



### 7.1.4 Water conservation facilities available in the Institution:

- 1. Rain water harvesting
- 2. Bore well/Open well recharge
- 3. Construction of tanks and bunds
- 4. Waste water Recycling
- 5. Maintenance of water bodies and distribution system in the campus

## **Options:**

- A. 4 or All of the above
- B. Any 3 of the above
- C. Any 2 of the above
- D. Any 1 of the above
- E. None of the above

**Response:** A. 4 or All of the above







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## **Water Conservation Policy**





#### WATER CONSERVATION POLICY

#### Introduction

There are several water conservation systems available inside the campus which supplies drinking water to a large academic community of the entire institution. A water management policy is essential to assure the quality of water is available to all the students, Faculty and staff members of GJIMT.

#### Objectives

- To ensure adequate water supply to meet the demands of the campus.
- To provide clean, safe, and reliable drinking water at all times.
- To increase water availability through recycling.
- To guard against contamination of groundwater resources.
- To protect, restore, and rehabilitate the habitat for species protection.
- To collaborate 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.
- To carry out activities to raise public awareness about climate change.
- To increase water resource-related recreational opportunities.

#### Procedure

A team is formed to create and implement the water management policy in the GJIMT The team should periodically inspect all the water conservation systems in the campus This team ensures the regular monitoring of the quality of drinking water, the maintenance of the water distribution system and the effective utilization of the waste

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# **Rainwater Harvesting System**



**Layout of Rainwater Harvesting System** 



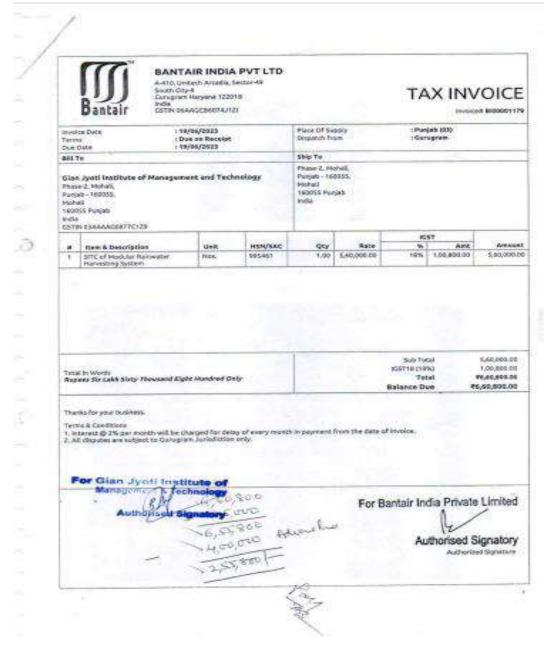
Rainwater Harvesting and Recharging System at GJIMT, Storing Up to 5000 Liters of Rainwater







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Payment Invoice for Modular Rain Water Harvesting System from Bantair India Pvt. Ltd. to GJIMT dated 19.06.2023





## **Construction of Tanks and Bunds**



On-campus water tank used for storage and efficient distribution of water resources



Construction of angled brick structures to prevent surface runoff and promote water conservation on campus







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Construction of earthen bunds to support rainwater retention and sustainable usage





# **Waste Water Recycling**

#### **Waste Water Utilization**

GJIMT has adopted efficient water usage practices to reduce waste. Wastewater from the water coolers is collected through pipes and repurposed for watering plants, reflecting the institute's commitment to water conservation. Additionally, water collected from air conditioners is gathered in buckets and used for floor cleaning. With multiple AC units across the campus, the collected water is more than sufficient for cleaning purposes, further supporting the institute's water conservation efforts.

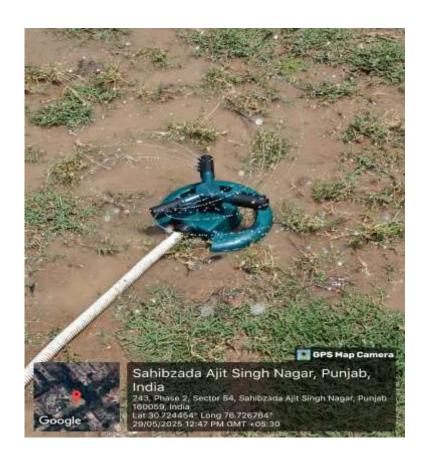


AC condensate water collected in buckets for gardening and sanitation use on campus





# Maintenance of Water Bodies and Distribution System in the **Campus**



Efficient water management through sprinkler-based irrigation system







B 2 C INVOICE GSTIN: 03ADDPG6417F1Z3 Ph.: 0172-5098507 & HARDWARE STORE BOOTH NO. 2&3, PHASE 2, S.A.S. NAGAR (MOHALI) 3213 Invoice No. Qty. Description of Goods Rate Amount GST% No. Amount mikler ١. 250 Bank Detail: PUNJAB NATIONAL BANK Total Account No.: 04081010000310 SGST@....9... IFS Code : PUNB0040810 Address SCF. 33, Phase-1, Mohali-160055 IGST@..... G. Total FOR RAJ PAINT & HARDWARE STORE Goods once sold are not returnable, exchangeable. Auth. Signatory All disputes are subject to be Mohali jurisdiction.

Invoice for purchase of sprinkler system dated 29.05.2025