

# **KSCST - RWH Cell Programmes**

## **Project Highlights**

**Project Name** : Rainwater Harvesting at  
Bangalore Metropolitan Transport  
Corporation,  
KR Puram 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** : KR Puram,  
Old Madras 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 (3.27 acres)** : 13,233 sq mt.  
**Potential annual rainwater from the campus** : 14,000 kilo liters  
**Effective roof area** : 728 Sq mt.  
**Potential annual rainwater from the roof** : 7, 70,000 lts.

### **Components of the Project:**

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

**Total cost of the project** : Rs.5, 13,000/-