



## WATER CONSERVATION MEASURES

Water conservation facilities available in the Institution:

1. Rain water harvesting
2. Construction of tanks and bunds
3. Maintenance of water bodies and distribution system in the campus

### 1. Rain water harvesting

Our college adopted the rainwater harvesting technique in the year 2016 in order to replenish the level of potential groundwater. The college management has constructed four pits with dimensions of 10m×8m×5m. This helped in raising of ground water level in turn, we are able to meet the total needs of the college during the summer also further because of enhanced water availability the college is able to protect and grow the plants in the college campus.

Keshav Memorial Institute of Commerce and Sciences is a responsible institute and care for its natural environment. To discharge its environmental responsibility, the Institute started rain water harvesting plant to conserve and make best possible use of rain water. Under the project we direct rain water from the roof of the buildings and store it in rain water tanks dug around the campus to recharge the ground water. The groundwater thus gets recharged resulting in increased level of ground water. Rain water harvesting project helped in making water available even in the dry months of the year.

S. No	Place of Rain Harvesting Pit	Measurements
1	Near U.G Building	2.8m×2.8m×4m
2	Near U.G Building	2.8m×2.8m×4m
3	Near U.G Building	2.8m×2.8m×4m
4	In the ground	10m×8m×5m

  
PRINCIPAL



# KESHAV MEMORIAL INSTITUTE OF COMMERCE & SCIENCES

( Affiliated to Osmania University )

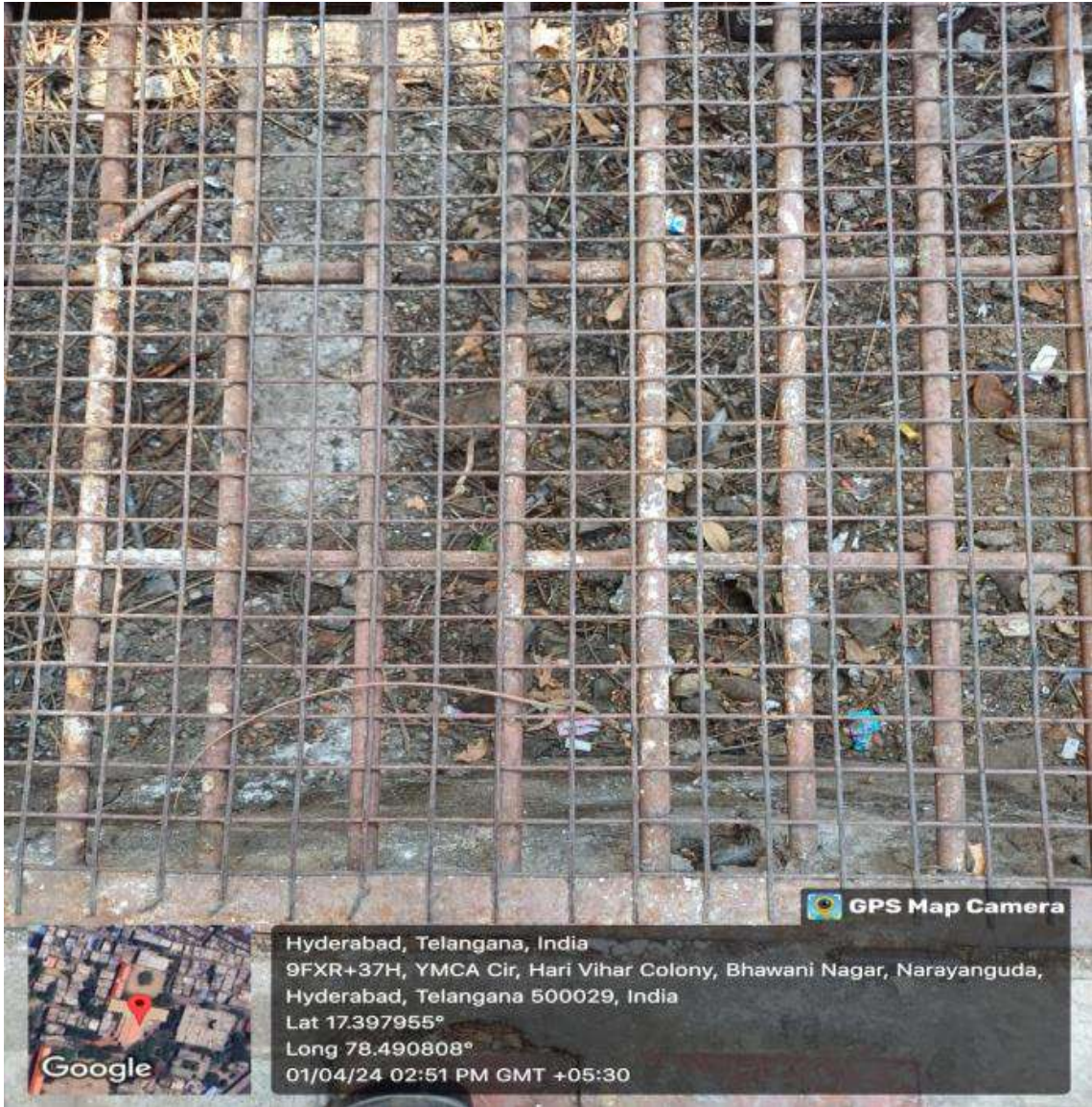
A Unit of Keshav Memorial Educational Society

