



DTE Code : **EN6315**



॥ विद्यानां विद्या संकीर्तनी ॥

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HOLY-WOOD ACADEMY'S

# SANJEEVAN

**ENGINEERING & TECHNOLOGY INSTITUTE, PANHALA**

Sanjeevan Knowledge City, Somwar Peth-Injole, Panhala, Tal. Panhala, Dist. Kolhapur.  
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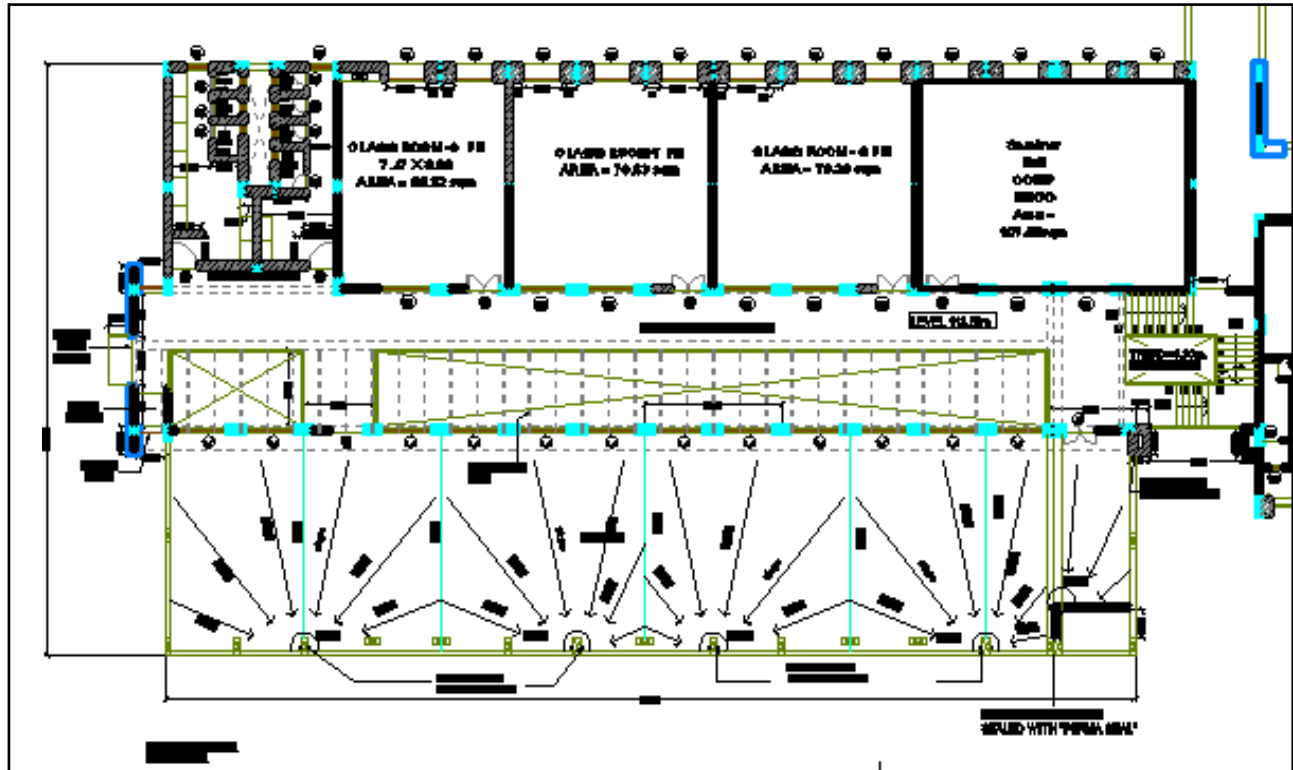
## Rain water harvesting structure and utilization in campus

Sanjeevan engineering and technology institute Panhala is practicing the green initiative by taking various activities. One of the practices is to recharge ground water by rain water harvesting. Institute divide the total campus in building as A, B, C, D. Among them building A has facilitated with rain water harvesting unit. Detail of the scheme shown in the picture below.

## Rainwater harvesting pipe chamber



# Rain water harvesting scheme layout



### 1) Bore well recharging

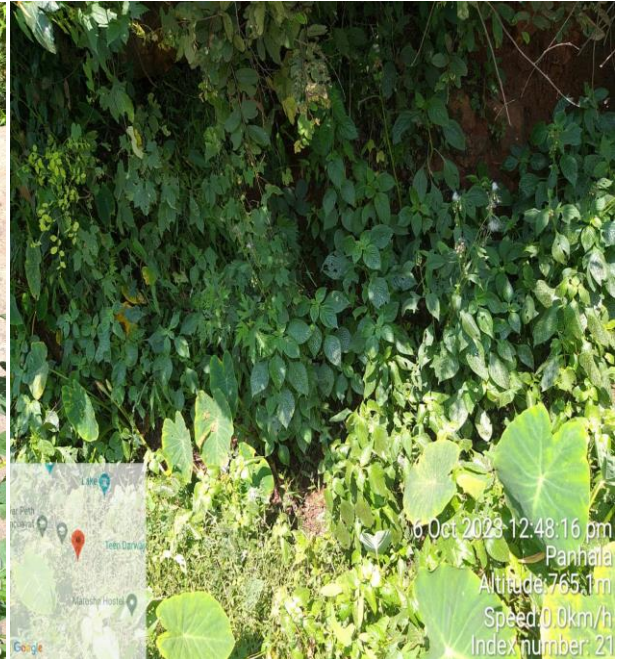
The water from the roof top of the A campus building is collected and feed to 2 bore wells near to building by aiming water recharging in the ground.



Photograph: Bore well water recharging.

## 2) Waste water recycling.

The waste water collected from the campus is taken to farm near the campus where horse feed is cultivated.



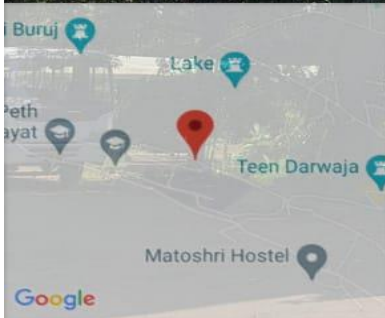
Photograph – Waste water conveyed to horse feed farm



**1) Maintenance of the water bodies and distributed system-**

For daily water use Sanjeevan engineering and technology institute Panhala, takes the fresh water from near river and 3 in campus bore wells. Initially the water is collected in overhead concrete tank of 1,00,000 liter from where it is distributed in campus. For drinking water institute installed 3000 lit/hr capacity reverse osmosis (RO) plant for assuring the quality water. Periodic cleaning and maintenance of the water distribution system is carried out by the maintenance department.





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