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# Report

on

## Jal Shakti Abhiyan: Catch the Rain-2022



**Indian Institute of Information Technology,  
Tiruchirappalli**

## **About the Institute**

Indian Institute of Information Technology Tiruchirappalli (IIIT<sup>T</sup>), also known as IIIT Trichy, is an Institute of National Importance and is the one among the 21 IIITs proposed under the non-profit Public-Private Partnership (PPP) Model by MoE. IIIT<sup>T</sup> is an academic and research institute funded for the infrastructure development by Government of India, Government of Tamil Nadu and Industry Partners in the ratio of 50:35:15. Industry partners include Tata Consultancy Services (TCS), Cognizant Technology Solutions (CTS), Infosys, Ramco Systems, ELCOT, and Navitas (TAKE Solutions).

Our vision is to achieve "World Class Excellence in Information and Communication Technology". Our mission is to impart Information Technology education to students and future leaders. The Institute aims to establish Center of Excellences in Information Technology and engage in cutting edge technology research to meet the current needs and future challenges of India and the world at large.

**JAL SHAKTI ABHIYAN 'CATCH THE RAIN' -2022**

National Water Mission's (NWM) campaign "Catch The Rain" with the tagline "Catch the rain, where it falls, when it falls" is to nudge the states and stake-holders to create appropriate Rain Water Harvesting Structures (RWHS) suitable to the climatic conditions and sub-soil strata before monsoon.



Under this campaign, drives to make check dams, water harvesting pits, rooftop RWHS etc.; removal of encroachments and de-silting of tanks to increase their storage capacity; removal of obstructions in the channels which bring water to them from the catchment areas etc.; repairs to step-wells and using defunct bore-wells and unused wells to put water back to aquifers etc. are to be taken up with the active participation of people.

To facilitate these activities, states have been requested to open "Rain Centers" in each district in Collectorates/Municipalities or GP offices. During this period, these Rain Centres will have a dedicated mobile phone number and will be manned by an engineer or a person well trained in RWHS. This centre act as a technical guidance centre to all in the district as to how to catch the rain, as it falls, where it falls.


Efforts should be made so that all buildings in the district should have rooftop RWHS and that maximum quantity of rain water falling in any compound should be impounded within the compound itself. The basic aim should be that No or only limited will water to flow out of the compound. This will help in improving soil moisture and raising ground water table. In urban areas it will reduce water gushing

onto roads, damaging them and will prevent urban flooding. Under the “Catch The Rain” initiative, all water bodies in the districts are to be enumerated, and encroachments to be removed.

All District Collectors, heads of institutions like IIMs, IITs, Central Universities, Private Universities, Chairmen of Railways, Air Port Authority, PSUs; DGs of Central Armed Police Force etc. having large tracts of lands with them have been requested to take steps to “Catch the Rain”.

The special intervention areas are given as under:


### Special Intervention Areas




#### Setting Up of Jal Shakti Kendras

It is planned to set up Jal Shakti Kendras (JSKs) at each District Headquarters. (JSK) will be "Knowledge Centers" for disseminating information related to water conservation techniques and will provide technical guidance to people.

MORE INFO




#### Enumeration, Making Inventory and GIS Mapping of all Water Bodies



#### Preparations of Scientific Water Conservation Plan


Each district in the country has been requested to prepare scientific water conservation plans with the help of remote sensing images from NRSA and GIS mapping technology for identification of existing water-bodies/Water Harvesting Structures (WHS) and for planning future WHS.

MORE INFO



#### Krishi Vigyan Kendra Melas

Krishi Vigyan Kendra Melas to promote efficient water use for irrigation (Per Drop More Crop), and better choice of crops for water conservation.



#### Urban waste water Reuse

In urban areas, plans/approvals with time bound targets to be developed for waste water reuse for industrial and agriculture purposes. Municipalities to pass by-laws for the separation of grey water and black water.

