

# **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/-**