



## **7.1.4 Water conservation facilities available in the Institution.**

**Water conservation facilities available in the Institution.**

**Facilities**  
**Rain water harvesting**



ESTD. 2001

## 7.1 Institutional Values and Social Responsibilities

### 7.1.4 Water conservation facilities available in the Institution:

#### RAIN WATER HARVESTING

Rain water pit is filled with gravels and sand for percolation of water for recharging the surrounding ground area. The rain water coming from roof tops and that flowing within the campus are collected in percolation pits constructed at all feasible points in the campus recharge ground water. The recharge pit comprises different set of filter media. The filter media comprises of thick layers of boulders at the bottom followed by layers of gravels and coarse sand. This enables the filtration of water and also prevents the deposition of silt on the recharge pit.

#### RAIN WATER HARVESTING PITS LOCATION DETAILS:

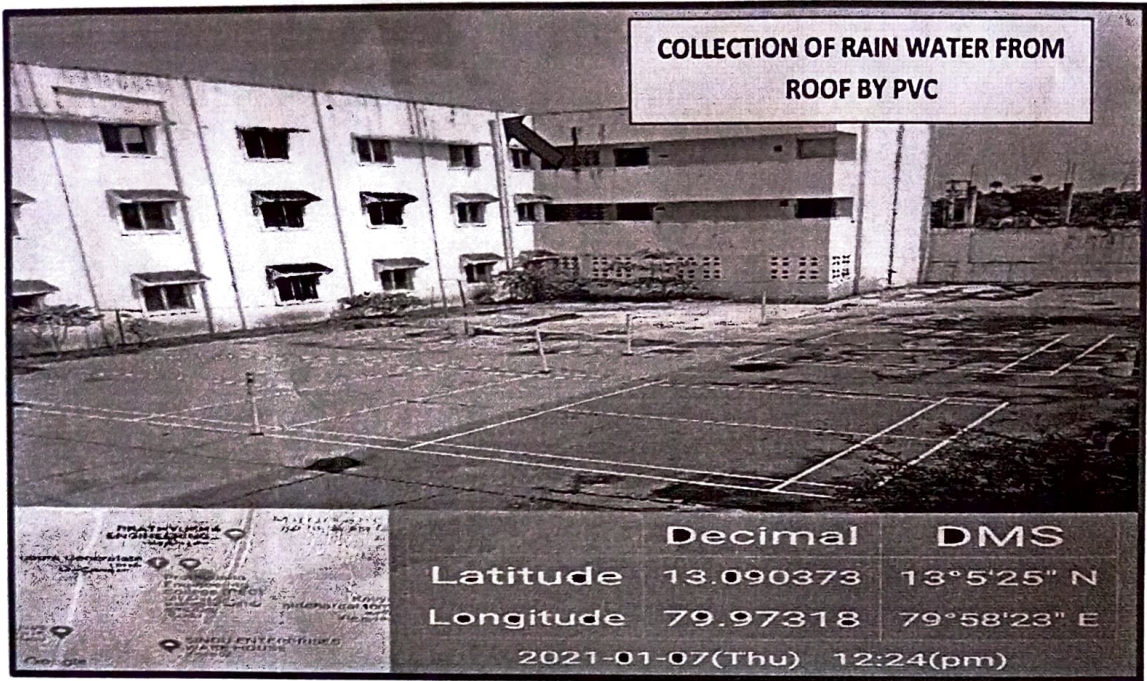
Rainwater Harvesting pits available at most appropriate locations in the Campus.

| S.NO         | BUILDING NAME      | NOS       |
|--------------|--------------------|-----------|
| 1            | Main Block         | 4         |
| 2            | Mech & Civil Block | 2         |
| 3            | E.C.E. Block       | 2         |
| 4            | E.E.E. Block       | 2         |
| 5            | P.G Block          | 2         |
| 6            | Library Block      | 2         |
| 7            | Workshop (old)     | 8         |
| 8            | Dining Hall        | 3         |
| 9            | Boy's Hostel       | 6         |
| 10           | Girl's Hostel      | 6         |
| 11           | New Workshop       | 4         |
| <b>TOTAL</b> |                    | <b>41</b> |

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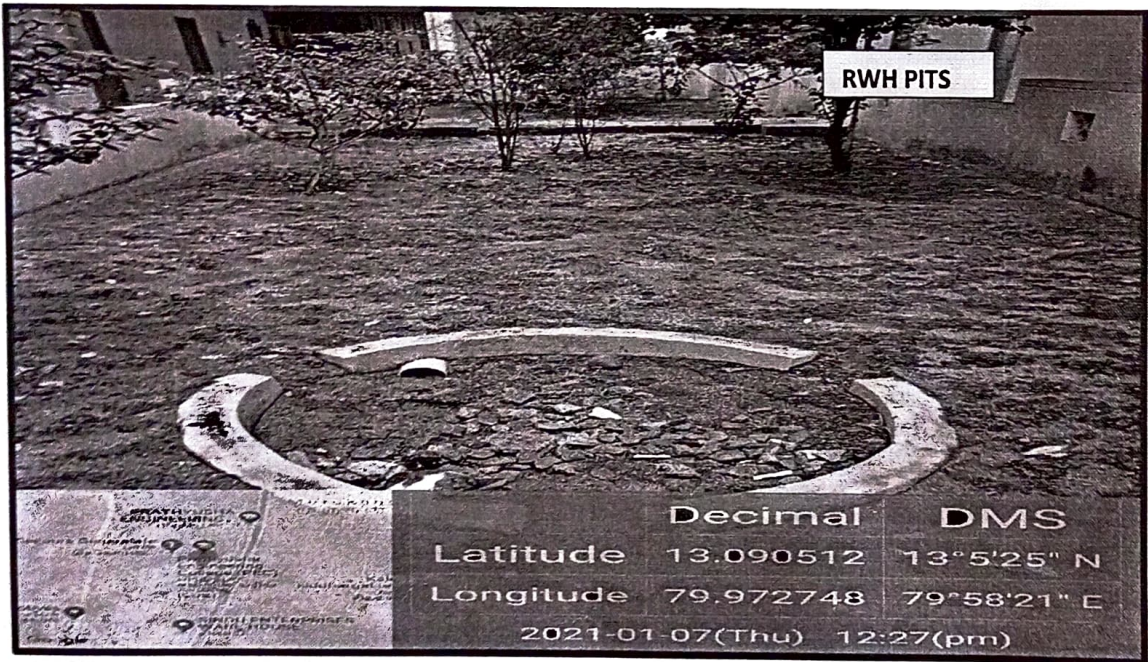
**PATHIYUSHA ENGINEERING COLLEGE**

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**COLLECTION OF RAIN WATER FROM  
ROOF BY PVC**

|                           | Decimal   | DMS         |
|---------------------------|-----------|-------------|
| Latitude                  | 13.090373 | 13°5'25" N  |
| Longitude                 | 79.97318  | 79°58'23" E |
| 2021-01-07(Thu) 12:24(pm) |           |             |



**RWH PITS**

|                           | Decimal   | DMS         |
|---------------------------|-----------|-------------|
| Latitude                  | 13.090512 | 13°5'25" N  |
| Longitude                 | 79.972748 | 79°58'21" E |
| 2021-01-07(Thu) 12:27(pm) |           |             |

*Steubing*  
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