

KSCST - RWH Cell Programmes

Project Highlights

Project Name : **Rainwater Harvesting at Bangalore Metropolitan Transport Corporation, Yelahanka Depot No.11, 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 : **1060mm.**
Area of the campus (5 acres) : **20,234 sq mt.**
Potential annual rainwater from the campus : **2,144 kilo liters**
Effective roof area : **192 Sq mt.**
Potential annual rainwater from the roof : **2, 00,000 lts.**

Components of the Project:

- 9. Sand bed filter – 12 Cft**
- 10. Silt trap – 3 no.**
- 11. Filter bed – 18 Cft**
- 12. Oil and Grease trap – 90 Cft**
- 13. Inspection chambers – 2 no.**
- 14. Piping and accessories**
- 15. Modifications on Open well**

Total cost of the project : **Rs.79, 000/-**