

Course Outline

| Topics | Periods |
|--|----------------|
| Following topics will be covered Review of Basic Fluid Mechanics Concepts, Cardiovascular Structure and Function Pulmonary Anatomy, Pulmonary Physiology and Respiration Hematology and Blood Rheology Anatomy and Physiology of Blood Vessels Pulsatile Flow in Large Arteries Modeling, Dimensional analysis & similitude | 45 |