



Parvatibai Chowgule College of Arts and Science  
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Best affiliated College-Goa University Silver Jubilee Year Award

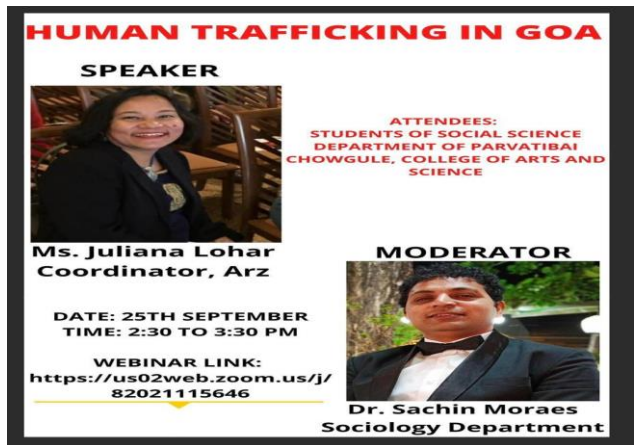
## **EXTENSION AND OUTREACH PROGRAMS CONDUCTED BY THE INSTITUTION**

*(Activities - Swachh Bharat, Aids Awareness, Gender Issue, etc. and those organised in collaboration with industry, community and NGOs)*

**2020-21**

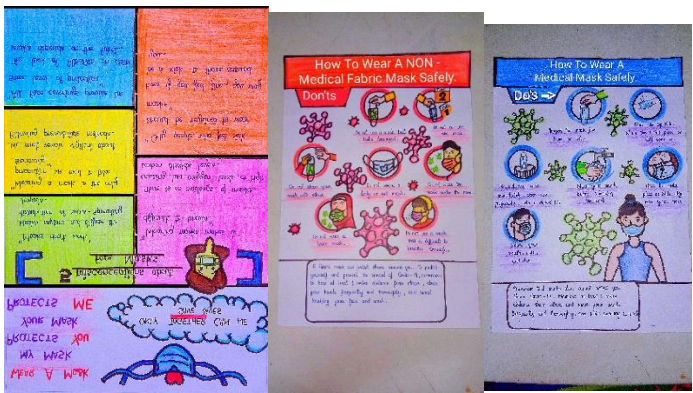
Sr.no	Name of the activity	Organising unit/ agency/ collaborating agency	Number of students participated
1	Awareness on Human Trafficking	Department of Sociology	50
2	Mask Wearing Awareness	Department of Sociology	72
3	GENERAL AWARENESS ON MASK WEARING AND DISTRIBUTION	Department of Sociology-Human Club	5
4	EDUCATIONAL DRIVE FOR THE UNDERPRIVILEGED	Department of Sociology	41
5	E-Poster- Environment Conservation	Department of Zoology	57
6	Home Composting	Department of Zoology	57
7	Paper Making - Handmade paper	Department of Zoology	57
8	E-Poster-Backyard wildlife	Department of Zoology	31
9	E-Poster-Importance of Covid Vaccination	Department of Zoology	31
10	E-Poster-Wildlife trade	Department of Zoology	31
11	Bird festival- Bird Walk	Department of Zoology and Goa Forest Department	14
12	Bird-Festival Lecture series(Webinar)	Department of Zoology and Goa Forest Department	60
13	Discussion Forum - "Download Relationships – Navigating a Private Affair"	Department of Psychology	73
14	IDPD - A Psychological Perspective' An online social outreach programme to commemorate the International Day of Persons with Disabilities	Department of Psychology	50
15	The Talking Tree Series: Postcolonial Indian English Writing: Discussing Mamang Dai's 'The Black Hill' with Gracy Samjetsabam (Guest Faculty, MIT Manipal & Research Scholar MIC)	Dept. of English	36
16	CV Writing Workshop	Dept. of English	28
17	The Talking Tree Series: Creators & Comics: Behind the scenes with Comixense with Orijit Sen & Francesca Cotta (Editors - Comixense), Mohd Salman (Author), Rai (Artist)	Dept. of English	25
18	Discovery Gallery-Pride of India- Poster Competition	Dean- Faculty of life Sciences	20
19	Innovation Idea Competition	Dean- Faculty of life Sciences	15
20	Sciencetons: Theme-Self-reliance (Atmanirbhar) or Waste Management	Dean- Faculty of life Sciences	20
21	Photography Competition- Prena Diwas	Dean- Faculty of life Sciences	12

22	Quiz- Prerna diwas	Dean- Faculty of life Sciences	10
23	World mangrove Day-Slogan Competition	Department of Zoology and Mangrove Society of India	60
24	World mangrove Day-Elocution Competition	Department of Zoology and Mangrove Society of India	60
25	World mangrove Day-Photography Competition	Department of Zoology and Mangrove Society of India	60
26	Yoga Day	NSS	20
27	World Environment Day	NSS	25
28	Fit India Run	NSS	8
29	Hoisting National Flag	NSS	10
30	Poster making on Vector Borne diseases	NSS	37
31	Dissemination of message on covid-19:Poster making	NSS	33
32	Dissemination of message on covid-19:Jingle making	NSS	9
33	Rashtriya Ekta Diwas:Pledge	NSS	57
34	Rashtriya Ekta Diwas:Poster Making	NSS	20
35	Rashtriya Ekta Diwas:Video screening	NSS	62
36	World Children's Day	NSS	64
37	Constitution Day celebration	NSS	91
38	World's Aids Day: Poster making	NSS	80
39	Fit India Month: Slogan writing	NSS	193
40	Fit India Month: Video on "Fitness ka dose aadhagantaro"	NSS	73
41	Road safety: poster making	NSS	123
42	Road safety: Jingle making	NSS	23
43	Road safety :Video making	NSS	63
44	Road safety: slogan displaying	NSS	6
45	Webinar on PoshanPakhwada	NSS	113
46	Women's day: Appreciating women	NSS	92
47	Women's day: Quiz	NSS	158
48	National youth festival webinar	NSS	82
49	Sapling plantation on the occasion of World Environment Day	NSS	104
50	Orientation- Young Warrior Campaign	NSS	165
51	Women's Day activities	English tygers club of Dept. of English	44
52	CosFest goa 2021	English tygers club of Dept. of English	3
53	CV Writing Workshop	Dept. of English	36
54	Drafting With the Intent to Publish'	Dept. of English	28
55	Katharsis 2021	English tygers club of Dept. of English	30
56	The Bard by the Mandovi 2021	English tygers club of Dept. of English	50

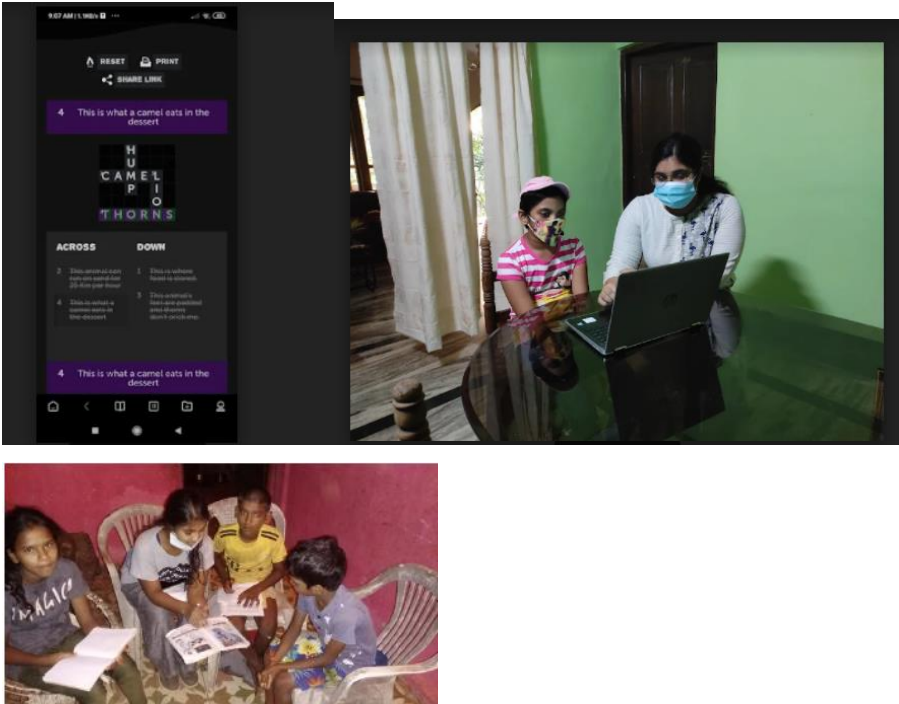
<b>1. Report on 'Human Trafficking in Goa'</b>	
Title:	'Human Trafficking in Goa'
Date and year:	25/9/2020 at 2.30 PM to 3.30 PM
Venue:	Online (GoogleMeet)
Resource person/s:	Ms. Juliana Lohar, general manager of swift was and coordinator of NGO ARZ
No. of Participants	50
Objective:	<ol style="list-style-type: none"> <li>1. Understand the Human Trafficking and how it takes place.</li> <li>2. To know the causes and challenges of working in NGO.</li> <li>3. To understand plight of the victims in Human Trafficking.</li> </ol>
Summary of the proceedings	<p>The Department of Sociology along with NGO, ARZ conducted a webinar on 'Human Trafficking in Goa' on 25/9/2020 at 2.30 PM to 3.30 PM. Total of 50 students along with both the faculties from the Department of Sociology were present for the same. The webinar aimed at awareness on Human Trafficking in Goa which has become serious issue over time. The main speaker for the webinar was Ms. Juliana Lohar, general manager of swift was and coordinator of NGO ARZ.</p>
Photographs	 <p>The photograph is a promotional poster for a webinar titled "HUMAN TRAFFICKING IN GOA". It features two individuals: Ms. Juliana Lohar, Coordinator of ARZ, as the speaker, and Dr. Sachin Moraes, Sociology Department, as the moderator. The poster also lists the attendees as students of Social Science from the Department of Parvatibai Chowgule College of Arts and Science. The date and time of the webinar are specified as 25th September, 2:30 to 3:30 PM. A Zoom link is provided for registration.</p>



## 2. Report on “Awareness of wearing Mask”

Title:	Awareness of wearing Mask
Date and year:	January 2021
Venue:	Online (GoogleMeet)
Resource person/s:	Students activity
No. of Participants	72
Objective:	<ol style="list-style-type: none"> <li>1. Understand the importance of mask wearing.</li> <li>2. To know the way mask should be used in the pandemics.</li> <li>3. To educate the people on pandemic and consequences.</li> </ol>
Summary of the proceedings	<p>The Students of SYBA and TYBA sociology in the month of January 2021 under the course ‘Contemporary issues of Women in India’ had a Project to be conducted on the ‘Awareness of wearing Mask’, 72 students participated in this assignment of asking people to wear mask and what are the dos and don’t of mask during the time of pandemic. This activity was very successful, since now most of the people are on the social networking sites so it was better for students to aware them online.</p>
Photographs	

### 3. Report on “Educational Drive”

Title:	Educational Drive
Date and year:	May 2021
Venue:	Online (GoogleMeet)
Resource person/s:	
No. of Participants	41
Objective:	<ol style="list-style-type: none"><li>1. Understand the plight of the students who are unprivileged.</li><li>2. To know make students ready for future teaching jobs</li></ol>
Summary of the proceedings	The students of SYBA Sociology had a assignment based on ‘Educational Drive’ in this students had to teach some lessons to unprivileged students of the society either online and offline during the time of pandemic so that the unprivileged students do not feel out of place when it come their education. A total of 41 students participated in the activity.
Photographs	

#### **4. Report on “Mask Distribution Drive to the Underprivileged Migrant Labourers”**

Title:	MASK DISTRIBUTION DRIVE TO THE UNDERPRIVILIGED MIGRANT LABOURERS
Date and year:	APRIL AND MAY 2021
Venue:	Margao City
Resource person/s:	
No. of Participants	5
Objective:	<ol style="list-style-type: none"><li>1. To instil the habit of wearing mask by creating awareness</li><li>2. To reach out to the underprivileged migrant labourers</li></ol>
Summary of the proceedings	The students of the Human Club undertook a mask distribution campaign in the city of Margao and around. A total of 100 people were given free mask and an awareness was created on the need and benefits of wearing a mask during the covid-19 times.

Photographs











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**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS)  
GOGOL, MARGAO-GOA**

**GREEN INITIATIVES / ENVIRONMENT PROTECTION INITIATIVES**

**BY**

**STUDENTS OF SEC COURSE ON WASTE MANAGEMENT TECHNIQUES**

*Guiding teachers: Dr. Nandini Vaz Fernandes, Ms. Madhu Balekai, Ms. Tessa Vaz & Ms. Gautami Manakikar*

**E-POSTERS:** The SEC students designed E-posters in order to create awareness on the various Waste Management techniques. The students used posters to explain about the adverse effects caused on the environment and human health by the waste generated. They also created awareness on the different sources of waste and how one can segregate and dispose the waste safely without harming the environment. They emphasized on the hazardous effect of E-waste on the environment and suggested methods of disposing the E-waste generated. The main aim of this activity was to reignite the awareness regarding the ill aspects of improper waste management.

NAME OF STUDENT	PHOTOGRAPHS
Stena Rebello	
Tahoora Shaikh	



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Radha Shirsat



Shruti Kale







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Renvill Luis

### MANAGEMENT OF MEDICAL WASTE

Smt.Parvatibai Chowgule college of Arts and Science  
Dept Of Zoology[ SEC Waste Management] Renvill A.Luis  
-SU190091 (S.Y.Bsc)

Biomedical waste or hospital waste contains infectious (or potentially infectious) materials. Examples of Medical waste include potentially contaminated used or unused discarded needles, scalpels, lancets and other devices capable of harming the skin.

Biomedical waste is generated from biological and medical sources and activities, such as the diagnosis, prevention, or treatment of disease. Medical facilities generate waste hazardous chemicals and radioactive materials.

Poor medical waste management causes environmental pollution, unpleasant smell, growth and multiplication of insects, rodents, and worms, and may lead to transmission of diseases like typhoid, cholera, and hepatitis.

CONCLUSION:- Considering its impact on the environment, biomedical waste management requires immediate academic assessment to increase the awareness during training courses.

#### Treatment Methods

- Incineration
- Autoclaving
- Microwaving
- Chemical
- Biological

#### Medical Waste Facts

- 3.9 Million Tons Per Year
- 85% is Non-Hazardous
- 16 Billion Injections Per Year
- 2 Million Needles Per Day
- 800,000 Needle Sticks Per Year, per NIOSH

REFERENCE:- 1)Medical Waste. (2017, November 07). Retrieved December 03, 2021, from <https://www.epa.gov/ncr/ncr1/medical-waste>

2)Facts of Biomedical Waste on the Environment | Science Health. (2020). Retrieved 2 December 2021, from <https://www.sciencehealth.in/2020/12/02/facts-of-biomedical-waste/>

3)Public Health and the Environment: Health and Safety. (2020). Retrieved 2 December 2021, from <https://www.who.int/news-room/fact-sheets/detail/public-health-and-the-environment>

Anusha Raut

### SOLID WASTE MANAGEMENT DEPARTMENT OF ZOOLOGY

NAME: ANUSHA RAUT  
ROLLNO: SU190064  
CLASS: SYBsc

#### INTRODUCTION

Solid waste management is the process of collecting and treating solid wastes. Solid wastes are generated from municipal, industrial, and agricultural activities. The waste can be collected by door-to-door collection method, community bins are placed in the locality. After collection, the solid waste is transported via trucks and then it can be treated to reduce the total volume and weight of the materials. This treatment changes the form of the waste and makes it easier to handle. The methods of solid waste management includes sanitary landfills, composting, incineration, pyrolysis.

#### SOURCES OF SOLID WASTE

Residential waste is main Source of solid waste. Others include Industrial, Commercial, construction and demolition areas.

#### METHODS OF SOLID WASTE MANAGEMENT

##### Sanitary landfill

It is the most common method of solid waste management. The landfills are designed in such a way that the bottom of the landfill is covered with an impervious liner, which is made up of several layers of thick plastic and sand. This liner protects the ground water from being contaminated because of leaching. When the landfill is full, it is covered with the layers of soil and clay to prevent seepage of water.

Fig: sanitary landfill  
Author: kot-coll  
Source: [https://live.staticflickr.com/7195/7000513786\\_4e183bcf79.jpg](https://live.staticflickr.com/7195/7000513786_4e183bcf79.jpg)  
License: CC-BY-NC-SA2.0

##### Incineration

In this method the solid waste are burnt at high temperature. It is burned inside a properly designed furnace under very controlled conditions. The volume of the combustible waste is reduced considerably by burning waste. In the case of off-site pits, it is an most appropriate method to minimize scavenging.

#### CONCLUSION

Waste management is an important element of environmental protection. The improper disposal of solid waste can create unhygienic conditions which can lead to pollution and various disease. Using recovered material generates less solid waste. The sanitary landfill method is most preferred waste management method.

#### REFERENCES

Nathanson, J. A. (2020, november 10). solid waste management . Retrieved from britannica: <https://www.britannica.com/technology/solid-waste-management>  
Solid Waste Management. (n.d.). Retrieved from tutorialspoint: [https://www.tutorialspoint.com/environmental\\_studies/solid\\_waste\\_management\\_](https://www.tutorialspoint.com/environmental_studies/solid_waste_management_)





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Vineet Nerurkar	 <p>Smt. Parvatibai Chowgule college of Arts and Science DEPT OF ZOOLOGY [SEC-WASTE MANAGEMENT]</p> <h3>MANAGEMENT OF MEDICAL WASTE</h3> <p>Vineet nerurkar - SU190298 SYBSC</p> <p>Medical waste is a subset of wastes generated at health care facilities, such as hospitals, physicians' offices, dental practices, blood banks, and veterinary hospitals/clinics, as well as medical research facilities and laboratories.</p> <p><b>conclusion</b></p> <p>There is lack of sufficient knowledge among dental students regarding management of biomedical waste and recycling or reusing of dental materials. Considering its impact on the environment, biomedical waste management requires immediate academic assessment to increase the awareness during training courses.</p> <p><b>Alternative Treatment and Disposal Technologies for Medical Waste</b></p> <p>Thermal treatment, such as microwave technologies; Steam sterilization, such as autoclaving; Electroplyrolysis; and Chemical mechanical systems, among others.</p> <p>REFERENCE: Medical Waste. (2017, November 07). Retrieved December 03 2020, from <a href="https://www.epa.gov/rca/medical-waste">https://www.epa.gov/rca/medical-waste</a> J Int Soc Prev Dent. 2016 Sep-Oct; 6(5): <a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5009009/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5009009/</a></p>
Akarsha Faldessai	 <h3>COMPOSTING</h3> <p>COMPOSTING</p> <p>Composting is a method for treating solid waste in which organic material is broken down by microorganisms in the presence of oxygen to a point where it can be safely stored, handled and applied to the environment.</p> <p><b>TYPES OF COMPOSTING:</b></p> <ul style="list-style-type: none"> <li>Onsite composting</li> <li>Vermicomposting</li> <li>Aerated windrow composting</li> <li>Aerated static pile composting</li> <li>In-vessel composting</li> </ul> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>Enriches soil, helping retain moisture and suppress plant diseases and pests.</li> <li>Reduces the need for chemical fertilizers.</li> <li>Encourages the production of beneficial bacteria and fungi that break down organic matter to create humus.</li> </ul> <p><b>Disadvantages:</b></p> <p>Drawbacks of composting by – products are cost for site preparation and equipment, the lengthy treatment period, targeting final use of compost product, and environmental issues such as odors and dust. Some investment in equipment and site preparation is required or recommended.</p>
Bhagyashree Mahajan	



