

KSCST - RWH Cell Programmes

Project Highlights

Project Name	: Rainwater Harvesting at Bangalore Metropolitan Transport Corporation, Hebbal New Depot, Bangalore
Project designed and proposed by	: Rainwater Harvesting Cell, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore.
RWH site address	: Hebbal, Hebbal ring road intersection, Bangalore
Contact Person	: The Chief Civil Engineer, BMTc Engineering Department, KH Road, Bangalore 560 027. 080 2295 2550, 2295 2571 Mr. Nagaraj, AEE 99456 70183
Annual Rainfall	: 1060mm.
Area of the campus (4 acres)	: 16,187 sq mt.
Potential annual rainwater from the campus	: 17,157 kilo liters
Effective roof area	: 713 Sq mt.
Potential annual rainwater from the roof	: 8, 90,000 lts.

Components of the Project:

- 3. Underground Sump – 50,000 liters.**
- 4. Surface tank - 10,000 liters**
- 5. Silt trap – 3 no.**
- 6. Filter bed – 18 Cft**
- 7. Oil and Grease trap – 90 Cft**
- 8. Inspection chambers – 7 no.**
- 9. Piping and accessories**
- 10. roof level modifications**

Total cost of the project : Rs.5, 25,000/-