

# **KSCST - RWH Cell Programmes**

## **Project Highlights**

**Project Name** : **Rainwater Harvesting at Intel Technologies India Pvt. Ltd., Bangalore 560 037**

**Project designed and proposed by** : **Rainwater Harvesting Cell, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore - 560 012.**

**RWH site address** : **# 23-56P, Devarabeesanahalli, ORR, Varthur Hobli, Bangalore - 560 037**

**Officer to contact** : **T. S. Ganesh  
EHS Manager,  
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Cell - 9845 87 5782**

**Campus area** : **22 acres.**  
**Annual Rainfall (30 years average)** : **972 mm.**  
**Potential annual rainwater from the campus** : **86,510 kl.**  
**Roof Area (SRR 1 and 2)** : **14,114 sq.mt.**  
**Potential annual rainwater from the Roof** : **11,657 kl.**  
**Water requirement per day** : **70 kl.**  
**Annual Roof top Rainwater availability** : **113 days (70 kl. per day)**

### **Rainwater Harvesting Project Interventions**

- 1. Roof level minor modifications**
- 2. Regrouping of ground level collection system**
- 3. Channalisation** : **650 m for SRR 1 & 2**
- 4. Filter beds and stabilization tanks** : **2 sets**
- 5. Under ground storage facility** : **400 kl. new sump & 300 kl existing sump**
- 6. Linking of RWH storage tanks between SRR 1 & SRR 2** : **190 m 160mm RPVC pipe**
- 7. Excess water discharge system**

**Total cost of the project (estimate)** : **Rs.23, 22,000=00**