

TEACHING LEARNING MATERIAL

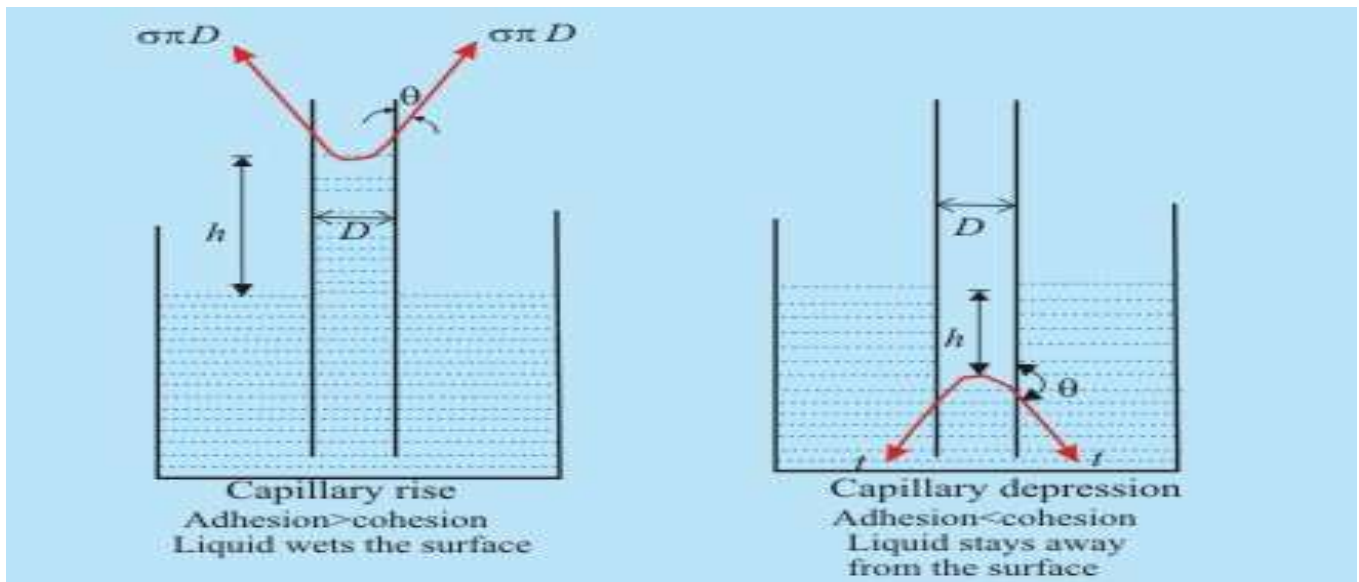


BRANCH: MECHANICAL ENGINEERING

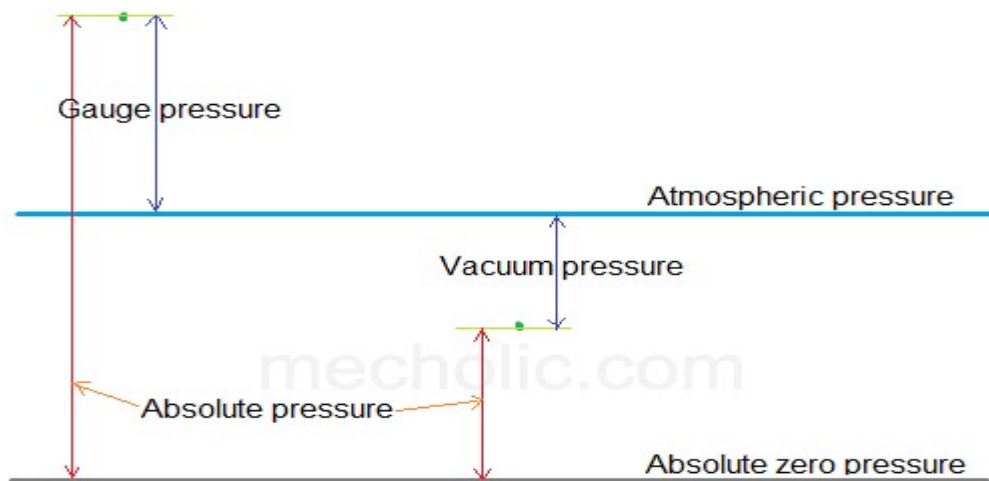
SEMESTER: 4TH SEMESTER

SUBJECT: FLUID MECHANICS

