

DNYAN PRABHODINI MANDAL'S

SHREE MALLIKARJUN & Shri Chetan Manju Desai College

Delem, Canacona, Goa







GREEN AUDIT

Green audit was initiated with the beginning of 1970s with the motive of inspecting the work conducted within the organizations whose exercises can cause risk to the health of inhabitants and the environment. It exposes the authenticity of the proclamations made by multinational companies, armies and national governments with the concern of health issues as the consequences of environmental pollution. It is the duty of organizations to carry out the Green Audits of their ongoing processes for various reasons such as; to make sure whether they are performing in accordance with relevant rules and regulations, to improve the procedures and ability of materials, to analyze the potential duties and to determine a way which can lower the cost and add to the revenue. Through Green Audit, one gets a direction as how to improve the condition of environment and there are various factors that have determined the growth of carrying out Green Audit. Some of the incidents like Bhopal Gas Tragedy (Bhopal; 1984), Chernobyl Catastrophe (Ukraine; 1986) and Exxon Valdez Oil Spill (Alaska; 1989) have cautioned the industries that setting corporate strategies for environmental security elements have no meaning until they are implemented.

The intention of organizing Green Audit is to upgrade the environment condition in and around the institutes, colleges, companies and other organizations. It is carried out with the aid of performing tasks like waste management, energy saving and others to turn into a better environmental friendly institute.

Goals of Green Audit

- 1. The objective of carrying out Green Audit is securing the environment and cut down the threats posed to human health.
- 2. To make sure that rules and regulations are taken care of
- 3. To avoid the interruptions in environment that are more difficult to handle and their correction requires high cost.
- 4. To suggest the best protocols for adding to sustainable development

Benefits of Green Audit

- 1. It would help to prepare plan to protect the environment.
- 2. Recognize the cost saving methods through waste minimization and management.
- 3. Point out the prevailing and forthcoming impacts on environment.
- 4. Ensures conformity with the applicable laws.
- 5. Empower the organizations to frame a better environmental performance.
- 6. It portrays a good image of an institute which helps building better relationships with the group of interested parties.
- 7. Promotes the alertness for environmental guidelines and duties.



STATEMENT OF ASSURANCE

(2020-21)

This audit is been conducted by the internal Green Audit Committee assigned by the college. The audit procedure tried to meet the terms of International Standards of Internal Auditing. In our decision, sufficient and appropriate audit procedures were completed and evidence gathered to support the precision of the conclusions reached and contained in this report. The conclusions are based on a comparison of the situations as they existed at the time of the audit.

Sr. No.	Name & Designation of Committee Member	Signature
1.	Prof. Dr. Manoj S. Kamat Principal & Chairman	Manj
2.	Mr. Dipak Bowalkar (Dept. of Zoology) Convener	Diave.
3.	Ms. Divya Sawant (Dept. of Chemistry) Co-convener	Drugat.
4.	Ms. Diksha Naik (Dept. of Botany) Member	Distripes
5.	Mr. Anand Velip (Dept. of Geography) NSS Co-ordinator	Dip
6.	Ms. Karishma Parsekar (Dept. of Commerce) NCC Army Co-ordinator	P
7.	Ms. Anisha Sawant Desai (Dept. of Commerce) NCC Navy Co-ordinator	Spistal



E-mail ID: shreemallikarjuncollege@gmail.com

जान प्रबोधिनी मंडळ

Dnyan Prabodhini Mandal's

SHREE MALLIKARJUN COLLEGE OF ARTS & COMMERCE DELEM-CANACONA, GOA 403702



www.shreemallikarjuncollege.ac.in

Date: 21/10/20219

OFFICE ORDER

Committee for Green and Sustainability Practices

The Principal is pleased to constitute the Comittee titled as above from the date mentioned herein for the period of 3 years with the following agenda:

- A. Develop policy framework for sustainability.
- B. Develop sustainability initiatives related to Environment Preservation, Energy Conservation, Water Sanitization and Women Hygeine and Health.
- C. Organizing events for sustainable Garbage collection, Tree Plantation and Orientation towards Flora and Fauna.
- D. Student sensitization through of Guest Lecture and awareness on the theme of Sustainability.
- E. Extension and community engagement and of up keep regular maintenance of garbage, sanitory pads incination, sanitary pads dispenser, solid waste management, herbal garden and vermicompost plant.
- F. Facilitate reporting and internal auditing of energy/water /green audit

1. Mr. Dipak Bowalkar - Convenor

Ms. Divya Sawant - Co-convenor

3. Ms. Diksha Naik - Member

4. Mr. Anand Velip - Member

5. NSS Incharge - Member

6. NCC Incharge - Member

7. Mr. Pradhyumn Bhaireli- Member

8. Ms. Saniha Desai - Member

9. College Gardeners - Member

Kindly note and comply



Dr. Manoj S. Kamat 21/10/19
Principal

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GREEN AUDIT EXECUTIVE SUMMERY REPORT

I) BRIEF ABOUT COLLEGE:

1. Name of the Institute: DPM's SHREE MALLIKARJUN & Shri Chetan Manju Desai College Delem, Canacona, Goa.

2. No. of Branches: B.A.; B.Com.; BSc;

3. No. of Students: 565

4. No. of Faculty Members: 50

5. No. of Non-Teaching Members: 37

6. No. of Buildings: 07

8. Total campus area: 6000 m2

9. College building Spread Area: 2011 m2

a) Girls common room: 01

b) Garbage collection bins: 06

c) Labs: 05

d) Class rooms: 13

e) Auditorium/ Conference room: 03

f) First aid/Sick room:01

10. Student Strength

Catagotary	Boy s	Girls	Total
ST	129	120	249
OBC	48	102	150
sc	1	0	1
General	57	108	164
Total	235	330	565

Stream	Boys	Girls	Total
Arts	103	201	304
Commerc e	65	68	133
Science	67	61	128
Total	235	330	565



II) Green Audit Committee Composition

3	Prof. Dr. Manoj S. Kamat Mr. Dipak Bowalkar Ms. Divya Sawant	Chairman Convener
3		Convener
200	Ms. Divya Sawant	
	2000년에 지근 시민이 한국 (특) 인경과 (2000년에 2000년에 2000년에 2000년)	Co-convener
4	Ms. Disha Naik	Member
5	Mr. Anand Velip	NSS Co-ordinator
6	Ms. Karishma Parsekar	NCC Army Co-ordinator
, 7 1	Ms. Anisha Sawant Desai	NCC Nevy Co-ordinator
8	Mrs. Sanika Naik	Gardener
9	Mr. Mainath Gaonkar	Gardener
10	Ms. Diksha Gaonkar	Science Student
11	Mast. Vishant Gaonkar	Science Student
12	Mast. Sujay Gaonkar	Science Student
13	Mast. Navil Komarpant	Science Student
14	Mast. Jay Naik	Science Student
15 I	Ms.Nishita Naik	Science Student
16 I	Mast. Vishwanath Naik	Science Student
17 N	Ms. Prajakta Nevkar	Science Student
18 N	Ms. Priti Tavodkar	Science Student
19 N	Mast Krishna Velip	Science Student
20 N	Mast. Pradeep Velip	Science Student
21 N	Mast. Rupesh Velip	Science Student
22 N	Mast. Varon Dias	Science Student





III) Standard Operating Protocol for Green Audit

1. Introduction and purpose

The rapid urbanization and economic development at local, regional, and global level has led to several environmental and ecological crises. On this background it becomes essential to adopt the system of the green campus for the institute which will lead for sustainable development

Green audit can be defined as systematic identification, quantification, recording and analysis of components of environmental diversity to determine:

- (a) The compliance status to environmental regulatory requirement.
- (b) The environment management system; and
- (c) The overall environmental risk of the premises.

