



S. N. Patel Institute of Technology & Research Centre, Umrakh

(A Vidyabharti Trust Institution)

Mechanical Engineering Department

Laboratory Name: Fluid Power Engineering

Sr.No.	Equipment Name and Description
1	IMPACT OF JET ON VANES (WITH STAINLESS STEEL TANKS)
2	CENTRIFUGAL PUMP TEST RIG (MULTI STAGE, VARIABLE SPEED, SERIES & PARALLEL AND WITH STAINLESS STEEL TANK)
3	RECIPROCATING PUMP TEST RIG (WITH VARIABLE SPEED, DIGITAL RPM MEASUREMENT AND STAINLESS STEEL TANKS)
4	PELTON WHEEL TURBINE TEST RIG, OUTPUT POWER 1KW WITH KIRLOSKAR PUMP SET, L&T MAKE FULLY AUTOMATIC STAR DELTA STARTER, MECHANICAL DYNAMOMETER AND STAINLESS STEEL TANK
5	FRANCIS TURBINE TEST RIG, OUTPUT POWER 1KW WITH KIRLOSKAR PUMP SET, L&T MAKE FULLY AUTOMATIC STAR DELTA STARTER, MECHANICAL DYNAMOMETER AND STAINLESS STEEL TANK
6	DIGITAL TECHOMETER
7	DIGITAL TECHOMETER
8	DOUBLE STAGE AIR COMPRESSOR TEST RIG(2HP WITH CROMPTON MOTOR) WITH KIRLOSKAR MAKE COMPRESSOR