut	6
8.	<i>Psidium guajava</i> Family: Myrtaceae	Guava	2
9.	<i>Cassia fistula</i> Family: Fabaceae	Indian laburnum, Golden shower cassia.	3
10.	<i>Murraya koenigii</i> Family: Rutaceae	Curry tree	1
11.	<i>Cinnamomum macrocarpum</i> Family: Lauraceae	Cinnamon / Tejpatta	2
12.	<i>Garcinia indica</i> Family: Clusiaceae	Kokum	2
13.	<i>Samanea saman</i> Family: Mimosaceae	Rain tree	14
14.	<i>Tectona grandis</i> Family: Lamiaceae	Teak	1
15.	<i>Musa sp.</i> Family: Musaceae	Banana	7
16.	<i>Leucaena leucocephala</i> Family: Fabaceae	Leucaena	2
17.	<i>Cocus nucifera</i> Family: Arecaceae	Coconut	9
18.	<i>Couropita guianensis</i> Family: Lecythidaceae	Cannon ball tree	2
19.	<i>Plumeria alba</i> Family: Apocynaceae	Caterpillar tree/pagoda tree	6
20.	<i>Michelia champaca</i> Family: Magnoliaceae	Joy perfume tree/ shenbagam/ champakam	3
21.	<i>Polyalthia longifolia</i> Family: Annonaceae	False Asoka	13
22.	<i>Saraca asoca</i> Family: Fabaceae	Ashoka tree/ sorrow-less/ sita-ashoka	3

23.	<i>Ravenala madagascariensis</i> Family: Strelitziaceae	Travellers palm	2
24.	<i>Artocarpous heterophyllus</i> Family: Moraceae	Jackfruit	8
25.	<i>Peltophorum pterocarpum</i> Family: Fabaceae	Copperwood/ yellow flamboyant/ yellow flame	3
26.	<i>Bauhinia variegata</i> Family: Caesalpinaceae	Purple orchid tree	4
27.	<i>Eucalyptus sp.</i> Family: Myrtaceae	Blue gum eucalyptus	2
28.	<i>Gliricidia sepium</i> Family: Fabaceae	Quickstick	2

Other plant species on the campus: There are trees, shrubs, herbs and ornamental plants on the campus. The flora found on the campus has great importance in landscaping, beautification, etc.

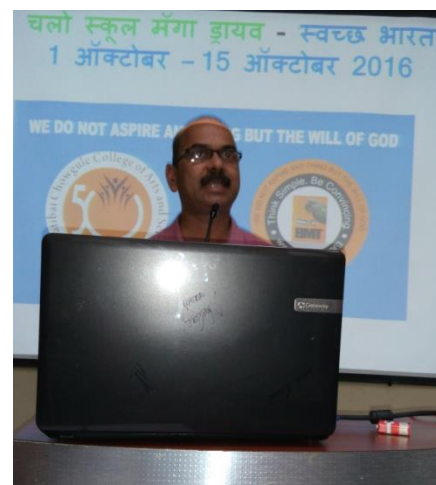
Sr. No.	Name of the plant	Common name
1.	<i>Duranta erecta</i>	
2.	<i>Tradescantia spathacea.</i>	Moses in the cradle
3.	<i>Hamelia patens</i>	
4.	<i>Agave sp.</i>	
5.	<i>Tridax procumbens</i>	
6.	<i>Hibiscus rosa sinensis</i>	
7.	<i>Sansevieria sp.</i>	Snake plant
8.	<i>Ocimum tenuiflorum</i>	Tulsi
9.	<i>Ervetemia coronaria</i>	
10.	<i>Clitoria ternatea</i>	
11.	<i>Nerium oleander</i>	
12.	<i>Anthurium andraeanum</i>	Flamingo flower
13.	<i>Caladium bicolor</i>	Fancy leaf caladium
14.	<i>Aloe vera</i>	Aloe, katkur
15.	<i>Hippeastrum puniceum</i>	Barbados lily
16.	<i>Heliconia psittacorum x spathocircinata</i>	Heliconia Golden Torch
17.	<i>Mimosa pudica</i>	Touch me not plant
18.	<i>Caesalpinia pulcherrima</i>	Peacock flower
19.	<i>Delonix regia</i>	Flame tree
20.	<i>Rosa</i>	Rose, Gulab
21.	<i>Acalypha hispida</i>	Cats tail
22.	<i>Cycas sp.</i>	
23.	<i>Hibiscus schizopetalus</i>	Japanese hibiscus
24.	<i>Bougainvillea glabra</i>	Bougainvillea
25.	<i>Opuntia sp.</i>	