The "Green Audit" aims to analyze environmental practices within and outside the college campus, which will have an impact the eco-friendly ambience. It was initiated with the motive of inspecting the work conducted within the organization whose exercises can cause risk to the health of inhabitant and environment..

Through 'Green Audit' one gets a direction as how to improve the condition of environment and the various factor that can determine the growth and healthy environment in the institution.

2. Vision

To promote the Environmental management and Conservation in the College Campus and the surrounding community.

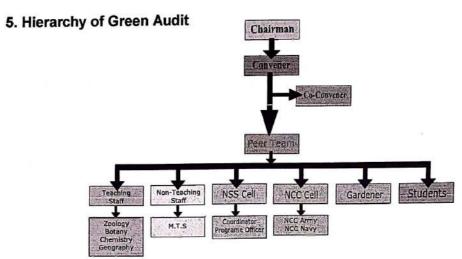
3. Mission

To identify, quantify, describe and empower the framework of Environmental sustainability in compliance with the regulation, policies and standards.

4. Objectives

- · To systematically document, Analyze, Improve and Maintain biodiversity of Campus
- · To actively involve students in biodiversity conservation activity and sustainable development practices.
- · To conduct extension activities for spreading green initiatives in the community
- To bring out a status report on environmental compliance
- To identify gaps and suggest recommendation to improve the Green Campus status of the Institution.
- · To establish a Benchmark to assess sustainable and eco friendly future of environment.





6. Components of Green Audit

- A) Biodiversity Audit: It deals with conservation and expansion of green cover in the campus along with awareness regarding conservation of biodiversity to college and surrounding community. The concerned auditor initiates documentation of biodiversity around campus and suggest for reducing carbon foot print campus.
- B) Waste Management Audit: The waste clearance measures associated to hazardous wastes and recycling are reviewed. The auditor diagnoses the prevailing waste disposal policies and suggests the best way to combat the problems.
- C) Water Audit: Evaluating the facilities of raw water intake and determining the facilities for water treatment. Water harvesting is one of the best techniques that can be adopted by simply storing the water and using it at the time of scarcity. The concerned auditor investigates the relevant method that can be adopted and implemented to balance the demand and supply of water.
- D) Energy Audit: It deals with the energy conservation and methods to reduce its consumption and the related pollution. The auditor targets at the energy consuming methods adopted and find whether these methods are using the energy in a conservative way or not.

7. Audit Process

The selection of an auditor by the organization requires some appreciation of what an audit entails. Organizations should appreciate that the environmental audit and risk assessment required under Environmental Quality are much more than an inspection and documentation of the site conditions. The audit shall investigate the environmental problems that are noted at the site to determine the root cause of the regulatory noncompliance so that the organization can take feasible steps to improve the conditions. The biodiversity auditor will comprise of two independently working parties namely:



- Internal Auditors (Self Study Reports)
- II. External Auditor (External Independent Review)

Internal Auditors (Self Study Reports)

The internal auditor will comprise of a team of members from the institution which will include the Principal (Chairman), Convener, Vice- Convener, Peer members including Teaching and Non Teaching Staff and Gardner of the college.

- A) Chairman: The Principal of the college will be designed as Chairmen of the Green Audit committee who will be appointing Convener & members of the committee and will closely monitor the progress of green audit. The selected committee members should fulfils following selection criteria.
- Minimum Environmental Auditing Experience.
- In-depth knowledge of Biodiversity –
- 3. Science or Engineering educational background.
- B) Convener: Principal/Vice-Principal shall evaluate and assign the Convener of the committee to facilitate the Green Auditing. The Convener of the committee is responsible to communicate the verbal/written instructions/notices from the Principal/vice-principal to the members of the committee. The Convener of the committee under the guidance of Principal/vice-principal will also design an action plan of Biodiversity auditing for the particular academic year. The Convener of the committee is responsible to assign duties and task to the members of the committee. The Convener of the committee should ensuring the efficient and effective conduct and completion of the audit within the audit scope and plan. The Convener of the committee with the help of members of the committee will be responsible for preparation and submitting the audit report. The Convener of the committee shall also take an active role in the site audit activities and shall not delegate the task of the site audit activities entirely to the members of the committee.
- C) Members of the committee: Members of the committee should have love, interest and knowledge of Biodiversity. The members of the Biodiversity audit will include the Teacher/Gardener/MTS/Student of the college. Members of the committee under the supervision of will responsible for completion of action plans of Biodiversity Audit. The members of the committee must work as a unit and the range of auditing and technical skills must be balanced among the team members. The team members should be competent enough to carry out the audit and have, as a minimum, certified skills in environmental auditing.

External Auditor (External Independent Review)

The External audit team should be independent third party organization so that they audit to ensure the objectivity of the audit, its findings and conclusions. The auditor who is selected should be free from bias and any potential conflict of interest



throughout the audit process. The selected External Auditor should also fulfill following criteria's:

- 1. Minimum Environmental Auditing experience
- 2. Certified skills in environmental auditing and relevant environmental management and technology.
- 3. Understanding of the environmental regulations and its requirements.

8. Review of preliminary

Before an audit is carried out, the scope of the audit has to be determined by the Chairman of the committee in accordance with the Institution. Determining the scope includes defining the extent and boundaries of the audit such as physical location, processes and organizational activities.



IV) Green Audit Policy

1. INTRODUCTION

Dnyan Prabhodhini Mandal's SHREE MALLIKARJUN and Shri Chetan Manju Desai College takes great pride in the natural beauty of its campus. Even though with small size, the campus offers insight into the complexity and balance of nature because of its special location on the foot hills of Karmal Ghats. The constant interaction with surrounding with rich biodiversity, campus holds vivid species of Flora and Fauna.

For those interested in nature, conservation and environmental study, the college offers a canvas of natural classrooms in which students and the extended community can learn and explore environmental principles and processes of concern.

Our College Mascot "THE EAGLE" Symbolises multi-dimensional aspect. The mascot encouraging students to adopt characters of eagle such like confidence, competence, connection with community and achieving high though remaining rooted to its values, on the other had "the Eagle" also symbolise the great diversity of raptor birds (27 Species) in the Taluka. Especially our mascot provides an umbrella for conservation Goa's largest raptor White Bellied Sea Eagle.

2. Objectives

The rapid utilization and economic development at local, regional and global level has led to several environmental and ecological crises. On this background it becomes essential to adopt the system of the Green campus for the institution which will lead for sustainable development.

The environmental policy of the college aims towards a systematic identification, quantification, recording, reporting, analysis and mitigation of components in the environment to determine:

- a) The compliance status to environmental regulation requirement.
- b) The environmental management system
- c) The overall environmental risk of the premises.
- d) The proper disposal of waste generated through different processes in campus.

3. Policy Framework:

With regard to the successful implementation of the College Environmental Policy, the College will abide by the following framework:

- 1. Responsibly manage all aspects of operations to meet recognized environmental standards and legal requirements.
- 2. Manage college operations to promote environmental protection and sustainable development where ever feasible.