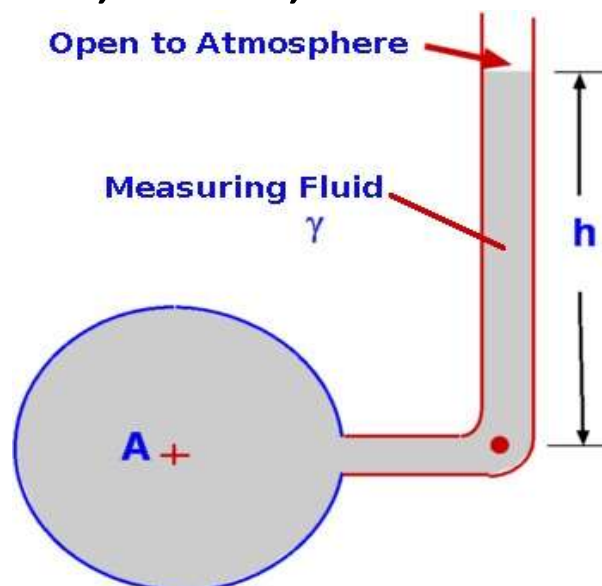
PREPARED BY: PROF. LAKSHMI NARAYANA PANDA
ER. RAKESH TRIPATHY



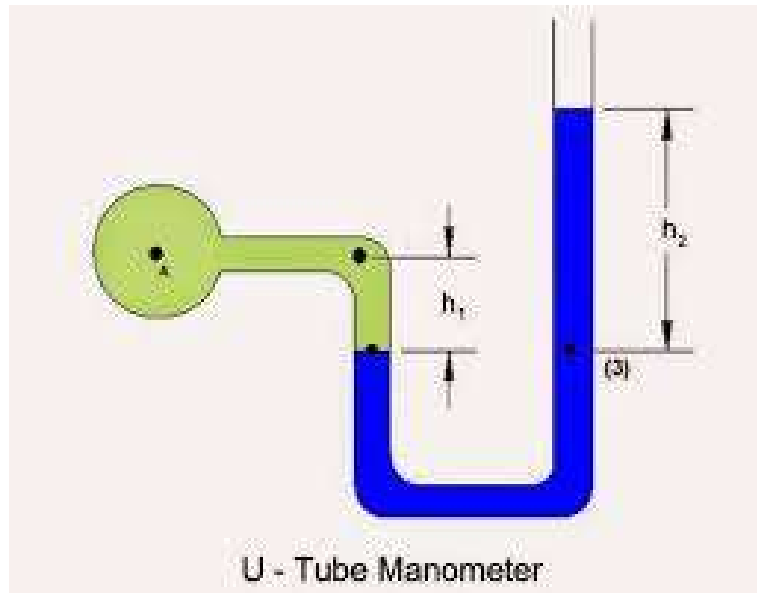
CAPILLARY PHENOMENON



