

GOVERNMENT DEGREE COLLEGE FOR WOMEN
BEGUMPET, HYDERABAD. (T.S)
Re-Accredited by NAAC with Grade 'B+'(3rd Cycle)



Eco Club Activities

2015-21

Government Degree College for Women (A), Begumpet, Hyderabad

The main **aim** of establishing the **Eco Club** was to conserve the natural resources and the natural environment, to create **Eco** friendly environment and create awareness of biodiversity conservation and local environmental issues among students and to create a clean and green consciousness among students through various activities. Eco club plays an important role in creating environmental awareness amongst the future generation. The main motive of the Eco Club is to nurture and teach the importance of the environment to students.

Our vision

To be the best institution for protecting and creating environment awareness by educating the youth, offering programmes and resources for the students.

Objectives

- To motivate the students to keep their surroundings green and clean by undertaking plantation of trees.
- To promote a culture of conservation of water by minimizing the use of water.
- To maintain cleanliness in and around the campus.
- To educate students to create awareness amongst public and sanitary workers, so as to stop the indiscriminate dumping and burning of waste which causes respiratory diseases.

Major Activities

The Eco Club along with NCC cadets and NSS volunteers of the college does its best efforts for a green campus. IQAC provides the required guidance and impetus for various activities.

- Organize seminars and special lectures on environmental issues in the College.
- Campaign against banned carry bags, use of loudspeakers, banned fireworks, recycling of glass and metals, filling of water bodies in the adjacent area, etc.,
- Organize rallies, marches, human chains at public places with a view to spread environmental awareness.
- Action based activities like tree plantation, cleanliness drives both within and outside the College campus.
- Beautifying selected roadside areas, public places like hospitals, government offices, places of worship, etc., with plants and putting up campaign boards to generate awareness.
- Plantation programme is undertaken at regular intervals through Eco-club and NSS in the college premises and also in the premises of certain Government offices, Hospitals, Temples and orphan houses.
- Removal of waste plants and thorn bushes is done by Eco club with the help of NSS volunteers and other students from time to time. The volunteers of NSS Units collect scrap materials like plastics and other trash in the college and dump it in an appropriate place.

The Eco club of college organized and actively participated in the Swachh Bharat Programme

ECO CLUB ACTIVITIES 2020-21

World Environment Day on June 5th 2021

On the occasion of World Environment Day Intercollegiate competitions on 1.Collage making 2.Best innovative idea of Eco-friendly Practices(Photo/Video) 3.Rangoli Competitions- Natural Resources were conducted by Department of Botany and Eco-club of GDCW(A) Begumpet and Department of Botany and food & Nutrition of RBVRR Womens College(A), Narayanaguda on **June 5th 2021**. E-Certificates were given to all the Participants.

RBVRR WOMENS COLLEGE(A) NARAYANGUDA, HYDERABAD
&
**GOVERNMENT DEGREE COLLEGE FOR WOMEN(A)
BEGUMPET, HYDERABAD**
Department of Botany and Food & Nutrition
Eco club

Is organizing virtual intercollegiate competitions to celebrate
WORLD ENVIRONMENT DAY on 5th June 2021
Theme : Ecosystem Restoration

Registration links for the following Virtual competitions:
1. Collage making: Nature
<https://docs.google.com/forms/d/1e11bVdfoVvqldPIKyxNmsNSAxOS0umngeEclnPV/edit>
2. Best innovative idea of ecofriendly practices (Photo/Video)
https://docs.google.com/forms/d/1SYH0W8ATUSCHbv_v8lx65Ktq5iL6QG3et9Dx5IA_k/edit
3. Rangoli competition : Natural resources
https://docs.google.com/forms/d/1e93HADSKYK8hzH210cm8SV5Yw_A3hX9ZvYvuGe5XMH0/edit

Eligibility: UG/PG students

Free registration and E-certificates will be provided to all the participants

Winners will be notified and appreciation certificates will be given on 8/6/2021

Last date for submission : 4th June 2021

Dr. A. Rajani, HOD Botany , RBVRRWC
Dr. K. Usha Rani, HOD Botany
GDCW(A) Begumpet