- 3. Work with industry, government, public groups and the college community to determine environmental priorities.
- 4. Communicate with relevant stakeholder groups, in a timely and candid fashion, on the environmental aspects of college policies and operations.
- 5. Encourage all employees to be conscious of environmental considerations and to be protective of the environment.
- 6. Develop and implement environmental audits of all college operations including the physical plant, food services, purchasing, programs and transportation.
- 7. Develop and implement a procurement procedure which would encourage the procurement of products and services from suppliers who have a demonstrated commitment and capacity to produce those products and services in an environmentally responsible manner.
- 8. Establish an Environmental Committee /Green Audit Committee that would be responsible for monitoring the implementation of the Environmental Policy. The Committee would report to the Senior Management Committee of the College.
- 9. Endeavour to ensure that every graduate of Shree Mallikarjun & Shri Chetan Manju Desai College has received environmental awareness and resource utilization education, and wherever feasible, environmentally responsible training relevant to their chosen field of study and career path.

4. Green Audit Policy

The Green audit aims to analyze environmental practices within and outside the college campus, which will have an impact on the ecofriendly ambience. It is initiated with the motive of inspiring the work conducted within the organisations whose exercise can cause risk to the health of the inhabitants and the environment. The management of healthy environment and determining its assets in the college campus will be carried out annually by internal Green Audit committee. The findings and analysis of same will be proposed to Principal of college through a self study report. Further it will be subjected to external independent review through external green auditor agency appointed by college.

The college shall establish a Green Audit committee comprising of passionate and environmental conscious members including staff and student representatives, who will work in coordination with college administration to:



i) Develop specific policies and target to promote, monitor and improve environmental practices and work towards reducing the carbon footprint of the institution.

ii) Perform Green audit of the College.

Targets are to be reviewed regularly and this policy is to be reviewed

after every three years.

The Committee should also encourage activities pertaining to Environmental protection and sustainable development specific to Canacona Taluka and college campus such as:

1. Van Mahostav: Tree Plantation

- 2. Collaboration with Panchayat: Biodiversity Management Committee.
- 3. Use of digital tools in biodiversity monitoring such as Epicollect and ebird
- 4. Costal conservation focusing on sand dune and Mangrove ecosystem management.

5. Activities on cleanliness drives and environmental sensitisation in community.

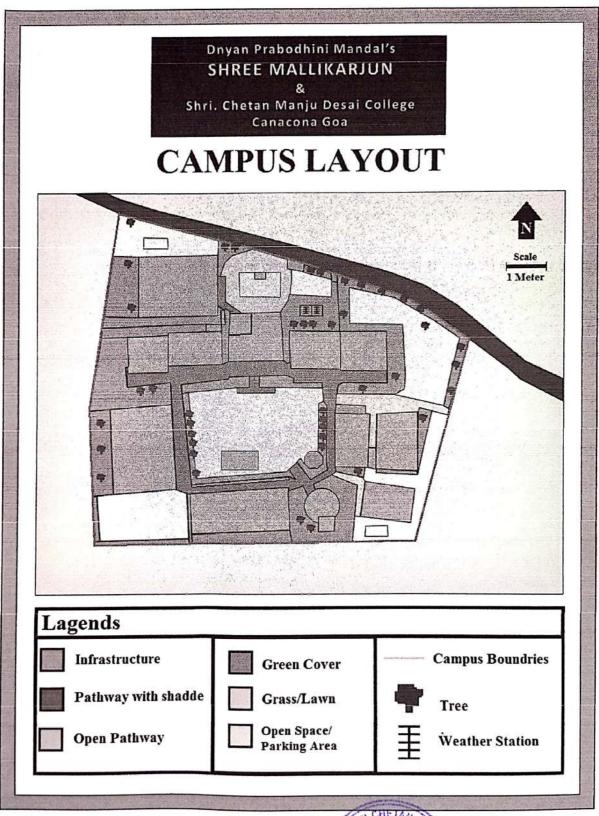
6. Liquid waste, lab waste & bio-hazard waste management in college campus

7. Facilitation of rain water harvesting and open well recharge.

8. Reduction in use of singe use plastic.

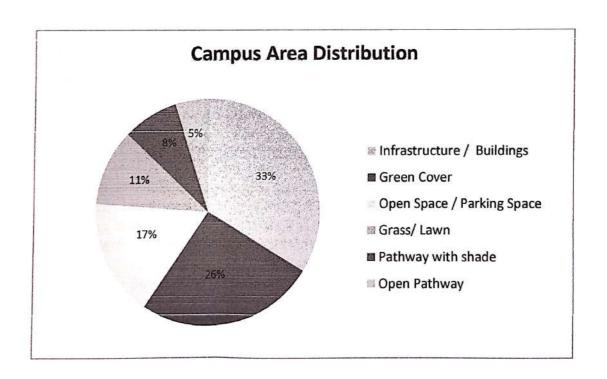


V) Campus Layout





Sr. Feature No.		Feature Area in Square Per Meters	
1.	Total Area	6000	100
2.	Infrastructure / Buildings	2011	34
3.	Green Cover	1535	26
4.	Open Space / Parking Space	1020	17
5.	Grass/ Lawn	638	11
6.	Pathway with shade	507	8
7.	Open Pathway	289	5





VI) Green Initiatives in Campuss

A) Systematic Documentation of Animal Diversity of College Campus using eBird and Padlet

Dyan Prabhodhini Mandals, Shree Mallikarjun and Shri Chetan Manju Desai College Campus is spread across 6,000 sq meter of which 37% of the campus is total green cover which includes Trees, Shrubs, Ornamental, Flowering Plants, Grass and Lawn. A sustainable ecosystem is only created when a biotic component that is plants and animals have sustainable interaction with abiotic factors. After the successful documentation of floral diversity of campus the faunal diversity documentation project was undertaken in academic year 2020-21. The Students of SYBSc Zoology students along with teachers of Zoology Mr. Dipak Bowalkar; Mrs, Sanchita Naik Gaunkar and Ms. Shweta Moye was assigned the task of documenting animal diversity of the campus.

As most animal show dynamic and constant locomotion, An random opportunistic surveys were made in and around campus within the radius of 1 kms. Different groups of animal were recorded and photographed. All the observation made were uploaded on e platforms for systematic and long term documentation. Two different platforms were used to document the animal diversity in campus. Total of 120 faunal species reported from campus during the study.

1. Digital common sharing canvas platform PADLET:

Padlet is an online notice board used as blank slate to customize as own platforms and help to add numerous media resources like videos, images, helpful links, a classroom newsletter, fun classroom updates, lesson material, answers to questions, and more.