ABSOLUTE, GAUGE, VACCUM PRESSURE



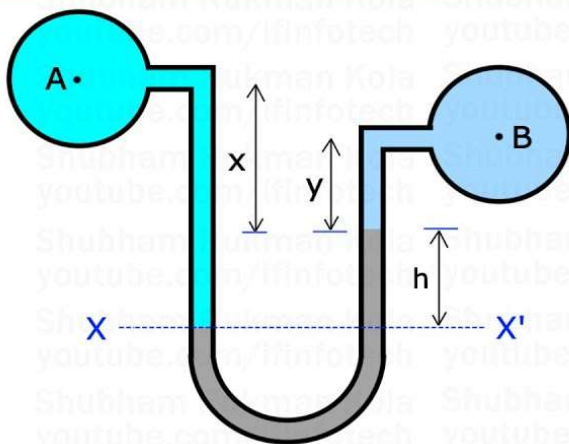
PIEZOMETER



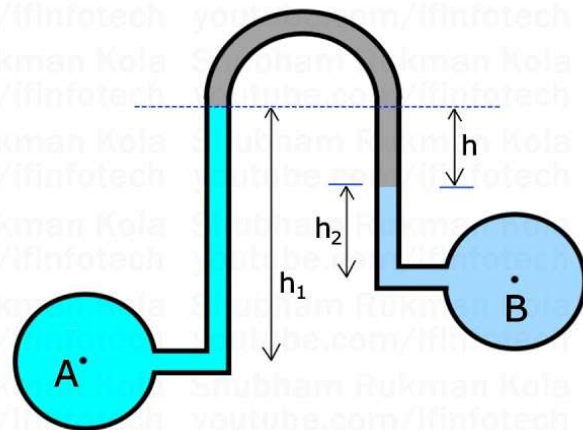
U-TUBE MANOMETER

Differential Manometers