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		<div data-bbox="574 420 1341 970" data-label="Complex-Block"> <h2>SEWAGE WASTE MANAGEMENT</h2> <p>Bhagyashree Mahajan , roll no. SU190341, SYBSc Zoology - Waste Management</p> <div> <div> <h3>What is sewage?</h3> <p>Sewage is the term used for wastewater that often contains faeces, urine and laundry waste. It is characterized by volume, rate of flow, physical condition ,chemical and toxic constituents and its bacteriological status.</p> </div> <div> <h3>Problems of sewage waste.</h3> <ol style="list-style-type: none"> <li>1. Untreated sewage water can contaminate the environment and cause diseases such as diarrhoea. It also enters into various water bodies causing them to be polluted. Hence sewage treatment is essential.</li> <li>2. Sewage disposal is a major problem in developing countries as many people don't have access to sanitary conditions and clean water.</li> </ol> </div> <div> <h3>What is sewage treatment?</h3> <p>Sewage treatment is the process of removing contaminants from municipal wastewater ,containing mainly household sewage and industrial wastewater</p> </div> <div> <h3>Sewage Treatment</h3> <ul style="list-style-type: none"> <li>• Primary treatment basically involves physical removal of particles from sewage through filtration and sedimentation.</li> <li>• Secondary or biological treatment removes dissolved and suspended biological matter. It is performed by indigenous, waterborne microorganisms in managed habitat. Treated sewage is then released into local waterways.</li> </ul> </div> </div> </div>
Lizanne Cardozo		<div data-bbox="613 974 1305 1491" data-label="Complex-Block"> <div> <div> <p>→ Have your household sewer line inspected and replaced if necessary</p> <p>→ Use strainers in sinks to catch food scraps and empty them into trash for disposal</p> <p>→ Don't put fats, oils or grease down the drain</p> </div> <div> <p><b>Sewage is the waste-water that contains faeces, urine and laundry waste. As a result aquatic organisms are unable to survive. Typhoid fever and cholera are some examples of diseases carried by sewage. To prevent sewage; use flushes with low capacity, fix leakages in sewer pipes. Alternative methods of sewage disposal are septic tanks, biogas plants.</b></p> </div> </div> <div> <h3>PREVENTING POLLUTION DUE TO SEWAGE</h3> <div> <p><b>"STOP THE POLLUTION QUICK, DON'T MAKE THE WATER SICK"</b></p> <p><b>"THINK OUTSIDE THE SINK!"</b></p> </div> <div> <p><small>*Polluted Mokal Creek at Lokhandwala, Mumbai. (Ravi Khemka) License: CC BY 3.0. <a href="https://creativecommons.org/licenses/by/3.0/">https://creativecommons.org/licenses/by/3.0/</a></small></p> <p><small>*"Tannery sewage" (Magnusfranklin) License: CC BY-NC 3.0. <a href="https://creativecommons.org/licenses/by-nc/3.0/">https://creativecommons.org/licenses/by-nc/3.0/</a></small></p> </div> </div> </div>
Mayuri Verlekar		





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	<p>Parvatibai Chowgule College of Arts and Science</p> <p>Name: Mayuri Verbekar Roll No. 55190296 Department: Zoology</p> <h2>MEDICAL WASTE</h2> <div> <div> <h3>INTRODUCTION</h3> <p>Medical waste is the waste that contains potentially infectious material. This waste includes waste that is generated by healthcare workers like hospitals, laboratories or medical research facilities.</p> </div> <div> <p>Sources: <a href="https://www.pinterest.com/pin/5246180400/">https://www.pinterest.com/pin/5246180400/</a></p> </div> </div> <div> <div> <h3>Effects of medical waste</h3> <ul style="list-style-type: none"> <li>• Soil, air and water contamination</li> <li>• It can lead to the spread diseases like HIV, Tuberculosis, hepatitis.</li> <li>• The radioactive elements can seep in the ground water through the landfill and can lead to serious diseases.</li> </ul> </div> <div> <h3>5.9 Million tones of medical waste is regenerated per year.</h3> <ul style="list-style-type: none"> <li>• 16 Billion injections are disposed annually.</li> </ul> </div> </div> <div> <div> <h3>HOW CAN MEDICAL BE TREATED?</h3> <p>Treatment methods include:</p> <ul style="list-style-type: none"> <li>• Incineration</li> <li>• Autoclaving</li> <li>• Microwaving</li> <li>• Chemical treatment</li> <li>• Biological treatment</li> </ul> </div> <div> <p>Sources: <a href="https://www.pinterest.com/pin/5246180400/">https://www.pinterest.com/pin/5246180400/</a></p> </div> </div> <div> <div> <h3>DISCUSSION</h3> <p>How can we handle medical waste?</p> <ul style="list-style-type: none"> <li>• Know the healthcare waste rules regulated by DOT, EPA, OSHA and DEA.</li> <li>• Avoid putting non-hazardous waste in with rest to prevent overloading.</li> <li>• Separate waste based on sharps, pharmaceutical, chemical, pathological and non-hazardous.</li> <li>• Use the medical waste disposal color code.</li> </ul> </div> <div> <h3>CONCLUSION</h3> <p>Incineration of biomedical waste is one of the techno-economical viable scheme. Individual awareness and participation in waste management is very important. Safe and effective management is not only a legal necessity but also a social responsibility.</p> </div> </div> <p>Reference: Unknown (2020). What Is Medical Waste? Definition, Types, Examples &amp; More Retrieved from MedPro Disposal: <a href="https://www.medprodisposal.com/medical-waste-disposal/what-is-medical-waste-definition-type-examples-and-more/">https://www.medprodisposal.com/medical-waste-disposal/what-is-medical-waste-definition-type-examples-and-more/</a> Munoz S (2019). Impact Of Biomedical Waste On Human Health. <i>Environmental Claims Journal</i>, 31 1-334.</p>
Dhanaya Naik	<h2>E - WASTE MANAGEMENT</h2> <div> <div> <h3>WHAT IS E - WASTE?</h3> <p>➤ It refers to all the electronic waste generated which is unwanted, broken or outdated.</p> </div> <div> <h3>SOURCES:</h3> <p>➤ It includes all the electronic gadgets like television, computer, cellular phones, refrigerator, VCRs, lamps, tablets, bulbs and etc.</p> </div> </div> <p><b>FACT:</b> 20 to 50 million metric tons of e-waste are disposed worldwide every year.</p> <div> <div> <h3>HAZARDOUS EFFECTS OF E- WASTES</h3> <h4>HEALTH:</h4> <p>➤ Chemical poisoning through inhalation. other effects includes nausea, neurological disorders, congenital malformations, vomiting, cancer.</p> <h4>ENVIRONMENT:</h4> <p>➤ Degrade water and soil quality. ➤ It result in high algal population in aquatic conditions. ➤ Change in climate and ozone layer destruction. ➤ Waste break down to give one of the potent greenhouse gas –methane.</p> </div> <div> <h3>PREVENTIVE MEASURES:</h3> <p>➤ If you have parts and equipment that are still working, try repairing the electronic device before getting a new one. ➤ Recycle no matter what you have, it's important to always dispose of your e-waste properly. ➤ Buy environmentally friendly electronics. Look for products labelled Energy Star or certified by the Electronic Product Environmental Assessment Tool.</p> </div> </div>



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Gauri Pandit	<p>The infographic features two photographs at the top: one showing a beach covered in plastic waste and another showing a hand holding a piece of plastic. Below these are two small text boxes with Creative Commons licenses. A central blue box states: "80% OF LITTER IN OCEANS COMES FROM LAND BASED ACTIVITIES. MOST OF IT IS SINGLE USED PLASTIC". At the bottom left is a "STOP OCEAN PLASTIC POLLUTION" logo, and at the bottom right is a purple box with the text "START THE FIGHT AGAINST PLASTIC TODAY, FOR BETTER".</p>
Yohan Rodrigues	<p>The poster is titled "DEPARTMENT OF ZOOLOGY SEWAGE MANAGEMENT" and "ROLL.NO SU190072 SYBSC". It includes an introduction, a flowchart of the sewage treatment method, a conclusion, and a bibliography. The introduction defines sewage waste and its sources. The method section shows a flowchart from "Sewage (Wastewater)" through "Preliminary Treatment", "Primary Treatment", "Secondary Treatment", and "Tertiary Treatment" to "Discharge". The conclusion explains why sewage treatment is necessary and lists its benefits. The bibliography cites several sources.</p>



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<p>Aakansha Patil</p>	<div data-bbox="548 422 1377 1041"> <div> <div> AAKANSHA PATIL ROLL NO. SU190094 CLASS - SYBSC ZOOLOGY </div> <div> DEPARTMENT OF ZOOLOGY <b>WASTE SEGREGATION</b> </div> <div> </div> </div> <p>Segregation is the most important step for the waste treatment. Diverse waste materials requires different ways of treatment.</p> <div> <div> <p><b>WHY WE NEED WASTE SEGREGATION ?</b></p> <p>India is getting buried under mounds of garbage as the country has been generating more than 1.50 lakh metric tonne (MT) of solid waste every day. Worse - approximately 90 per cent (1,35,000 MT per day) of the total amount is collected waste. Nearly 15,000 MT of garbage remain exposed every day, resulting in almost 55 lakh MT of solid waste disposed in open areas each year, which leads to "severe" pollution level. Of the total collected waste, only 20 per cent (27,000 MT per day) is processed and the remaining 80 per cent (1,08,000 MT per day) is dumped in landfill sites. At times the "highly polluting" unprocessed solid waste in the dump sites reaches 3 crore MT. The solid waste in landfill sites and the uncollected trash - of the total 5.4 crore MT of solid waste generated annually - 4.5 crore MT is unprocessed. The Ministry of Environment, Forests and Climate Change (MoEFCC) provided the details of the ever-growing garbage citing a 2016-17 report by the Ministry of Housing and Urban Affairs.</p> </div> <div> <p>There are number of important reasons that encourages waste segregation; legal obligations, cost savings and protection of human health and the environment.</p> <p>Here are some steps to manage and segregate waste:</p> <ol style="list-style-type: none"> <li>1. Keep separate containers for dry and wet waste in the kitchen.</li> <li>2. Keep two bags for dry waste collection- paper and plastic, for the rest of the household waste.</li> <li>3. Keep plastic from the kitchen clean and dry and drop into the dry waste bin.</li> </ol> <p>The benefits of waste segregation are a huge part of the process of waste management. Generating waste materials is something that is practically unavoidable in the world of today. Segregating and disposing of waste properly will not only reduce the amount of toxins entering the atmosphere but is a way of saving the planet and lives of people.</p> </div> </div> <div> <p><b>Bibliography</b></p> <p>1. Ministry of Housing and Urban Affairs, Government of India, 2016-17 report by the Ministry of Housing and Urban Affairs.</p> <p>2. Ministry of Environment, Forests and Climate Change, Government of India, 2016-17 report by the Ministry of Environment, Forests and Climate Change.</p> </div> </div>
<p>Ceejel Pinto</p>	<div data-bbox="548 1104 1377 1598"> <div> <div> <p><b>What exactly is sewage?</b></p> <p>Sewage is the waste water which is produced in a community of people and can be categorized by volume, toxic/chemical components, physical conditions, etc. This sewage is flows in the water bodies contaminating them and leading to land and water pollution.</p> </div> <div> <p><b>Why sewage treatment is necessary?</b></p> <p>If the sewage is left unchecked and is not treated properly before releasing into the water bodies there can be</p> </div> </div> <div> <div> <p>"Waste to the river" by Daniel Bachhuber is licensed under CC BY-NC-ND 3.0</p> </div> <div> <p>"Hot Raw Sewage" by Trey Batcliff is licensed under CC BY-NC-SA 3.0</p> </div> </div> <div> <p><b>Waste water treatment</b></p> <p>sewage is treated in three phases: primary, secondary and tertiary treatment. Primary treatment is where the solid substances get settles at the bottom which are collected and the lighter substances such as oils, fats which float on the top are scrapped off. In secondary treatment with the help of the aerobic bacteria the waste is broken down. And the last phase which is the tertiary phase acts like a filter where the nutrients and other particles harmful to the ecosystem are drained</p> </div> <div> <p><b>Consequences</b></p> <p>groundwater will be polluted. High risk of diseases. Increase of pollution. Wastage of energy.</p> </div> <div> <p><b>References-</b></p> <p>Mudge, S.M (1964). Retrieved from sciencedirect: <a href="https://www.sciencedirect.com/topics/agricultural-biological-sciences/topics">https://www.sciencedirect.com/topics/agricultural-biological-sciences/topics</a>. Sudhan, H. (2019, april 8). Why is sewage treatment necessary. Retrieved from quara: <a href="https://www.quara.com/why-is-">https://www.quara.com/why-is-</a></p> </div> </div>





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Sanjana Kanguri

### REDUCE WASTE

NAME : SANJANA KANGURI :  
SU190357: SYBSC

**WHAT IS WASTE MANAGEMENT ?**  
Waste management includes the activities and action required to manage waste from its inception.

**REDUCE:** THE BEST TO MANAGE WASTE IS NOT PRODUCE IT. REDUCING MEANS USING FEWER RESOURCES IN THE FIRST PLACE BY REDUCING CONSUMPTION AND BUYING LESS.

**RECYCLE:** RECYCLING EXTRACTS VALUABLE MATERIAL FROM ITEMS THAT MIGHT OTHERWISE BE CONSIDERED TRASH AND TURNS THEM INTO PRODUCTS.

**REUSE:** IT TAKES ECONOMICAL AND ENVIRONMENTAL SENSE TO REUSE PRODUCTS AND SOMETIMES CREATIVITY. RATHER THAN THROWING OUT THINGS REUSE THEM IN BETTER WAY.

**Reduce, Reuse, Recycle!**

One of the bigger reasons to **reduce waste** is to conserve space in our landfills and **reduce** the need to build more landfills which take up valuable space and are a source of air and water pollution. By **reducing** our **waste**, we are also conserving our resources.

REFERENCE: MICHAEL DAVIDSON( AUG, 03, 2018) THE IMPORTANCE OF WASTE MANAGEMENT RETRIVED FROM <https://www.solo.com>  
Paul N. Cheremisinoff ( 2016) waste reduction retrived from <https://www.sciencedirect.com>

Rukaiya Khan

### Sewage treatment

❖ Introduction  
Sewage is the wastewater generated by a community, namely: a) domestic waste water, from bathrooms, toilets, kitchens, etc., b) raw or treated industrial wastewater discharged in the sewerage system, and sometimes c) rain-water and urban runoff. The main components in sewage are suspended solids, soluble organic compounds and fecal pathogenic microorganisms, a variety of chemicals like heavy metals, trace elements, detergents, solvents, pesticides, and other unusual compounds like pharmaceuticals, antibiotics, and hormones can also be detected in sewage. With urban runoff come potentially toxic compounds like oil from cars and pesticides that may reach the treatment plant and, eventually, a water body.

**Classification of sewage**

**Domestic sewage**  
Domestic sewage : It is composed of human waste and waste water resulting from personal washing institutions and other waste products of normal living.

**Industrial Sewage**  
Industrial sewage : These are waste that result from an industrial process or the production or manufacture of goods.

**Sewage treatment**  
Primary treatment – physical separation for removal of bulky solids and oil/grease  
Secondary treatment – bioreactor primarily intended to reduce BOD

Photo by Wikimedia/05April2019

Sources of domestic waste water (Samuel 2005)









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<p>Tanvi Amonkar</p>	
<p>Franzila Crasto</p>	



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<p>Giselle Fernandes</p>	<p>Department of zoology Ways of managing waste. Name: Giselle fernandes Roll no: SU190065 Class: SY.BSc</p>  <p>One can manage waste by reducing the use plastic items such as bottle, plastic bags, etc. and by using reusable bottle, cups, for beverages on-the-go, buy second-hand items, donate used goods and avoid the use of packed item goods.</p> <p>One can manage waste by recycling materials like paper, plastic bottles, tetra packs, cans, and all the other plastic goods</p> <p>One can manage waste by using the biodegradable waste to gain compost which can be very beneficial to the plants as it is a manure to the plants.</p> <p>One can also manage waste by utilising the waste produced into making something creative out of it. For example in the above picture, a bisleri bottle is used in making hanging vases.</p>
<p>Lavina Gama</p>	<p>DEPARTMENT OF ZOOLOGY PREVENTION OF POLLUTION DUE TO MEDICAL WASTE LAVINA GAMA -SYBSC -SU190235</p>  <p>Managing the medical waste disposal is one of the major challenges faced by healthcare field. Medical waste is a waste that contains infectious material generated by healthcare facilities. There are different types of medical waste: biomedical, clinical, healthcare, biohazardous.</p> <p>Medical waste is treated by incineration, autoclaving, microwaving, chemically and biologically. If the waste is not treated properly it can cause several health hazards to the health care employees and general public. These waste can cause diarrhea, infection, allergies. Medical waste is generated by private physician, retail health clinics, hospitals, veterinary and laboratories.</p> <p>Medical waste is any contaminated byproduct generated from medical services. Poor management of medical waste exposes health care workers, patients and general public to infection, toxic effects and increases the environmental pollution.</p> <p>Healthcare waste management can be achieved by proper handling, storing, transporting, treatment and disposal of waste. Raising awareness of the risks pertaining improper disposal of this medical waste amongst people might help to some extent. Support from the government in managing this waste is also needed.</p> <p>Waste generated during treatment, chemicals and infectious waste can cause land and soil pollution. The biomedical waste dumped in low lying areas can contain liquid wastes that can leach into the ground causing ground water pollution.</p>



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Akshay Velguenkar

### SEWAGE WASTE MANAGEMENT [DEPARTMENT OF ZOOLOGY]

Paper- SEC-WASTE MANAGEMENT [2020-2021]

NAME: AKSHAY PRABHU VELGUENKAR  
ROLL NO.: SU2190284  
SYBSC ZOOLOGY

- After treatment, the treated industrial wastewater (or effluent) may be reused or released to a sanitary sewer or to a surface water in the environment.
- minimize wastewater production or to recycle treated wastewater within the production process

**Origin of sewage**

**Composting**

If you're looking for the greenest way of disposing of food waste, composting is the answer. You can pick up a small compost bin to sit in your kitchen to house things like egg shells, coffee grounds, tea bags, potato peels or leftover food on a plate.

**Waste disposal company**

A popular way of getting rid of food scraps is to use a garbage disposal located under your kitchen sink. Call a waste disposal company for more information on having one installed.

**Animals**

If you live in an area where you can keep farm animals like pigs or goats, you'll have very little food waste. Of course, they can't be fed everything, but animals will eat many items that usually end up in the garbage.

When used water is eventually discharged back into natural water as it benefits ecosystems, improving streamflow, nourishing plant life and recharging aquifers, as part of the natural water cycle.

**SEWAGE TREATMENT PLANTS**

Recycled water is used irrigation of gardens and agricultural fields or replenishing surface water and groundwater (i.e., groundwater recharge). Recycled water may also be directed toward fulfilling certain needs in residences (e.g., toilet flushing), businesses, and industry, and could even be treated to reach drinking water standards. This last option is called either "direct potable reuse" or "indirect potable" reuse, depending on the approach.

**REUSE THE PAST, RECYCLE THE PRESENT, SAVE THE FUTURE**

Krutitika Jan

### Department of zoology

### 'Bio-medical Waste Management'

Name: Krutitika Jan, SEC paper: Waste Management Techniques, Year: 2020-21, Class: S.Y.B.Sc., Roll No.: SU190191

**ABSTRACT-** Bio-medical waste pose threat not only to public health but also to the environment. The amount of bio-medical waste is increasing due to different factors such as high population levels, new inventions in the field of medicine, old waste diseases such as Covid-19 virus, deteriorating health of people and demand for large number of interventions and diagnosis. Safe and reliable disposal of waste is of paramount importance to reduce the risk of infection from the waste and its treatment products. In a country like Bio-medical Waste Management (BWM) norms regulate the disposal of waste generated. Globally, greater research in this field is required to develop new techniques for treatment and disposal ways to reduce generation of waste.

**INTRODUCTION**

**What is Bio-medical waste?**  
BWM is any waste, which is generated during the diagnosis, treatment or examination of human beings or animals or in research or in the use of biological or in health camps.