### **Pledge ceremony and awareness campaign in IIIT for Jal Shakti Abhiyan**

Ministry of Jal Shakti, Department of Water Resources, River Development & Ganga Rejuvenation initiated an awareness campaign to conserve water. The campaign encourages the concept of 'Waste to Wealth' as part of cleaning up water resources. As part of the campaign, a pledge was shared with the citizens of India as a reminder to conserve the water sources in their ecosystem. The pledge reiterates careful use of water, rainwater harvesting, and keeping the water bodies clean.

In resonance with this, The Indian Institute of Information Technology Tiruchirappalli took 'Catch the Rain' pledge on 11 March 2022 at 10.00 am. They were encouraged to use water carefully and judiciously keeping in mind the need for better tomorrow. The class coordinators along with the class representatives organized the event and took the pledge with the other students. Around 150 students have participated in the event to take responsibility to keep the water sources around them clean and conserve rainwater.

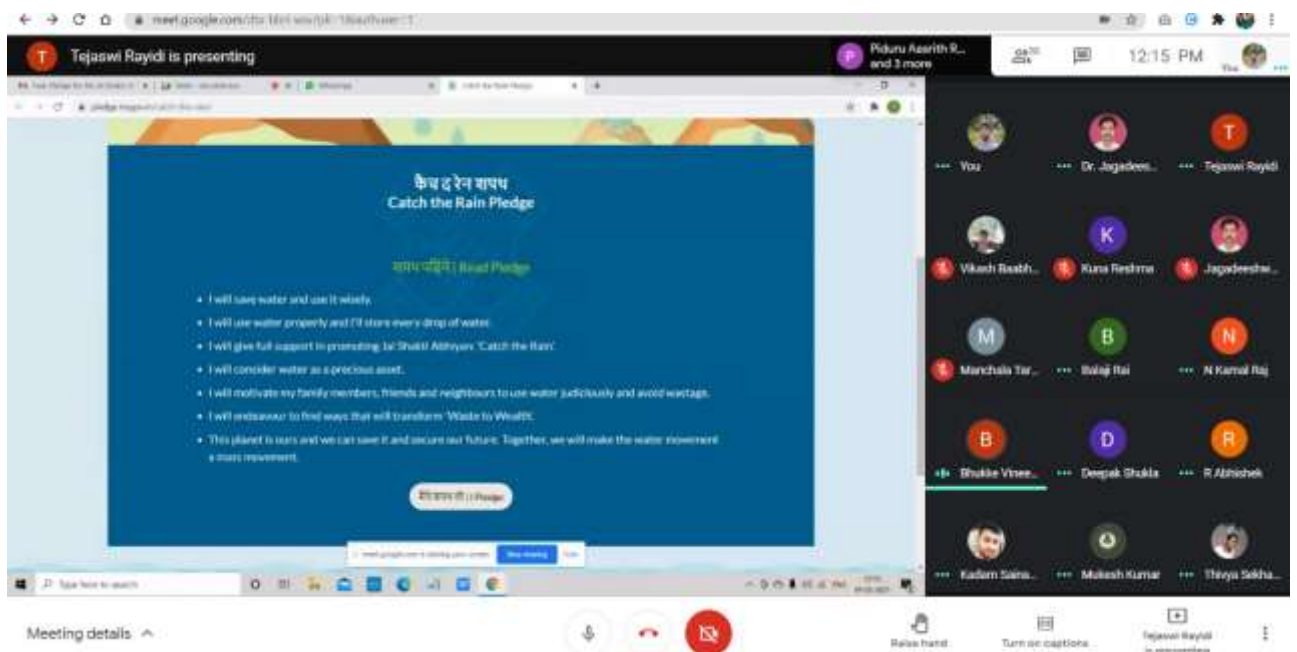
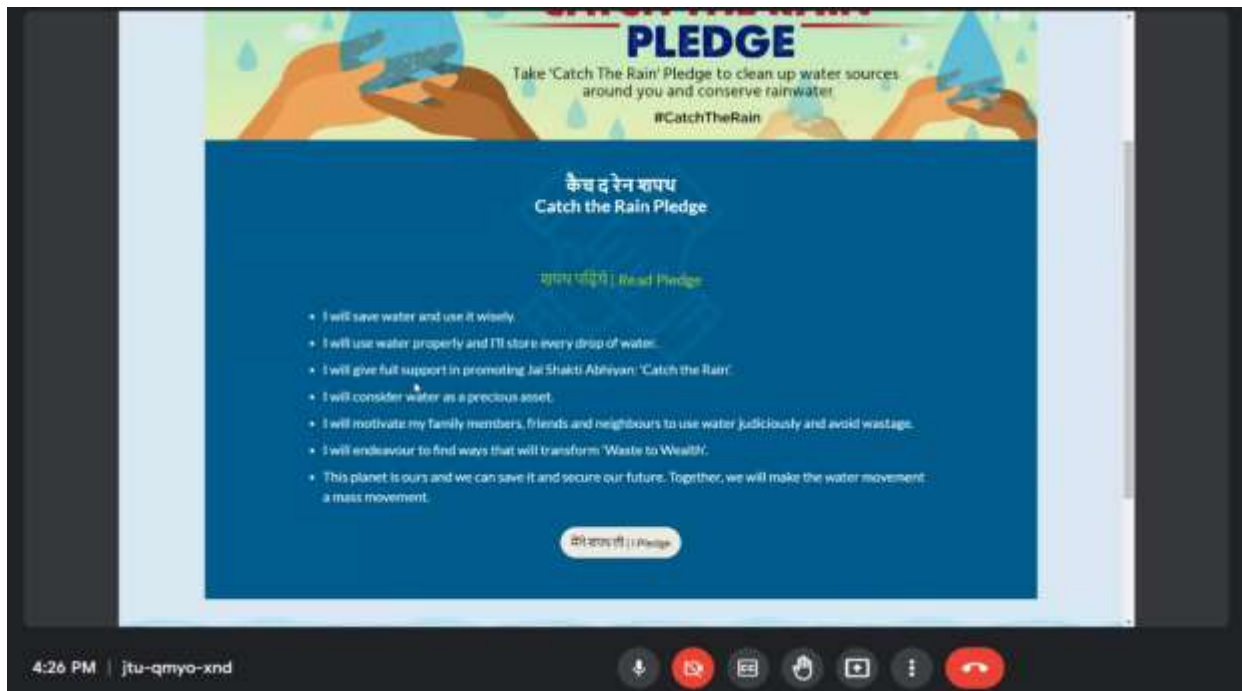
### **The “PLEDGE”**

