



Certificate



This is to certify that **Government College for Women Anantnag, Jammu & Kashmir** is now Recognized as **Swachhta Action Plan Institution**. The Institution has successfully formed the Swachhta Action Plan Committee and constituted the working groups Post COVID-19 for **Sanitation & Hygiene, Waste Management, Water Management, Energy Management** and **Greenery** along with the observation of two environment related days to inculcate in faculty, students and community, the practices of Swachhta and Reduction, Reuse and Recycling of Resources.


Dr. W G Prasanna Kumar
Chairman

Mahatma Gandhi National Council of Rural Education
Department of Higher Education, Ministry of Education
Government of India

Cert:SAP/MGNCRE/MoE/September/2021

STEPUP! CONSERVE WATER ON CAMPUS
UNDER
SWACHHTA ACTION PLAN
2021-22

REPORT SUBMITTED BY
WATER MANAGEMENT TEAM



GOVT DEGREE COLLEGE FOR WOMEN
ANANTNAG, J&K

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Prof. Saima Munshi
Convener
Water Management

So long as you do not take the broom and the bucket in your hands, you cannot make your towns and cities clean.

Mahatma Gandhi

INTRODUCTION

Government Degree College for Women Anantnag, established in 1979, accredited with Grade B (2.81) by NAAC, is one of the famous and leading colleges of the valley situated in the heart of Anantnag town on the right side of Khanabal-Pahalgam road while travelling from Srinagar to Pahalgam. The college is housed in spacious, pollution-free, picturesque and lush-green campus in the town. For many years, the college was the only women's college in the entire South Kashmir, thus has contributed a lot for the educational and social upliftment of women folk of the area. Presently the college provides admissions in different streams such as BA, BSc, B. Com, BBA, BCA etc. The college has an enrolment of more than 7000 students.

Swachh Bharat Abhiyan is the most significant cleanliness campaign by the Government of India to make the country completely clean and hygienic. A clean India would be the best tribute, India could pay to Mahatma Gandhi on his 150 birth anniversary in 2019," said Shri Narendra Modi as he launched the Swachh Bharat Mission on 2nd October 2014. The campaign aims to achieve the vision of a 'Clean India' by 2nd October 2019. By inviting people to participate in the drive, the Swachhta Abhiyan has turned into a National Movement.

Water management team (Swachhta Action Plan Committee) of Govt. Degree College for Women Anantnag, Jammu and Kashmir under MGNCRE, Ministry of Education, Government of India, is making great effort to conserve water. All water coolers of the college have been regularly maintained to ensure clean drinking water. Productive and efficient methods are implemented to improve the campus capacity and drinking water quality and these methods are monitored and the efficiency is evaluated. The College has modernized toilets separately for students and faculty with tile flooring, 24 hours water facility. Toilets are cleaned minimum three times each day with cleansers.

College has educated and increased awareness to students and staff under the SAP programme regarding the importance of water to life, and the need for conservation and efficient use of water. It has organized various outreach programmes under the leadership of NSS, Environmental Science Department, waste management committee and other student bodies. It has established relationships between environmental, societal leaders and policy makers to

identify obstacles and opportunities to increase the role of conservation and efficiency in making urban water supply sustainable.

India receives ample rainfall. The best way to conserve and replenish our water sources is by harvesting rainwater. Rainfall is the primary source of freshwater for us. Roof top water harvesting structures have been designed in the buildings which is then utilized for other purposes like watering of the campus gardens.

VISION

College will educate every campus user on how and why to conserve, appropriately use, and protect the quality and quantity of water sources. Our College will act on water conservation opportunities to reach our minimum annual goal of a five percent water reduction each year for the next five years and continue to be a national campus leader, setting and exceeding the standard in water conservation and quality efforts.

MISSION

To develop a progressive, self-reliant and economically stable water, campus committed to provide safe, potable, adequate and affordable water supply. More so, looking forward to improve existing water supply facilities considering among others, sanitation and other allied services to safeguard the environment.

WATER MANAGEMENT POLICY

To provide adequate water supplies to meet demands of the campus.