- In the waste generated detrimental?
- 75% waste - Non-infectious whereas 25% waste is hazardous and infectious.

**Characteristics of bio-medical waste-**  
Hospitals, nursing homes, research centres, bio-labs, medical shops and even domestic areas.

- Risk due to bio-medical waste.
- If waste is not disposed after proper treatment it can be seen as major source of pollution, some examples are-
  - Source of soil pollution as the waste near disposal areas and incinerators show presence of heavy metals, indicating change in the chemistry and toxicity of soil.
  - Disposal of waste leads to bad odour, growth and multiplication of insects, pests and viruses which leads to soil-borne of diseases, typhoid and etc.
  - Burning of bio-medical waste releases harmful gases in the environment, affecting the air quality.
  - Lachone from dumps reach out to water bodies, making it unfit to consume.

**Bio-medical waste management**

- As it now it is very clear that if bio-medical waste generated is not released into environment after proper treatment, it will lead to many diseases, not only in humans but also in other components of the environment.
- So proper handling and disposal of bio-medical waste is important, it is the responsibility of every individual involved in the process from generation to disposal.

**MANAGEMENT OF BIO-MEDICAL WASTE**

The only way to cut the generation of pollution generated by bio-medical waste is managing the waste from the point of generation to the treatment and disposal. The major responsibility of the creation is on medical health workers and other hospital and research centre staff but domestic waste can also be a source for the medical waste and this waste should be dealt to them by people.

As any other waste management, reduction in generation of waste, the same is applicable to bio-medical waste. Infectious waste first needs to be disinfectant before any other treatment. Infectious and human waste needs different treatment, rather than disinfection or sterilization. Therefore, segregation plays an important role in waste management.

Another important area that is to minimize the waste generation, to achieve this, steps such as reducing, recycling, reusing separate chemical and pharmaceutical waste management can be taken.

**BWM IS, INDEED, BWM** rules play a very important role in a country regarding waste management. India was one of the first countries to implement BWM rules in the year 1996 amended in 2011, 2013, 2016, 2018.

The quantity of waste produced differs in every country and depends upon health care establishments. In our nation, annually 4.33 tons of bio-medical waste is generated and rate ranges from 0.5-2.8 kg per day per bed. The rate varies different techniques of disposal and treatment according to the composition of bio-medical waste. There were two categories in the first place but now there are three categories. The categories are as follows:

**1. Infectious waste:** Infectious waste is the waste that contains infectious agents such as bacteria, viruses, fungi, etc. This waste is highly contagious and can cause disease.

**2. Anatomical waste:** Anatomical waste is the waste that contains human or animal body parts, organs, tissues, etc. This waste is highly contagious and can cause disease.

**3. Sharps waste:** Sharps waste is the waste that contains sharp objects such as needles, scalpels, etc. This waste is highly contagious and can cause disease.

**4. Pathological waste:** Pathological waste is the waste that contains human or animal body fluids, tissues, etc. This waste is highly contagious and can cause disease.

**5. Pharmaceutical waste:** Pharmaceutical waste is the waste that contains drugs, chemicals, etc. This waste is highly contagious and can cause disease.

**6. Radioactive waste:** Radioactive waste is the waste that contains radioactive materials. This waste is highly contagious and can cause disease.

**7. Cytotoxic waste:** Cytotoxic waste is the waste that contains cytotoxic drugs, chemicals, etc. This waste is highly contagious and can cause disease.

**8. Genotoxic waste:** Genotoxic waste is the waste that contains genotoxic drugs, chemicals, etc. This waste is highly contagious and can cause disease.

**9. Other waste:** Other waste is the waste that contains all other types of waste.

**SIGNIFICANCE AND CONCLUSION**

- The management of bio-medical waste is of paramount importance for avoiding infections and environmental pollution due to it. Effective management is not only a legal necessity but also a moral responsibility.
- The bio-medical waste management practices in a country are guided by bio-medical waste management rules. To have better implementation of rules the health workers should be given proper training.
- The BWM rules stress segregation, packaging and transport should be practiced in a strict manner. This can be followed by proper treatment and disposal methods, such as deep burial, incineration.
- The current scenario of Covid-19 has worsened the situation regarding the bio-medical waste. Masks can be considered as bio-medical waste which needs to be disposed properly.

**REFERENCES**

1. Ministry of Health and Family Welfare, Government of India. (2018). Bio-medical Waste Management and Handling Rules, 2017. New Delhi: Ministry of Health and Family Welfare, Government of India.
2. World Health Organization. (2014). Guidelines for the management of infectious waste. Geneva: World Health Organization.
3. Centers for Disease Control and Prevention. (2018). Biosafety in Microbiological and Biomedical Laboratories (BMBL), 6th Edition. Washington, DC: Centers for Disease Control and Prevention.
4. European Union. (2000). Directive 2000/54/EC on the protection of workers from the risks to health and safety from exposure to biological agents. Luxembourg: European Union.
5. American Society for Microbiology. (2018). Biosafety in Microbiological and Biomedical Laboratories (BMBL), 6th Edition. Washington, DC: American Society for Microbiology.





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Shanaya Phaladesai

**WASTE MANAGEMENT AT HOME**  
SRI PARVATIBAI CHOWGULE COLLEGE OF ARTS AND SCIENCE  
DEPARTMENT OF ZOOLOGY  
PAPER- CAJ SEC WASTE MANAGEMENT 2020-2021

**Types of household waste**

- 1) Liquid waste**  
includes dirty water, waste detergents, organic liquid and also rainwater.
- 2) Solid waste**  
**Plastic waste** - bags, jars, containers, flower pots, bottles, and many other plastic products  
**Paper waste** - newspapers, cardboards, packaging materials, and other products  
**Metals and tins** - packaging tins, utensils,  
**Glass and Ceramics** - serving dishes, glasses, plates, home decors.
- 3) Organic waste** - It includes garden waste, food waste, anything that is biodegradable

**Did you know?**  
The annual value of food wasted globally is \$1 trillion, and it weighs 1.3 billion tonnes

**How does our waste harm the environment?**

- Landfills - the wastes taken by the municipality are dumped into landfills. Sometimes the hazardous substances gets leached down through the layers of soil and pollutes the ground water. Soil pollution is another major impact of landfills.
- Incineration - controlled burning of waste. Many waste items incinerated releases toxic gases into the environment.

**How else can you help?**  
It is responsibility of the citizens and not only of the authorities of the proper disposal of the waste.

- Non - biodegradable needs to be properly segregated before disposal.
- Encourage awareness about proper segregation and disposal, recycle-able waste, composting and re-using among the neighbours

**COMPOSTING**  
Composting is an alternative for organic waste, transforming it into organic fertilizer that can be used as agricultural nutrients, avoiding its disposal in landfills.

composting can be done at various places ranging from your kitchen, balcony, terrace or roof.

- **Segregate your waste** - into dry- newspapers, packaging materials, saw dust, dried leaves and wet waste- peels, leftovers cooked food, rotten vegetables and fruits or used tea powder
- **Select a container** - it can be anything, from a bucket to a normal dustbin or a garden pot.
- **Drill some holes** in the pot for aeration.
- Layer the bottom layer of the pot with dry leaves and soil.
- To maintain the dry waste and wet waste balance, add food waste and wet waste of alternate levels in the pot.
- To aid the process you can use earthworms which you can find outside in your garden.
- **Keep turning your compost** for enough aeration and sprinkle water if the compost gets too dried off.
- Your compost will be ready to use in 1-2 months as manure to healthy growing plants.

**Did you know?**  
By segregating, recycling and composting, a family of 4 can reduce their waste from 1000 kg to less than 100 kg every year.

**Reuse**  
Re-use is a great alternative than just disposing away the unwanted things. One can reuse glass jars to store things, reuse plastic bags, old clothes or toys which is no longer in use can be donated to the needy ones or orphanages.

**Recycle**  
Recycle your newspapers, glass, card boards, metals and any other recycle-able waste.

**Re-create**  
An addition to the 3 R's.  
Re-creating new items from the old unwanted products.  
→ Old corn or plastic bottle can be used as plant holders  
→ old clothes can be used to make cloth bags.

**References**

Reuse the past, Recycle the present, Save the future!

Kushbu Yadav

**Management of Solid Waste**  
Sri Parvatibai Chowgule College of Arts and Science, Dept of Zoology (S.Y)  
BIO SEC-Waste Management Kushboo Devi Yadav- SU190127

**Causes of solid waste pollution are many.**  
Every day tons of solid wastes are disposed of at various landfills. These wastes come from various places such as households, offices, complexes, industrial establishments, construction and demolition activities.

**One of the major causes of solid waste pollution can be attributed to various industries that manufacture numerous products. The actual amount of waste generated may vary by countries.**

**SOLID WASTE MANAGEMENT**

Due to improper disposal of solid waste particularly by waste management organizations, the collected wastes get heap up and become a problem for both the environment and also for the public.

**CONCLUSION:** The most important reason for waste collection is the protection of the environment and the health of the population. Rubbish and waste can cause air and water pollution. Rotting garbage is also known to produce harmful gases.

**REFERENCE:** (Solid waste management) Definition, Methods, Importance, & Types. Encyclopedia Britannica. (2020). Retrieved 2 December 2020. from <https://www.britannica.com/technology/solid-waste-management>

**Solid Waste Management Types with Methods and Its Effects.** BY AJAY. (2020). Retrieved 2 December 2020. from <https://ajay.com/biology/solid-waste-management/>

**Poster Maker**



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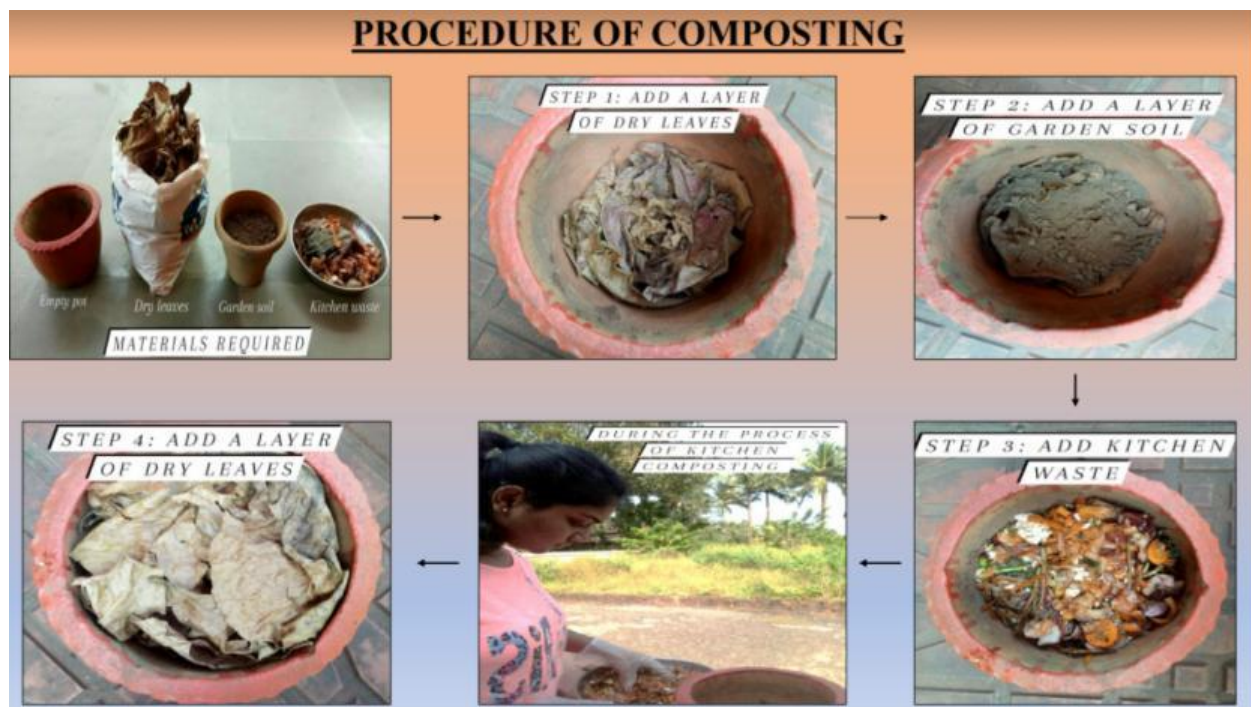
Muskaan Pattedgourder	
Shanaya Antao	
<p><b>ORGANIC COMPOSTING:</b> Organic composting mainly reduces the amount of organic waste generated. It cuts down the usage of chemical fertilizers and is used to remediate soils contaminated by hazardous waste. The students were explained the basic concept of organic composting and were given instructions on how to prepare kitchen compost effectively at home. The main aim of this activity was to encourage the</p>	



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students to use and promote organic composting as an ideal way of managing kitchen waste.







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**HANDMADE PAPER :** As handmade papers are made from recycled papers, it is an effective method of decreasing the amount of waste generated. The use of recycled paper also reduces the number of trees cut down and promotes sustainable development. Handmade paper can be used to make diverse products such as bags, diaries, envelopes, packaging, office accessories and even cards. The students were given instructions on the process of handmade paper and encouraged to create various products using it. The main aim of this activity was to promote recycling paper and reduce the amount of waste generated.



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### PROCEDURE OF MAKING HANDMADE PAPER







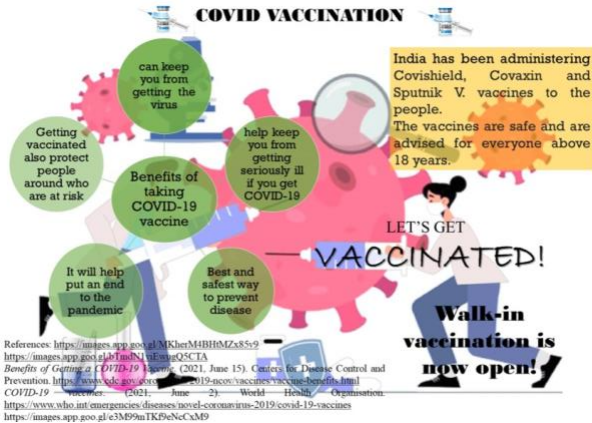




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<b>Title:</b>	<b>Departmental activity</b>	
<b>Date and year:</b>	20/06/2021- 22/06/2021	
<b>Resource person/s:</b>	Department of Zoology	
<b>No. of Participants</b>	31	
<b>Objective:</b>	To sensitise the students on the importance of wildlife, Covid vaccination and wildlife trade.	
<b>Summary of the proceedings</b>	<p>Department of Zoology organised competitions for the students as a part of departmental activity in the month of June from 20-06-2021 to 22-06-2021. Photography, poster and painting competitions were organized, in which 15 students actively participated. The theme of the competitions were ' My backyard wildlife', 'Importance on covid vaccination' and 'wildlife Trade' respectively.</p> <p>Winners of the competitions:</p> <p>Photography Competition: <b>1<sup>st</sup> place:</b> Mr. Akshay Velguenkar- SYBSc  <b>2<sup>nd</sup> place:</b> Ms. Ferzeen Shaikh- TYBSc  <b>3<sup>rd</sup> place:</b> Ms. Antara Poi Raiturkar-TYBSc</p> <p>Painting competition: Best painting: Lizanne Cardozo, SY BSc  E-Poster Competition: Winner:Radha Shirsat - SYBSc</p>	
<b>Photographs</b>	<b>Name of the participant</b>	<b>Photograph</b>
	<b>1<sup>st</sup> place: Mr. Akshay Hanumanth Velguenkar</b>	
	<b>2<sup>nd</sup> place: Ms. Ferzeen Shaikh</b>	

	<p><b>3<sup>rd</sup> place:</b> <b>Ms. Antara</b> <b>Poi</b> <b>Raiturker</b></p>	
	<p><b>Painting competition:</b> <b>Winner</b> <b>Lizanne</b> <b>Cardozo-</b> <b>SYBSc</b></p>	
	<p><b>E-poster Competition:</b> <b>Winner</b> <b>Radha</b> <b>Shirsat-</b> <b>SYBSc</b></p>	



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<b>REPORT OF FACULTY PARTICIPATION</b>	
<b>Title:</b>	'Bird Walk'
<b>Date and year:</b>	05 <sup>th</sup> to 07 <sup>th</sup> February 2021
<b>Organising Committee</b>	Goa Forest Department
<b>No. of Participants</b>	25
<b>Objective</b>	To expose students to various birds found at carambolim and maina Curtorim.
<b>Summary of the proceedings</b>	Dr. Nandini Vaz Fernandes and Mr. Stephen Dias, Department of Zoology coordinated the 'Bird Walk' organised by Goa Forest Department from 05 <sup>th</sup> to 07 <sup>th</sup> February 2021. Bird walks were conducted at two sites viz. Carambolim Lake and Curtorim-Raia Lake (Maina-Curtorim Wetland Complex). Mr. Stephen Dias, Ms. Gautami Manakikar, Ms. Prasanna Naik Gaonkar and Ms. Pratibha Tripathi conducted the birdwalks for the general public on behalf of the forest department.
<b>Photographs</b>	
	



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<b><u>REPORT OF FACULTY PARTICIPATION</u></b>	
<b>Title:</b>	Pre-Bird Festival Webinars'
<b>Date and year:</b>	29 <sup>th</sup> to 31 <sup>st</sup> January 2021
<b>Organising Committee</b>	Goa Forest Department
<b>Resource person:</b>	Dr. Nandini Vaz Fernandes Parag Ragnekar Amit raj Golda DaCosta Shalma Mascarenha Pronoy Baidya Jalmesh Karapurkar
<b>No. of Participants</b>	60
<b>Objective</b>	To understand the biodiversity conservation-prospects and challenges
<b>Summary of the proceedings</b>	Dr. Nandini Vaz Fernandes, Associate Professor, Department of Zoology was invited as a resource person by Forest Department, Govt. of Goa, for the 'Pre-Bird Festival Webinars' organised from 29 <sup>th</sup> to 31 <sup>st</sup> January 2021. Her session on "Introduction to Birdwatching" was the opening session of the Pre-bird festival, which was live streamed for general public all over Goa. The Pre-Bird Festival was organised by Forest department as an initiative to create awareness on the importance of bird conservation and to share the knowledge of various birds and their role in the environment and the benefits of birding



## Photographs



Goa Forest Department

Presents

## Pre-Bird Festival Webinars

29 Jan- 01 Feb 2021



Dr. Nandini Vaz Fernandes  
An Introduction to Birdwatching  
29 Jan-15:30-16:30



Parag Rangnekar  
Bird Diversity of Goa and its  
potential as a bird tourism hotspot  
29 Jan-16:30-17:30



Shalma Mascarenhas  
Endemic Birds of Western Ghats  
in Goa  
30 Jan-15:30-16:30



Amit Raj  
Birds in Reels  
30 Jan-16:30-17:30



Pronoy Baidya  
Birding for a Better Tomorrow  
31 Jan-16:30-17:30



Golda D'Costa  
Wetland Birds of Goa  
01 Feb-15:30-16:30



Jalmesh Karapurkar  
Denizens of the Night: Night  
Birds of Goa  
01 Feb-16:30-17:30

Image: Colleen O'Dell



Goa Forest Department

Presents

## Pre-Bird Festival Webinars

29 January 2021



Dr. Nandini Vaz Fernandes  
An Introduction to Birdwatching  
15:30-16:30



Parag Rangnekar  
Bird Diversity of Goa and its  
potential as a bird tourism hotspot  
16:30-17:30