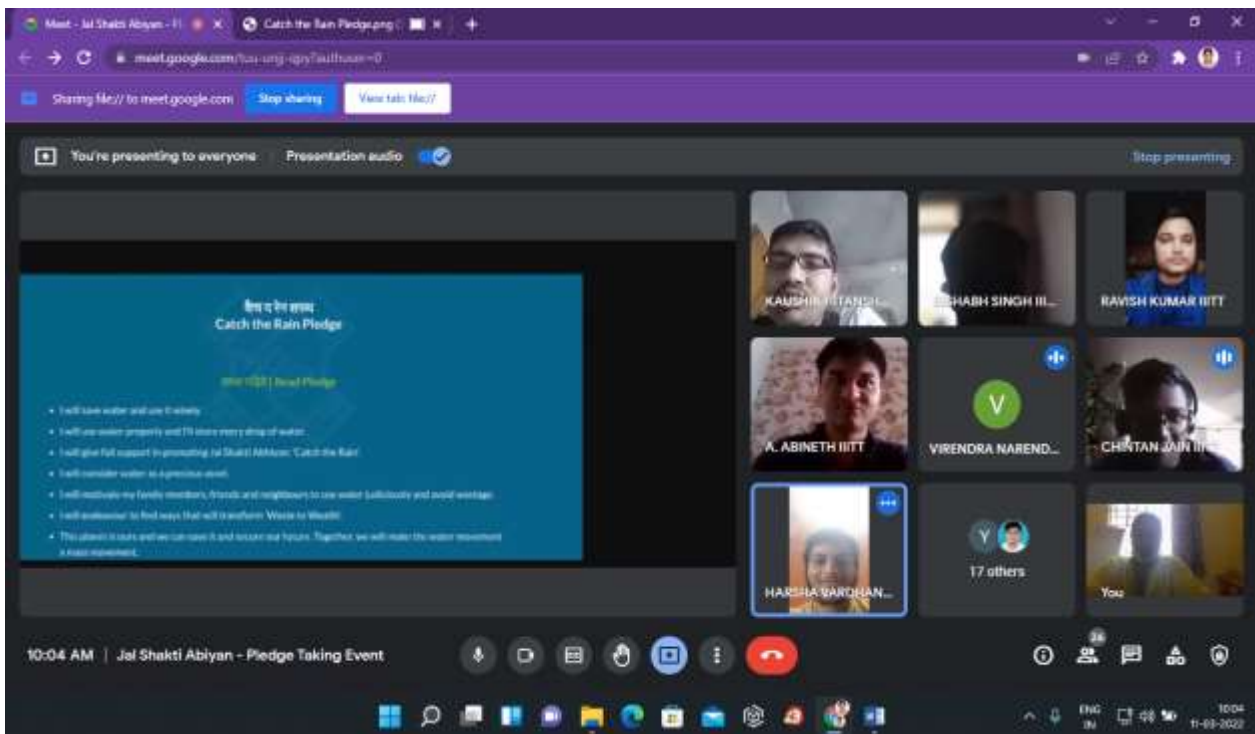
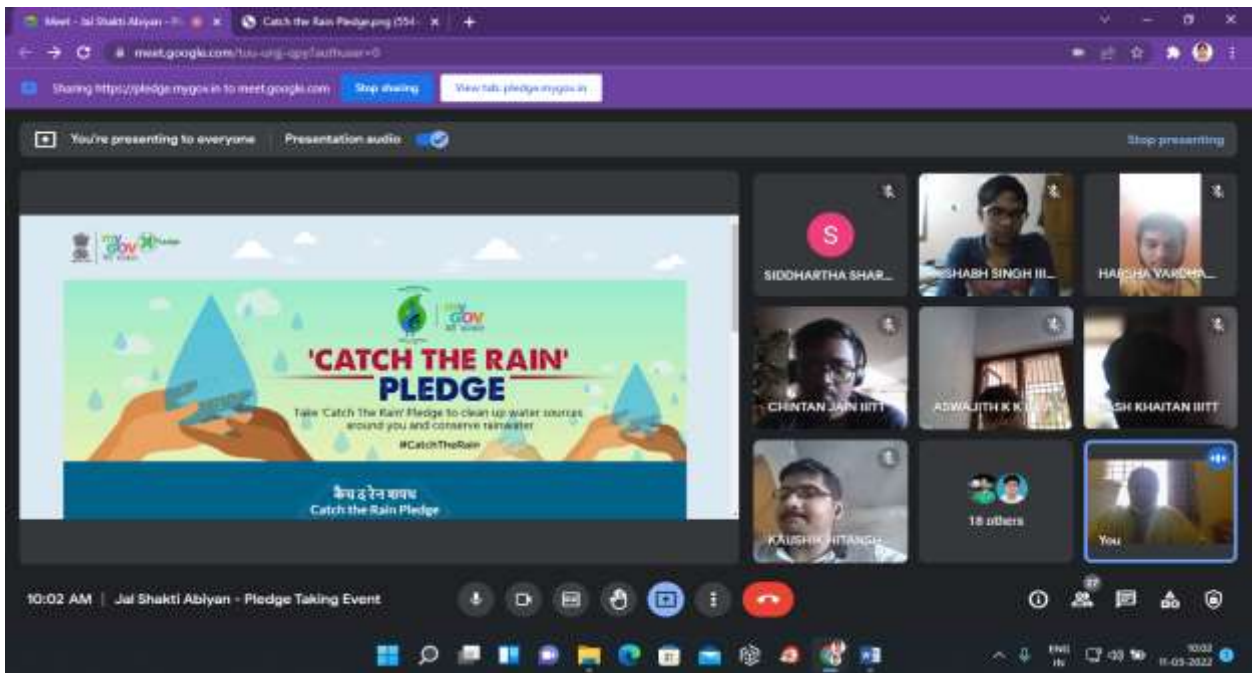
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### **Glimpse:**

