



ENERGY ECONOMICS AND MANAGEMENT (2721008)

Open Elective

LIST OF EXPERIMENT

No.	Title	Date	No. of Pages	Sign of Faculty	Remark
1	Calculate the Boiler Efficiency with direct and indirect methods of testing				
2	Analyze the furnace Efficiency as per standards for reference readings				
3	Understand the methodology for heat exchanger performance assessment with sample calculations.				
4	Carryout the performance evaluation of the rewound motors.				
5	Test the performance of a cooling air fan as per reference standards.				
6	Determine the pump efficiency through field testing.				
7	Calculate the isothermal efficiency of a reciprocating air compressor.				
8	Evaluate the performance of an air conditioning unit.				
9	Assess the lighting system of a confined place as per the standards.				
10	Carryout economic analysis of add-on solar system				