Live Streaming on



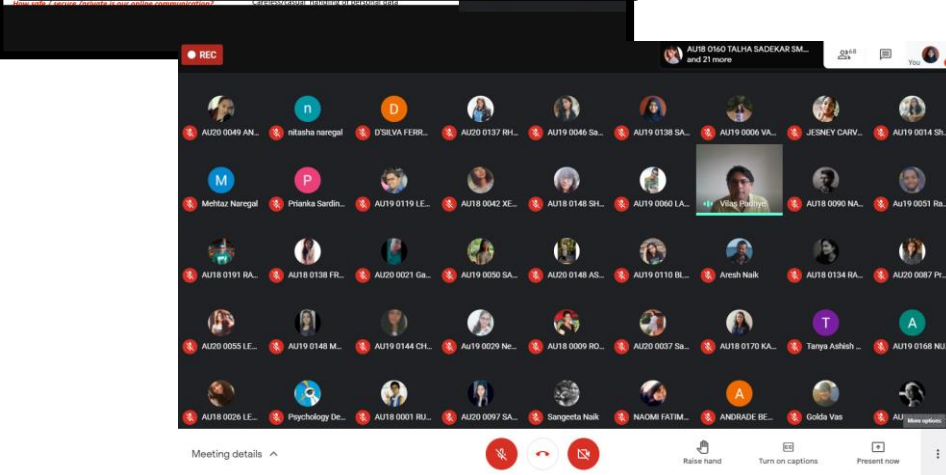
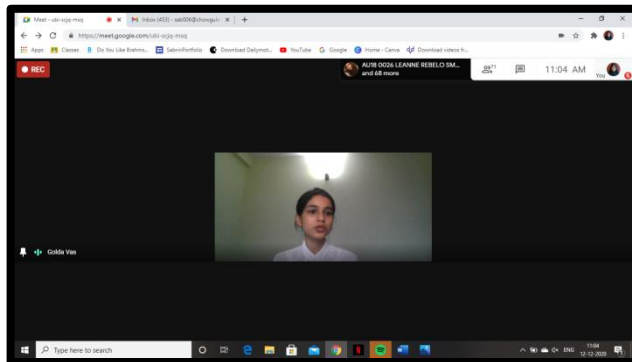
<https://www.facebook.com/100180528770151/live/>

Image: Colleen O'Dell

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE (AUTONOMOUS) -  
GOGOL, MARGAO-GOA  
DEPARTMENT OF PSYCHOLOGY**

<b>REPORT OF</b>	
<b>Title:</b>	<b>DISCUSSION FORUM on #Downloading Relationships: Navigating a Private Affair</b>
<b>Date and year:</b>	12 <sup>th</sup> December, 2020
<b>Venue:</b>	Google Meet
<b>Resource person/s:</b>	Dr. Vilas Padhye : Associate Professor – Psychology, Elphinstone College, Mumbai Ms. Sangeeta Naik : IT Professional Ms. Seoula Vas : Advocate
<b>Organising Committee</b>	Department of Psychology
<b>No. of Participants</b>	73
<b>Objective:</b>	<ul style="list-style-type: none"> <li>● To sensitize people about various issues related to human behaviour</li> <li>● To provide a platform for expert speakers from different fields, on topics of interest</li> <li>● To provide a multitude of perspectives on contemporary topics of discussion, to students of psychology in the department</li> </ul>
<b>Summary of the proceedings</b>	<p>The department of Psychology held a discussion forum on December 12<sup>th</sup> 2020, on the topic #DownloadingRelationships –Navigating a Private Affair through Google meet. The event aimed at creating an open discussion for online relationships and our reliance on it for a sense of belongingness. The discussion forum had a panel of experts, Dr Vilas Padhye, Ms Sangeeta Naik and Advocate Seoula Vas who spoke on the mental, technical and legal aspects of the topic respectively. The event was hosted by Ramya Warriar of TYBA.</p> <p>The discussion forum began with an address from the speakers who spoke about the various aspects of online relationships touching upon several factors that contribute to the vulnerability and dependence on the internet. Dr Padhye, spoke on the mental aspects that bring about this need, from several psychological perspectives like evolutionary perspective and neurological perspective and how humans are hard wired to enjoy a false sense of security. The following speaker, Ms Naik spoke about the internet as a whole and how we need to be careful about everything we put on the internet and how vulnerable we truly are online. The last speaker for the day, Advocate Vas, spoke on the legal terms and explanations for what to do if you find yourself in trouble online and how to deal with these issues with our current justice system. After the speakers gave their address, the forum was open for discussion wherein the students interacted with the speakers on several topics like, how the cyber cell can act, the privacy between spouses, the protection of encrypted data, cyber bullying and the concept of digital pre-nuptial agreement, usage of different accounts and coverage of law in terms of consent.</p>

## Photographs





<b>REPORT OF TALK BY Ms. KELLY NORONHA</b>	
<b>Title:</b>	<b>‘IDPD 2020- A Psychological Perspective’</b>
<b>Date and year:</b>	03rd December 2020.
<b>Venue:</b>	Online Mode – Google Meet
<b>Resource person/s:</b>	1. Ms. Kelly Noronha - Psychologist
<b>Organising Committee</b>	The Psychology Forum, Department of Psychology
<b>No. of Participants</b>	50
<b>Objective:</b>	<p>The objective of the Talk was to:</p> <ol style="list-style-type: none"> <li>1. Create awareness on persons with disabilities.</li> <li>2. Building sensitivity among students.</li> </ol>
<b>Summary of the proceedings</b>	<p>The Psychology Forum, Department of Psychology, at Parvatibai Chowgule College of Arts &amp; Science, Autonomous, organised an online social outreach programme to commemorate ‘International Day of Persons with Disabilities’ on 3rd December 2020. This session aimed at creating awareness and building sensitivity towards this topic among students. On this occasion, psychologist Kelly Olive Noronha was invited to deliver a talk on the theme ‘IDPD 2020- A Psychological Perspective’.</p> <p>She began by speaking about the everyday challenges faced by persons with disabilities, especially during COVID-19 times. She emphasised on the importance of how the society should treat them as equals rather than showing sympathy. She spoke of the incorrectness of societal reactions to persons with disabilities and how children should be taught to celebrate differences right from a young age. The</p>

	students also interacted with the speaker and spoke of ways in which they can create a difference and make this world a more inclusive place.
<b>Photographs</b>	



**THE PSYCHOLOGY FORUM  
PRESENTS,**

**Social outreach programme  
to commemorate**

**INTERNATIONAL DAY OF PERSONS  
WITH DISABILITIES**

**To mark this day, we invite you all to to be a part of  
an enriching talk by**



**Ms. Kelly Olive Noronha**

**Psychologist**

Resource Person for the session

**DEC. 3RD • 4:00 PM ONWARDS**

● REC



AU18 0134 R...



AU18 0001 R...



SUBHIKSHA ...



Sobita Kirtani



AU19 0138 S...



AU18 0042 X...



AU20 0102 S...



AU19 0119 L...



AU19 0143 ...



Michele Cras...



AU20 0020 G...



AU18 0170 K...



AU18 0014 O...



AU20 0069 T...



AU18 0160 T...



DIAS CHRYS...



AU20 0056 S...



AU18 0084 S...



Au19 0051 R...



AU18 0028 J...



Au19 0029 N...



AU18 0026 L...



AU20 0025 K...



AU18 0090 N...



Au19 0021 R...



AU18 0012 N...



ANDRADE BE...

IDPD Social... ^



Raise hand

Turn on captions

Present now





REC



kelly noronha is presenting



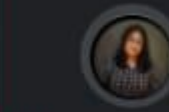
Golda Vas  
and 35 more

Show

# IDPD 2020

## -A psychological perspective

—  
Ms. Kelly Noronha  
(Psychologist)



kelly noronha



AU18 0001



Sobita Kirtani



FERNANDES



PENDSE JAN...



AU20



IDPD Social Outreach Programme ^



Raise hand

Tu

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**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE**

**(AUTONOMOUS) –GOGOL, MARGAO-GOA**

**DEPARTMENT OF ENGLISH**

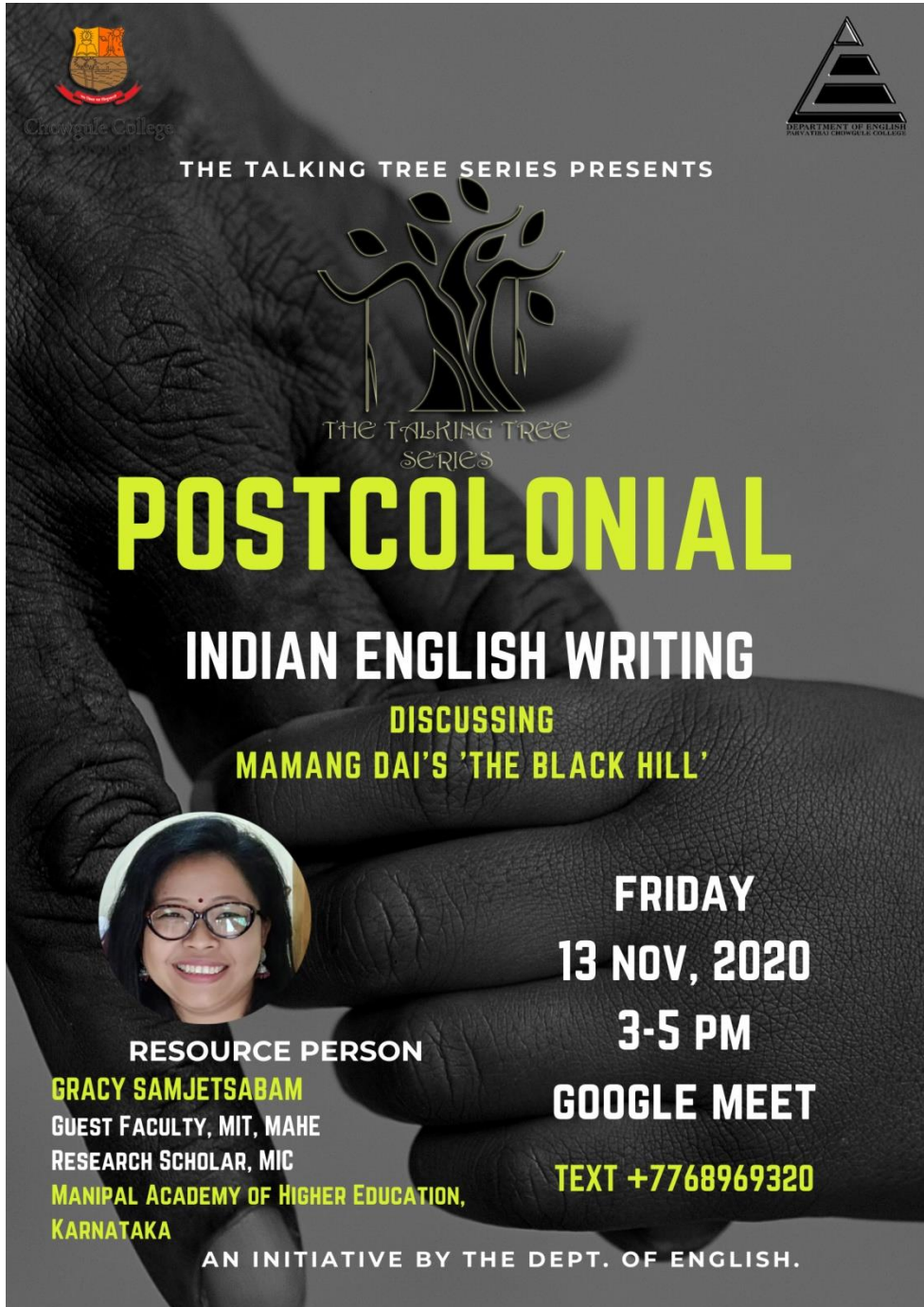
**(Highlight the appropriate: Workshop/ ~~Conference~~/ ~~Seminar~~/ ~~Industry Academia~~/ Extension activity)**


**(Highlight the appropriate for Community outreach: Social service in terms of impact and sensitizing students to social issues of gender/ hygiene/ nutrition/ domestic violence/ environment/ community assistance etc)**


<b>REPORT OF ‘Postcolonial Indian English Writing: Discussing Mamang Dai’s <i>The Black Hill</i>’ by Gracy Samjetsabam’</b>	
<b>Title</b>	‘Postcolonial Indian English Writing: Discussing Mamang Dai’s <i>The Black Hill</i> ’ by Gracy Samjetsabam.
<b>Date and year:</b>	13 Nov 2020
<b>Venue:</b>	Off-campus and Google Meet
<b>Resource person/s:</b>	Gracy Samjetsabam, (Guest faculty, Manipal Institute of Technology and a Research Scholar at MIC, Manipal Academy of Higher Education, Karnataka)
<b>Organising Committee</b>	Ms. Delilah Pacheco (Asst. Professor, Dept. of English)
<b>No. of Participants</b>	38 participants
<b>Objective:</b>	1. Offer students the opportunity of interacting with the guests in close quarters 2. To foster an understanding of the process and source of literature production
<b>Summary of the proceedings</b>	<p>On 13 Nov 2020 at 3 pm, the Department of English organised a Talking Tree Series lecture on ‘Postcolonial Indian English Writing: Discussing Mamang Dai’s <i>The Black Hill</i>’ by Gracy Samjetsabam.</p> <p>Gracy Samjetsabam, is a guest faculty at Manipal Institute of Technology and a Research Scholar at MIC, Manipal Academy of Higher Education, Karnataka. The lecture was conducted online and was attended by 38 participants. Of these 34 were students from the Undergraduate and Postgraduate courses, and 04 were faculty from the college. The lecture lasted 2 hours and ended with a question and answer session with the guest about North Eastern literature. The speaker addressed the definition of Indian</p>

Postcolonial literature, the women writing from the North East and explained certain excerpts from Mamang Dai's *The Black Hill*. Faculty coordinator: Assistant Professor Delilah Pacheco.


### Photographs



 Chowgule College

 DEPARTMENT OF ENGLISH  
POWATILU CHOWGULE COLLEGE


THE TALKING TREE SERIES PRESENTS

 THE TALKING TREE  
SERIES

# POSTCOLONIAL

## INDIAN ENGLISH WRITING

DISCUSSING  
MAMANG DAI'S 'THE BLACK HILL'



RESOURCE PERSON  
**GRACY SAMJETSABAM**  
GUEST FACULTY, MIT, MAHE  
RESEARCH SCHOLAR, MIC  
MANIPAL ACADEMY OF HIGHER EDUCATION,  
KARNATAKA

FRIDAY  
13 NOV, 2020  
3-5 PM  
GOOGLE MEET  
TEXT +7768969320

AN INITIATIVE BY THE DEPT. OF ENGLISH.



**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) - GOGOL, MARGAO-GOA  
DEPARTMENT OF ENGLISH**

<b>REPORT OF ' Drafting With the Intent to Publish' with Arpita Das' (15 hour Certificate Course)</b>	
<b>Title:</b>	<b>Drafting With the Intent to Publish' with Arpita Das'</b>
<b>Date and year:</b>	05 APRIL 2021 – online session
<b>Venue:</b>	ONLINE
<b>Resource person/s:</b>	Arpita Das – Yoda Press Publisher
<b>Organising Committee</b>	DEPT OF ENGLISH, Asst. Prof. Delilah Pacheco
<b>No. of Participants</b>	36 participants
<b>Objective:</b>	To give students hands-on experience in publishing their works
<b>Summary of the proceedings</b>	The 15 hour certificate course was organized with Yoda Press founder and publisher Ms. Arpita Das to give students the know how in publishing works that they write. This was in continuation of our previous certificate course in Creative Writing. The online session was part of the 15 hour interactive certificate course managed through our LMS.

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**Photographs**

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) - GOGOL, MARGAO-GOA  
DEPARTMENT OF ENGLISH**

<b>REPORT OF ‘ The Talking Tree Series: Creators &amp; Comics: Behind the scenes with Comixense with Orijit Sen &amp; Francesca Cotta (Editors -Comixense), Mohd Salman (Author), Rai (Artist)’</b>	
<b>Title:</b>	<b>The Talking Tree Series: Creators &amp; Comics: Behind the scenes with Comixense</b>
<b>Date and year:</b>	20 June 2021
<b>Venue:</b>	ONLINE
<b>Resource person/s:</b>	<b>Orijit Sen &amp; Francesca Cotta (Editors -Comixense), Mohd Salman (Author), Rai (Artist)</b>
<b>Organising Committee</b>	DEPT OF ENGLISH, Asst. Prof. Delilah Pacheco
<b>No. of Participants</b>	25 students + 2 Faculty
<b>Objective:</b>	To give students a look behind how ComixSense a comics Magazine runs and the creative work of creating a comic
<b>Summary of the proceedings</b>	The 2 hour interactive session with the editors and artists of ComixSense India's first Comics Magazine was organized by Asst. Prof. Delilah Pacheco. The resource persons had an indepth discussion with students of Visual Literature and others who were interested in the creation of comics.
<b>Photographs</b>	



Classes x Updated invitation: 'Creators & Comics: Behind the Scenes with Comix...' x Parvatibai Chowgule College of Arts & Commerce x Meet - 'Creators & Comics: Behind the Scenes with Comix...' x legendarium - Google Search x

meet.google.com/fff-pcpx-vvb?authuser=0

REC



Orijit Sen

3:15 PM | 'Creators & Comics: Behind the Scenes with Comix...'

In-call messages

You 3:12 PM  
yes we can hear you

AP19 3103 Luis Carlos MA Eng 3:12 PM  
yes audible

You 3:12 PM  
does the artist also have drafts?  
like how a writer would have?  
in terms of use of colour/ etc

You 3:13 PM  
yesss. framing!

AU19 0041 MEGAN EMILIA MARTINS SM English 3:14 PM  
how do you decide what you want a character to look like?

You 3:16 PM  
absolutely!! the art of collaboration is a little unique in comics creation...


AU20 0066 SARAH LOBO DM Eng Hist 3:17 PM  
uuuu, yea giving everybody their moment

Send a message to everyone

Classes x Search results - asb002@chow... x Meet - 'Creators & Comics: Behind the Scenes with Comix...' x legendarium - Google Search x Halant eReader x daniel clowes - Google Search x

meet.google.com/fff-pcpx-vvb?authuser=0

REC



Deblina Dasgupta

Mohd Salman

rai

Orijit Sen

Francesca Gotta

AP19 3103 Luis Carlos MA Eng

Andrew Barreto

AU19 0041 MEGAN EMILIA MARTINS SM English

AU19 0021 RYLE FAUSTINO SM English

AU20 0055 LENZIE REBELO SM English

AU20 0021 Gautami Devid...

AU20 0059 GERIANNE GE...

AU20 0053 SHANIA MARIA...

AU20 0033 SMRITI TAMAN...

AU19 0059 SNEHA KINI SM English

AU18 0059 Mithila Sinhal Tal...

SU20 0026 Shreyya Rao SM English

AU19 0045 VINIKA VISH D...

AU20 0066 SARAH LOBO DM Eng Hindi

AU20 0144 Simone Cavass...

S. C. JASHMI

AU20 0061 Ritael Rebello SM Eng

AU19 0010 KASHISH MEHTA SM ENG

AU19 0025 Kanaka Dossal SM English

AU18 0076 Rukma Kanolkar DM Eng Hindi

Nidhi S. Kamat

Chat with everyone

5:04 PM | 'Creators & Comics: Behind the Scenes with Comix...'



**Parvatibai Chowgule College of Arts and Science**  
**Autonomous**

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle)  
Best affiliated College-Goa University Silver Jubilee Year Award

<b>REPORT OF PRERNA DIWAS</b>	
<b>Title:</b>	Prerna Diwas Activities by Dean- Faculty of life Sciences
<b>Date and year:</b>	27 <sup>th</sup> February 2021.
<b>Organising Committee</b>	Dean- Faculty of life Sciences
<b>No. of Participants</b>	120
<b>Summary of the proceedings</b>	<p>As part of the 'Prerna Diwas'- National Science Day celebration, , the Dean-Faculty of Life Sciences, in collaboration with the HODs and Faculty members of all Life Science departments organised various activities. E-poster competitions such as Discovery Galley-Pride of India, Innovation Idea Competition, Scientoons, photography competition and quiz were held for the students of the life science departments with an objective to spread the message of importance of science and promote scientific temper. To mark the celebration of National Science day, a webinar was organized for the faculty and students of Life Science Departments on the topic 'Tissue Engineering" on 27<sup>th</sup> February 2021.</p> <p>Activities organised and prize winners are listed below:</p> <p><i>Discovery Gallery-Pride of India:</i> A poster competition on Discovery gallery focussed on Indian scientist, their discovery and a brief on how it impacted our lives.</p> <p><i>Winners:</i></p> <p><i>First place:</i> Ms. Aransha Rodrigues, FYBSc, Department of Zoology</p> <p><i>Second place:</i> Ms. Melisha Cardozo, SYBSc, Department of Biotechnology</p> <p><i>Third place:</i> Ms. Shreya Naik, TYBSc, Department of Zoology</p> <p><i>Innovation Idea Competition: Theme-Mitigating Climate Change:</i> Climate change mitigation refers to efforts to reduce or prevent</p>

emission of greenhouse gases. This competition encouraged students to present a promising idea for combating climate change.