3-5-1026, Narayanaguda, Hyderabad - 500029 Ph : 040 2322 4651, 8331029974

E-mail : [principal.kmics@gmail.com](mailto:principal.kmics@gmail.com)

Website : [www.kmics.ac.in](http://www.kmics.ac.in)

ESTD. 1945



**Rain water harvesting pit**

*V. Senthil*

PRINCIPAL

Keshav Memorial Institute of Commerce & Sciences

Narayanaguda, Hyderabad-500 029

College Code No: 1110/318



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Date : 15/06/2018

### WORK ORDER

A proposal is given to Sri.K.Anjaneyulu, Abhishree Constructions and Developers, Plot No. 8, H.No. 14-20-677/N/8, Road No 9, V.V Nagar, Allapur, Borabanda, Hyderabad, for the maintenance of rain harvesting pit and gardening in Keshav Memorial Institute of Commerce and Sciences campus.

#### Scope of Work:

##### Garden Maintenance:

- Regular mowing, edging, and trimming of the lawn to ensure a neat and tidy appearance.
- Pruning and shaping of bushes, shrubs, and hedges to maintain their health and aesthetic appeal.
- Seasonal planting of flowers and plants to add color and vibrancy to the garden.
- Weed control and removal to keep the garden beds clean and well-maintained. Soil cultivation, fertilization, and mulching to promote healthy plant growth.

##### Rain Harvest Pit Maintenance:

- Regular inspection of the rain harvest pit for debris buildup and clogging.
- Cleaning of the pit surface and removal of any accumulated debris to prevent blockages.
- Inspection and maintenance of inlet and outlet pipes to ensure proper water flow.
- Monitoring of water levels and overall functionality of the rain harvest system.
- Prompt repair of any damages or leaks to the pit liner or associated components.

##### Terms and Conditions:

- Payment: The annual compensation for this contract will be two lakhs per year, payable in equal monthly installments.
- Termination: Either party may terminate this contract with a 30-day written notice for any reason.
- Insurance: The gardener shall maintain appropriate liability insurance coverage throughout the duration of the contract.

Accordingly Sri.K.Anjaneyulu, Abhishree Constructions and Developers, is hereby given the work order as per the terms and conditions.

  
JOINT SECRETARY

To

Sri.K.Anjaneyulu,  
Abhishree Constructions and Developers,  
Plot No. 8, H.No. 14-20-677/N/8,  
Road No 9, V.V Nagar,  
Allapur, Borabanda,  
Hyderabad

  
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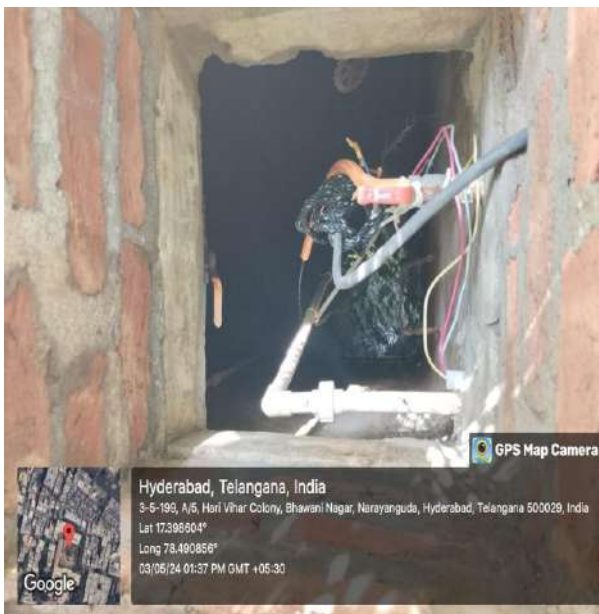
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## 2. Construction of tanks and bunds

Campus is equipped with underground water tanks for storage of water for catering needs of the faculty and staff at Academic Buildings.



**Bore Well**



**Construction of Sumps for storage of water near P.G Block**

*V. Senthil*  
PRINCIPAL

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**Construction of Sumps for storage of water near U.G Block**

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## MAINTENANCE OF WATER DISTRIBUTION SYSTEMS IN THE CAMPUS

The ground water is pumped into storage tanks located at different places in the campus. There are two numbers of overhead storage tanks. The water is distributed through well laid pipe network. Drinking water after treating in RO plant is supplied through a separate set of distribution pipes and water for all other purpose is supplied through another set of distribution pipes. There are two RO plants in campus. Entire distribution system is well supervised by Civil works committee to ensure that there are no leakages and wastages of precious water through joints, valves etc. Waste usage of water is reduced using low pressure flushes. All the stakeholders of the college are well educated to use water economically and efficiently. Institute also practice reusing the waste water generated from RO purifiers. This waste water is used in washroom.

### Over headed Storage tank



*V. Senthil*  
PRINCIPAL  
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## RO PLANT

*V. Senthil*  
PRINCIPAL

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