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| **7.1.4**  **QnM** | ***Water conservation facilities available in the Institution:***   1. Rainwater harvesting 2. Borewell /Open well recharge 3. Construction of tanks and bunds 4. Wastewater recycling 5. Maintenance of water bodies and distribution system in the campus   **Options:**  A. Any 4 or all of the above  B. Any3 of the above  C. Any2 of the above  D. Any1of the above  E. None of the above **(Opt any one)**  **Response: A**  **1. Rainwater Harvesting**   1. Rainwater harvesting is done effectively in MMMUT campus. Many rainwater harvesting facilities are constructed within the campus. 2. Rainwater harvesting facilities is provided in all newly constructed buildings and extension of library building, extension of Computer Science & Engg building and Ramanujam hostel. The provision of rainwater harvesting facility have been proposed in the newly/ under construction buildings. 3. The institute ensures that the water wastage is minimized through regular check and corrective measures taken on leaky taps and pipes etc. 4. All open terraces are filled with collection pipes to route rainwater harvesting and sent to the ground through the designed drains. Drain connected from all the building towards lower level through external drain. 5. The rainwater is diverted through wide shallow channels spread over the entire campus, thus ensuring the conservation of rainwater 6. **Borewell/ Open well recharge**   Open well water recharge facility is provided by digging pond/ open pit behind Ramanujam boy’s hostel. Other open well recharge resources are natural low land area of university campus.  **3. Construction of tanks and bunds**  The institute has a well-established water distribution system for the entire campus. It has two over tanks having capacity of 2,25000 Liters and 1,12,500 Liters. It has also 5 pumps through which water is pumped and stored in an elevated water tank and supplied to the consumers. Constructions of bunds are not required in the campus.  **4. Maintenance of water bodies and distribution system in the campus**  The purpose of distribution system is to deliver water to the consumer with appropriate quality, quantity, and pressure. Distribution system is used to describe collectively the facilities used to supply water from its source to the point of usage. The distribution of water supply is carried out in such a way that it is capable of supplying water at all the intended places with sufficient pressure head. Maintenance work is carried out regularly to minimize the wastage of water through leaky taps and pipes etc.  There is continuous water supply distribution system for the entire campus for 24 hours. This system is fully enclosed networking water supply of main pipe i.e. 6 inch, 4 inch and 3 inch dia pipes of cemented & G.I. pipes. The distribution pipes having 2 inch dia, 1.5 inch dia and 1 inch dia are made up from G.I. pipes and are partially closed networking and partially end networking. |