*Winners:*

*First place: Ms. Melisa Cardozo, SYBSc, Department of Biotechnology*

*Scientoons: Theme-Self-reliance (Atmanirbhar) or Waste Managament:* This competition was focused on testing the ability of the students to convey a message through cartoons about self-reliance and waste management in simple and interesting way.

*Winners:*

*First place: Ms. Selcea SaviaD'costa, TYBSc, Department of Biotechnology*

*Second place: Ms. Abigail Sacrafamilia, TYBSc, Department of Zoology*

*Third place: Ms. Maria Scimran Da Costa, TYBSc, Department of Biotechnology*

*Photography Competition:* For the life science students, a photography competition was organised on the theme 'Science in everyday life'.

*Winners:*


*First place: Ms. Rukaiya Khan , SYBSc, Department of Zoology*

*Second place: Ms. MelitaRebello, SYBSc, Department of Biochemistry*

*Third place: Ms. SangitaHalder, FYBSc, Department of Biochemistry*

*Quiz:* The main objective of this activity was to encourage the students to look beyond textual knowledge in the field of life science. A total of 57 students participated for the quiz.

## Photographs



Parvatibai Chowgule College of Arts & Science (Autonomous)  
Accredited by NMAC with Grade 'A' (CGPA of 3.41 on a 4 point scale)  
Best Affiliated College/Institution University, Silver Jubilee Year Award

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# PRERNA DIWAS- NATIONAL SCIENCE DAY 2021

*"Future of STI: Impacts on Education, Skills and Work"*

**Organised By**  
**DR. NANDINI VAZ FERNANDES**  
DEAN-FACULTY OF LIFE SCIENCES


To Commemorate the National Science Day celebrated annually on 28<sup>th</sup> February, the following activities are organised for the students of faculty of Life Sciences.

**Open to students of Faculty of Life Sciences**

**Competitions:**

1. Discovery Gallery – Pride of India
2. Innovative Idea Competition
3. Scientoons
4. E-Poster Competition
5. Quiz – Know more.

**Objective:** To spread the message of importance of Science and promote scientific temper.





Page 4 of 7

**Competition 2**

## Innovation idea competition: Theme- 'Mitigating Climate Change'

**Climate Change Mitigation** refers to efforts to reduce or prevent emission of greenhouse gases. **Mitigation** can mean using new technologies and renewable energies, making older equipment more energy efficient, or **changing** management practices or consumer behavior.

Present a promising idea for combating climate change:

**GUIDELINES**

- Number of entries per participant: 01
- Prepare e-poster on powerpoint
- Single page portrait format
- Font size: Title: 28/30
- Content : 16
- Slide size: A4
- Submission details: PNG file, email to [zoology@chowgules.ac.in](mailto:zoology@chowgules.ac.in)

**SUBMISSION DATE:**  
25<sup>th</sup> February 2021

Please write your full name, class and your department in the submission email.

**For queries contact event Coordinators:**  
Ms. Tessa Vaz, Ms. Prasanna Naik Gaonkar, Mr. Stephen Dias  
Asst. Professors, Department of Zoology  
[tjv003@chowgules.ac.in](mailto:tjv003@chowgules.ac.in) / [pun005@chowgules.ac.in](mailto:pun005@chowgules.ac.in) / [sjd006@chowgules.ac.in](mailto:sjd006@chowgules.ac.in)

**Competition 3**

## SCIENTOONS

**Theme: 'Self-reliance (Atmanirbhar)' OR  
'Waste management'**

A cartoon is a pictorial display of a discussion, event or idea depicted with the help of a single picture. Short and simple cartoons have been very well accepted since their inception. Conveying a message with an acceptable satire gains the attention of the reader much faster than any other available form of readable communication.

**OBJECTIVE:** test the ability of the students to Convey a message or provide information through cartoons about new researches, subjects and concepts in a simple, understandable and interesting way

**How to create a scientoon?**

- On an A4 sheet, you need to write your **Full name** and **Class** on the left hand side top corner with **Blue or Black Pen**.
- A **short write-up** of not more than **50 words** on the theme on left side along with the **'Reference Link for the source of information'**.
- Pictorial scientoon** on the theme should be on the right side followed by a **humour** on the theme using sketch pens/ pencil colours/ crayons/ water colours, etc.

**Submission details:** PNG file, email to [zoology@chowgules.ac.in](mailto:zoology@chowgules.ac.in)  
Please write your full name, class and your department in the submission email.




**SUBMISSION DATE:**  
25<sup>th</sup> February 2021

**For queries contact event Coordinators:**  
Ms. Vallanka Dias and Ms. Madhavi Motankar  
Asst. Professors, Department of Biotechnology  
[vad006@chowgules.ac.in](mailto:vad006@chowgules.ac.in) / [mmm009@chowgules.ac.in](mailto:mmm009@chowgules.ac.in)

Page 6 of 7

**Competition 4**

## PHOTOGRAPHY COMPETITION

On the occasion of  
Prerna Diwas, National  
Science Day

Send in your entries to  
[zoology@chowgules.ac.in](mailto:zoology@chowgules.ac.in)

**SUBMISSION DATE:**  
25<sup>th</sup> February 2021

Theme of the contest  
**'SCIENCE IN EVERYDAY LIFE'**

PHOTOGRAPHY CONTEST  
ORGANIZED BY THE DEPARTMENT OF  
BIOCHEMISTRY  
FACULTY OF LIFE SCIENCES,  
PARVATIBAI CHOWGULE COLLEGE OF ARTS AND  
SCIENCE

EVERY STUDENT IS ALLOWED ONE PHOTOGRAPH ENTRY  
THE PHOTOGRAPH ENTRY SHOULD BE ACCOMPANIED BY A CAPTION  
PHOTOGRAPH SHOULD DEPICT THE THEME MENTIONED ABOVE  
PHOTOGRAPHS SHOULD BE SENT IN JPG, JPEG, PNG ONLY

**For queries contact event Coordinators:**  
Ms. Sarah Mesquita, Dr. Supriya Khorjuvankar, Dr. Aduja Naik  
Asst. Professors, Department of Biochemistry  
[stm009@chowgules.ac.in](mailto:stm009@chowgules.ac.in) / [snp002@chowgules.ac.in](mailto:snp002@chowgules.ac.in) / [adn008@chowgules.ac.in](mailto:adn008@chowgules.ac.in)

**Activity 5**

## QUIZ

**OBJECTIVE:** To encourage the students to look beyond textual knowledge on the occasion of National Science Day.

**FOCUS:** The quiz will be held for students of Life Science departments of Parvatibai Chowgule College of Arts and Science (Autonomous). The main focus is to promote and improve the general knowledge in the field of life sciences and build the students' soft skills.

**QUIZ DATE:**  
24<sup>th</sup> & 25<sup>th</sup> February 2021

**INSTRUCTIONS:**

- The link for the quiz will be open for two days, **24<sup>th</sup> and 25<sup>th</sup> February, 2021** till 11.59 pm.
- Only one response to be submitted by each student.
- Students scoring 60% and above will be eligible for an e-certificate.
- The details asked have to be filled correctly by the student.

**LINK:** <https://forms.gle/TeX66dSgxtp8gECU7>

**For queries contact event Coordinators:**  
Ms. Divyarani Revankar and Ms. Jocelyn Makasare  
Asst. Professors, Department of Botany  
[dsr002@chowgules.ac.in](mailto:dsr002@chowgules.ac.in) / [jem002@chowgules.ac.in](mailto:jem002@chowgules.ac.in)

## MESSAGE FROM



**DR. NANDINI VAZ FERNANDES**  
DEAN- FACULTY OF LIFESCIENCES

Dear Students of Faculty of Life-Sciences,

These competitions are organized by the faculty of life science departments especially for you on 'Purna Diwas day' at our College organized to commemorate the National Science day.

I wish you all the best to demonstrate your creativity and talent with scientific approach. The first three best entries for the competitions will be awarded prizes.

All are requested to attend a webinar, organized for you on "Novel Scaffolds for Tissue Engineering" on Google meet at 10.00am on 27<sup>th</sup> February 2021. The session will be followed by declaration of Prize winners of all the events.

## Competition 1

# "DISCOVERY GALLERY - PRIDE OF INDIA"

## E-POSTER COMPETITION

### WHAT YOU NEED TO DO.....

Prepare 'E-poster' - should contain Photograph of Indian scientist, his/her important discovery, image depicting the same, and brief on how it impacted our lives.

## SAMPLE

 <p><b>C. V. Raman</b></p> <p><b>Discovery...</b> C.V. Raman was awarded the 1930 Nobel Prize in Physics for his discovery of the Raman effect, in which light that passes through a material is scattered and the wavelength of the scattered light is changed because it has caused an energy state transition in the material's molecules.</p>	<p><b>KNOW MORE</b> DR. C.V. RAMAN, Chandrasekhara Venkata Raman was an Indian physicist known mainly for his work in the field of light scattering. With his student K. S. Krishnan. He was born on 7th November 1888, Tiruchirappalli.....</p> <p><b>Impact on our lives....</b> Raman effect gave birth to the field of Raman spectroscopy, which has extensive applications around the globe, and across fields. It can help in determining chemical bonding structures, characterise materials, determine temperature, find out crystalline orientation, identify pharmaceutical chemicals, discover counterfeit drugs, identify pigments in old paintings and historical documents, and detect explosives using lasers from a distance.....</p> <p><b>TAG LINE:</b></p>
--	---

### GUIDELINES:

Number of entries per participant:01  
Size of the poster: A4  
Submission details: PNG file, email to [zoology@chowgules.ac.in](mailto:zoology@chowgules.ac.in)  
Please write your full name, class and your department in the submission email.

**SUBMISSION DATE:**  
25<sup>th</sup> February 2021

**For queries contact event Coordinators:**  
**Ms. Gautami Manakikar ,Ms. Madhu Balekai and Ms. Pratibha Asst. Professors, Department of Zoology**  
[mpb006@chowgules.ac.in](mailto:mpb006@chowgules.ac.in) / [gnm003@chowgules.ac.in](mailto:gnm003@chowgules.ac.in) / [prt003@chowgules.ac.in](mailto:prt003@chowgules.ac.in)



Parvatibai Chowgule College of Arts and Science  
Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle)  
Best affiliated College-Goa University Silver Jubilee Year Award

<b><u>REPORT OF MANGROVE DAY CELEBRATION</u></b>	
<b>Title:</b>	Mangrove day Celebration
<b>Date and year:</b>	26 <sup>th</sup> July 2021
<b>Resource person</b>	Department Of Zoology
<b>Organising Committee</b>	Department of Zoology And Mangrove Society of India
<b>No. of Participants</b>	15
<b>Objective</b>	To spread awareness on the importance of mangrove diversity.
<b>Summary of the proceedings</b>	<p>Department of Zoology organised competitions for the students on the occasion of World Mangrove Day on 26<sup>th</sup> July, 2021 in association with Mangrove Society of India. Slogan writing, Elocution competition and photography competition were organized for students of BSC Zoology.</p> <p>Winners of the competitions:</p> <ol style="list-style-type: none"><li><b>Slogan Competition:</b> The theme of the competitions was "Conservation of Mangrove ecosystem". Best slogan: Ms. Shanaya Phal Desai – SYBSc Zoology</li><li><b>Elocution competition:</b> <b>Topic:</b> 1. Threats to mangrove ecosystem. 2. Importance of Mangrove. 3. Issues and challenges of mangrove conservation. Best elocution: Ms. Shanaya Phal Desai – SYBSc Zoology</li><li><b>Photography Competition:</b> Theme "Mangrove Fauna" Best photograph: Ms Antara Poi Raiturker- TYBSc Zoology</li></ol>
<b>Photographs</b>	



**DEPARTMENT OF ZOOLOGY**  
**IN ASSOCIATION WITH**  
**MANGROVE SOCIETY OF INDIA**

**MANGROVE DAY CELEBRATION-2021**

# SLOGAN WRITING COMPETITION

**THEME: CONSERVATION OF MANGROVE ECOSYSTEM**

1. Number of entries per participant: 01
2. The slogan must illustrate and emphasize on the theme.
3. The entries must be submitted in A3 size paper.
4. The slogan must be short, creative and original.

LAST DATE OF SUBMISSION: 24<sup>TH</sup> JULY 2021  
SUBMIT THE SLOGAN AS A SOFT COPY TO ZOOLOGY@CHOWGULES.AC.IN



**Parvatibai Chowgule College of Arts & Science (Autonomous)**  
Accredited by UAC with Grade 'A' (COP of 1.00 on a 4 point scale)  
Best Affiliated College-Care University, Silver Jubilee Year Award



**DEPARTMENT OF ZOOLOGY**  
**IN ASSOCIATION WITH**  
**MANGROVE SOCIETY OF INDIA**

**MANGROVE DAY CELEBRATION-2021**

## PHOTOGRAPHY COMPETITION

**THEME: MANGROVE FAUNA**

1. NUMBER OF ENTRIES PER PARTICIPANT: 01
2. SIZE OF THE PHOTOGRAPH: A4 (PORTRAIT/LANDSCAPE SHOTS ACCEPTED)
3. ADD A SUITABLE CAPTION FOR THE PHOTOGRAPH BASED ON THE THEME.

LAST DATE OF SUBMISSION: 24<sup>TH</sup> JULY 2021



**Parvatibai Chowgule College of Arts & Science (Autonomous)**  
Accredited by NAAC with Grade 'A' (CGPA of 3.4) on a 4 point scale  
State Affiliated College Cum University, Silver Jubilee Year Award



DEPARTMENT OF ZOOLOGY  
IN ASSOCIATION WITH  
MANGROVE SOCIETY OF INDIA

**MANGROVE DAY CELEBRATION-2021**

# ELOCUTION COMPETITION

1. Make a video on any one topic from the list mentioned.
2. Video should not exceed 01 minute.
3. The video can be in English/Konkani/Marathi.

LAST DATE OF SUBMISSION: 24<sup>TH</sup> JULY 2021  
SUBMIT THE VIDEO TO ZOOLOGY@CHOWGULES.AC.IN

**TOPICS:**

1. THREATS TO MANGROVE ECOSYSTEM
2. IMPORTANCE OF MANGROVES
3. ISSUES AND CHALLENGES OF MANGROVE CONSERVATION





## **Report: ‘6<sup>th</sup> International Day of Yoga 21<sup>st</sup> June 2020’**

N.S.S. unit of Parvatibai Chowgule College of Arts and Science, Autonomous organized an online session via Google meet, on 20<sup>th</sup> June 2020, at 11.00a.m, in order to observe the ‘The 6th International Yoga Day 21<sup>st</sup> June 2020’. The session was conducted by Dr. Golda Vas, Asst. Professor, Department of Psychology. She highlighted the significance of yoga and meditation during stressful times, the importance of control over our mind and emotions and the crucial role of meditation in the same, especially during the current situation of the pandemic. The session also involved some meditative techniques through breathing exercises. Principal Dr. Nandakumar Sawant, Vice-Principal Dr. Shaila Ghanti, along with chief N.S.S. Programme Officer Pradeep Jatal, Programme Officer Vanessa Barros Colaço, Asst. Professor Dr. Sachin Moraes, attended the session by maintaining the required social distancing norms. The teaching staff, support staff and students of the college attended the session online.

NSS students and Programme officers of Parvatibai Chowgule College of Arts and Science, Autonomous, also participated in the ‘**6th International Day of Yoga, 21<sup>st</sup> June 2020**’, **Yoga @ home, yoga with family**’, conducted by the Government of India, Ministry of Youth Affairs and Sports, 21<sup>st</sup> June, 2020. They attended the session with their family from their homes.

**Kindly find below photographs attached of the above mentioned activities:**



Online meditation session via Google meet, on 20<sup>th</sup> June 2020

1







## Parvatibai Chowgule College of Arts and Science Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd Cycle)

Best Affiliated College-Goa University Silver Jubilee Year Award

NIRF Rank band 151-200. Awarded the 'DBT Star College Scheme'.



lenovo





**Attached below: photos of NSS students and Programme officers of Parvatibai Chowgule College of Arts and Science, Autonomous, also participated in the ‘6th International Day of Yoga, 21<sup>st</sup> June 2020’, Yoga @ home, yoga with family’.**















## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity:** National Road Safety Month: Video making on “wearing helmet” and Sharing on Social Media Activity
- **Date:** 1st to 6<sup>th</sup> Feb 2021

	Male	Female	Total
Student Volunteers	12	51	63

Screenshots of some of the video shared by the volunteers on social media platform





## **Report of World Environment Day**

NSS unit of Parvatibai Chowgule College of Arts and Science, Autonomous organised Poster making event for NSS volunteers on the occasion of “**World Environment Day**” on 5<sup>th</sup> June 2020. The main theme for the event was “Time for Nature” with sub themes being a) Environmental Awareness, b) Man-Environment relationship and c) Changing Environment and Natural disaster. Total 26 posters were received from 25 NSS volunteers (23 female and 02 male) who participated in this event.

Dr. Nandkumar Sawant was invited as a Resource Person and delivered a talk on **Rejuvenating the coastal landscape** at the international webinar on Time for Nature, Post COVID-19 challenges to environmental challenges, organized by CHEC – INDIA, Jaipur on 5<sup>th</sup> June, 2020 on the eve world environment day.

Dr. Nandkumar Sawant was invited as a Resource Person and delivered a talk on Perspectives of Sustainable Tourism on 9<sup>th</sup> June 2020 organised by Shristi Nature club, PES College, Farmagudi.

Dr. Mayuri M. Naik, NSS Programme Officer conducted a 2 hour online workshop on **Swachhta and Jalshakti** (Under Online Workshop on Swachhta Action Plan, an initiative by Mahatma Gandhi National Council of Rural Education) for NSS volunteers on 23<sup>rd</sup> June 2020. Total 24 NSS volunteers (24 female, 0 male) participated in this online workshop.