Dr. J. Achyutha Devi
Principal, RBVRRWC, HYD
Dr. G. Sunitha (FAC)
Principal, GDCW(A) Begumpet, HYD

SWACHH COLLEGE

Last Saturday of Every Month, Botany Department & ECO CLUB has organized “Swachh College” where students of life sciences participated in Cleaning of Medicinal Garden and College premises



ECO CLUB ACTIVITIES 2019-2020

SWACHH COLLEGE

Last Saturday of Every Month, the ECO CLUB organized “Swachh College” where students of life sciences participated in Cleaning of Medicinal Garden.

ECO-FRIENDLY GANESHA

On 31-08-2019, distribution of clay ganesha idols was done before the festival of Ganesh Chaturthi to emphasize the importance of eco-friendly celebrations.



PLASTIC FREE CAMPUS

On 13-09-2019, Eco Club & NSS units of the college participated in a Rally and awareness program to make the college campus a Plastic Free zone. Students gave slogans on hazards of plastic usage and displayed placards saying the need for eco-friendly practices.



SHRESHT BHARAT – SWACHH BHARAT

Swachh Bharath: Eco club in collaboration with NSS students of various colleges in city took rally and carried out massive cleaning program to emphasize the importance of Cleanliness

on 28th January 2020.



ECO CLUB ACTIVITIES 2018-2019

WORLD ENVIRONMENT DAY

World environment day was organized on 5th June 2018 by the department of botany and eco-club. Staff and students of the college participated in Oath taking to protect environment. Slogan of the year for environment day is “BEAT PLASTIC POLLUTION”. Awareness rally was taken up with slogans and placards prepared by students. Students expressed their views on implementing cleanliness and conservation of environment. Staff and students cleaned the college premises.



TELANGANAKU HARITHA HARAM

On 11th June 2018 TKHH activities inaugurated in the college by the department of botany, eco club, NCC & NSS units. Principal Dr. Ghanshyam inaugurated the program by planting a sapling. Students also planted saplings of shade giving trees and fruit yielding trees.



ECO-FRIENDLY GANESHA

On 12th September 2018, distribution of clay ganesha idols was done before the festival of Ganesh Chaturthi to emphasize the importance of eco-friendly celebrations.



ECO CLUB ACTIVITIES 2017-2018

World Environment Day- Rally

World Environment Day was celebrated on June 6th 2017. Rally was inaugurated by the Principal who gave an inspirational speech about the importance of protection and conservation of the environment. The teaching staff of life sciences and eco-club motivated and encouraged the students to plant saplings on this day.



MASS TREE PLANTATION

Under the Telangana Harithaharam, a mass tree plantation was taken up by Eco club on 11th July 2017 to 18th July 2017. Principal Dr. P.Rajini inaugurated this program by planting a sapling. Begumpet corporator B.Tharuni was invited. Saplings were supplied

by GHMC.



TELANGANAKU HARITHA HAARAM (July-11 to 18, 2017)



Faculty & Students participating in Plantation drive

The celebration of this day provides us with an opportunity to broaden the basis for an enlightened opinion and responsible conduct by individuals, enterprises and communities in preserving and enhancing the environment. In this context, Faculty and students are encouraged to actively participate in planting saplings.



ECO FRIENDLY INITIATIVES

Facilities for Alternative Sources of Energy and Energy Conservation

The Institution has facilities of alternative sources of energy and energy conservation such as:

- i. Solar Energy
- ii. Use of LED Bulb

The institute received a grant from RUSA for installation of solar panels. Uniscan Power Systems installed 10 kw solar panels for supplying electric power to the college building. Due to this, approximately 8481kwh/year electricity is being saved.

