

**Indira Gandhi National Open University, Maidan Garhi,**  
**New Delhi-110068**

**Sub:** - *Jal Shakti Abhiyan* : Catch the Rain-2022

**Ref:** UGC letter DO.No.2-19/2022(CPP-II), dated : 25<sup>th</sup> March 2022

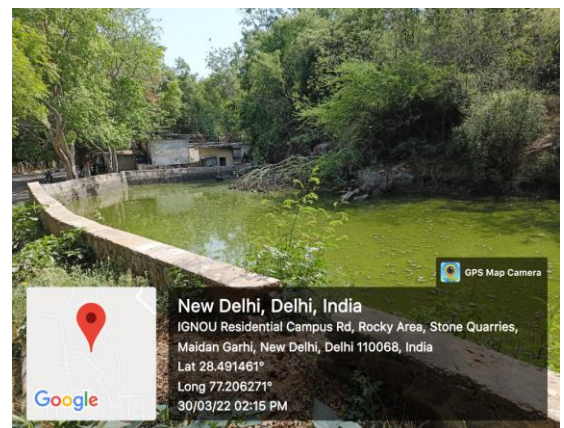
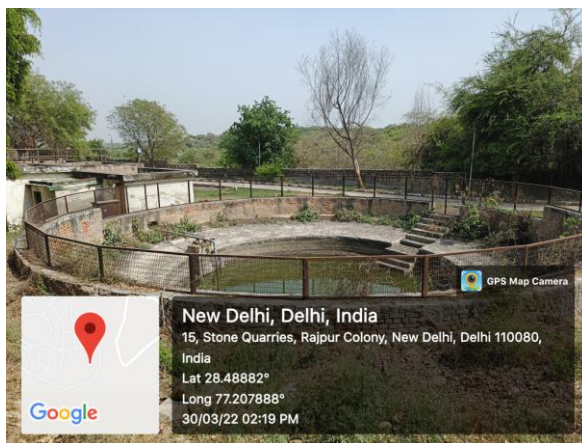
**Action Plan of Indira Gandhi National Open University (IGNOU)**

The Campus of IGNOU is spared over around 150 acres and has undulating, gravely and rocky physiography. The campus has huge greenery developed by massive plantation of different plant species. There is a good mixture of seasonal and perennial plant species in the campus. The maintenance of landscape is carried out organically. The plant saplings are re-generated through different plant propagation techniques using at existing mother plants.

The University has created facility to harvest the used water from all its buildings in premise including the residential quarters. The Rainwater Harvesting and Ground water recharge mechanism have also been created at many places in the campus.

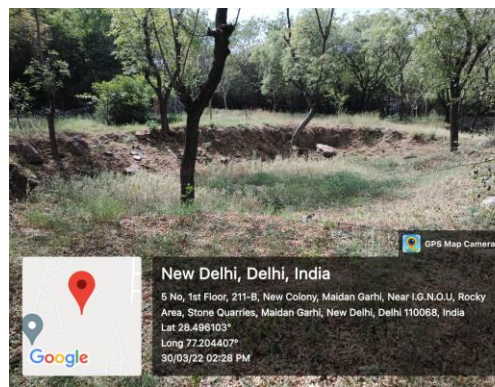
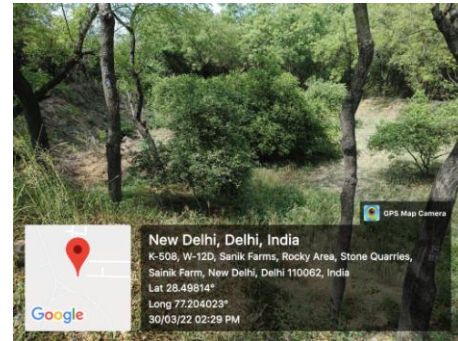
**The University is taking the following activities in this regard:-**

- (i) **Extensive use of Sewage water (treated) for irrigation purpose. There are STPs (Sewage water Treatment Plants) functional in the campus.**



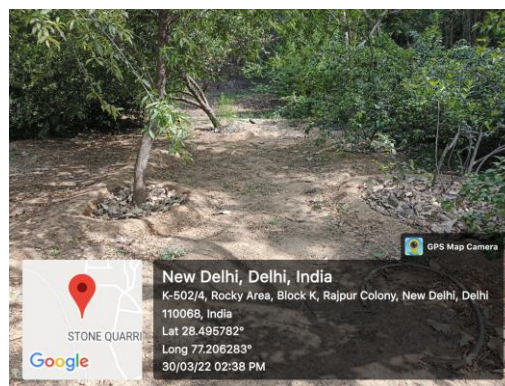
**Sewage Treatment Plant**

(ii) The rainfall is caught where its falls and allowed to recharge the Ground water by creating ditches and plant beds.