**Fit India Freedom Run Report**

**Name of the university/+2 Council** : Parvatibai Chowgule College (Autonomous), Margao, Goa

**Week for the report on Fit India Run** : 24<sup>th</sup> August to 29<sup>th</sup> August 2020

**No of NSS volunteers/ Participants in Fit India Freedom Run** : 02

**Total No of Kilometers covered by NSS volunteers/Participants in Fit India Freedom Run** : 06

**Date:** 31<sup>st</sup> August 2020

Mr. A.Ashish

**NSS Programme Coordinator, Chowgule College, Goa**

**University/plus two council**



**Fit India Freedom Run Report (Cycling)**

**Name of the university/+2 Council** : Parvatibai Chowgule College (Autonomous), Margao, Goa

**Week for the report on Fit India Run** : 24<sup>th</sup> August to 29<sup>th</sup> August 2020

**No of NSS volunteers/ Participants in Fit India Freedom Run ( cycling)** : 01

**Total No of Kilometers covered by NSS volunteers/Participants in Fit India Freedom Run** : 15

**Date:** 31<sup>st</sup> August 2020

Mr. A.Ashish

**NSS Programme Coordinator, Chowgule College, Goa**

**University/plus two council**

**Fit India Freedom Run Report**

**Name of the university/+2 Council** : Parvatibai Chowgule College (Autonomous), Margao, Goa

**Week for the report on Fit India Run** : 30<sup>th</sup> August 2020 to 5<sup>th</sup> September 2020

**No of NSS volunteers/ Participants in Fit India Freedom Run** : 01

**Total No of Kilometers covered by NSS volunteers/Participants in Fit India Freedom Run** : 02

**Date:** 5<sup>th</sup> September 2020

Mr. A.Ashish

**NSS Programme Coordinator, Chowgule College, Goa**

**University/plus two council**

**Fit India Freedom Run Report (Cycling)**

**Name of the university/+2 Council** : Parvatibai Chowgule College (Autonomous), Margao, Goa

**Week for the report on Fit India Run** : 30<sup>th</sup> August 2020 to 5<sup>th</sup> September 2020

**No of NSS volunteers/ Participants in Fit India Freedom Run (cycling)** : 01

**Total No of Kilometers covered by NSS volunteers/Participants in Fit India Freedom Run** : 23.34km

**Date:** 05<sup>th</sup> September 2020

Mr. A.Ashish

**NSS Programme Coordinator, Chowgule College, Goa**

**University/plus two council**

**Fit India Freedom Run Report**

**Name of the university/+2 Council** : Parvatibai Chowgule College (Autonomous), Margao, Goa

**Week for the report on Fit India Run** : 3<sup>rd</sup> week

**No of NSS volunteers/ Participants in Fit India Freedom Run** : 01

**Total No of Kilometers covered by NSS volunteers/Participants in Fit India Freedom Run** : 08

**Date:** 8<sup>th</sup> September 2020

Mr. A.Ashish

**NSS Programme Coordinator, Chowgule College, Goa**

**University/plus two council**



**Fit India Freedom Run Report (Cycling)**

**Name of the university/+2 Council** : Parvatibai Chowgule College (Autonomous), Margao, Goa

**Week for the report on Fit India Run** : 3<sup>rd</sup> week

**No of NSS volunteers/ Participants in Fit India Freedom Run (cycling)** : 01

**Total No of Kilometers covered by NSS volunteers/Participants in Fit India Freedom Run** : 70.09km

**Date:** 8<sup>th</sup> September 2020

Mr. A.Ashish

**NSS Programme Coordinator, Chowgule College, Goa**

**University/plus two council**

**Fit India Freedom Run Report**

**Name of the university/+2 Council** : Parvatibai Chowgule College (Autonomous), Margao, Goa

**Week for the report on Fit India Run** : 6th week

**No of NSS volunteers/ Participants in Fit India Freedom Run** : 04

**Total No of Kilometers covered by NSS volunteers/Participants in Fit India Freedom Run** : 09.2

**Date:** 29<sup>h</sup> September 2020

Mr. A.Ashish

**NSS Programme Coordinator, Chowgule College,Goa**

**University/plus two council**

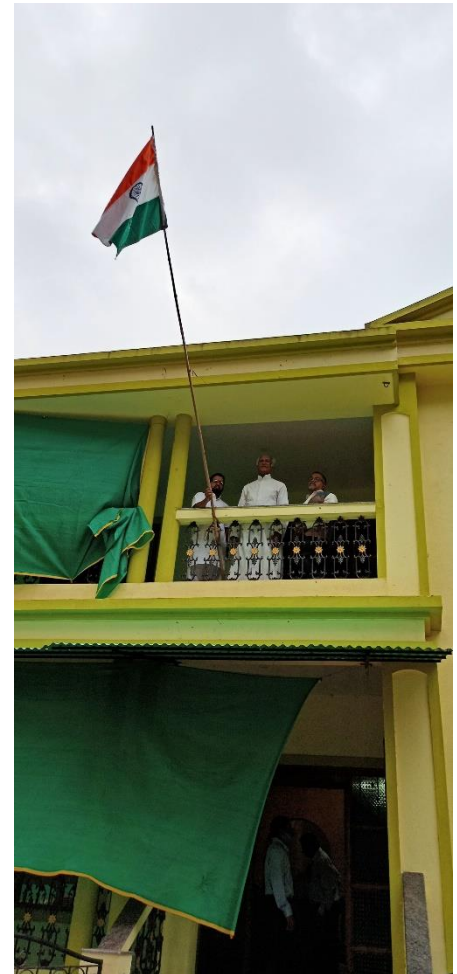
## Report on “Waving National Flag”

Date 15/08/2020

Total: 10

Female:07

Male: 03



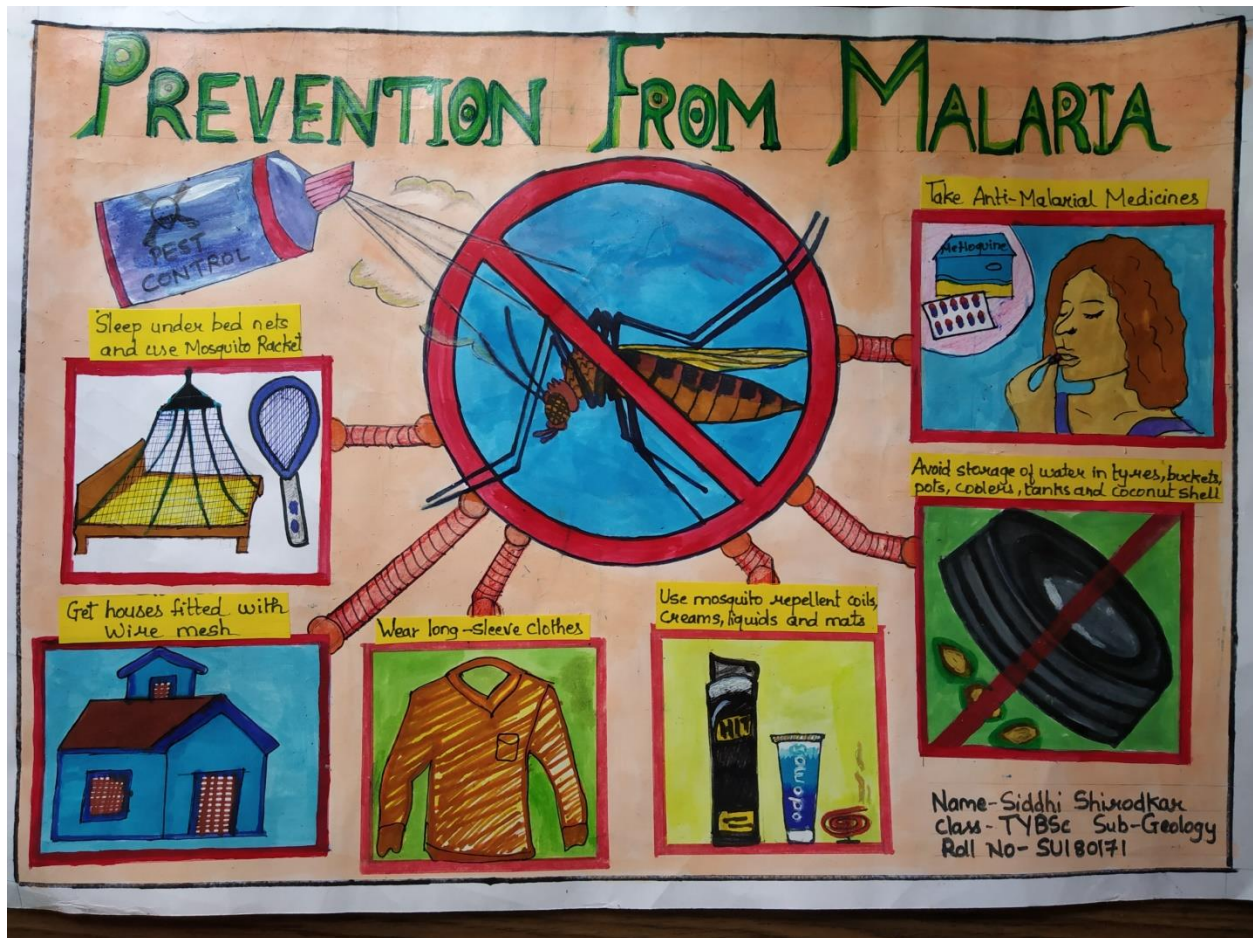
## Report- Posters on Vector borne diseases

Date of submission:09/10/2020

NSS Volunteers participated- 37

Female- 37

Male- NIL





# VECTOR BORNE DISEASE DENGUE

## What is Dengue?

It is an infectious disease transmitted by a female mosquito.



ONE BITE  
THREAT TO  
life

## Symptoms



## Simple measures to protect you & your family



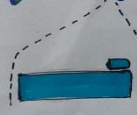
Keep your  
surrounding  
clean



Get rid of  
stagnant  
water



Use of  
insect  
repellent



Use of insect  
nets while  
sleeping



Seek early  
medical  
help.

# Spray To Kill



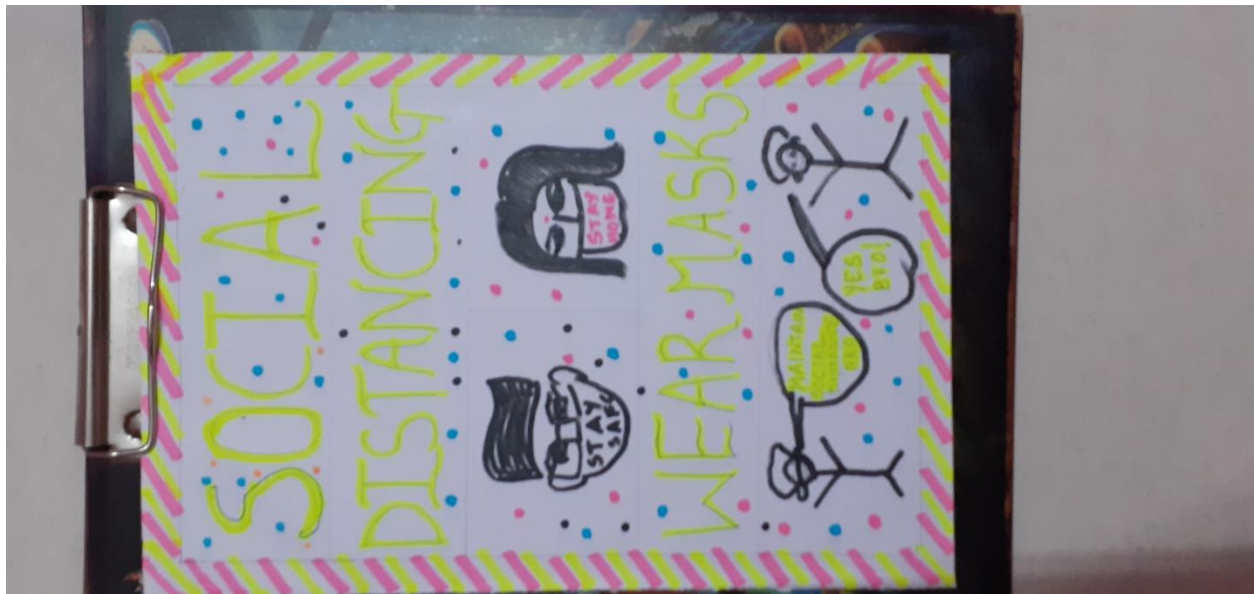
yukta Dicholkar  
S.Y.B.Sc. Chemistry  
SU190039

## Report on dissemination of messages with regards to appropriate behavior in view of Covid-19

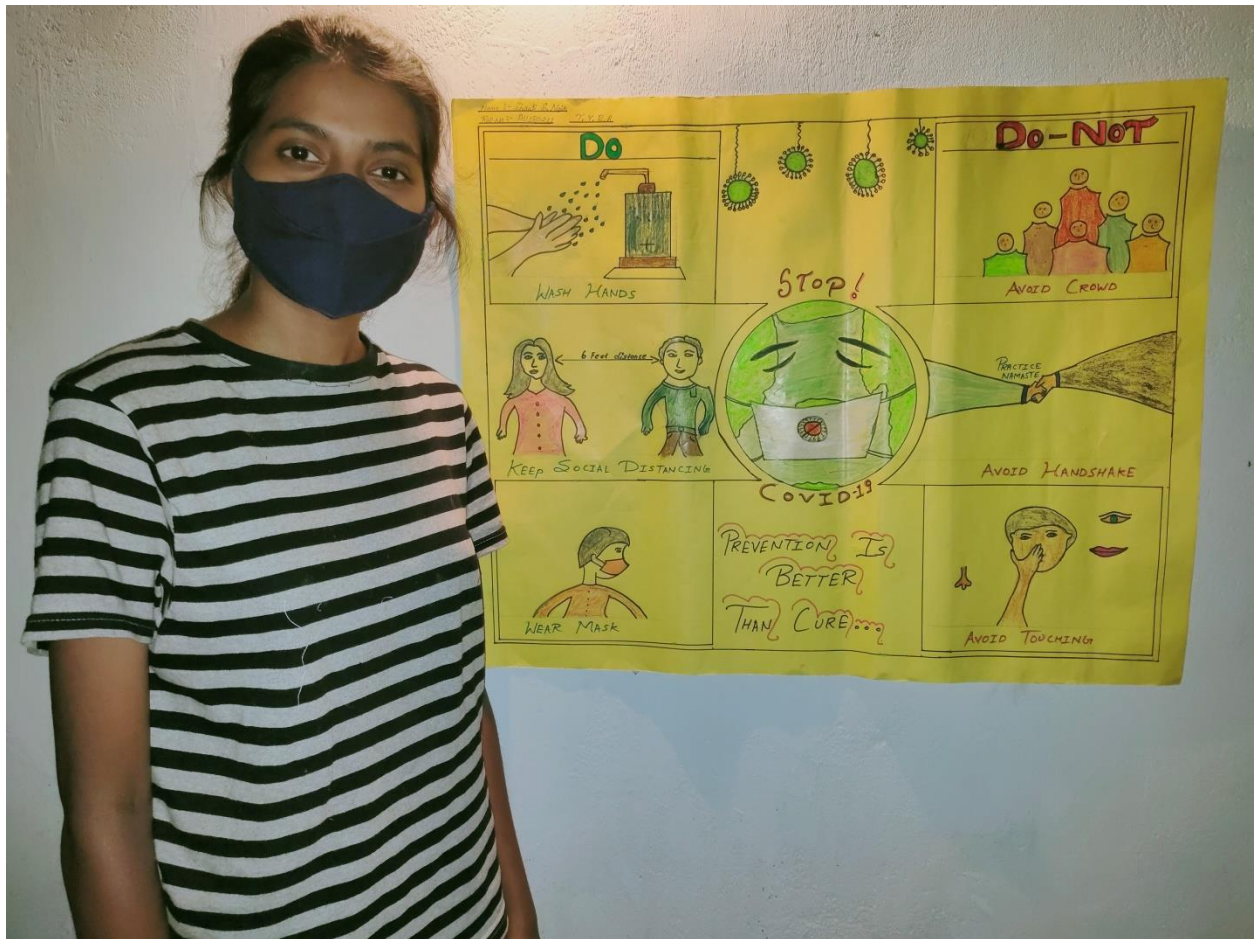
College name: Parvatibai chowhule College.Margao

Date:16/10/2020

S.No.	Activity	Male	Female	Total
1	Poster	2	31	33
2	Jingle making	4	5	09







## **RASHTRIYA EKTA DIWAS**

RASHTRIYA EKTA DIWAS (NATIONAL UNITY DAY) was celebrated at Parvatibai Chowgule College of Arts and Science, Autonomous on 31<sup>st</sup> October 2020, to mark the birth Anniversary of the *Iron Man of India*, Shri. Sardar Vallabhbhai Patel. The aim of this programme was to foster and reinforce our dedication to preserve and strengthen the unity, integrity and security of the nation. Teaching and non-teaching staff attended the programme.

The Programme began with a brief welcome by Miss Alka Gavas. Ms Vanessa Assistant Professor in History, spoke about the important role he played before independence and after independence, especially in bringing together all the princely states in spite of the differences in language, colour and religion. Principal Dr. Shaila Ghanti in her address stressed on unity prevailing in our college along with National unity. Rashtriya Ekta Diwas Pledge was taken by everybody present for the event.

NSS volunteers of Chowgule College have also taken pledge online. An online video screening of film on Shri Sardar Vallabhbhai Patel has been done among volunteers. NSS volunteers have also prepared posters on Rashtrya Etka Diwas.

### **Participation of college staffs and NSS volunteers in various activities are as follows:-**

1. Participation of Teaching and non-teaching staffs of college for pledge: **39**
2. Participation of NSS volunteers for Pledge: **57**
3. Participation of NSS volunteers for video screening : **62**
4. Participation of NSS volunteers for Poster making: **20**

Mr. A. Ashish

NSS, Programme officer

Chowgule College, Margao



Pledge: Chowgule staffs

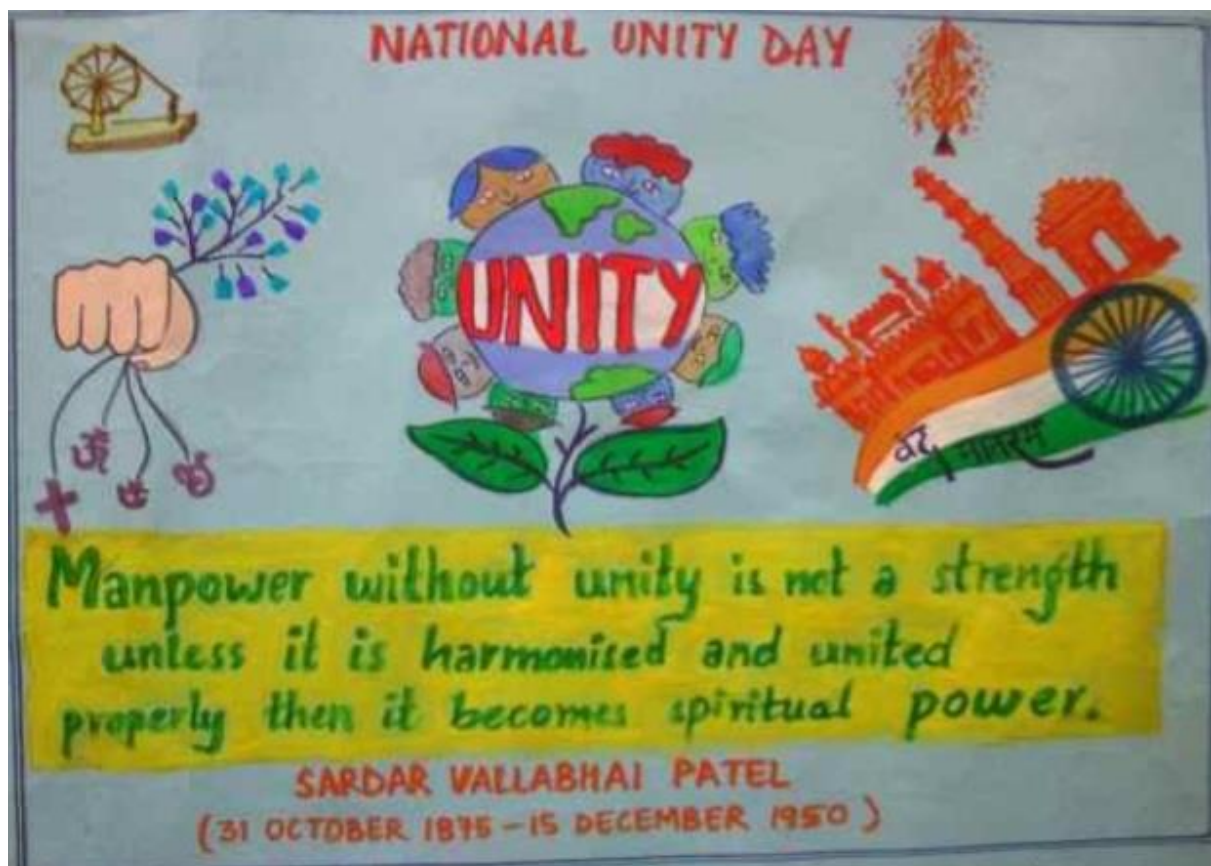
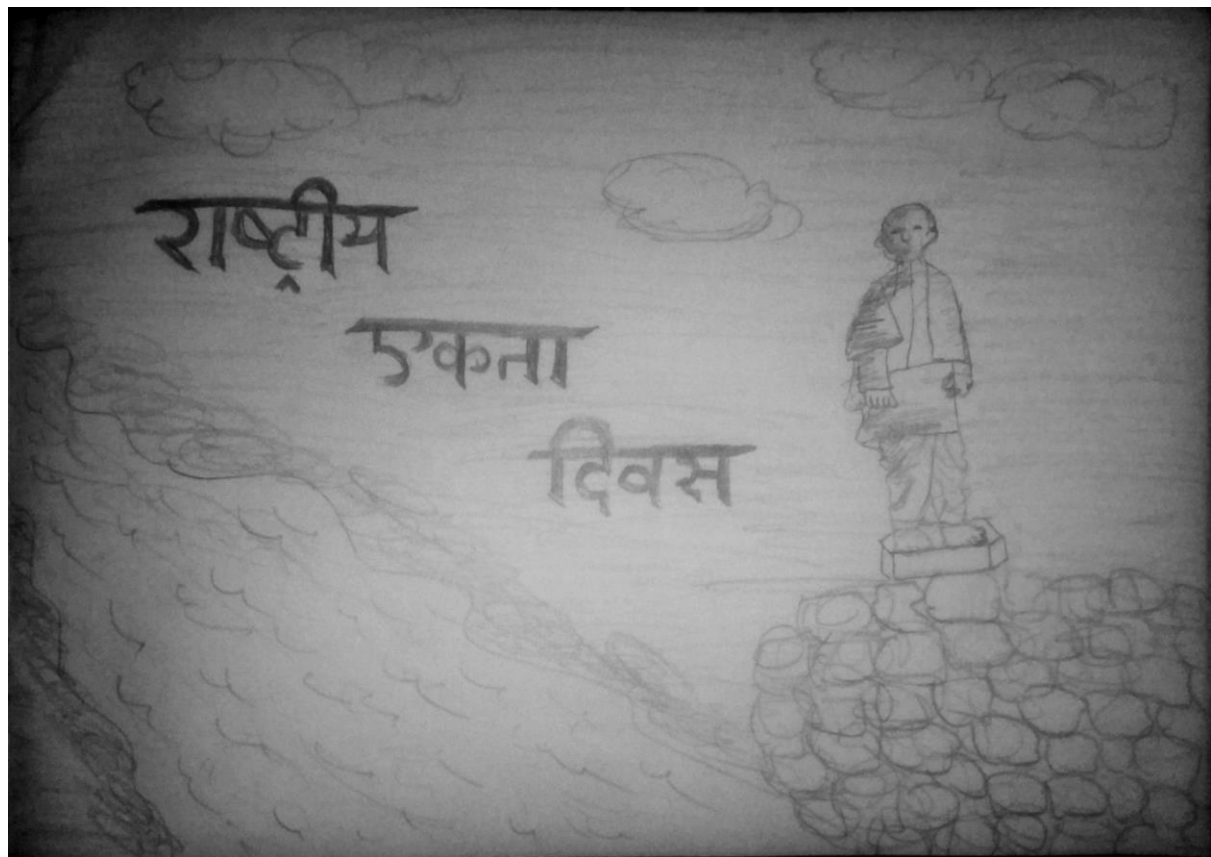


