

KSCST - RWH Cell Programmes

Project Highlights

Project Name : **Rainwater Harvesting at Bangalore Metropolitan Transport Corporation, Jigani 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 : **Yelahanka, Doddaballapura Road, 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 : **870mm.**
Campus area (4 acers – effective 2.5 acers) : **11,018 sq m.**
Potential annual rainwater from the campus : **95, 87,000 liters**
Effective roof area : **886 Sq m.**
Potential annual rainwater from the roof : **7, 70,000 liters**

Components of the Project:

- 1. Sand bed filter – 54 Cft**
- 2. Silt trap – 3 no.**
- 3. Filter bed – 1 no.**
- 4. Oil and Grease trap – 90 Cft**
- 5. Inspection chambers – 1 no.**
- 6. Piping and accessories**
- 7. Modifications on Open well**
- 8. Surface water diversion drain**

Total cost of the project : **Rs.6, 89,000/-**