



SADHU VASWANI INSTITUTE OF MANAGEMENT STUDIES FOR GIRLS

Unaided- Private, Linguistic Minority (Sindhi) Institute
Approved by A.I.C.T.E. Certified under ISO 9001:2015 ss

Dr. B. H. Nanwani Affiliated to Savitribai Phule Pune University, NAAC Accredited with "B+" Grade
Director **Institute Codes:** SPPU: IMMP016030, D.T.E.: 6614, AISHE: C-44578, AICTE: 1-21641511

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CRITERION – VII

KEY INDICATOR	7.1 Institutional Values and Social Responsibilities
METRIC NO.	7.1.2 Water Conservation facilities at the Institution

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DR. B. H. NANWANI
DIRECTOR

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Geotagged Photographs of the Facilities

RAIN WATER HARVESTING



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BADHU PASTORJI HOSPITALITY & MANAGEMENT STUDIES FOR GRIET
6, KOREGAON ROAD, PUNE-411 001

Rain Water Harvesting Certificate

shree dattatray enterprises

Consulting:

- Solid waste management, Rainwater
- harvesting,
- Solar water Heater & Photovoltaic

Priyadarshini soc., Off sinhgad road,
Ganeshmala, Pune 411030
+91-9765217071
shreedattatrayenterprises@gmail.com

To,
The Director,
Sadhu Vaswani Institute of Management Studies for Girls,
Pune

Sub: In reference Rain Water Harvesting Project.

Sir,

As per municipal Norms, we have implemented Rain water harvesting at – Sadhu Vaswani Institute of Management Studies for Girls, Sadhu Vaswani Mission, Pune CTS 10 & 10/1, Survey number 58 & 59 (Part), Koregaon Park, Pune has constructed recharge filter and direct confined recharge pitt in the expected manner and complied with NBC.

Technology used: confined aquifer recharge, direct recharge through concentric filter media

Capacity of the filtration unit: 4.00 CUM / 15 min

Rainfall endowment : 4006 Ltrs /15 min (peak rainfall estimate)

Water balance: 448745 Lt./annum (optimized conditions and distributed rainfall necessary)

Methodology: confined aquifer direct recharge

The information is being cited for your kind attention.

Regards,

For Shree Dattatray enterprises,

Mukund Shinde

B. Nanwani

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Rainwater Endowment estimation

Sr. No	Catchments	Area of Catchments (Sq. mt.)	Average annual rainfall in mt.	Rain water harvesting potential (cum)		Run-off hourly rainfall intensity 25 mm./15min (cum)
				Rainwater Endowment	Actual Quantity Available	
1)	Coverage area	712.2946	0.7	498.606	448.745567	4.007
	Grand Total				448745.567	4006.657
					i.e. 448745 Lt./annum	i.e. 4006 Ltr/ 15 min

Note:

1. Coefficient of catchments for roof surface = 0.85
2. Coefficient of catchments for road = 0.80
3. Coefficient of catchments for open space & amenity space = 0.15
4. Constant coefficient of wastage, evaporation, spillage and first flush = 0.80
5. Coefficient of paved area (open parking) = 0.70

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