### **Pledge: NSS volunteers**



### **Poster making by NSS volunteers**









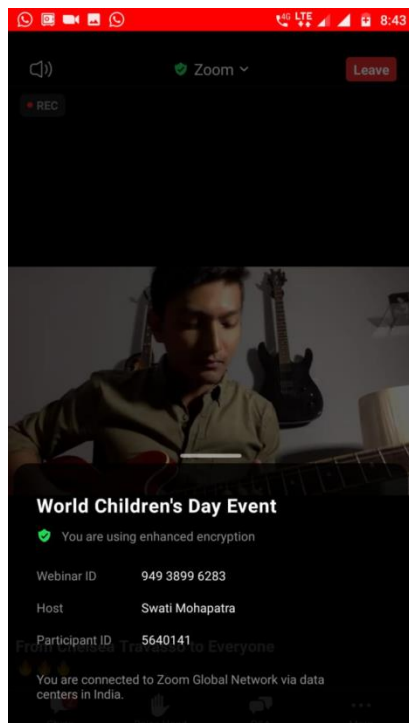
## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity:** World children's day, 2020
- **Date:** 20/11/2020

	Male	Female	Total
Student Volunteers	08	56	64

### Photographs of some of the posters of the volunteers









## NSS ACTIVITY REPORT

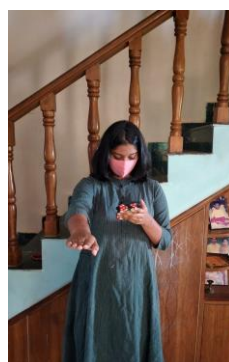
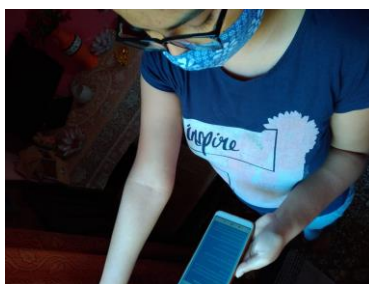
Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity:** Reading of the Preamble in celebration of the Constitution Day, 2020
- **Date:** 26/11/2020

	Number of participants
Student Volunteers	91
Staff and Faculty	32

Photographs of some of the volunteers and staff are included below.

NSS Volunteers reading the preamble to the constitution





Teachers and Staff of the College reading the preamble





## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

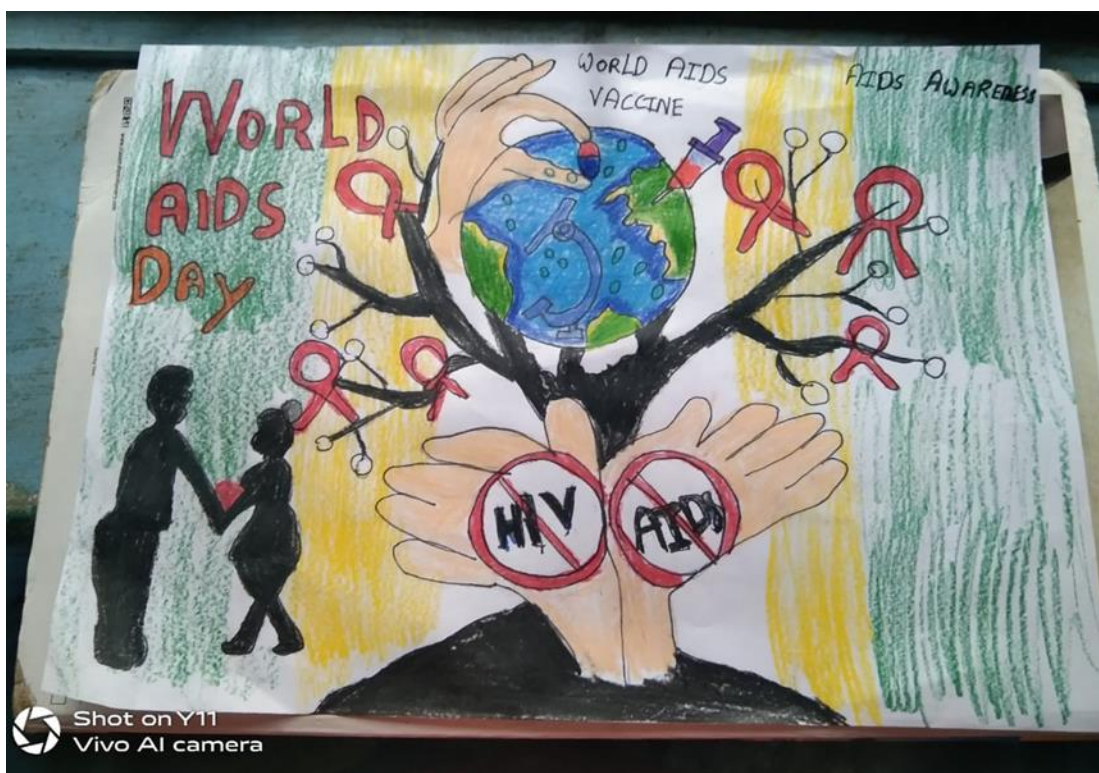
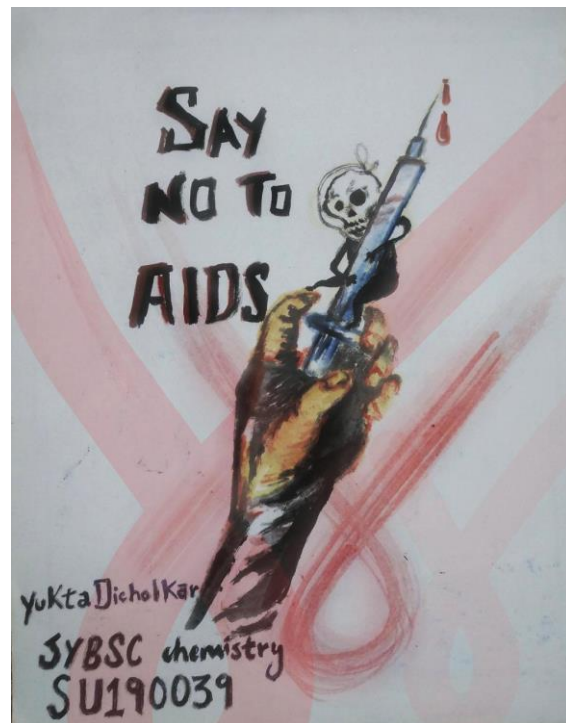
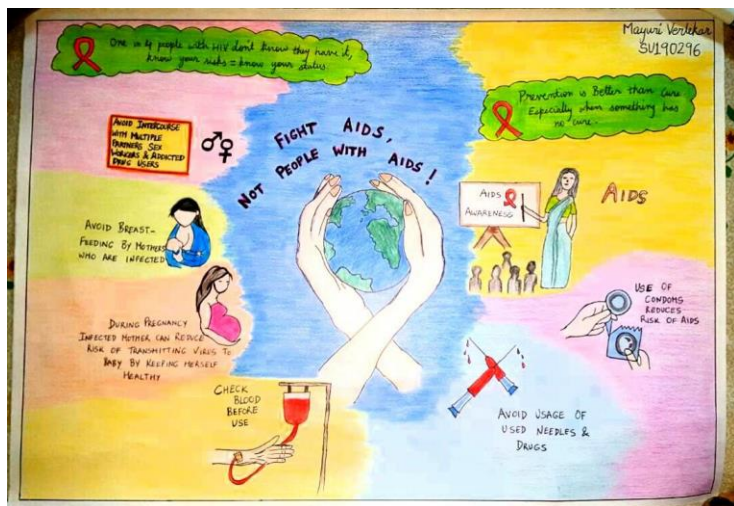
- **Title of the Activity:** Poster making on World AIDS day, 2020
- **Date:** 01/12/2020

	Male	Female	Total
Student Volunteers	08	72	80

Photographs of some of the posters of the volunteers











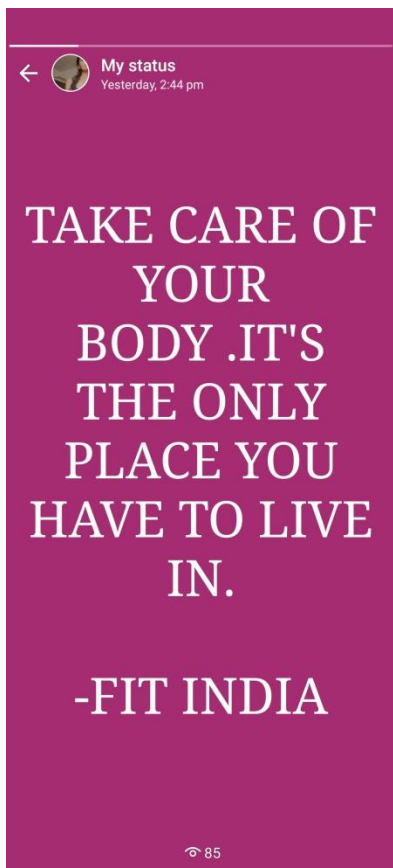
## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

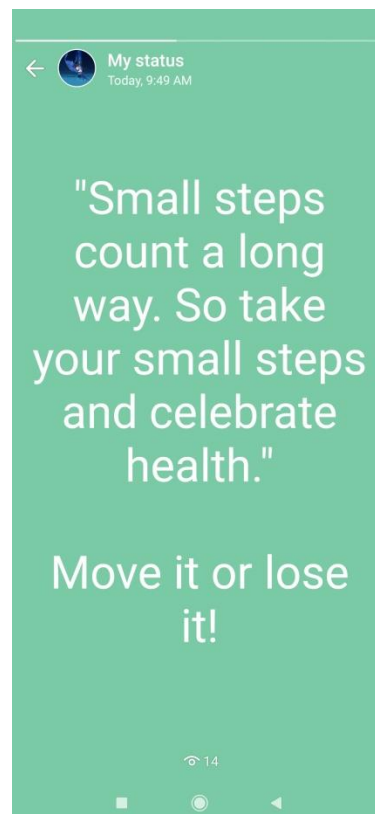
- **Title of the Activity:** Fit India Slogan, 2020
- **Date:** 09/12/2020

	Male	Female	Total
Student Volunteers	32	161	193

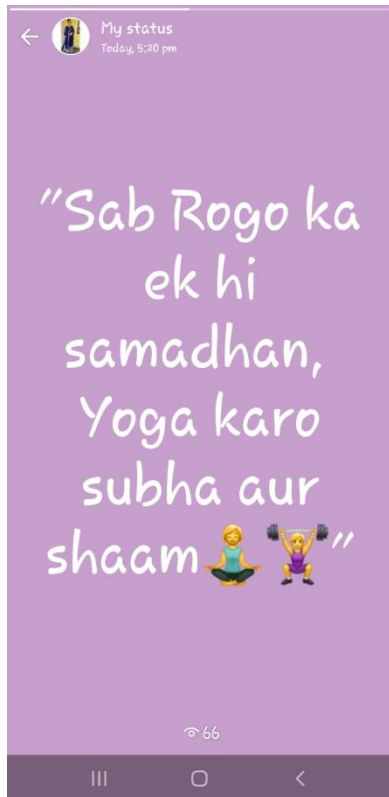
### Photographs of some of the statuses of the volunteers



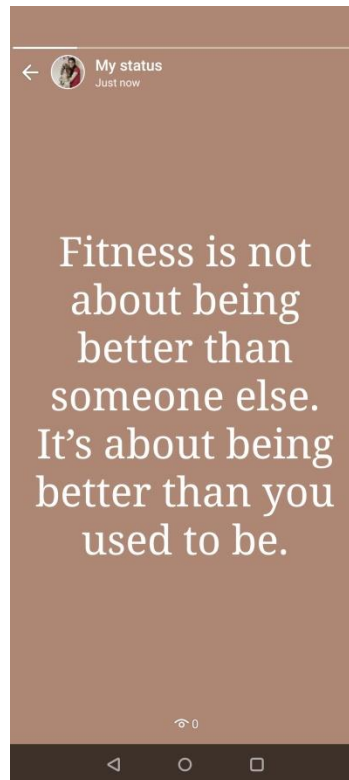
Sanjana Magundhwar, FYBA, Chowgule college



Pooja Bisht, SYBA, Chowgule college



Sabiya Shaikh, SYBSC, Chowgule college.



Anfliya Antao, SYBA, Chowgule college



## NSS ACTIVITY REPORT

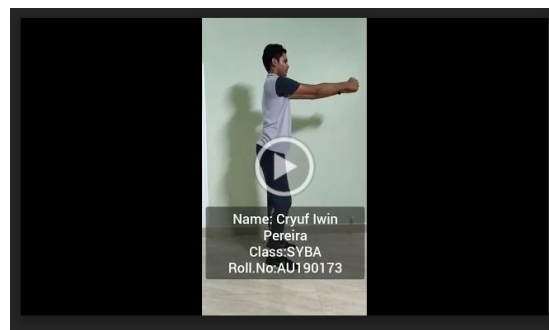
Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity:** Fit India month, Video making on 'Fitness ka dose aadha ghanta roz'
- **Date:** 19/11/2020

	Male	Female	Total
Student Volunteers	15	58	73

### Screen short of video







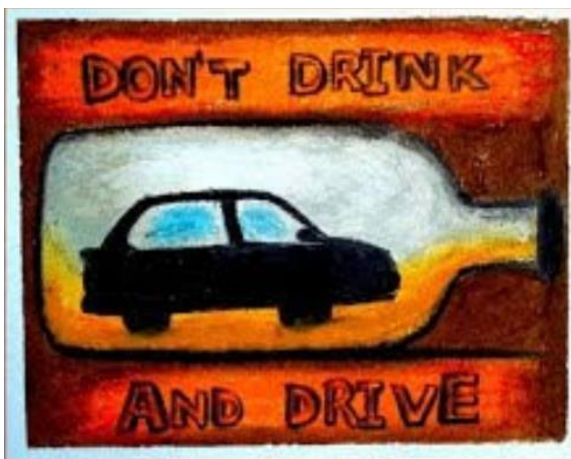
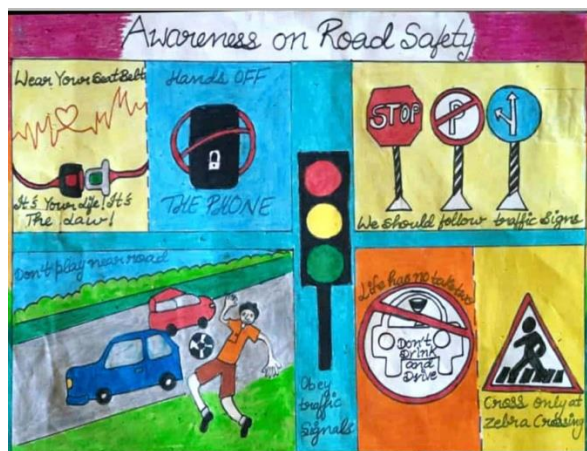
## NSS ACTIVITY REPORT

**Parvatibai Chowgule College of Arts and Science, Autonomous**

- **Title of the Activity:** National Road Safety Month: Poster Making and Sharing on Social Media Activity
- **Date:** 25<sup>th</sup> to 30<sup>th</sup> Jan 2021

	Male	Female	Total
Student Volunteers	18	105	123

Photographs of some of the posters of the volunteers



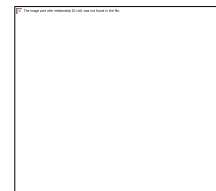




Screenshots of some of the posters shared by the volunteers on social media platform







## **NSS ACTIVITY REPORT**

**Parvatibai Chowgule College of Arts and Science, Autonomous**

- **Title of the Activity:** National Road Safety Month: Making of Jingle on road safety
- **Date:** 9<sup>th</sup> to 14<sup>th</sup> Feb 2021

	Male	Female	Total
Student Volunteers	4	19	23

### Screenshots of social media uploads by volunteers

Suvidhya Dharwadkar



Chelsea Dias





## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity:** National Road Safety Month: Displaying a slogan on a banner at a traffic junction
- **Date:** 15<sup>th</sup> to 20<sup>th</sup> Feb 2021

	Male	Female	Total
Student Volunteers	0	6	6

### Photographs of the volunteers





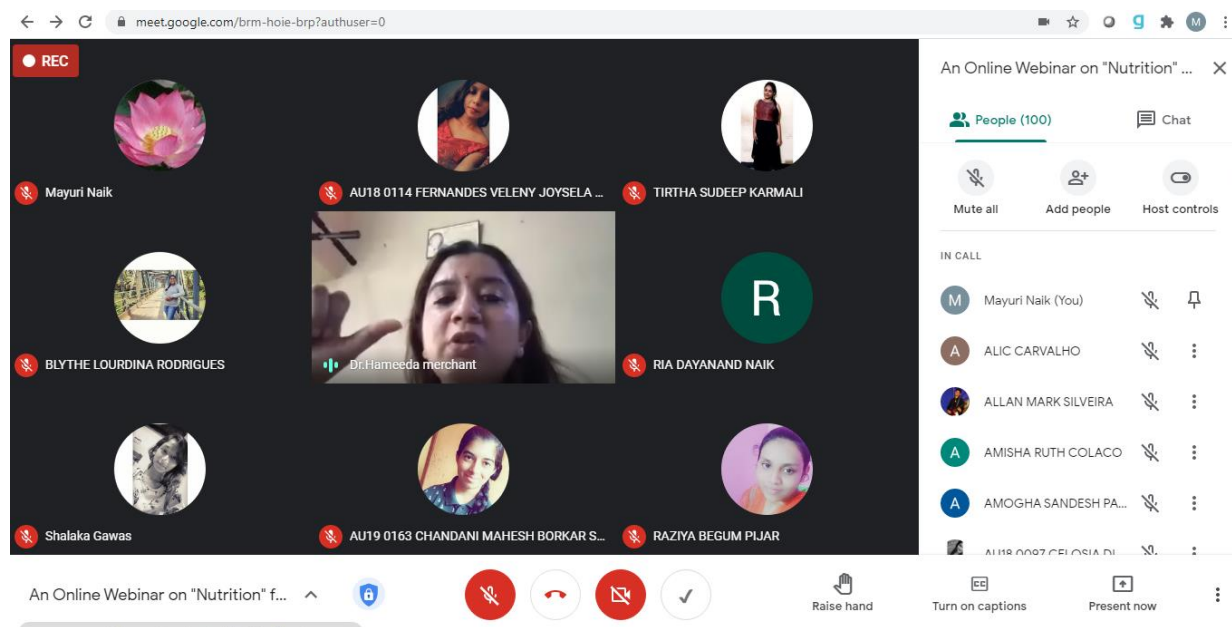
## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity:** An online Webinar on Nutrition to celebrate "Poshan Pakhwada"
- **Date:** 27<sup>th</sup> March 2021
- **Resource person:** Dr. Hameeda Merchant, consulting clinical nutritionist.