26.	<i>Impatiens balsamina</i>	Garden Balsam
27.	<i>Ixora coccinea</i>	Ixora
28.	<i>Catharanthus roseus</i>	Periwinkle
29.	<i>Crossandra infundibuliformis</i>	Aboli
30.	<i>Lantana camara var. aculeata</i>	Lantana
31.	<i>Cosmos sulphureus</i>	Cosmos
32.	<i>Cynodon dactylon</i>	Hariyali
33.	<i>Syzigium cumini</i>	Jamun
34.	<i>Capsicum frutescens</i> <i>Capsicum annum</i>	Chilli
35.	<i>Cleome viscosa</i>	
36.	<i>Cassia tora</i>	
37.	<i>Boeharvia diffusa</i>	
38.	<i>Musa paradisiaca</i>	Banana

LAUNCHING OF SWACCH BHARAT PAKHWADA

The launching of Swacch Bharat Pakhwada was conducted on 01st October 2016 at 10.30 a.m. in the Upper Auditorium by Dr. Gunaji S. Desai. This programme was attended by 67 college students, 10 staff members and 19 saffai Karmacharis.

Dr. Gunaji Desai highlighted the importance of maintaining cleanliness in our society by a power point presentation informing the good deeds that has already been started since 2012-13 by our college with various activities being conducted in enlightening students, faculties and people by educating them on various issues that are existing and how one has to overcome them. The programme came to an end at 11.30 a.m.



Launching of Swacch Bharat Pakhwada

WORKSHOP CUM INTERACTIVE SESSION ON “HYGIENE AND CLEANLINESS STRATEGIES” FOR SAFFAI KARMACHARIS

A workshop cum interactive session on “Hygiene and Cleanliness Strategies” was informed to the saffai karmacharis by Dr. Gunaji S. Desai after the launching programme of swacch bharat pakhwada at 11.30 a.m. in



Workshop cum interactive session on “Hygiene and Cleanliness Strategies” for saffai karmacharis

upper auditorium. Total 19 saffai karmacharis attended.

They were informed on the following:

- i. Smart strategy to segregate waste item or garbage i.e. separate plastic / bottles, papers, glass items and food items.
- ii. Maintain all safety measures while working.
- iii. Maintain self cleanliness and health tips.

Some karmacharis gave their feedback of having conducted this workshop cum interactive session.

The programme got over at 01.00 p.m.

Report Green Audit 10th November 2018

Parvatibai Chowgule College started its Green Audit on 10th November 2018. Apoorva from Shubhankar Environmental Services.

The session started by Vasant Hede, Marketing Officer welcoming Apoorva to Chowgule Campus, the coordinators and students from the four departments viz Geography, Physics, Botany and Zoology. There were 31 participants (20 students and 17 coordinators) present for the interactive session.

Apoorva started the session inviting all for a brief introduction and how each one of us has contributed positively to environment. Activities like studies of human activities on river Sal in Goa, planting trees, waste segregation at home, use of cloth bags, beatification of campus, NSS camps and cultivating horticultural crops were some of the responses from the participants.

After this, the students were put into three groups which are; Biodiversity,



Waste Management and Energy. A fun activity was played where the students had to guess a word, which one of the student was acting it out without uttering the word.

Apoorva then got all the students and coordinators and had individual detail meeting with each of the three groups and gave them the data collection formats and helped them plan the activities for the green audit. The Green audit will take place between 10th to 19th of November. Each student will put in minimum 40 hours of work over the period of 8 days (5 hours per day).



Report on Green Audit Extension Activity – Awareness Programme **- Community Outreach**

Parvatibai Chowgule College completed the Green Audit Activity on 19th November 2018. 21 students were part of the Green Audit. The College recognised the importance of these young students being the ambassadors to create awareness in the community on the importance of waste management, energy conservation and protecting biodiversity. Hence the college took initiative in reaching to 2 neighbouring schools; Multipurpose High School Borda and St. Joseph High School Vidyanagar to have the awareness program on the above mentioned points as an outreach program.



Figure 1 Chowgule Students with St. Joseph High School Staff

There were five students who volunteered to design and plan the awareness program. Vasant Hede, internships and placement in charge was the main coordinator from college for the activity.

There were 350 students in total reached through this activity. 150 at Multipurpose High School and 200 students at St. Joseph High School as participants for the Awareness Program.



Figure 2 Chowgule Students with Teachers at Multipurpose High School

The Awareness Program was in the form of a presentation which had the following main components. The students made use of the audio visual facility in

both the schools and got the students engaged during the 45 minutes of presentation.

