



B. P. Poddar Institute of Management & Technology

Academic Year: 2018-19, Semester: Even

Laboratory Name: Thermal Engineering Lab Room No.: A 106

Course Name: Thermal Power Engineering Lab

Course Code: ME (EE) 481

List of Experiments to be conducted

Sl. No.	Name of Experiment	CO	PO
1	Study of Babcock and Wilcox boiler	CO1	PO1,PO 2, PO 3, PO9, PO12, PSO 2
2	Study of Cochran Boiler	CO1	PO1,PO 2, PO 3, PO9, PO12, PSO 2
3	Study of Lanchashire Boiler	CO1	PO1,PO 2, PO 3, PO9, PO12, PSO 2
4	Study of Locomotive boiler	CO1	PO1,PO 2, PO 3, PO9, PO12, PSO 2
5	Study of 4-S Petrol engine	CO4	PO1,PO 2, PO12, PSO 2
6	Study of the Valve Timing Diagram of a 4-S Petrol Engine.	CO4	PO1,PO 2, PO12, PSO 2
7	Determination of flash point and fire point by the Cleveland Apparatus	CO2	PO1,PO 2, PO12, PSO 2
8	Determination of flash point and fire point by the Pensky Martens Apparatus	CO2	PO1,PO 2, PO12, PSO 2
9	Determination of flash point and fire point by the Abel Apparatus	CO2	PO1,PO 2, PO12, PSO 2
10	Determination of cloud point and pour point for a given sample of fuel	CO3	PO1,PO 2, PO12, PSO 2
11	Study of Bomb Calorimeter to determine the calorific value of a solid fuel	CO5	PO1,PO 2, PO12, PSO 2
12	Experiment on Newton's Law of cooling	CO6	PO1,PO 2, PO12, PSO 2
13	Experiment outside curriculum		
14	Micro project (one page report) Detailed report to be submitted separately		