Padlet was used as digital cloud-based software-as-a-service to host a real-time collaborative web platform in which students and teachers can upload, organize, and share their observations and finding related to animal diversity of campus on virtual bulletin board. A project Titled "ANIMAL WORLD" An Faunal Biodiversity Documentation of DPM's Shree Mallikarjun & Shri Chetan Manju Desai College Campus was Created for proving

single common platform to share observations. Total of 89 observation were recorded on the Padlet by students

Link https://padlet.com/dipakbowalkar1/gxp4oily2ekoy3kr)

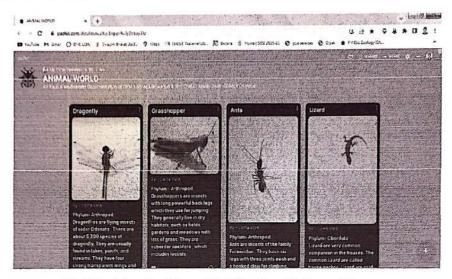
2. Use of eBird for documentation of Birds

eBird is an online database of bird observations providing scientists, researchers and amateur naturalists with real-time data about bird distribution and abundance Launched in 2002 by the Cornell Lab of Ornithology at Cornell University and the National Audubon Society, eBird gathers basic data on bird abundance and distribution at a variety of spatial and temporal scales. An single sharable hot spot

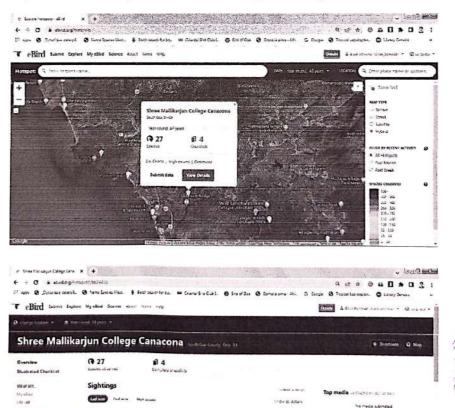


was created with a name "Shree Mallikarjun College Canacona" to document bird diversity in and around campus. (Link: https://ebird.org/hotspot/L9824436). Total of 27 species were recorded during the four survey.

Padlet Project : " ANIMAL WORLD" An Faunal Biodiversity Documentation of DPM's Shree Mallikarjun & Shri Chetan Manju Desai College Campus



eBird Hot Spot : Shree Mallikarjun College Canacona



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List of Faunal Diversity Documented during the survey

Sr. No.	Common Name	Konkani Name	Scientific Name
	MMALS		
1	Indian palm Squirrel	Channi	Funambulus palmarum
2	Black Faced Langur	Makod	Semnopithecus vetulus
3	Cattle	Gaurna	Bos taurus
4	Dog	Petto, Sune	Canis lupus familiaris
5	Cat	Majar	Felis catus
II) BIR	PDS		
6	Cattle Egret	Bakki	Bubulcus ibis
7		Murayalo	Spilornis cheela
8	Crested Serpent-Eagle Black Kite	Kalli Ghon	Milvus migrans
	ULTOWER AND		Haliastur indus
9	Brahminy Kite	Dhavi Ghon	
10	Green Bee-eater	Kirati	Merops orientalis
11	White-cheeked Barbet	Kuutto	Megalaima viridis
12	Ashy Drongo	Gobra Kirkavlo	Dicrurus leucophaeus
13	Ashy Prinia	Gobare Shetuk	Ashy Prinia
14	Red-vented Bulbul	Khapri Pikoli	Pycnonotus cafer
15	Spotted Dove	Kavado	Spilopelia chinensis
16	Indian Pond-Heron	Bakke	Indian Pond-Heron
17	Malabar Pied-Hornbill	Gadaduvayre	Anthracoceros coronatus
18	White-throated Kingfisher	Kirkiro	Halcyon smyrnensis
19	Rufous Treepie	Son Kavlo	Dendrocitta vagabunda
20	Red-whiskered Bulbul	Shend Pikoli	Pycnonotus jocosus
21	Jungle Babbler	Bajbhaje	Turdoides striata
22	Jungle Myna	Salori	Acridotheres fuscus
23	Oriental Magpie-Robin	Madval	Copsychus saularis
24	Tickell's Blue Flycatcher	Nile Etcule	Cyomis tickelliae
25	Purple-rumped Sunbird	Pichpiche	Leptocoma zeylonica
26	White-browed Wagtail	Pitpite	Motacilla maderaspatensis
27	Crested Treeswift	Shend Pakoli	Hemiprocne coronata
28	Asian Brown Flycatcher	Changule	Muscicapa latirostris
29	Western Yellow Wagtail	Haryale	Motacilla flava
30	Rose-ringed Parakeet	Kir	Psittacula krameri
31	Greater Racket-tailed Drongo	Vadlo Kirkavlo	Dicrurus paradiseus
32	Orange-headed Thrush	Kastur	Geokichla citrina
II\ PE	DTII EQ		
	PTILES	Chadaa	10-1-1
33	Calotes	Shedoo	Calotes versicolor
34	Monitor Lizard	Sal	Varanus indicus
35	Wall Lizard	Pal	Calotes hemidactylus



36	Goan Dwarf Geeko	Pal	Cnemaspis goaensis
37	Draco	Udpi sheddo	Draco dussumieri
38	Blind snake	Gaindol sap	Indotyphlops braminus
39	Rat Snake	Dinnod	Ptyas mucosa
40	Checkered Keelback	Pasko	Fowlea piscator
41	Striped Keelback	Pasko	Amphiesma stolatum
42	Spactakled Cobra	Nag	Naja naja
43	Indian Rock Python	Har	Python molurus
44	Whitakers Boa	Malund	Eryx whitakeri
45	Bronze Back tree Snake	Pasko	Dendrelaphis tristis
70	BIOTIZE BUOK II CE CHUKE	1 dono	
IV) Ar	mphibians		
46	Common Indian Tree Fro	g Bebo	Polypedates maculatus
47	Bull Frog	Bebo	Hoplobatrachus tigerinus
48	Dobson's Burrowing Frog	Bebo	Sphaerotheca dobsonii
49	Fungoid Frog	Bebo	Hydrophylax malabaricus
V) Bu	tterflies		
50	Common Mormmon	Phulpakhru	Papilio polytes
51	Common Crow	Phulpakhru	Euploea core
52	Common Rose	Phulpakhru	Pachliopta aristolochiae
53	Common Bush Brown	Phulpakhru	Mycalesis perseus
54	Chocolate Pansy	Phulpakhru	Junonia iphita
55	Lime	Phulpakhru	Papilio demoleus
56	Common Sailor	Phulpakhru	Neptis hylas
57	Common Jezebel	Phulpakhru	Delias eucharis
58	Southern Birdwing	Phulpakhru	Troides minos
59	Blue Mormmon	Phulpakhru	Papilio polymnestor
60	Glassy tiger	Phulpakhru	Parantica aglea
61	Malabar Banded Peacock	Phulpakhru	Papilio Buddha
62	Danaid Eggfly	Phulpakhru	Hypolimnas misippus
63	Common Pierrot	Phulpakhru	Castalius rosimon
64	Red Pierrot	Phulpakhru	Talicada nyseus
65	Nigger	Phulpakhru	Orsotriaena medus
66	Common Four Ring	Phulpakhru	Ypthima huebneri
67	Common Wanderer	Phulpakhru	Pareronia valeria
VI) Ot	her Invertebrates		
68	Dragonfly	Bhirmut	Odonata sps.
69	Damselfly	Dhakli Bhirmut	Odonata sps.
70	Grasshopper	Pittol	Orthoptera sps.
71	Black Ant	Kalli Muy	Lasius niger
72	Dung Beetle	Bam	Coleoptera sps.
73	Snail	Gogol Gai	Gastropoda sps.
74	Yellow Spotted Millipede	Paishya Kido	Harpaphe haydeniana
75	Mango Stem Borer	Ammaya Kid	Batocera rufomaculata
76	Slug	Gogol Gai	Gastropod asps.



