

"Social Transformation Through Dynamic Education"



**BHARATI VIDYAPEETH'S  
NEW LAW COLLEGE, KOLHAPUR**

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Ref.No.: BV/NLCK /

Date:

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



*Chavate*  
**VC PRINCIPAL**  
Bharati Vidyapeeth's  
New Law College  
Kolhapur

## **INFORMATION OF RAIN WATER HARVESTING AND MAINTENANCE OF WATER BODIES AND DISTRIBUTION SYSTEM IN THE CAMPUS**

### **1) Rain Water Harvesting System:**

The institute has rainwater harvesting system. There is enough open space, channels to harvest the rainwater and plantation to reduce evaporative loss and soil erosion. The Rain Water Harvesting System consists of

1. No. of water filters: 2Nos
2. Capacity of filter: 1000 lit. per hour.
3. Underground water storage tank: Capacity 50000 lit.
4. 110 mm PVC pipe line.
5. Total terrace area covered: 1119sq.m.
6. Amount of water collected from roof-top: 7,49,506 lit.

### **Procedure:**

1. Rain water from all terraces is collected by providing 110mm PVC pipelines.
2. All pipelines are fitted with water filters to filter collected rainwater.
3. The filtered rainwater is stored in underground water tank and utilized for various purposes such as gardening, flushing of bathrooms and toilets etc.

### Rain Water Harvesting System Map:



## Rain Water Harvesting System Photographs



**Filter at P1 Building**



**Filter at P2 Building**



### 3) Construction of tanks and bunds





#### 4) Waste water recycling



Septic Tank having capacity 1.25lakh litres



Sewage Treatment Plant



**Assembly of Sewage Treatment Plant**



**Inspection Chamber**



**5) Maintenance of water bodies and distribution system in the campus**





