

## POWER OPERATED SOLID WASTE REMOVAL DEVICE FROM AQUARIA

Sediment's removal equipment consists of a perforated suction pipe, submersible pump, and a container to collect the waste. The submersible pump is mounted with submersible pump on a PVC pipe as shown in the figure. The suction arrangement consists of a rectangular shaped frame work of PVC pipes with one of its sides having perforations to suck the sediments of unfinished feed and faecal matter from the bottom of the aquarium. Plastic tubes are inserted in the perforations for convenience in sucking the sediments. The suction pipe is attached to the inlet of the submersible pump. A plastic container is attached to the outlet pipe of the submersible pump to collect the sediments lifted by the suction pipe. An electric cable supplies the electricity to the submersible pump. The submersible pump along with the suction arrangement is mounted to a handle bar made up of PVC pipe upon which the power supply switch is fitted for smooth operation of the equipment.

### Salient Features:

- To minimize the use of water
- quality of water can be maintained in the aquarium for improving the health and growth of the fish.