1. Facts about waste generated in Goa and its disposal, number of species of plants, birds and animals. Energy consumption
2. Video that would emphasize on the human activity that is depleting all the resources and being insensitive to the planet and the results of the same.
3. Quiz about general awareness about the topic
4. Activity 'Whom to Blame' that would enable one to introspect and be accountable for our own actions
5. Summary and Conclusion about what are the things one can do to reduce energy consumption, recycle, manage solid and wet waste, preserving biodiversity



Figure 3 Student Mueen in action during the Activity 'Whom to Blame'

The Principals of both the schools has requested Chowgule College for the following:

1. Field visit to see the campus and its facilities
2. Selected students to visit Chowgule College to learn basic composting

7.1.5 Additional Information on Green Practises

Duration	The College hired following:	To maintain:
Upto September 2019	Clean Kraft Agency	The cleanliness of the college. Basically they clean the garden, sweep and mop the floors, buildings and windows.
October 2019 onwards	Housekeeping Services	To sweep and mop the floors, buildings and windows.
	Individuals	To clean the garden.

Date	Title of the event / activities / topics	Remarks
24th November, 2015	Workshop on “Goa State Water Policy with Special Reference to Climate Change”	Attended by: E. M. Travassos Organized jointly by: Institute for Resource Management and Economic Development, Delhi and Goa Government Location: Seminar Hall, Secretariat, Porvorim, Bardez-Goa.
27th November, 2015	Seminar on “Plants to preserve life and man to preserve plants”	Attended by: Sangeeta Sankhalkar along with some Botany students Location: Home Science College Campal Goa
18 th March 2016	Workshop on ‘Global Hydrocarbon Scenario’	Attended by: Malcom Afonso and Magnolia Miranda Organized by: Department of Earth Science, Goa University.
7 th & 8 th October 2016	National Conference on “Soil Management and Sustainable Agricultural Development”	Attended by: Nandkumar N. Sawant Organized by: Department of Geography, Hon. Shri. Annasaheb Dange Arts, Commerce and Science College, Hatkanangale, Kolhapur.
20 th November, 2016	Workshop cum interactive session on ‘Biodiversity	Attended by: Nandini V. F. and Balekai M., Prabhu V., Chawla M., Naik V., Ayaswamy K.

	of Butterflies and their Ecological Significance' by Dr. Vilas Bardekar	(2016) Organised by: Goa State Diversity Board.
17th September 2016	Talk on "Training on Problem solving approaches in green synthesis"	Attended by: Kunkalekar R. K. Organized by: Vergo pharma, Verna, Goa.
2016	Cleanliness – Change in Mindset	Invited as Resource Person: Gunaji Desai, Department of Konkani Organized by Directorate of Industries, Trade and commerce, Govt. of Goa at Vidhyut Bhavan, Panaji Organized for: the staff members of Trade and commerce, Govt. of Goa as Swachh Bharat Abhiyan
29 th September 2017	Swacchta Pledge Film	Attended by NSS Volunteers
23 rd to 25 th November, 2018	'Nature Camp'	Attended by: Gautami Manakikar Organized by: Aranya Environment research organization. Location: Bondla Wildlife Sanctuary
7 th December, 2018	Talk on 'Forest Management and Wildlife Conservation'	Attended by: Gautami Manakikar attended a Organized by: Forest Department of Goa and WWF-India Location: Goa Science Centre, Panjim.
02 nd February 2019	National Conference on 'Wetland Conservation: Approaches And Threats'	Attended by: Madhu Balekai and Prasanna Naik Gaonkar Organized by: 'Department of Zoology' <u>in association</u> with 'Mangrove Society of India, Goa Branch' and 'Goa State Wetland Authority'
27 th September 2019	National symposium on "Green Chemistry for better Sustainability	Attended by: Roopa S. Belurkar, Padmini C. Raiker Organized by: Department of Chemistry of

	(Creating Environmental Awareness)”	Dnyanprasarak Mandal College and Research Center Assagao - Bardez ,Goa in association with Syngenta Biosciences Private Limited Corlim, Goa
27 - 29 December 2019	National 45th All India Sociological Conference on ‘Environment, Culture and Development: Discourses’	Attended by: Sayali Goankar Organized by: University of Kerala, Thiruvananthapuram
23rd January 2020	National Seminar on Landscapes Evolution and Transformation	Attended by: Swati Ghadi Organised by Department of Geography and Research Centre, Parvatibai Chowgule College (autonomous), Margao.
2nd and 3rd February 2020	National conference on “Wetland Ecosystem, Biodiversity Conservation and Management”	Attended by: Nandini Vaz Fernandes, Balekai Madhu and Gaonkar Prasanna Organized at NVV Arts, Commerce and Science College, Lanza, Maharashtra.
29 th & 30 th August, 2019	State Level Workshop on ‘Green Audit of College Campuses’	Attended by: R. Kanchana Organised by: Dayanprassarak Mandal’s College and Research Center, Assagao, Bardez, in association with Directorate of Higher Education, Government of Goa.
30th September, 2019	‘Eco Training Workshop’ under the aegis of ‘National Green Corps	Attended by: Nandini Vaz Fernandes, Madhu Balekai, Amisha Pednekar and Divyarani Rivonkar Held at Ravindra Bhavan, Margao Goa. Tteachers designated as ‘Green Teachers’ Grant by: DHE.