

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,
Ph – 080 2605 3000,
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**