

Haribhai V. Desai College of Arts, Science and Commerce

Best Practice: Green College Clean College

1. Title of the Practice: Green College Clean College

Green College Clean College (GCCC) activity is to energize and encourage an action group of young collegians to create positive environmental impact at college and later in the city/society at large. Our college GCCC team coordinated by Prof. Dr. Rajashree Patwardhan, has been actively participating in this activity and receiving ranks and awards consistently for the last many years.

2. Objectives of the Practice

Educational campuses like our Haribhai V. Desai College leads Green College Clean College movement to protect the environment by becoming role models of environmental sustainability for the society at large. 'Green College, Clean College' is an important activity which helps transform college campus to use natural resources with maximum efficiency, while generating minimal waste of any type.

Objectives include:

- To maintain an eco-friendly ecosystem in and around the campus of the college.
- To create a healthy atmosphere in the college
- To promote the recycling of solid and liquid waste generated in the campus.
- To create awareness among the people about the surroundings
- To maintain campus clean and green

3. The Context

For the last six years, data related to environmental consciousness on college campus from all the departments is regularly collected by a team of Eco Rangers coordinated by Prof. Dr. Rajashree Patwardhan along with teacher representatives Mrs. Amruta Chavan, Dr. Sarika Mane, Ms. Sayali Rathod, Ms. Sudha Adya, Ms. Swati Rani, Dr. Bagdane, teaching staff members of all the faculties and Students. Environmental Awareness is implemented with the GCCC activity. REUSE and RECYCLE is the motto of the college. 'Green College, Clean College' initiative makes noticeable changes on college campus and to Increase environmental awareness.

4. The Practice

The College activities include, Terrace Gardening, No vehicle day, Mangrove activity, Vermicomposting, Eco-friendly Practices In Laboratory, Cloth recycling, Green and farmer friendly farming, World wildlife week ,Energy

audit ,Sustainability index, E-waste Management, Solid Waste Management Survey, Water Analysis River (BOD), Plastic free campus, Paper less work by using technologies like ICT, smart board, androids, Increased recycling rate of the organic waste, Change in attitude of the students towards environment, Increase in plantation in the campus, etc.

Activities conducted Outside and Inside of the college campus

Sr. No	Activities conducted outside college campus	Department	Faculty	Number of students
1	Installation of Ecological Floating Water Beds	Microbiology	Prof. Dr. P. S. Abhyankar, Prof. Dr. R. B. Patwardhan	30
2	Cleanliness Drive,	NSS	Dr. Ghodke	124
3	Nirmalya collection	NSS	Dr. Ghodke	100
4	Field Visit to College of Agriculture, Pune	Botany	Dr. Bagdane, Dr. Shelar	46
5	International millet year	Zoology	Dr. Gorakhe, Mr. Pahade sir	55
6	Field Visit to Dhom Dam, Satara	Physics	Dr. Sagar Jagtap	60
7	Field Visit to Biodiversity Park, Panchgani	Botany	Dr. Bagdane	55
8	ETP – STP Wastewater treatment;	Environmental science	Ms. Amruta Chavan	80
9	International day for Blue Skies	Environmental science	Ms. Amruta Chavan	80
10	NSIC,	Environmental science	Ms. Amruta Chavan	35
	Nature walk	Environmental science	Ms. Amruta Chavan	35

11	Net zero campus ,	Environment al science	Ms. Amruta Chavan	40
12	Single Use Plastic Campign	Environment al science	Ms. Amruta Chavan	40
13	Avishkar Competition	College	All the faculty members	5
14	World digital detox day	College	-	5
15	Ramnadi parikrama	Microbiology	Prof. Dr. P. S. Abhyankar, Prof. Dr. R. B. Patwardhan	38
16	Geo-tagging, Plantation	Environment al science	Ms. Amruta Chavan	20

Sr. No	Activities conducted inside college campus	Department	Faculty	Number of students
1	Water Analysis Microbiology	Microbiology	Prof. Dr. R. B. Patwardhan, Ms. Sudha Adya	7
2	Terrace Gardening,	Botany	Dr. Bagdane, Dr. Shelar	80
3	Plant of the week	Botany	Dr. Bagdane, Dr. Shelar	>100
4	No vehicle day,	Environmental science	Ms. Amruta Chavan	62
5	Mangrove activity	Environmental science	Ms. Amruta Chavan	60
6	Vermicomposting	Microbiology	Prof. Dr. R. B. Patwardhan	>100

7	Eco-friendly Practices In the Laboratory	All Science departments	-	> 100
8	Cloth recycling, Green	Microbiology	Prof. Dr. R. B. Patwardhan	>20
9	Green Farmer friendly farming	Microbiology	Prof. Dr. P.S. Abhyankar	
10	World wildlife week	Environmental science	Ms. Amruta Chavan	35
11	Sustainability index	Environmental science	Ms. Amruta Chavan	35
12	Energy audit	Dept. of Microbiology & Environmental science		>100
13	E-waste Management	Computer science	Mrs. Jyoti Kanse	378
14	Solid Waste Management Survey	Microbiology	Dr. Sonia Ambade Prof. Dr. P. S. Abhyankar	300+
15	Epidemiology survey	Microbiology	Prof. Dr. R. B. Patwardhan	45
16	Water Analysis of Mutha River (BOD)	Microbiology	Prof. Dr. P. S. Abhyankar	15

5. Evidence of Success:

Sr. No.	Year	Rank/Prize received
1	2018-2019	Second Rank
2	2019-2020	Participation
3	2020-2021	Third Rank
5	2022-2023	First Rank
6	2023-2024	Second Rank

6. Problems Encountered and Resources Required

1. Some departments which do not conduct environment friendly activities should be encouraged.
2. There is a need to create environmental awareness among the students.

R.B. Patwardhan

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[Signature]

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