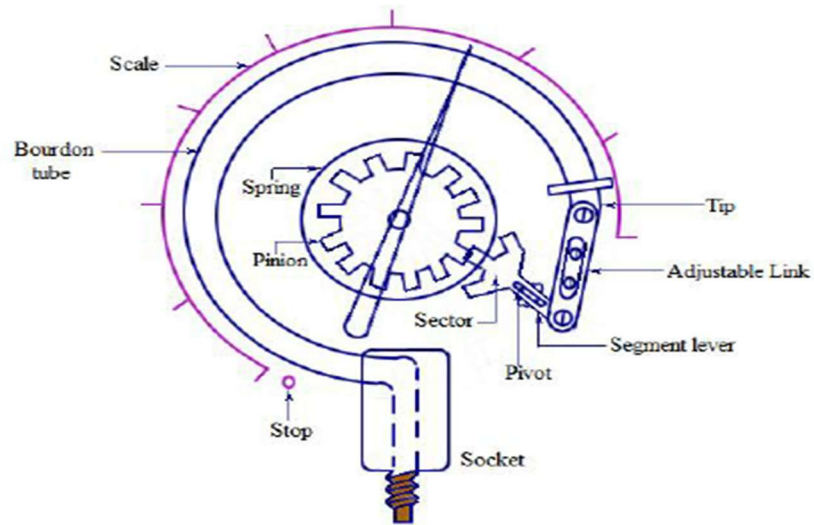
U-Tube



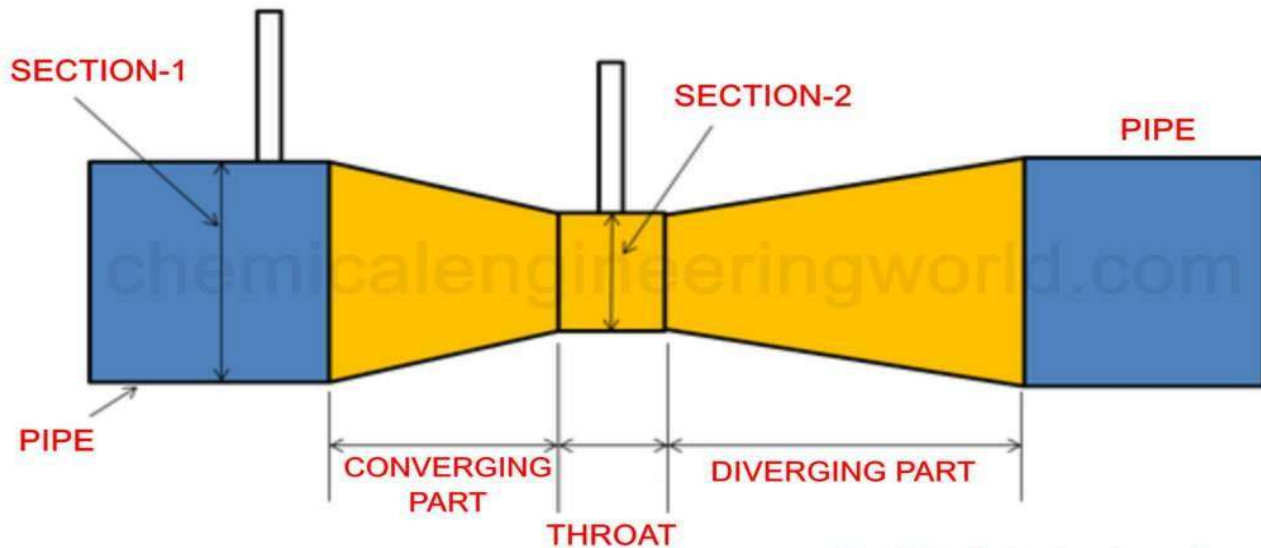
Inverted U-Tube



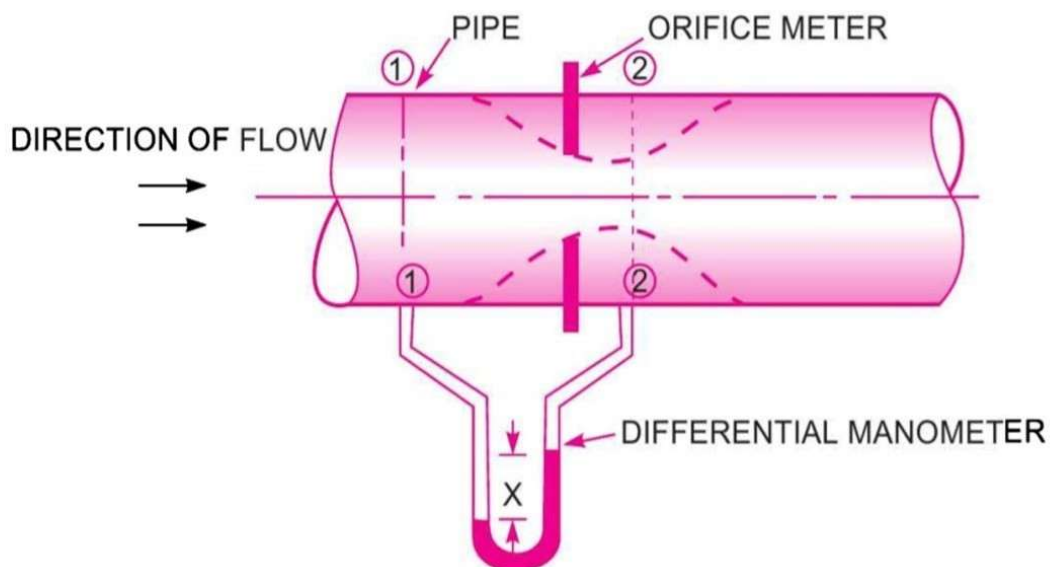
DIFFERENTIAL MANOMETER



