

# WATER MANAGEMENT SYSTEM

## SARBATI DEVI WOMEN'S COLLEGE RAJGANPUR

### INTRODUCTION:

Sarbati Devi women's college is located on a beautiful campus of near about 2 acres. The college main building is in the heart of the Rajanganpur town. The whole campus is divided into 5 blocks. There are two girls hostel building inside the campus namely SILVER JUBILEE HOSTEL AND U.G.C HOSTEL. This college is recognized as a premier institution of higher learning that nurtures intellectual striving, vibrant curricular activities outreach initiative and civic engagement.

### OBJECTIVES:

- 1) To monitor the water consumption and water conservation practices.
- 2) To access the quantity of water ,usages, quantity of waste water generation and their reduction and uses within the college.

### OBSERVATION:

- 1) Rain water harvesting unit is constructed in front of main college building and another unit is built in backyard, this rain water collected in the units are used for watering the garden and directly to the earth
- 2) Two numbers of soak pits are built in New Academic Building for conservation of ground water level.
- 3) There are three numbers of bore wells in the college campus for fulfillment of water requirements.
- 4) One water reservoir is constructed in botanical garden to store surface water which is used in gardening purpose and cleaning purpose.

### ACHIEVEMENTS:

- 1) Reduction in water consumption.
- 2) Utilization of R.O waste water for cleaning.
- 3) Increase in ground water level through soak pit construction.

*Resham Ara Begum*  
DE - 08.04.2024

*Principal 08/04/24*  
S. D. Women's College  
Rajgangpur