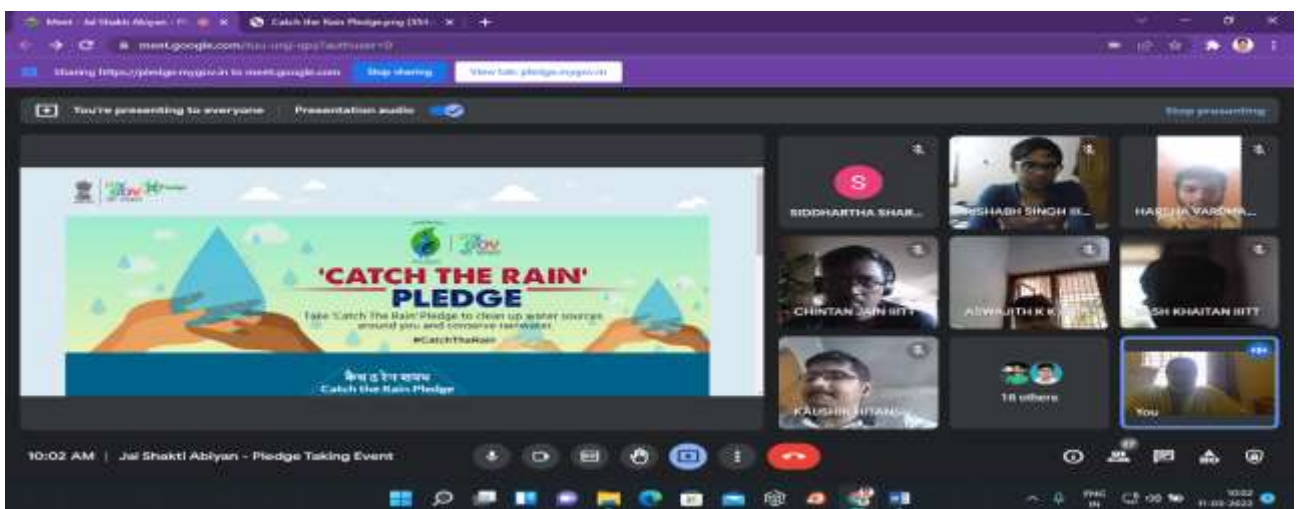
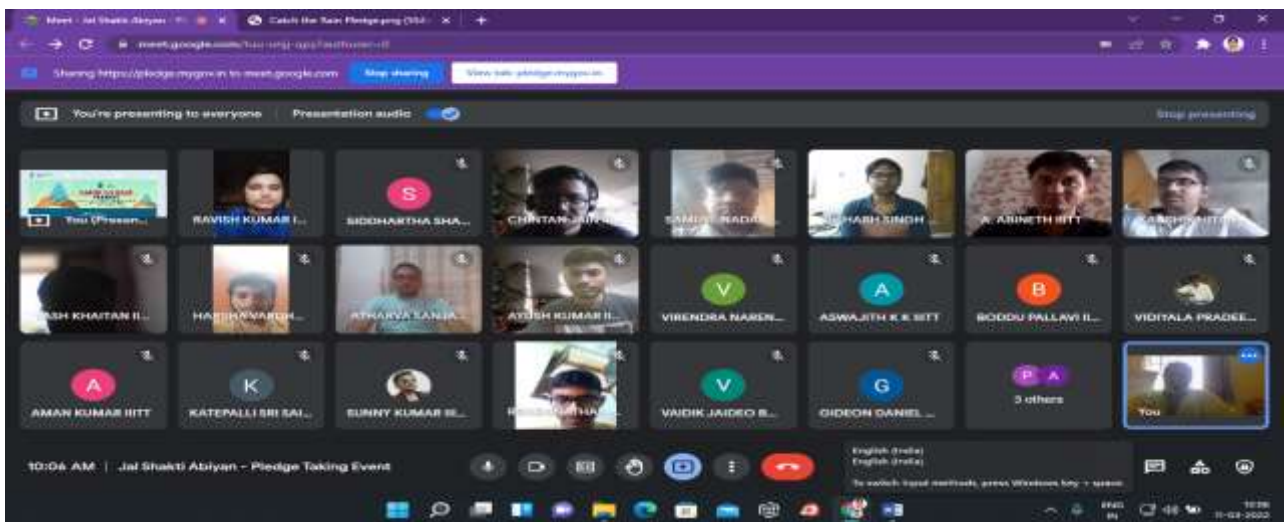
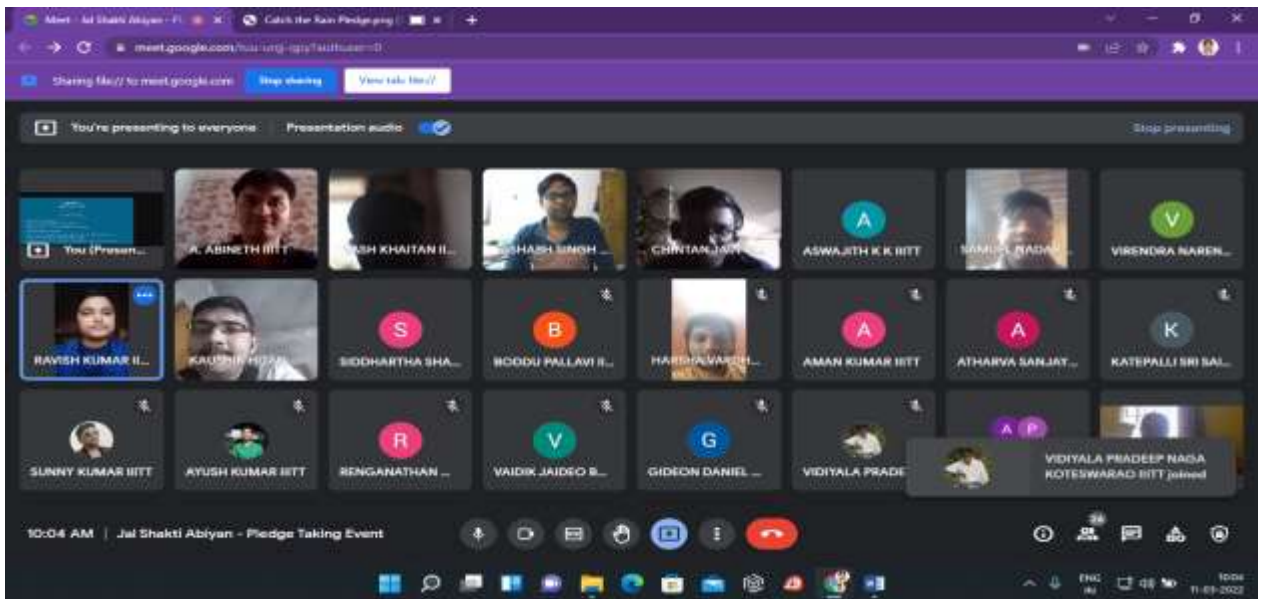












The glimpse of pledge certificate from students/faculty





### Details of the participants:

S.No	Branches	Number of Participants
1	B.Tech-1 <sup>st</sup> Year (CSE)	21
2	B.Tech-1 <sup>st</sup> Year (ECE)	17
3	B.Tech-2 <sup>nd</sup> Year (CSE)	22
4	B.Tech-2 <sup>nd</sup> Year (ECE)	17
5	B.Tech-3 <sup>rd</sup> Year (CSE)	08
6	B.Tech-3 <sup>rd</sup> Year (ECE)	18
7	B.Tech-4 <sup>th</sup> Year (CSE)	24
8	B.Tech-4 <sup>th</sup> Year (ECE)	23

The students have attended the program and took the pledge to save the water and preserve it. They also promised that they will not unnecessarily waste even a single drop of water.