- To provide clean, safe, reliable drinking water at all times in the college campus.
- To increase water availability through recycling.
- To enable water storage and propose conjunctive management of surface and groundwater
- To protect the groundwater resources from contamination
- To minimize point-source and non-point-source pollution including Chemical effluent.
- To work with local land, water, wastewater and storm water agencies, project proponents and other stakeholders to develop policies, ordinances and programs that promote water management goals and to determine areas of integration
- To undertake activities to sensitize students about Climate change.

- To enhance monitoring network and information sharing to support proper management of watersheds through community outreach.
- Incorporate water efficiency measures into all new and refurbished facilities through best practice in water efficient design, the selection and sizing of equipment, systems and other water infrastructure.
- Maintain equipment and control and manage water infrastructure in order to maximise efficiency.
- Monitor and report on the institutions water consumption at micro and macro levels and identify and implement opportunities for improved water efficiency.
- Promote awareness of the responsibility for water conservation to staff, students and contractors.
- Pursue the use of alternate water sources to supplement potable water use.
- Strive to meet legislative requirements and to minimise environmental impact.
- Strive to procure, distribute and maintain water resources at the lowest cost.

IMPLEMENTATION OF ACTION PLAN

A team is formed to create and implement the water management policy in the college campus. The team visually inspects all the water conservation system in the campus periodically. This team ensures primarily on the regular monitoring of quality of drinking water, maintenance of water distribution system. The water demand, wastage of water and the quantity of the water in the campus is quantified periodically. The up-to-date plumbing is available to assess the performance of plumbing components of the campus. Productive and efficient methods are implemented to improve the campus capacity and drinking water quality and these methods are monitored and the efficiency is evaluated. The standard operating procedures are developed and documented. We conduct the meetings regularly and review the policy.

Water levels of all conservation systems are monitored. Verify the water quality periodically and measures are taken to improve the water quality. The water demand and wastage of water of the institution and hostel of the college are quantified. Review of project proposals in the area of water conservation system is done which would be beneficial for preserving the water management in the college campus. Further we conduct seminars and outreach programmes for providing the awareness for saving the natural resource and reduce the wastage of water to students and public. Also there is engagement and collaboration with

students, staff as well as non-teaching faculties of the campus and the implementation of water wise gardening. Rain water harvesting and storage in all buildings.

STUDENT TEAM

1. Miss Hadiya Ali
2. Miss Uzma Shabir
3. Miss Ifshan Sajad
4. Miss Shabnam Jan
5. Miss Farhana Hameed
6. Miss Bazila Mushtaq
7. Miss Iqra Rashid
8. Miss Rahila Jan
9. Miss Urmila Irshad
10. Miss Aalishan Farooq

ORIENTATION OF SWACHH STUDENT AS WELL AS FACULTY

The water management team has conducted training programme and orientation to the students and staff member of the college on practical ways of cleanliness and steps in swachh campus initiative. Guest lecturers were provided by experts with interactive group discussions.

SURVEY OF THE CAMPUS AND REPORT

Water management team has inspected all the buildings/blocks of the college campus including canteen and hostel to assess the various issues related to availability and conservation of water in the college.

We have

- Number of washrooms functional = 72
- Number of washrooms non-functional = 02
- Number of water storage tanks = 42 (55 thousand litres)
- Water consumption on daily basis (Approximate 21 thousand litres)
- Blocks where rainwater harvesting is in place – 02 (Block B and C). Currently being used for gardening.

- Rainwater harvesting needs to be installed in all other blocks of the campus to be utilized for irrigation and washroom purpose.
- Proper drainage system to be maintained in the campus.
- Storm water is being used for ground water recharge.

