

KSCST - RWH Cell Programmes

Project Highlights

Project Name	: Rainwater Harvesting at Aditi Green Scapes Campus, Manasaram Architects, G – 21, Golden Orchid, # 10/8, Kasturba Road, Bangalore - 560 001.
Project Designed and Proposed by	: Rainwater Harvesting Cell, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore.
RWH Site Address	: Aditi Green Scapes Campus, Survey No. 20 A, Venkateshapura Jakkur Post, Bangalore - 560 064.
Contact Person	: Ms. Neelam Manjunath Managing Trustee, Manasaram Architects, G – 21, Golden Orchid, # 10/8, Kasturba Road, Bangalore-560 001. Ph: (O) 080 22291951 (M) 94480 69643

Components of the Project:

+ Total Plot Area	- 16, 700 sq m
+ Rainwater Potential from the plot	- 17.7 ML
+ Annual Rainfall	- 1060 mm
+ Roof Area	- 6, 346 sq m
+ Roof top annual rainwater potential	- 6.7 ML
+ Number of housing units	- 87
+ Water requirement (including gardening)	- 65,600 lt
+ Under ground sump – proposed (6000 X 16 + 20000 X 2 + 50000 X 1)	- 1, 86, 000 lt
+ Under ground sump and OHT general requirement (20,000 + 50,000)	- 70, 000 lt
+ First flush float lock and filtration systems	- 3 no.
+ Filter beds	- 3 no.
+ Infiltration wells	- 3 no.
+ Piping and accessories	
+ Modifications on existing storm water system	

Total cost of the project:

Rs. 14, 82,232/-