

# Water Distribution Device

**Motivation:-** 2 hours water supply in many areas around the country and the regular bickering of people for water distribution in places with a water shortage.

**Broad Vision:-** We want to distribute water from a given water storage system to various subsystem ensuring required amount of water for that subsystem.

It will solve regular conflicts for water in households where more than a family/flats are supplied water from the same storage system as well as ensure water supply is fair in places with water shortage.

**Demonstration:-** We will use a small water storage and ensure we can supply equal amount of water to 2-3 subsystems.

**Approach:-** We will use one of the many available water flow management system rather than sensors to make the system cost efficient.

Water will be stored in a small tank(bucket,etc.)and allowed to flow through various pipes but we will have our water flow measurement device as well as a microprocessor installed for ensuring we may control the amount of water flowing.

**Estimated cost:-**8000/-