Water Sources Audit	Response
Number of water tanks on the campus	42
What are the water sources and their number; e.g. <ul style="list-style-type: none"> • Bore-wells • Canals 	Municipal water taps
Number of times the tanks are filled	Once in 2 days (those on motor)
How much time does it take to fill each tank	1 hour/tank
How many rainwater harvesting pits are there on the campus?	1
Is water recycled on the campus?	No
Are there any leakages of pipelines or taps?	No
Do all the faucets have water efficient dispensing mechanism?	No
What kind of plants are there on the campus - those that need lots of water or those that can do with little watering?	Little watering
To clean the rooms and toilets, are chemical cleaners (phenyls) used or natural products?	Phenyl

Recommendation and requisitions have been made to Principal of the College by the water management team based on the survey, regarding the installation of water harvesting system in the all the blocks. In order to increase the efficiency of water conservation requisitions have been made regarding the increased the availability of water sprinklers, aquaguards and water filters etc. The team has suggested leakage detection and repairs as well as preventative maintenance.

CONCLUSION

Recommendations for the college would include educating students and faculty and visitors who use the water appliances on campus on how to conserve water, using examples from other campuses to promote conservation through public awareness and the usage of efficient fixtures, acting as a role model for the entire Anantnag town to be more aware of the importance in water conservation, and thinking critically of the ways in which the campus is run and how it

affects the level of water use. The GDC Women Anantnag is already making efforts to improve upon the efficiency of water use as well as limiting pollution of runoff; however, there are a number of simple changes that can be made to the way certain procedures are carried out that would significantly decrease water consumption on campus. Conservation at the college campus can happen through a variety of different means. Students and staff can make a conscious decision to decrease the amount of water they use. Or, conservation can come from major changes to the infrastructure on campus that may be initially costly, but with proper use pay off in a big way. Water is an important and increasingly limited commodity. This report should serve as a guide for the community that can be used to further protect this limited resource.

PROGRAMME COORDINATORS

Convener ----- Prof. Saima Munshi

Member ----- Prof. Shahid Shafi

Member----- Dr. Najeeb Ahmad Bhat

Plumber ----- Mr. Bilal Ahmad

Plumber ----- Mr.Aadil Ahmad Dar



WATER DRAINAGE SYSTEM



AVAILABILITY OF WATER TO THE LIBRARY



**TEACHER CREATING AWARENESS AMONG STUDENTS
REGARDING WATER CONSERVATION**



STUDENT TEAM



WATER MANAGEMENT TEAM



POTABLE DRINKING WATER



POTABLE DRINKING WATER



WATER HARVESTING SYSTEM



POTABLE DRINKING WATER



WATER CONSERVATION OUTSIDE THE CAMPUS



WATER CONSERVATION AWARENESS PROGRAMME



OFFICE OF THE PRINCIPAL

Government Degree College for Women

Anantnag

NAAC Re-Accredited Grade B (CGPA 2.81)



No:- WCA/21/UBA/1111

Dated: 06-10-2021

The District Collector,

Anantnag

Subject: Identification of villages under the UBA program.

Dear Sir

Ministry of Human Resources Development (MHRD), Government of India has launched the national program called Unnat Bharat Abhiyan (UBA), with the vision to involve professional and higher educational institutions in the development process of rural areas in the country to achieve sustainable development and better quality of life. Indian Institute of Technology, Hauz Khas, New Delhi has been designated to be the National Coordinating Institute by the Ministry.

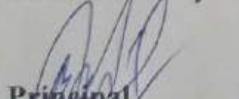
Our college namely **Govt Degree College for Women Anantnag** with AISHE Code **C-21454** has agreed to participate in UBA as a Participating Institute (PI). **Mr Rouoof Habib Ganie** with email id roufhabib25@gmail.com and Phone number **9149527435**, has been duly authorized in this regard from our side to carry on the activities of UBA in our organization as Project Coordinator.

Under the UBA program every Participating Institute is to adopt a cluster of five villages in consultation with the Districts Collector. This is to bring to your kind notice that we have proposed the following villages in the district Anantnag.

1. CHEE (OG)
2. SHAMSIPORA (OG)
3. MATIPORA
4. NUN WANI
5. PAI BUGH

In view of the above the Project Coordinator may contact your officer for the purpose. We request you to please help and cooperate in the matter.
With regards

Yours Sincerely


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