



Centurion
UNIVERSITY

Shaping Lives...

Empowering Communities...

Report on Rainwater harvesting Structural Details of CUTM

1. Bhubaneswar Campus:

Bore well Recharge points:

Point No.	Location of Point	Source of Water	Depth of the Point (ft)
Point No -1	Boys Hostel	From the rooftop of Boys Hostel	400
Point No -2	Workshops	From the rooftop of Workshops	150
Point No -3	Advanced Skill Centre	From the rooftop of Advanced Skill Centre	260
Point No -4	Staff Quarter	From the rooftop of Staff Quarters	280

Estimated annual water Recharge potential through Bore well = 8000 cu.m

Percolation tank details:

Pond No.	Area of pond (sq.m)	Depth (m)	Capacity of the tank (m ³)	Source of rain Water	Water Recharged annually (m ³)
1	11255	12	135060	Rainwater (Rooftop and Surface runoff) and STP Treated water	135060

2. Paralakhemundi Campus

Percolation Ponds Details:

Pond No.	Location	Length (m)	Width (m)	Area (m ²)	Depth (m)	Total Capacity (m ³)
1	Near STP No. 4	73.2	39.6	2900	1.9	5509.8
2	Opposite to VC Bungalow	21.0	19	399	1.8	718.2
3	Tribal Village	27.0	15	405	1.5	607.5

4	Near FMP lab	81.0	21.2	1717	1.5	2575.8
5	Near MBA building	27.0	10.8	292	3	874.8
6*	Near Cowshed	56.0	37.5	2100	5	10500
7	Loose Boulder Check Dam	10.0	2.0	--	2.0	--

*Currently this pond is Polythene lined in May 2022.

3. Rayagada Campus

Percolation tank details:

Pond No.	Length (m)	Width (m)	Depth (m)	Capacity of the tank (m ³)	Source of rain Water	Water Recharged annually (lit.)
1	10	7.6	2.5	190	Rainwater (Rooftop and Surface runoff)	47340