BOURDON TUBE PRESSURE GAUGE

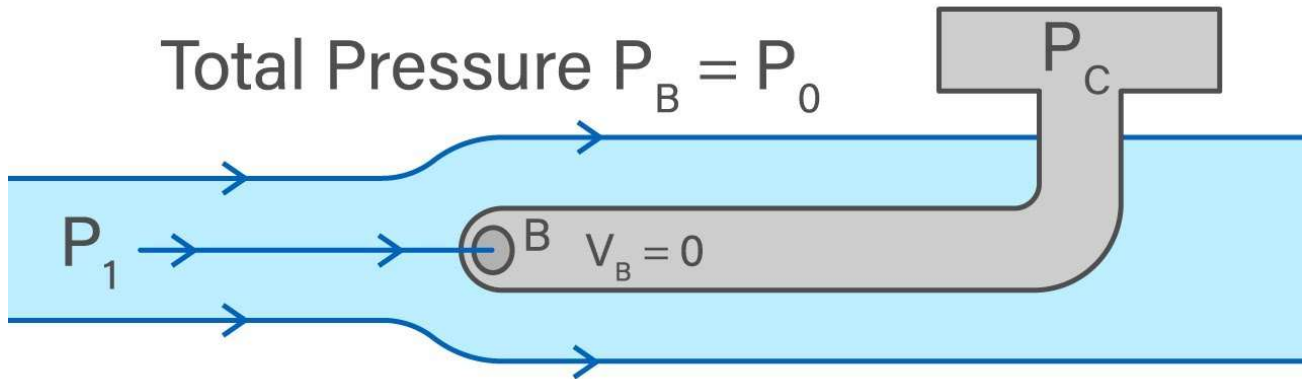


VENTURIMETER

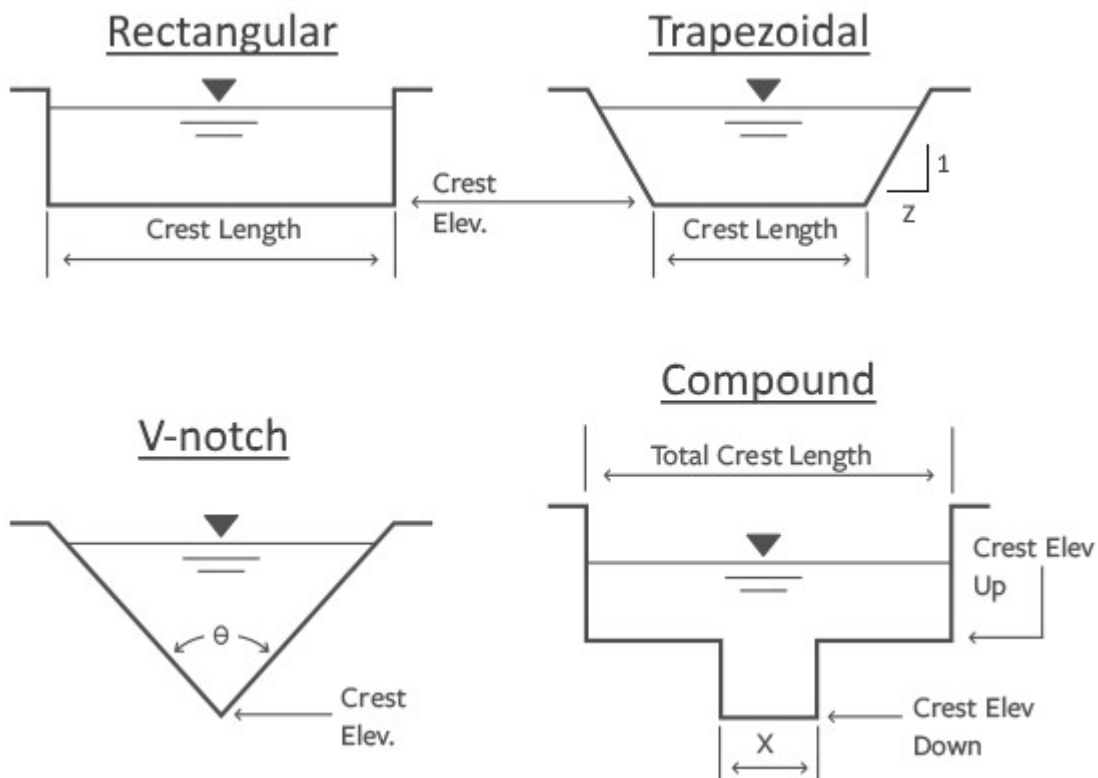


ORIFICEMETER

PITOT TUBE VELOCITY MEASUREMENT



PITOT TUBE



NOTCH