## GOVRNMENT DEGREE COLLEGE, KHIRATABAD DEPARTMENT OF CHEMISTRY

Field trip to the Ground water department, Telangana.

On

World Water Day (22 March 2022)

On the occasion of World Water Day, i.e on 22-3-2022, Department of chemistry organised a field trip to Ground Water Department Hyderabad, Telangana

The theme of the World Water Day 2022 is "Ground water: making the invisible visible"

The 5 'R's of Water Conservation Need to be implemented

'R'EDUCE WASTAGE OF WATER

'R'E-USE USED WATER

'R'ECHARGE TO GROUUND WATER

'R'ECYCLE WASTE WATER

'R'ESPECT WATER

The Principal, staff and students of GDC, Khairatabad and Deputy Director, Assit.Director of Ground water department Participated in the rally from Department of chemistry GDC, Khairatabad to ground water department ,Students actively participated in the rally with slogans to enlightened and make awareness about the importance of water and need to conserve the ground water.

Director of Ground water Department explained importance of water and how to conserve water, They also explained about Piezometer and Roof Water Harvesting through Recharge pit, later the following Water Pledge was taken by Staff and students.

"I take an oath to conserve water and to use water wisely .I pledge to consume water judiciously and not waste even a drop of water. I'll treat water as the most precious treasure that possess and consume it accordingly. I pledge to motivate my family, friends and neighbours to use water wisely and not to waste it. It is our planet and only we can save it.

## Invaluable, but we don't bother

| Purpose            | Method of Use                         | Quantity<br>Used | 2003000   | Quantity required | Savings  |
|--------------------|---------------------------------------|------------------|---|-------------------|----------|
| Hand wash          | If tap is open for 2 minutes          | 18 lit           | 2 mugs of water                                   | 0.5 lit           | 17.5 lit |
| Shaving            | If tap is open for 2 minutes          | 18 lit           | 2 mugs of water                                   | 0.5 lit           | 17.5 lit |
| Shower bath        | If shower is used for 5 minutes       | 90 lit           | Stopping shower<br>after head and body<br>are wet | 20 lit            | 70 lit   |
| Toilet flushing    | Use of old model flushing boxes       | Over<br>15 lit   | Watering with bucket                              | 9 lit             | 6 lit    |
| Natering<br>Plants | If hose pipe is open<br>for 5 minutes | 120 lit          | Watering with bucket or water can                 |                   | 115 lit  |

students along with 6 staff members attended the field Trip.

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| WORLD WATER DAY - 22-03-208  | 22                |
| FIELD TRIP TO GIROUND WATER  | DEPARTMENT        |
| WORLD WATER DAY - 22-03-208 FIELD TRIP TO GROUND WATER THEME! Ground water - Making the  | Invisible Visible |
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|      | D. Sviskeni                   | BSC (BZC)   | D. Smiani         |
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| 26)  | M. Saiteja                    | B.Sc (BZC)  | M. Saiteja.       |
| 21   | J. Swaraj                     | \$ 50 (B2C) | 801               |
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| 28   | N. Magaraju                   | Bze (BSB)   | N. Naggagiu       |
| 29.  | K. Shashmitha Reddy           | BLBL (BSC)  | Shashi            |
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