

# KSCST - RWH Cell Programmes

## Project Highlights

<b>Project Name</b>	<b>: Rainwater Harvesting at University of Agricultural Sciences, GKVK Campus, Bangalore - 560 065.</b>
<b>Project designed and proposed by</b>	<b>: Rainwater Harvesting Cell, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore - 560 012.</b>
<b>RWH site address</b>	<b>: Agri Building II phase, Department of Agronomy, GKVK, Bangalore.</b>
<b>Officer to contact</b>	<b>: Dr. Nanjappa, HOD, Department of Agronomy Ph – 080 2605 3000,</b>
<b>Campus area</b>	<b>: 1500 acres.</b>
<b>Annual Rainfall (30 years average)</b>	<b>: 800 mm.</b>
<b>Potential annual rainwater from the campus</b>	<b>: 48,56,200 kl.</b>
<b>Roof Area (Class rooms + Examination hall &amp; Part of wing 1+ Wing 3)</b>	<b>: 510+800+500 sq.mt.</b>
<b>Potential annual rainwater from the Roof</b>	<b>: 1,450 kl.</b>
<b>Water requirement per day</b>	<b>: kl.</b>
<b>Annual Roof top Rainwater availability</b>	<b>: days ( kl. per day)</b>

## Rainwater Harvesting Project Interventions

1. Roof level minor modifications
2. Regrouping of down water pipes and collection system
3. Channalisation
4. Filter beds and stabilization tanks
5. Surface tank storage facility
6. Linking of RWH storage tanks (cost not included in the estimate)
7. Excess water discharge system
8. Cost of Project implementation : Rs. 5,32,166=00
9. Cost of Pre-Project activity : Rs. 3000=00

**Total cost of the project (estimate) : Rs.5, 35,166=00**