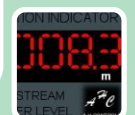
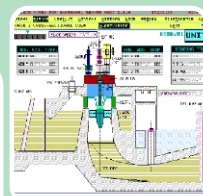


*Real Time Digital Simulator Based*  
**Training For**  
**SHP Plant Technician**

***Objectives***

This course provides the participants working knowledge of operation and maintenance of Small Hydropower plants, gates and valves, turbine, generator and auxiliaries, turbine generator control panel.



## ***Training Contents :***

### **General :**

- *Types of hydro power plant and their layout.*
- *Oil pressure unit working.*
- *Generator bearing working / monitoring.*
- *Speed increaser working monitoring.*
- *Turbine bearing cooling water arrangement.*
- *Butter fly valves, turbine oiling greasing.*
- *Plant day today shift work.*
- *Plant safety and fire fighting.*

### **Plant control room operation from hard panel :**

- *Plant panel metering, indicating, operating switches and annunciator.*
- *Plant start up and synchronizing procedure.*
- *Plant load pick up and drop out.*
- *Plant normal and emergency shut down.*
- *Plant equipment condition monitoring.*

**Course Duration : 15 Days**

**Who Should Attend : SHP Plant technician**

