TIMER-BASED POWER OPERATED PROTOTYPE WATER FILTRATION SYSTEM FOR AQUACULTURE

Feed and excreta are the main source of waste and are also responsible for most of the environmental impact of aquaculture, and water quality is a critical factor when culturing any aquatic organism. Water quality varies by species and must be monitored to ensure growth and survival. The quality of water in aquaculture production systems can significantly affect the organism's health and the costs associated. Therefore, removal of particles from water flow is important in aquaculture. Suspended solids, dissolved solids, and organic matter are removed from water by filtration of water through suitable media.

Salient features of the technology:

- Keep system clean
- Helps to improve water quality
- Which help to keep fishes healthy

Prototype of filter in Aquarium