



**DEPARTMENT OF DRILLING ENGINEERING
ORISSA SCHOOL OF MINING ENGINEERING, KEONJHAR**



**LABORATORY NAME: FLUID MECHANICS & HYDRAULICS MACHINERY
EXPERIMENT DETAILS**

EXPERIMENT NUMBER	EXPERIMENT DETAILS
1	Measurement of pressure by using various pressure gauges.
2	Verification of Bernoulli's theorem by Bernoulli's verification apparatus.
3	Determination of discharge through venturimeter.
4	Find out orifice coefficient by orifice tank set up.
5	Determination of head loss due to friction for different pipes by pipe flow.
6	Study and sketching of hydraulic press
7	Study and sketching of hydraulic ram.
8	Study and sketching of hydraulic accumulator.
9	Study and sketching of hydraulic lift.