Power requirement by renewable energy sources	Total power requirement	Renewable energy source	Renewable energy generated and used	Energy supplied to the ride
8481/Kwh/year	26890/ Kwh year	Solar	8481& 100% use	Nil

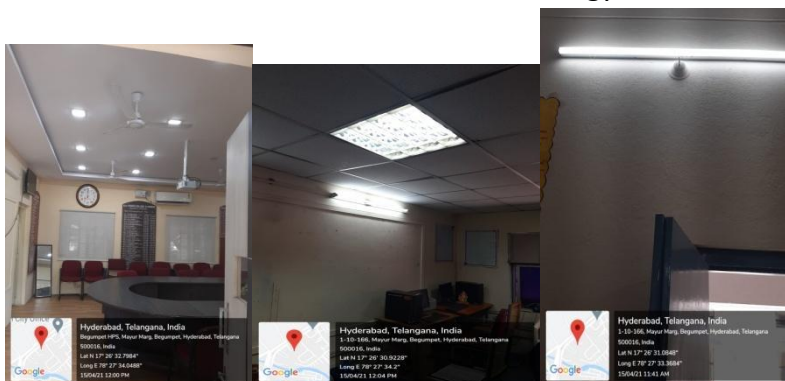
iii. The total energy consumption for the year Feb 2018 to Feb 2019 was 26890 kwh/year.

iv. Power requirement met by renewable energy source is 8481 kwh/ year

v. Percentage of power requirement met by renewable energy sources = (Power requirement met by renewable energy sources / Total power requirement) X 100
= (8481/26890) X 100 =**31.5%**



Solar energy



LED LIGHTS FOR POWER CONSUMPTION

Water Conservation Facilities available in the institution

1. Rain water harvesting



RAIN WATER HARVESTING PIT

2. Bore well

3. Maintenance of water bodies and distribution system in the campus (photo)



Rain water harvesting is a necessary process to recharge the groundwater level. The institution takes initiatives to harvest the rainwater in the campus.

Water harvesting pit

The college has the advantage of a slope in the middle of the college ground which makes possible the atomic storage and harvesting of the rain water.

Several awareness amongst the learners for rain water harvesting world water day is celebrated in the campus and rallies are conducted in the neighborhood to create awareness on saving water.

MANAGEMENT OF DEGRADABLE AND NONDEGRADABLE WASTE

The College has designed methods for the management of biodegradable and non-degradable waste generated on the campus using the basic waste management strategies of 3 Rs:

- i. Reduce – the amount of waste generated
- ii. Reuse – everything to its optimum level after proper segregation and cleaning
- iii. Recycle – the things which are recyclable and handover to the appropriate agencies

The waste generated on the campus includes solid, liquid and e-waste which are of both degradable and non-degradable nature and chemical waste. No classified hazardous waste is generated on the campus. The environmental policy of the Institution is to minimize waste to protect the environment and boost sustainability of the environment. The technique adapted to minimizing waste is to find the source of creation and degrade the source of wastage. When reducing waste becomes difficult, proper agencies are found to recycle the waste. This makes the campus clean, hygienic and healthy.

Solid Waste Management

Solid Waste Management is being given utmost importance and the waste is segregated before it is dumped. The nappy vending machines are provided to the students and pollution-free disposal of sanitary napkins is done through incinerators.

Every Lecture Room is provided with a waste paper collection box. The waste paper and newspapers thus collected are reused and recycled with the help of the BPCL Agency. Organic manure pit recycles organic waste from plants. Manure is utilized to enhance the greenery on the campus. To make the campus plastic-free the use of polythene and plastic is strictly prohibited in the college premises including the canteen. Awareness programmes are conducted on a regular basis by the NSS volunteers to use eco-friendly cloth and jute bags and quoting 'Say No to Plastic'. Biodegradable waste includes food waste, vegetable peels and dry leaves from plants and canteen. Two separate bins are placed with sufficient

distance and a truck is arranged to collect both the biodegradable and non-degradable waste materials and keep the campus clean.



Vermicompost pit



Liquid Waste Management

The Liquid Waste from the labs is directly disposed off through sewage to avoid hazardous effects on the environment. The Life Sciences Lab initiated the Green Chemistry / Eco Club Concept to avoid chemical hazards. Rain water from the terrace is directly drained into the trees and plants by a pipeline and reused to water the plants and rain harvesting pits. Proper drainage system is maintained to see that water does not get stagnated at corners or near the area where drinking water facilities are provided. RO Plant waste water is diluted and used for gardening and watering plants, etc.



