



DEPARTMENT OF DRILLING ENGINEERING
ORISSA SCHOOL OF MINING ENGINEERING, KEONJHAR



LABORATORY NAME: DRILLING MACHINERY-I
EXPERIMENT DETAILS

EXPERIMENT NUMBER	EXPERIMENT DETAILS
1	Study of drilling accessories, instruments and fittings.
2	Study of different fishing tools.
3	Study of different drill machines, different units of rig by disassembling and assembling.
4	Practicing the starting of Diesel Engine, Petrol Engine and Running Electric Motors.
5	Study of different types of water pumps and different units of reciprocating pump, centrifugal pump, turbine pump, mono pumps, submersible pump etc by disassembling and assembling.
6	Practicing operational techniques and maintenance of rig, Simplex, Duplex and Triplex pump at site.
7	Practicing the operation of rig at the site.