77	Owl Moth	Pako	Caligo sps.
78	Plant bug	Bam	Miridae sps.
79	Huntsman Spider	Koli	Sparassidae sps.
80	Blistel Beetle	Bam	Meloidae sps.
81	Earthworm	Gaindol	Lumbricina sps.
82	Mosquito	Noraj	Culicidae sps.
83	Scorpion	Vinchu	Arachnid asps.
84	Housefly	Mus	Musca domestica
85	Indian Luna Moth	Pako	Actias selene
86	Canefly	Mus	Saccharosydne saccharivora
87	Yellow flyier	Pako	Diachlorus sps.
88	Handmaiden moth	Pako	Syntomoides imaon
89	Scarlet lily Beetle	Bam	Lilioceris Iilii
90	Praying Mentis	Bam	Mantodea
91	Oleander Hawk Moth	Pako	Daphnis nerii
92	Giant wood Spider	Koli	Nephila pilipes
93	Mud Dauber	Mus	Sceliphron caementarium
94	Fall Webworm	Kid	Hyphantria cunea
95	Brown Crab	Kulli	Cancer pagurus
96	Green Dock Beetle	Bam	Gastrophysa viridula
97	Hammer head worm	Kid	Bipalium
98	Red Giant Centipede	Salli	Scolopendra heros
99	Sting Bug	Bam	Halyomorpha halys
100	Pill Bug	Bam	Armadillidiidae
101	Atlas Moth	Pako	Attacus atlas
102	Seven spotted Ladybird	Kid	Coccinella septempunctata
103	Assaissin Bug	Kid	Reduviidae sps.
104	Brown Millipede	Paisya Kido	Diplopod asps.
105	Violin Mentis	Kido	Gongylus gongylodes
106	Carpenter Bee	Mus	Xylocopa sps.
107	Japanese silk moth	Pako	Antheraea yamamai
108	Whip Scorpian	Villu kido	Thelyphonida sps.
109	Cricket hunter wasp	Gagil mus	Chlorion sps.
110	Lschneumon wasp	Gangil mus	Ichneumonidae sps.
111	Spotted lanternfly	Kid	Lycorma delicatula
112	Signature Spider	Koli	Argiope anasuja
113	Black Solder Fly	Mus	Hermetia illucens
114	Cricket	Toll	Acheta domesticus
115	Stick Insect	Kid	Phasmatodea sps.
116	Giant Katydid	Pittol	Macrolyristes corporalis
117	Honey Bee	Mhava Mus	Apis indica
118	Black Centepede	Salli	Tantilla sps.
119	Fire Ant	Muy	Solenopsis sps.



2. Science View Point

Volume I, No. 01

Research Journal

SCIENCE VIEWPOINT 2021



Editor: Dr. Mithil S. Fal Desai

Dnyan Prabodhini Mandal's Shree Mallikarjun and Shri Chetan Manju Desai College, Canacona-Goa 403702

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В	ly Ms. Priyanka P. Kavalekar————————————————————————————————————
	Growing plants on Martian soil
	y A. Velip, L. Vagmode, N. Komarpant, S. Gaonkar, S. Dalal, S.
V	elip, I. Gaonker, U. Fal Dessai and M. Fal Dessai20-25
	Sensitive Detection Of Metal Ions On Different
	Platform - A Comparative Study
В	y Ms. Shubhlaxmi K. Naik ————————————————————————————————————
•	Study of Chalcone
3	y Ms. Divya R. Sawant



3. National Science Day 2021

The National Science Day 2021 was celebrated at Shree Mallikarjun and Shri Chetan Manju Desai College in association with the Goa State Council of Science and Technology. The college sincerely thank the National Council for Science and Technology and the Goa State Council of Science and Technology for financial support.

The National Science Day is celebrated in India to commemorate the award of the first Nobel Prize to Indian scientist Sir C V Raman, for the discovery of the 'Raman Effect'. This day is celebrated to emphasize the culture of science for the wellbeing and prosperity of mankind. To celebrate this occasion SHREE MALLIKARJUN & Shri Chetan Manju Desai College in association with Goa State Council for Science & Technology had organized a series of following events.

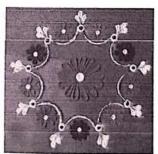
- 1. Know and Grow: On this occasion, we acknowledge the contribution of three 'Indian Scientists' (Prof. Sheshnath Bhosle, Prof. Rodney Fernandes, and Prof. Sundar Dhuri) who have marked their footprints at the international level. The invited talks with the theme 'Know and Grow' indent to give more insights about the theme of this year's National Science Day, 'Future of Science, Technology and Innovation (STI): Impacts on Education, Skill and work'.
- 2. The Magic of Science: The Magic of Science is a competition for students that intends to develop scientific temperament and create general awareness among society. The working model explains a concept, principle, process, or application of basic principles of science and technology.
- 3. Science in Surrounding: The Science in Surrounding is a photography competition that should have a scientific title and explanation of 50 words about the photograph.
- 4. Mask painting: Mask painting competition for the students was hosted with themes, Technology for people, Nobel people in technology and COVID-19 impact on the Indian economy
- 5. Selfie with Science: The Selfie with Science is a selfie competition that intends to share the thoughts and inventions of various scientists across the globe.

Below are some pictures of the event. More about the event can be seen on Facebook link(MithilFd-#Nationalscienceday2021...|Facebook) and voutube video link(https://youtu.be/eV7avH2T23U).

Pictures







Rangoli



Decoration at college entrance





Participants with guest



Inauguration by watering the plant



Memento as Aloe vera plant



Felicitation of Prof. Sheshnath Bhosle



Talk by Prof. Sheshnath Bhosle



Talk by Prof. Rodney Fernandes





Science exhibition



Science exhibition



Science exhibition



Science exhibition



Photography exhibition



Judges



Prize distribution



Prize distribution



Group picture with guest and judges



Govt, Reg. No. AC18 बान प्रबोधिनी गंठळ

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List of Activities conducted on Sustainable Development Goals (SDGs) Academic Year 2020 - 21

C- N-	Danautmont	Name of Activity/Program	Date of Activity
Sr. No.	Department	Career Opportunities In Economics (SDG 04- Quality	01-06-2021
1	n	Education)	
SDG Coogle Forms" (SDG)		Webinar On "Abc Of Google Forms" (SDG 04- Quality	02-06-2021
2 Information Technology		Education)	
40	Technology	Contribution Of Women To Goa's Freedom Struggle:	
3		1946-1961 (SDG -05 Gender Equality)	Mesosensus/Societies
	History	Webinar On 'Careers Through History' (SDG-04:	22-12-2020
4	***************************************	Quality Education, SDG-10:Reduced Inequalities)	
	History	International Womens' Day Celebration	
		(SDG-05_Gender Equality, SDG-10:Reduced	
_		Inequalities, SDG -16: Peace, Justice And Strong	03-08-2021
5	Listom/	Institutions)	
-	History	Azadi Ka Amrut Mohtsav: India's Independence 75 Years-	
		Empowering Educators (SDG -04: Quality Education,	
-		SDG -10: Reduced Inequalities, SDG-16: Peace, Justice	03-12-2021
6	History	And Strong Institutions)	
	Itistory	Webinar-Azadi Ka Amrut Mohtsav: India's Independence	
		75 Years- Roles And Responsibilities Of Students (SDG	
7		-04: Quality Education), (SDG -10: Reduced Inequalities,	04-12-2021
,	History	SDG 16: Peace, Justice And Strong Institutions)	
	History	Celebration Of Goa Revolution Day (SDG _04: Quality	
8		Education, SDG _10: Reduced Inequalities, SDG _16:	18-06-2021
0	History	Peace, Justice And Strong Institutions)	
	7	Webinar On Goa Revolution Day (SDG _04: Quality	
9		Education, SDG _10:Reduced Inequalities, SDG _16:	18-06-2022
,	History	Peace, Justice And Strong Institutions)	
10	Science	Webinar On "Ozone For Life (SDG _13: Climate Action)	28-10-2020
		Celebration Of Birth Anniversary Of Dr. S. R.	
		Ranganathan (National Librarian's Day) (SDG 04-	
11		Quality Education) & (SDG 16- Peace, Justice And	08-12-2020
**	Library	Strong Institutions)	
		Book Exibition On Hindi Books On The Occassion Of	14-09-2020 to
12		Hindi Pakwada (SDG 04- Quality Education) & (SDG 16-	30-09-2020
	Library	Peace, Justice And Strong Institutions)	
		Book Exibition On Mahatma Gandhi The Occassion Of	
13		Gandhi Jayanti (SDG 04- Quality Education) & (SDG 16-	10-02-2020
777	Library	Peace, Justice And Strong Institutions)	
		Book Exibition On Dr A.P.J Abdul Kalam (SDG 04-	
14		Quality Education) & (SDG 16- Peace, Justice And	15-10-2020
	Library	Strong Institutions)	
15		Saraswati Puja (SDG 16- Peace, Justice And Strong	24-10-2020
100000	Library	Institutions)	/
		Webinar On Career In Library Science (SDG 04- Quality	13
16		Education) & (SDG 16- Peace, Justice And Strong	01-09-2021
	Library	Institutions)	01-09-2021
		Webinar On Awareness Program On N-List (SDG 04-	<u> </u>
17		Quality Education) & (SDG-16-Peace, Justice And	02-09-2021
	Library	Strong Institutions) HRI CHETAN	10



