



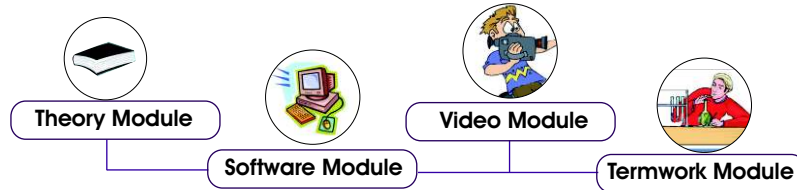
Learning Resources

Learning/Training Resources with Computer Aided Instructions in subject of

Fluid Machanics



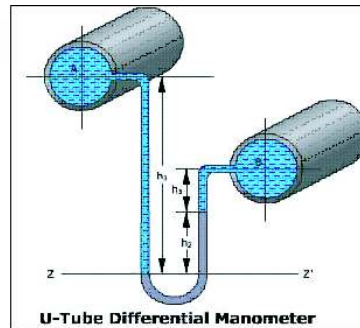
Introduces, Global e-Learning System in Education & Training in the form of Learning Resources with Computer Aided Instructions



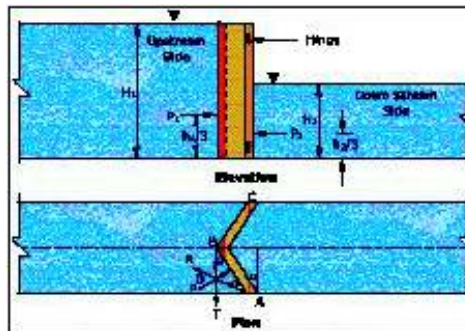
System Requirement:- IBM-PC Compatible Min P-III with Window-OS, 128 MB RAM/Multimedia Kit

List of Topics

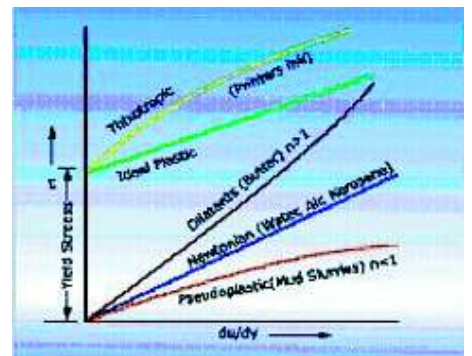
- ✍ Dimensional Analysis
- ✍ Kinematics of Fluid Flow
- ✍ Introduction and Properties of Fluids
- ✍ Fluid Pressure and it's Measurement.
- ✍ Hydrostatic Forces on Surfaces
- ✍ Buoyancy and Floatation
- ✍ Dynamics of Fluid Flow
- ✍ Laminar Flow
- ✍ Boundary Layer Theory
- ✍ Turbulent Flow
- ✍ Flow through Pipes
- ✍ Introduction to Hydrodynamic machines
- ✍ Impulse turbines
- ✍ Reaction turbine
- ✍ Hydrodynamic pumps/Centrifugal pumps
- ✍ Reciprocating pumps
- ✍ Fluid coupling & Torque converter



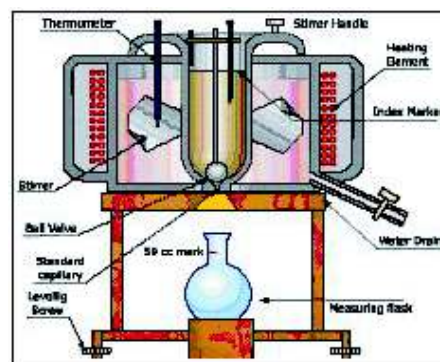
U-Tube Differential Manometer



Plan And Elevation of Lock Gates



Rheological Definition of fluid



Redwood Viscometer



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