Natural ditches in the campus

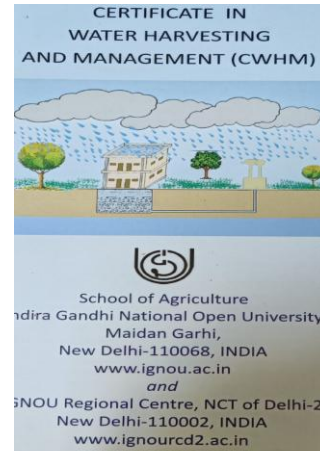
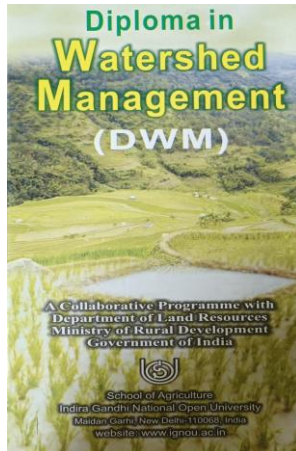
(iii) Extensive mulching using dried plant leaves and other biomass to protect moisture *in situ*.



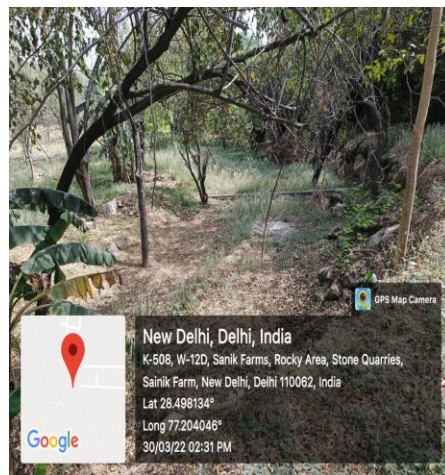
Mulching with dried leaves to protect soil moisture

**(iv) Creating awareness among the learners/students about Rain water harvesting through two educational programmes :**

- (a) Certificate in Water Harvesting and Management
- (b) Diploma in Watershed Management.

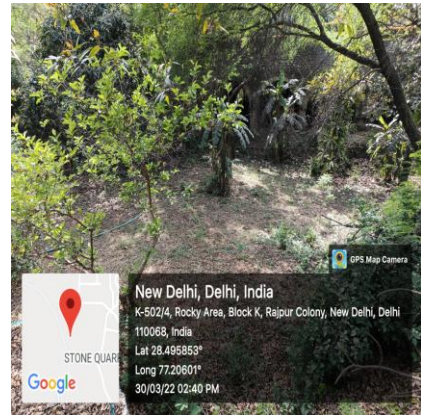


**(v) Allowing infiltration of Rain water through ditches and beds of plants.**



**ACTION PLAN FOR 2022 (MARCH END TO 30<sup>TH</sup> NOVEMBER 2022):**

- (i) Digging of small ditches (3 M x 1M x 2 feet) at the appropriate elevations to harvest the rainfall water *in-situ*.
- (ii) **Cleaning of Natural Ditches collecting Rainwater and recharging the Groundwater.**



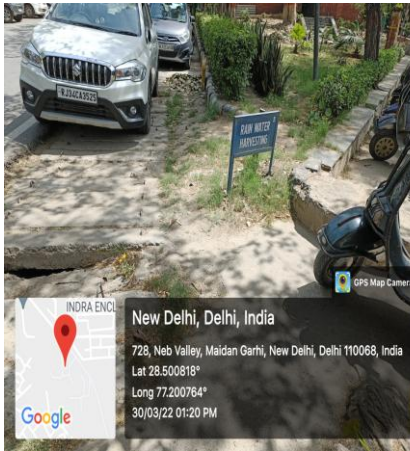
**Natural ditches in the campus**

- (iii) **Extensive Manuring in the plantation through organic manure to improve the water permeability and retention of moisture of the soil.**



**Functional Composting Units in the campus**

- (iv) **Cleaning the areas around the Rainwater harvesting sites to improve their efficiency.**



### **Rainwater Harvesting structure available in the Campus**

- (v) **Plantation of the ground cover plants at specific sites in the campus to check the rain run off water.**
- (vi) Development of Publicity material on ***Catch the Rain, where it falls, when it falls***, for awareness among various stakeholders.
- (vii) Cleaning of **Roof water collection and diversion structures** created around the buildings before the rainfall begins.