

## Water Management Cell

### Introduction:

Water is one of the most basic requisite for survival on Earth. Its scarcity is a prime challenge that India faces today. The high-rise of infrastructure, population growth, lack of planning and other miscellaneous factors are making the situation worse. India's demand for water is estimated to be double the available water supply by the year 2030. Keeping in view the sensitivity of concerning matter, a Water Management Cell is established in the college.

### Objectives:

- Maximize water use efficiency and minimize wastage of water
- Aware students and teachers for efficient water use and conservation
- Organize awareness programmes under NSS and other student cells.
- To educate and raise awareness regarding the importance of water to life.
- To keep check on unwanted excess usage of water.
- To identify priorities area which need immediate attention for control and maintenance.
- For planning of water storage and supply.
- Ensure awareness about the water conservation policy of the college among all the staff and students

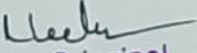
### Action Plan:

- Students are given awareness on conservation of water throughout the year.
- The college maintains leak proof water fixtures.
- Immediate measures to deal with water leakage through taps, pipes, tanks, toilet flush etc.
- For waste water management the staff and students are advised to minimize water wastage by turning off taps when washing their hands and report any leaking taps.

- Every effort is taken by the staff and students to reduce wastage of water in canteen and washrooms.
- Cleanliness of water tanks and water purifiers at regular intervals.

Activities to be undertaken:

- Awareness via morning assemblies and other co-curricular activities
- Literary competition like essay writing, Poem recitation etc.
- Slogan writing, Poster making competition
- Celebration of World Water Day

  
Acting Principal  
M.G.N. College of Education  
Jalandhar



#### 7.1.4

### INSTITUTION WATER MANAGEMENT INITIATIVES

1. Reservoirs/tanks/ bore wells
2. Economical usage/ reduced wastage

**Water Management Initiatives of M.G.N. College of Education, Jalandhar are as follows:**

#### **1. Reservoirs/tanks/ bore wells**

The college has the provision of rooftop tanks. There is continuous water supply through storage tanks located on the rooftop as well as underground. There is plenty of water availability for usage for the staff, day scholars and hostel students. The availability of water for usage is given as follows:

Total no. of Tanks of 3000 litre capacity= 1 = 3000 l

Total no. of Tanks of 1000 litre capacity= 1 = 1000 l

Total no. of Tanks of 500 litre capacity= 1 = 500 l

total water available = 4500 litres

Number of times tanks are filled every day = 2 times

So, water made available for usage in the campus is  $4500 \times 2 = 9000$  litres

#### **2. Economical usage/ reduced wastage**

To have an economical usage and reduced wastage of water in the campus, the staff and students are advised to minimize water wastage by turning off taps when washing their hands and report any leaking taps. The staff and students are advised to minimise water wastage by turning off taps when washing their hands and report any leaking taps.

Students are encouraged to bring refillable water bottles and reduce wastage of water in washrooms and canteen.

#### **Economical usage of water in the campus**

The usage of water depends upon the no. of students, faculty, staff) X (approx. 20 litres of water consumption) of water consumed by them.

Total no. of students = 138

Total no. of faculty=17.

Total no. of non-teaching and supporting staff = 11

Usage of water of day scholars = $138+17+11 \times 20$  litres).

So, the total usage of water in the institution = 3320 litres

Thus, the usage of water is much less as compared to the water available in the campus.