Govt. Reg. No. AC18 क्षान प्रदोधिनी मंडळ

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40	Hindi	Devnagri Typing (SDG 04- Quality Education)	21-10-2020 to 21-11-2020
39	Hindi	Education)	
38	Hindi	International Webinar On Hindi Ka Vaishvik Paridrishya (SDG 04- Quality Education) Premjayanti Samaroh (Workshop) (SDG 04- Quality	31-07-2020
37	Sociology	Webinar On Impact Of Pendamic On Mental Health And Social Life (SDG 3 - Good Health And Wellbeing)	26-06-2021 SAN CHETAN
36	Sociology	National Webinar On Creer Counselling (SDG 8 - Decent Work And Economic Growth)	and the same of th
35	Sociology	Slogan Writing Competition On Role Of Legel Servicies In Promoting Welfare Of People (SDG 13 - Climate Action)	28-10-2020
34	Marathi	Guest Leture On 'Bhasha Aani Jeevan' By Prof. Kuldeep Kamat (SDG 04- Quality Education)	04-03-2021
33	Marathi	National Level Online Poetry Competition (SDG 8 - Decent Work And Economic Growth)	30-11-2020 NAI CHETA
32	Marathi	Guest Lecture On 'Marathi Bhasha Aani Vyavasayachya Sandhi' By Prof. Chinmay Ghaisas (SDG 04- Quality Education)	30-11-2020
31	Marathi	Guest Lecture On 'B. B. Borkar Yanchi Kavita' By Prof. Vinayak Bapat (SDG 04- Quality Education)	30-11-2020
30	NSS	Tree Plantation (SDG 13 - Climate Action)	March - June 2021
29	NSS	Fit India Freedom Run (SDG 3 - Good Health & Wellbeing)	15-08-2020 to 02-10-2020
28	NSS	Making And Distribution Of Face Masks (SDG 3 - Good Health & Wellbeing)	February - June 2021
27	NSS	Poster Competition On 'Covid-19 Pandemic – Responsibilities & Opportunities' (SDG 3 - Good Health & Wellbeing)	06-12-2021
26	NSS	Awareness Drive About Tika Utsav - Covid-19 Vaccination (SDG 3 - Good Health & Wellbeing)	14-04-2021
25	NSS	(SDG 3 - Good Health & Wellbeing)	11-04-2021 to
24	NSS	Making Digital And Hand Drawn Posters On Drug Abuse & Illicit Trafficking (SDG 3 - Good Health & Wellbeing) Posters On Appropriate Behaviour Towards Covid-19	26-06-2021 15-10-2020
23	NSS	Celebration Of International Women Day (SDG 5 - Gender Equality)	03-08-2021
22	NSS	Poster Painting And Digital Poster Making On The Topic Of Women Empowerment And Gender Equality (SDG 5 - Gender Equality	03-08-2021
1	NSS	Poster Competition On Youth And Hiv/Aids (SDG 3 - Good Health And Wellbeing)	08-05-2020
0	Library	Book Exhibition On Goa Revolution Daya (SDG 04- Quality Education), (SDG 16- Peace, Justice And Strong Institutions) & (SDG 17- Partnerships For The Goals)	18-06-2021
9	Library	Book Exibition On World Book Day (SDG 04- Quality Education) & (SDG 16- Peace, Justice And Strong Institutions)	23-04-2021
8	Library	Book Exibition On Azadi Ka Amrut Mahotsav (SDG 04- Quality Education) & (SDG 16- Peace, Justice And Strong Institutions)	03-12-2021







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41	Hindi	30 Days Workshop On Prayojanmulak Hindi (SDG 04- Quality Education)	08-03-2021 to 7-04-2021
42	Hindi	Seven Days State Level Multilingual Compering Workshop (SDG 04- Quality Education)	01-11-2020 to 07-11-2020
43	Hindi	Workshop On Rojgaar Ki Vibhin Uplabdhiya (SDG 04- Quality Education)	29-12-2020
44	Commerce	Career As A Company Secretary (SDG 04- Quality Education), (SDG 8 - Decent Work And Economic Growth), (SDG 16- Peace, Justice And Strong Institutions) & (SDG 17- Partnerships For The Goals)	23-11-2020
45	Commerce	Investor Awarness Program (Financial Literacy) (SDG 01- No Poverty)&(SDG 8 - Decent Work And Economic Growth)	07-12-2020
46	Commerce	Workshop On Industry Academia (SDG 01- No Poverty), (SDG 8 - Decent Work And Economic Growth) & (SDG 9- Industry, Innovation And Infrastructure)	30-07-2021
47	Commerce	How To Manage Boom & Ca (SDG 04- Quality Education), (SDG 8 - Decent Work And Economic Growth), (SDG 12- Responsible, Production And Consumption) & (SDG 17- Partnerships For The Goals)	05-10-2020
48	Commerce	Webinar On Basics Of Gst & Its Pratical Applicability For Entreprenurship (SDG 04- Quality Education) &(SDG 8 - Decent Work And Economic Growth)	22-04-2021

Prof. Dr. Manoj S. Kamat 23 | 11 | 201



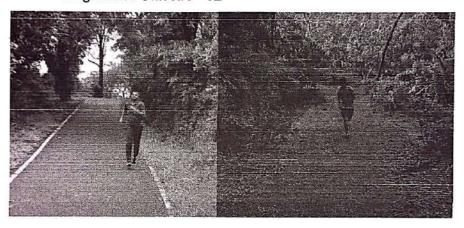


VII) Sustainable Initiatives and Green Practices by college

1. Swachh Bharat Programmes

The NSS Unit celebrated Mahatma Gandhi Jayanti by conducting Plogg Run and swachhata programme on 2nd Oct 2020 between 9.00 am and 11.00 am. Due to pandemic situation, COVID-19 norms and restrictions imposed by the government on movement, gathering at one place was avoided and volunteers were asked to participate in Plogg Run initiative by running for 2 kms while gathering garbage on the way at their native places.

