

Project Highlights

| | |
|---|---|
| Project Name | : Rainwater Harvesting at Purva Carnation Apartments, # 55, MSO Colony, Jeevanahalli Main Road, Cox Town, Bangalore – 560 005 |
| Project designed and proposed by | : Rainwater Harvesting Cell, Karnataka State Council for Science and Technology, Indian Institute of Science, Bangalore. |
| Contact Person | : Mr. Ramendra Mandal Secretary Purva Carnation Apartments, # 55, MSO Colony, Jeevanahalli Main Road, Cox Town, Bangalore – 560 005 Ph: (o) 41540388 (m) 98457 43552 |

Components of the Project:

| | |
|---|------------------|
| ✚ Total Plot Area | - 4667 sq m |
| ✚ Rainwater Potential from the plot | - 55, 00, 000 lt |
| ✚ Annual Rainfall | - 1195 mm |
| ✚ Roof Area | - 1200 sq m |
| ✚ Roof top annual rainwater potential | - 12, 18, 000 lt |
| ✚ Under ground sump – proposed | |
| Phase I | - 50, 000 lt |
| Phase II | - 50, 000 lt |
| ✚ Under ground sump (Exist) 1 no | - 50, 000 lt |
| ✚ First flush float lock | - 1 no. |
| ✚ Filter bed | - 1 no. |
| ✚ Piping and accessories | |
| ✚ Modifications on existing water supply system | |
| ✚ Annual Water Requirement | - 91, 25, 000 lt |
| ✚ Water Availability | - 49 days |
| ✚ No. of days in a year sump overflows | - 3 days |

Total cost of the project : Rs. 7, 93, 000 /-

**A. R. Shivakumar
Principal Investigator - RWH**