



## SLT 12 - Operation & Maintenance of Pumps

Ver 1.1

### **Topics Covered**

Pump System – Classification of Pumps – Pump Characteristics – Operational aspects of Pumps – Pump Maintenance – Trouble Shooting – Case Studies - Do's and Don'ts – Practical Tips – Exercise.

### **The Significance**

Pumps are one of the most important machineries in any industry. They are used to move fluids in an efficient way from the source to any required destination. In this SLT, we are going to

- Demonstrate the operation of various types of pumps.
- Understand the operating characteristics of pumps.
- Understand efficient operation and maintenance procedures of pumps.
- Demonstrate correct setting of parameters to achieve trouble-free operation of fluxo pumps and also to diagnose the problem through vibration analysis in circulating water pump.