

Course Type	Course Code	Name of Course	L	T	P	Credit
DP	MMC308	PUMPS, FANS & COMPRESSORS LAB	0	0	2	02

1	Study of Single and Multistage Centrifugal Pump and Progressive Cavity Pump
2	To Conduct the Performance Test of a Centrifugal Blower.
3	To predict the behaviour and performance of the centrifugal pump at different flow rate, head and speed.
4	To predict the behaviour and performance of centrifugal pumps at different flow rate, head and speed in series and parallel connections.
5	To conduct a test on reciprocating air compressor and to determine the volumetric efficiency and isothermal efficiency at various delivery pressures.
6	To find out the Volumetric efficiency, Isothermal efficiency and Mechanical efficiency of a Screw compressor.
7	To evaluate the performance of a multistage centrifugal pump and plot the performance characteristics.
8	To Conduct the Performance test of an axial fan