Waste water is used for gardening and watering plants

E-Waste Management

E-waste or electronic waste is created when new laboratory facility is established in the Institution. Electronic products such as computer mouse, keyboards, monitors, compact discs, printers, scanners, copiers, calculators, fax machines, battery cells, etc. are disposed of after the end of their useful life. The Institution has identified a few certified vendors – TSTSL – for e-waste disposal. The Institution got a Certificate / MoU from the vendor ensuring that e-waste will be disposed of as per the prevailing norms without harming the environment.



ECOFEST

ECO CLUB organized Ecofest on 26-08-2017. In this program Rallies for awareness of environment protection, conservation of resources, waste management, etc were taken up. Dr. P.Rajini inaugurated the exhibition and gave informative suggestions. Students displayed compost preparation, biodegradable Ganesha, conservation of electricity and water, ill effects of fire crackers & synthetic holi colours, safe disposal of waste.



Students of Government Degree College for Women have actively participated In “RALLY FOR RIVERS” from Somajiguda to Police Line. THE Silent Rebellion was conducted by the members of rally for rivers on 31st August 2017.



BIODIVERSITY EXHIBITION

Biodiversity exhibition was organized by ECO CLUB in collaboration with Life Science departments. In this program final year students participated and explained about the importance of Biodiversity and Conservation.



ECO CLUB ACTIVITIES 2016-2017

MASS TREE PLANTATION

Under the Telangana Harithaharam, a mass tree plantation was taken up by Eco club in collaboration with botany department on 11th July 2016.

On 12th July 2016 Medicinal trees were planted in the college campus and their importance was explained to the students by the botany department in collaboration with Eco club.

On 18th July 2016 Tree plantation by Begumpet Corporator U.Tharuni along with principal and Life Science departments, Eco club, NCC and NSS volunteers.





VEGETABLE AND FRUIT CARVING

Eco club organized a fruit and vegetable carving exhibition on 24/01/2017. Students of all streams have participated and exhibited their skills. Principal Dr. P. Rajini inaugurated the event and said that such activities will encourage students to develop entrepreneur skills. Winners were given prizes on Republic day.

SWACHH BHARAT – CLEAN & GREEN PROGRAM

On 28th January 2017, Departments of Botany, Microbiology and Eco club organized a clean and green program. In this program college premises were cleaned by the students.

ECO CLUB ACTIVITIES 2015-2016

WORLD ENVIRONMENT DAY

World environment day was celebrated on 23/06/2015. Principal Dr.K.Padmavati inaugurated the program by planting a tree and addressed the gathering. She encouraged students to plant and nurture the trees. In this program lecturers Ms. Tasneem Farhat, Mr. Lala Goud, Dr. Sudha Rani, Dr. P. Vijaya, Ms. Sridevi, Ms. B.Vijaya Laxmi participated. Students of second and final year of BZC & BCM have participated and made the program successful.

MASS TREE PLANTATION

Mass Tree plantation was conducted in college premises on 5th July 2015 & 10th July 2015 (second phase) on the occasion of Haritha Haram. Final year BZC & BCM students have participated. In this program lecturers Ms. Tasneem Farhat, Mr. Lala Goud, Dr. Sudha Rani, Dr. P. Vijaya, Ms. Sridevi, Ms. B.Vijaya Laxmi participated.



WORKSHOP ON HERBAL COSMETICS

One day Workshop on Herbal Cosmetics was conducted on 23rd September 2015. Principal Dr.P.Rajini inaugurated the program. In this program, students exhibited the preparation of herbal shampoos, face packs, tooth powder etc.

WORKSHOP ON TELANGANA HARITHA HARAM

Senior officer from Telangana Forest department graced the One day Workshop on 29/02/2016 on Telangana Haritha Haram. Senior faculty Ms. Tasneem Farhat addressed the gathering. In this they have emphasized on implementation of Haritha Haram by the Telangana Govt.