Participation: Volunteers – 10 (Males- 08, Females- 02)
Programme Officer/s - 02



Besides plogg run programme, cleaning drive at 2 different localities was also conducted on 2nd October 2020 to encourage volunteers to inculcate swachhata value in their lives.





Participation: Volunteers - 08 (Males- 05, Females- 03)





Programme Officer/s - 02

Volunteers were also encouraged to learn about Mahatma Gandhiji by drawing posters and displaying the same for public to sensitise people about the values that were preached by this great national leader.

Participation: Volunteers - 03 (Males- 02, Females- 01) Programme Officer/s - 01

2. Go Green Initiative

As the world witness global warming with an increase in greenhouse gases especially carbon-di-oxide and consequent climate change, global community has realised the significance of green cover. Hence plantation of trees and reduction of carbon footprints has assumed focal point in the global discussions. While adhering to the commitment of reduction in the carbon footprints, the NSS Unit has pledged to contribute to increase green cover in the vicinity through the network of active volunteers. Volunteers willingly participated in planting saplings in their native areas and are obliged to take care of the same.

Participation: Volunteers - 44 (Males- 13, Females- 31) Programme Officer/s - 03





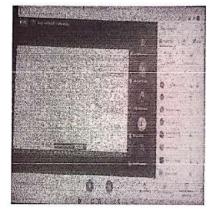
VIII) Awareness & Sensitization Activities

1. Webinar on demonstration on Mendeley free referencing app

The online webinar session on "Mendeley: A reference Manager" organised by the Department of Botany aimed at enlightening the wide array of audiences. It was a purely a research oriented topic and would benefit greatly to those involved in creating and compiling

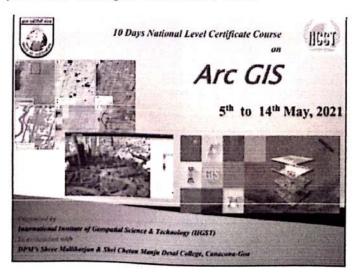
the vast literature database. We had total of 35 participants for the webinar which included Guest speaker (01), teachers (08) and; research and undergraduate students (26) from host as well as other institutes. Webinar was focussed on demonstrating the various tools and application of Mendeley in organizing the comprehensive literature database. Session also addressed the automatic citation of references in word files. Guest speaker also highlighted about the operation of this app on android phones. Resource person adopted the integrated approach of power point presentation and live demonstration to expound this app.





2. Certificate Course on Arc GIS

10 Days National Level Certificate Course on Arc GIS from 5th to 14th may 2021 Organized by International Institute of Geospatial Science & Technology (IIGST) In association with DPM's Shree Mallikarjun & Shri Chetan Manju Desai College, Canacona-Goa.





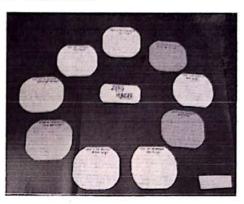


3. Poster Making Activity on sustainable Development Goals & Eco-tourism.

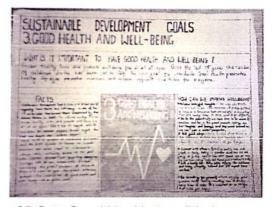
As a part of Internal Semester Assessment the student of S.Y.BSc Skill Enchantment Course "Wildlife and Ecotourism" prepared the poster of the theme " Sustainable Development Goals and their role in Ecotourism"



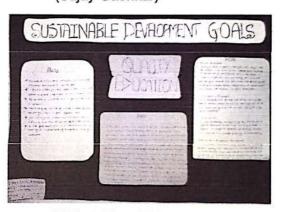
SDG-1: No Poverty (Vishant Gaonkar)



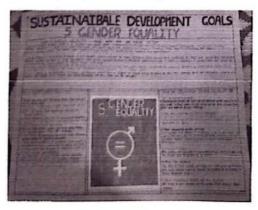
SDG -2: Zero Hunger (Sujay Gaonkar)



SDG-3: Good Health & well being (Prajata Nevkar)



SDG-4: Equal Education (Navil Komarpant)



SDG-5 Gender Equality (Dicksha Gaonkar)

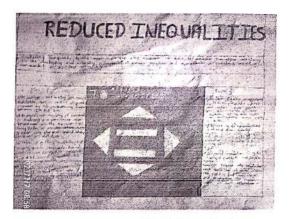


SDG-6: Clean water & Sanitization (Jay Naik)





SDG-7: Affordable & Clean Energy Inequality (Krishna Velip)



SDG-10 : Reduce

(Priti Tavodkar)



SDG-13: Climate Action (Nishita Naik)



SDG-14: Life Below Water (Rupesh Velip)

4. World Environment Day celebration

On account of World Environment Day, on 05th June 2021, a monologue competition was organised on the theme of 'Me & My Environment' on online platform by using Google Classroom. The programme was devised to provide platform to volunteers to present their experiences about environment and to appreciate their sentiments towards immediate surroundings.

Participation: Volunteers – 05 (Males- Nil, Females- 05)

Programme Officer/s – 01





5. COVID-19 Awareness Jan Andolan campaign

In the pursuit of controlling the spread of COVID-19 in the country, Jan Andolan campaign was launched by the Central Government through myGOV portal. The campaign was designed to encourage the people to take pledge and commit oneself to the responsibility of taking all necessary precautions that will prevent the spread of To express their commitments towards community service, NSS volunteers joined Jan Andolan campaign and took pledge by logging on myGOV portal since 11th October 2020

Participation: Volunteers - 42 (Males- 17, Females- 25) Programme Officer/s - 02





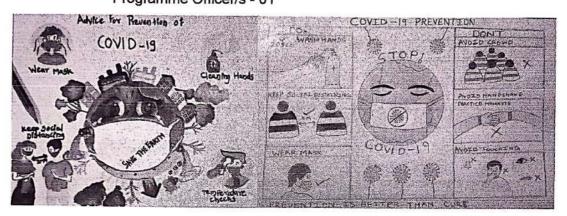
6. Poster Making Appropriate Behaviour towards COVID-19

In order to make awareness on corona virus and COVID-19 pandemic for effective control on its spread, posters were made on Appropriate Behaviour towards



COVID-19 on 15 - 16th Oct 2020 and same were displayed at public places and also on social media platforms.

Participation: Volunteers – 07 (Males- 02, Females- 04)
Programme Officer/s - 01

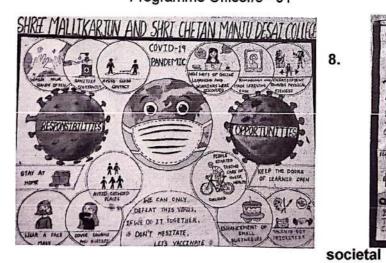


7. 'COVID-19 Pandemic Poster Making Responsibilities & Opportunities'

Poster competition on the topic of 'COVID-19 Pandemic – Responsibilities & Opportunities' was conducted on 12th June 2021 to understand approach of youth towards the pandemic. 07 female NSS volunteers presented their ideas through drawing skills.

Participation: Volunteers – 07 (Males- Nil, Females- 07)

Programme Officer/s - 01



8.