	Male	Female	Total
Student Volunteers	20	93	113

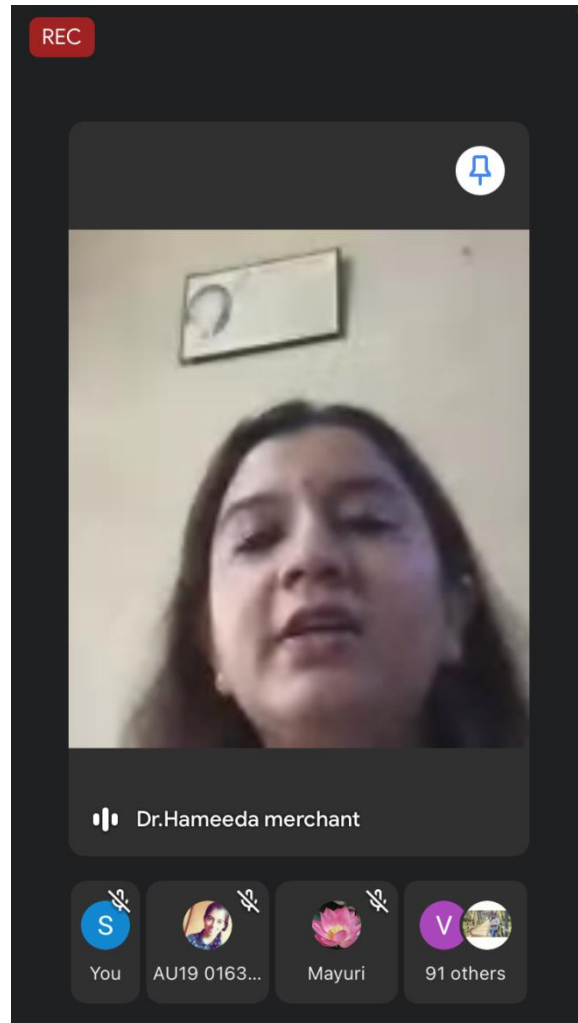
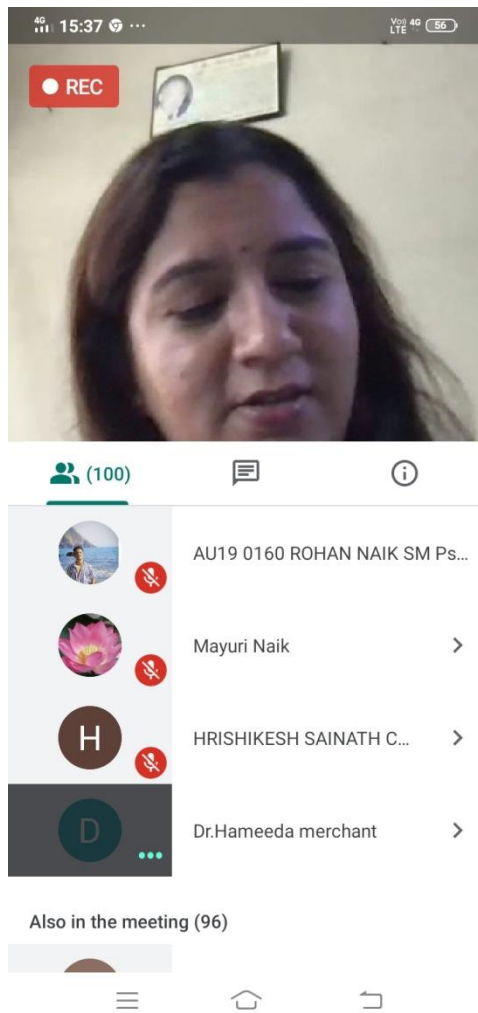
### Some of the screenshots of the webinar







Some of the screenshots of the webinar





## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity 1:** International Women's Day 2021: Clicking a Photograph with a Woman and sharing on Social Media
- **Date:** 08<sup>th</sup> March 2021

Student Volunteers	Male	Female	Total
	06	86	92

Screenshot of some of the photographs shared on social media by NSS volunteers





Screenshots of some of the posters shared by the volunteers on social media platform





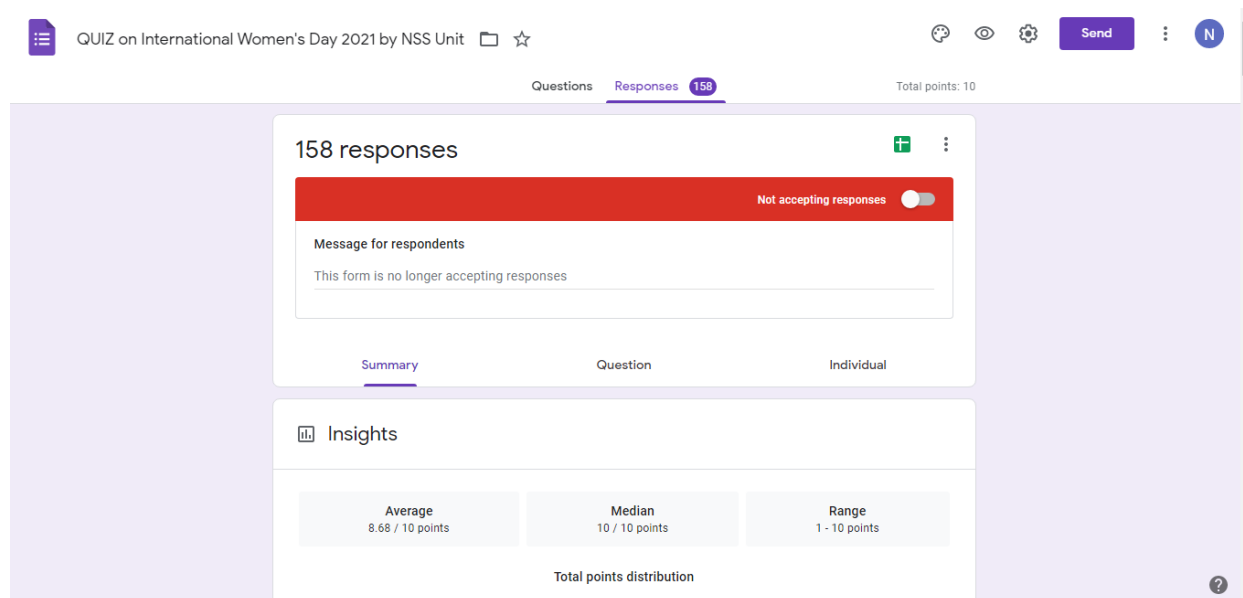
## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity 2:** International Women's Day 2021: QUIZ to celebrate International Women's Day 2021
- **Date:** 08<sup>th</sup> March 2021

Student Volunteers	Male	Female	Total
	23	135	158

Screenshot of total 158 responses received from NSS volunteers



Note: Full PDF of 158 responses received from NSS volunteers is attached separately.



## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity:** Webinars attended- 24<sup>th</sup> National Youth Festival, 2021
- **Date:** 13/01/2021

	Male	Female	Total
Student Volunteers	16	66	82

Screenshots of some of the volunteers attending the webinar-







## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity:** Sapling plantation on the occasion of World Environment Day
- **Date:** 05<sup>th</sup> June 2021

NSS volunteers clicked a Photo/recorded a Video while planting the sapling and shared it on the social media platform.

Student Volunteers	Male	Female	Total
	15	89	104

Some of the screenshots of the Photo/Video shared on social by by NSS volunteers while planting the sapling



Report made by: **Dr. Mayuri Naik, NSS Programme Officer**



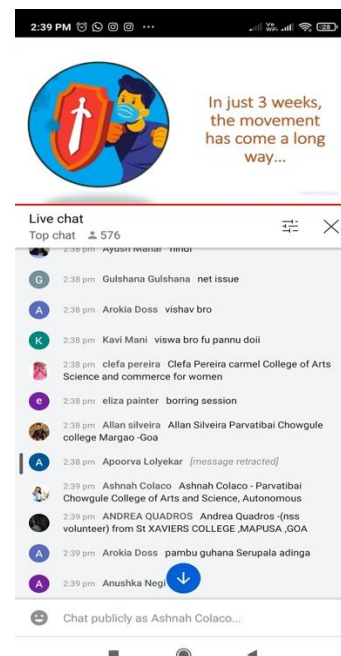
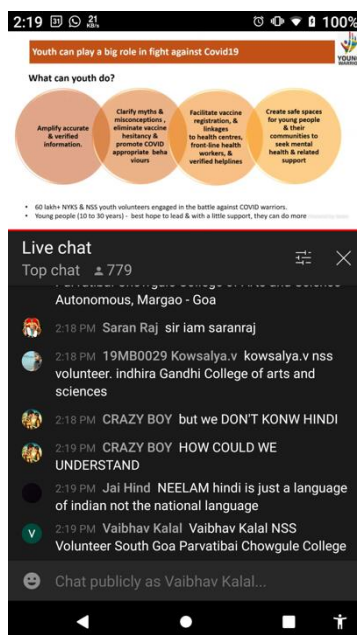
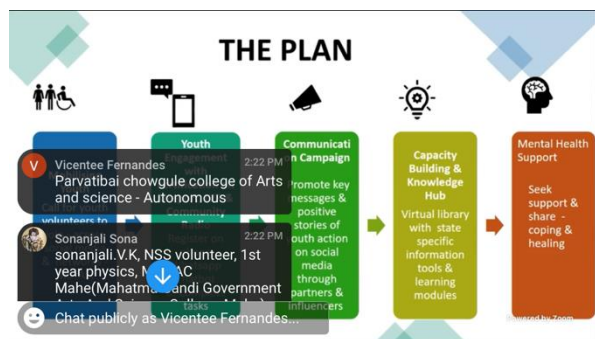
## NSS ACTIVITY REPORT

Parvatibai Chowgule College of Arts and Science, Autonomous

- **Title of the Activity:** ORIENTATION- YOUNG WARRIOR CAMPAIGN
- **Date:** 14/06/2021

	Male	Female	Total
Student Volunteers	31	134	165

Screenshots of some of the volunteers attending the orientation-



**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) - GOGOL, MARGAO-GOA  
DEPARTMENT OF ENGLISH**

<b>REPORT OF ‘ Women’s Day Celebrations’</b>	
<b>Title:</b>	<b>Women’s Day Celebrations</b>
<b>Date and year:</b>	08 March – 16 March 2021
<b>Venue:</b>	ONLINE
<b>Resource person/s:</b>	ASST. PROF. ANDREW BARRETO
<b>Organising Committee</b>	DEPT OF ENGLISH
<b>No. of Participants</b>	51 students approx..
<b>Objective:</b>	To give students platform to voice their creativity
<b>Summary of the proceedings</b>	The dept. of English celebrated Women’s Day 2021 with a week long submission competition.
<b>Photographs</b>	





# MARCH WOMEN'S DAY PHENOMENAL WOMAN

**ALL THROUGH THE WEEK 08 - 16 MARCH 2021**

INTRA-COLLEGE SUBMISSION BASED EVENT!

OPEN TO ALL STUDENTS OF CHOWGULE COLLEGE!

(ENGLISH LANGUAGE / SUBMISSION BASED)

<http://bit.ly/womensday2021registration>

ALL PARTICIPANTS GET AN E-CERTIFICATE, BEST SUBMISSIONS WILL BE  
FEATURED IN THE COLLEGE MAGAZINE, COLLEGE YOUTUBE CHANNEL!

## WHAT CAN I SUBMIT?

Anything you want!

Poems Written or video recorded, Fiction short or long, Memes, paintings,  
Drawings, Short movie, creative non-fiction, interview with your the most  
important woman in your life, Stand-up Comedy, a Song, a Dance...anything  
your heart desires! This is a celebration of Women! Celebrate them as you  
want. Register and upload your submission, and a photo of yourself!!

*an english department initiative in collaboration with etc. (english tygers' club)*

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) - GOGOL, MARGAO-GOA  
DEPARTMENT OF ENGLISH**

<b>REPORT OF ‘ Cosfest Goa 2021’</b>	
<b>Title:</b>	<b>Cosfest Goa 2021</b>
<b>Date and year:</b>	May – July 2021
<b>Venue:</b>	ONLINE
<b>Resource person/s:</b>	NIL
<b>Organising Committee</b>	DEPT OF ENGLISH / etc. (English tygers’ club)
<b>No. of Participants</b>	3 participants
<b>Objective:</b>	To give students a Cosplay event to participate organized by students of dept. of English
<b>Summary of the proceedings</b>	The 4 <sup>th</sup> all Goa Cosplay event was organized through the months of May to July 2021. It was affected due to the series of lockdowns in Goa. 3 Participants however participated in the event and rather than cancelling it students decided to go ahead with the event.
<b>Photographs</b>	



# COSFEST GOA

**THE FOURTH  
ALL GOA  
COSPLAY  
EVENT**

**FIRST PLACE:  
RS. 2021 /-**

**NO REGISTRATION  
FEE THIS YEAR**

**ONLINE  
EVENT!**

**OPEN FOR ALL!  
NO AGE BAR  
FROM 6 - 60!  
OLDER...YOUNGER..  
ALL ARE WELCOME!  
PARTICIPATE  
AS A FAMILY!**



**HELA**

Further Details and  
Registration link at:  
[bit.ly/cosfestgoa2021](https://bit.ly/cosfestgoa2021)



**MAY 2021  
YOUTUBE  
PREMIERE!**

A.P.C.C.A.S. English Department Creative Production

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) - GOGOL, MARGAO-GOA  
DEPARTMENT OF ENGLISH**

<b>REPORT OF ' Drafting With the Intent to Publish' with Arpita Das' (15 hour Certificate Course)</b>	
<b>Title:</b>	<b>Drafting With the Intent to Publish' with Arpita Das'</b>
<b>Date and year:</b>	05 APRIL 2021 – online session
<b>Venue:</b>	ONLINE
<b>Resource person/s:</b>	Arpita Das – Yoda Press Publisher
<b>Organising Committee</b>	DEPT OF ENGLISH, Asst. Prof. Delilah Pacheco
<b>No. of Participants</b>	36 participants
<b>Objective:</b>	To give students hands-on experience in publishing their works
<b>Summary of the proceedings</b>	The 15 hour certificate course was organized with Yoda Press founder and publisher Ms. Arpita Das to give students the know how in publishing works that they write. This was in continuation of our previous certificate course in Creative Writing. The online session was part of the 15 hour interactive certificate course managed through our LMS.

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Photographs

**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) - GOGOL, MARGAO-GOA  
DEPARTMENT OF ENGLISH**

<b>REPORT OF ‘ CV Writing Workshop’</b>	
<b>Title:</b>	<b>CV Writing Workshop</b>
<b>Date and year:</b>	15 NOVEMBER 2020
<b>Venue:</b>	ONLINE
<b>Resource person/s:</b>	ASST. PROF. Delilah Pacheco
<b>Organising Committee</b>	DEPT OF ENGLISH
<b>No. of Participants</b>	28 Students
<b>Objective:</b>	To give students hands-on experience in writing CV’s
<b>Summary of the proceedings</b>	Asst. Prof. Delilah Pacheco conducted a 2 hour workshop for the students of our college as hands-on training writing CV’s. Given the positive feedback in the last workshop conducted last academic year, this was continued this year as well.
<b>Photographs</b>	





Chowgule College  
AUTONOMOUS



# / KATHARSIS /

WORLD | 21 MARCH  
POETRY DAY 2021, SUNDAY

1. OPEN MIC SESSION - SUNDAY 4.00 TO 6.00 PM

<http://bit.ly/katharsis2021>

2. ALL GOA POETRY COMPETITION

(ENGLISH LANGUAGE / SUBMISSION BASED)

<http://bit.ly/Katharsis21registration>

**THEME FOR COMPETITION: ZEITGEIST**

**PRIZES!**

FIRST PLACE = Rs. 1000 /- (or equivalent value award)

Second Place = Rs. 500/- (or equivalent value award)

Third Place = Rs. 300/- (or equivalent value award)

WHAT DO I NEED TO DO?

Video Record yourself performing your original poem based on the theme,  
followed by any reflections on your poem  
(landscape mode, preferably 720p and above, clear audio).

Fill up the registration form and, upload your video, along with your poem  
neatly typed out. Don't forget to put your name in the document, and do  
introduce yourself in the video! DONE!

an english department initiative in collaboration with etc. (english tygers' club)





**PARVATIBAI CHOWGULE COLLEGE OF ARTS & SCIENCE  
(AUTONOMOUS) - GOGOL, MARGAO-GOA  
DEPARTMENT OF ENGLISH**

<b>REPORT OF ‘ THE BARD BY THE MANDОВI – SHAKESPEARE FEST 2021’</b>	
<b>Title:</b>	<b>THE BARD BY THE MANDОВI – SHAKESPEARE FEST 2021</b>
<b>Date and year:</b>	MAY – JULY 2021
<b>Venue:</b>	ONLINE
<b>Resource person/s:</b>	ASST. PROF. ANDREW BARRETO, etc. (English tygers’ club)
<b>Organising Committee</b>	DEPT OF ENGLISH
<b>No. of Participants</b>	80 students approx..
<b>Objective:</b>	To give students platform to showcase literature knowledge through competition
<b>Summary of the proceedings</b>	The Bard by the Mandovi 2021 was organized through the months of May to July 2021, as the lockdowns impeded this online event. 4 institutes with 20 students each participated in the event. The online event had 7 events that the schools participated in.
<b>Photographs</b>	



Chowgule College  
AUTONOMOUS



**SHAKESPEARE XI:**  
**UPLOADED...UNINTERRUPTED...**  
**UNDAUNTED!**



**THE BARD BY THE ROUTER**  
**THE SHAKESPEARE FEST**  
**GOA**

**REGISTRATION: 20 MARCH - 12 APRIL 2021**  
**PREMIERE: 23 APRIL 2021**

For Further details: <http://bit.ly/shakespearefestgoa>

An Inter-High School & Higher Secondary School Competition - A PCCAS English Dept. Creative Production