

Modern Methods of Rooftop Rainwater Harvesting:

- (i) Roof top rainwater is collected using a PVC pipe.
- (ii) The water is filtered using sand and bricks.
- (iii) An underground tank is build to fill this water at the time of rains.
- (iv) Underground pipe takes water to sumps for immediate usage.
- (v) Excess water from the sump is taken to the well.
- (vi) Water from the well recharges the underground water.
- (vii) Later water can be withdrawn either from well or a hand pump device.

For example, rooftop rainwater harvesting is the most common practise in Shillong, Meghalaya. Though this region receives the highest rainfall in the world, yet the state capital Shillong faces acute shortage of water. Nearly every household in the city has a roof-top rainwater harvesting structure.