SUBJECT NO-CE21003, SUBJECT NAME- HYDRAULICS

LTP- 3-1-0,CRD- 4

SYLLABUS :-

Basic properties of water; Determination of hydrostatic forces; Kinematics of flow; Potential flow; Continuity, Energy and Momentum principles; Open channel flow; Uniform and gradually varied flows; Dimensional analysis; Hydraulic similitude and Modelling; Flow in pipes and Pipe networks; Hydraulics machines; Pumps and Turbines.