Covid-19 Pandernic Responsibilities and Opportunities

Sibilities and Opportunities

Some Responsibilities

So

upliftment

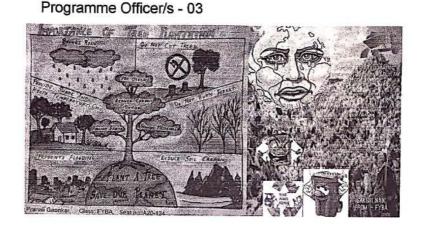
Awareness



Social

Awareness about social issues is of utmost importance for societal upliftment. With persistent efforts, desired change can be brought in the minds of the people. Keeping this aim at sight, NSS Unit through volunteers is seeking to bring change in the societal perspective about issues of common concerns like cleanliness, water conservation and harvesting, tree plantation, communal harmony, child labour, women empowerment etc by making of videos, hand drawn posters and digital posters.

Participation: Volunteers - 42 (Males- 17, Females- 25)





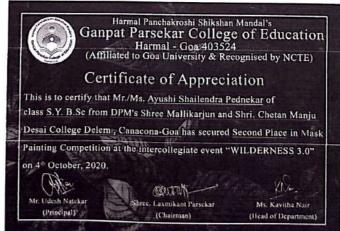
IX) Extension & Community Engagement

1. Participation in WILDERNESS 3.0

Three students of B.Sc Zoology; Dilesh Gaonkar (Photography), Ayushi Pednekar (Mask Painting), Tanaya Gosavi (Quiz, Fashion Sketch) participated in state level intercollegiate event WILDERNESS 3.0 Organized by Department of Zoology, Parsekar College of Education, Harmal on 04/10/2020. Ayushi Pednekar bagged Second place in Mask Painting.







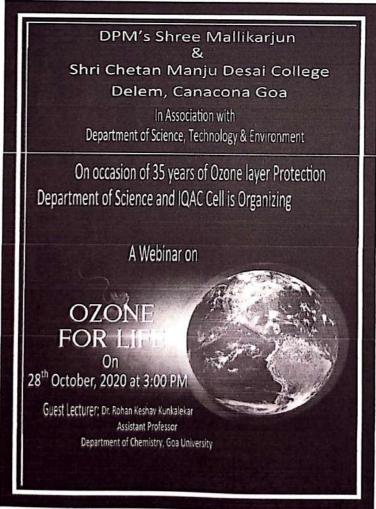


2. Webinar on "OZONE FOR LIFE"

DPM's Shree Mallikarjun & Shri Chetan Manju Desai College Delem, Canacona Goa, Department of Science and IQAC Cell, in association with The Goa State council for Science & Technology, organized a webinar on the Topic "Ozone for Life" on 29 October, 2020 at 03:00 PM. The Guest Speaker for the webinar was Dr. Rohan K. Kunkalekar, Assistant Professor, School of Chemical Science' Goa University. The Webinar was conducted online on Google meet platform. It was attended by 92 audience from different states of India.

Dr. Rohan Kunkalekar brief that the Ozone layer is a fragile shield of gas, that protects the Earth from the harmful portion of the rays of the sun, thus helping preserve life on the planet. This layer is constantly depleting because of harmful chemicals released into atmosphere such as Chlorofluorocarbons (CFCs) mostly releasing from air-conditioning, refrigeration etc.

The lecture was an initiative to create awareness and protection of ozone layer among the general peoples, students and researchers from different organizations.





3. Covid 19: Tika Utsav

NSS Volunteers participated in the nationwide awareness drive about Tika Utsav regarding COVID-19 vaccination from 11th to 14th April 2021 through social media. About 82 people were made aware about vaccination by visiting neighbourhood and following COVID-19 pandemic norms by volunteers. Social media platforms like whatsapp were also used to contact people.

Participation: Volunteers - 13 (Males- 05, Females- 08) Programme Officer/s - 03



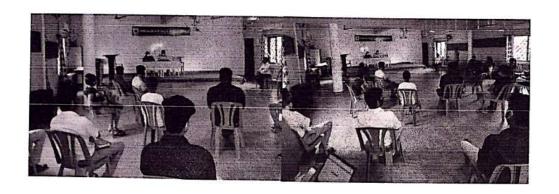
4. A Disaster Management Training

A Disaster Management Training with respect to COVID-19 pandemic was organised by District Collectorate Office, Madgaon on 09th May 2021 between 3.00 pm and 6.00 pm in the college auditorium. It was designed to train NSS and other volunteers to extend their assistance to contact and moral support to COVID patients.

Participation: Volunteers - 08 (Males- 05, Females- 03)

Programme Officer/s - 02 + 06 (Other staff)





5. Covid 19: Mask Distribution

To respond the needs of the society forced upon by the COVID-19 pandemic, NSS volunteers sought to make awareness through making and distributing of face masks in their immediate neighbourhood. By investing their own resources, volunteers stitched face masks and made awareness among people about appropriate use of masks in public places while distributing the same. About 705 face masks were made and distributed by the NSS volunteers.

Participation: Volunteers - 37 (Males- 05, Females- 32) Programme Officer/s - 03





BIODIVERSITY MANAGEMENT

COMMITTEE

VILLAGE PANCHAYAT SHRISTHAL VADAMOLE CANACONA GOA



Ref. No. VPS/CAN/F-Bio-Dive/2020-21/19

Date: 14/09/2020

Dr. Manoj Kamat The Principal Shree Mallikarjun and Shri Chetan Manju Desai College, Delem, Canacona, Goa. 403702

Sub: Letter of Appreciation for Providing Technical Support in Documentation of PBR

Respected Sir,

We are glad to inform you that Shristhal Biodiversity Management Committee's (BMC's), Peoples Biodiversity Registration (PBR) document has successfully validated and approved by Thematic Expert Committee (TEC) appointed by Goa State Biodiversity Board (GSBB). The report presented was well appreciated by all thematic members as one of the unique PBR documentation. This could have been not possible without all the support & resources provided by your college.

We are extremely grateful for the timely Guidance, Support and Resources you have given for documentation of the Peoples Biodiversity Registration. Looking forward for more such collaborative activities with the college in the coming future.

Thanking you in appreciation Yours Sincerely

Chairperson. Biodiversity Management committee

Village Panchayat Shristhal ..

Shri Sandeep S. Desai SECRETARY

Biodiversity Management committee ·Village Panchayat Shristhal

BIODVERSITY AND PARTIES TO STATE TO BE STATED TO THE STATE THAT THE STATE TO THE ST



Shristhal - Canacona

Certificate of Appreciation

This Certificate is awarded to Mr. Deepak Bowalkar for his meritorious service, contribution towards documentation process of PBR & Participation in All Social Activities

conducted by

BIODIVERSITY MANAGEMENT COMMITTEE - SHRISTHAL (Vinay Tubki) President Place: Shristhal, Canacona Date: 27th October 2020

(Sandeep Desai)

Secretary

Scanned with Oken Scanner

X) Suggestions Green Audit Committee to Improve Green Cover in Campus

- 1. Number of Plantation activity need to promoted involving students in the activity as primary focus.
- 2. All the perennial Plants need to be identified with their updated scientific & local name and provided with a proper label on each tree for awareness.
- 3. A dedicated site for Eco-friendly area can be established within campus such as Herbal Garden, Floral Garden, Fruit Garden, Butterfly Garden Etc.
- 4. Each new plantation need to immediately Geo-tagged after plantation with details of the plant and name of the planter.
- 5. Number of Automobile use in the campus should be minimized to reduce carbon emission.
- 6. The Green Cover and Eco-friendly awareness need to be also incorporated as part of extension activity and community service.

