

1. MCHE 532 Fluid system design Syllabus

1. Basic concepts of fluid system design
2. Specification, selection & application of centrifugal pumps
3. Project applications of pumping system for cold & hot water
4. Fire pump specifications and installations ,based on NFPA 20
5. Types of fans & Compressor and their applications
6. Performance theory of Fans & blowers & specification
7. Industrial & building fluid system applications
8. Design of various piping fluid for building systems such as applications on fluid thermal system (chillers & duct system & heat exchanger)
9. Formulation, analyzing and design of fluid systems