

**6.5.3 a – University Support water
conservation off campus
(Technical Support for the
Community)**

TECHNICAL SUPPORT FOR THE COMMUNITY

The Institute support water conservation off campus. The Institute is constantly involved in developing technologies that are aimed to reduce the issues related to water and also to improve its conservation. Research are being conducted by the students and faculty of the Institute in developing sensors, ROBO, etc for various purposes such as water body restoration, reduce the water spillages from sources. The service of the developed technologies is extended to the local community also for supporting water conservation. Some of the initiatives taken by the Institute are given below

TECHNICAL SUPPORT FOR THE COMMUNITY

- To be a primary support to the rurally backward society by creating innovative and needy technical projects, the students of ECE have developed a controller to reduce water wastage. In order to avoid wastage of water due to overflow from the school water tank an ‘Automatic Water Tank Level Controller’ was completed by Mr.J.Prasanna, Mr.S.Ganesh and Mr.K.Lokeshwaran of ECE(2016-2020 batch) under the guidance of Mrs.K.IndiraGandhi,AP[Sr.Gr]/ECE.



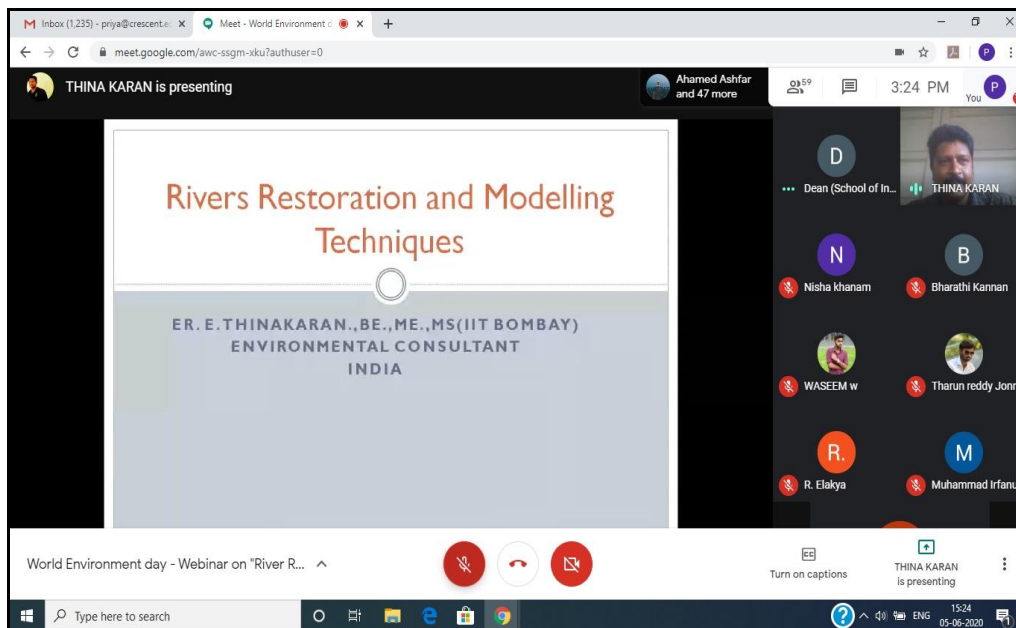
Donating ‘Automatic Water Tank Level Controller’ to School



Afrin, Aravind Kumar, nishanth Fathima, students of the Institute developed “An efficient ROBO for Pond / Lake Cleaning”

Robo for Pond cleaning

- Dr. C. Tharini, Professor, serve as Knowledge Expert for the CIIC Start up “Shrimp Hoard Technologies Pvt Ltd” which received Rs 5 Lakhs grant for the project ‘Sensor based smart water quality monitoring for agriculture’ from EDII, Govt of Tamilnadu.
- As a part of World Environment Day Celebration, a virtual online webinar on “River Restoration and Modelling Techniques” was organized by Department of Civil Engineering, School of Infrastructure on 05.06.2020 f Mr.Thinakaran,E., Environmental Expert, SGS (India) delivered the lecture on river conservation techniques.



Jal Shakthi Abhiyan

Students and Faculty of Department of Civil Engineering extended their expert opinion, support and services related to water conservation to “Karanaï Pudukheri” a village located at a distance of 5.7 km from our Institute and also campaigned the importance of Rain water harvesting



Jal Shakti Team with local volunteers at Karani Pudukheri