**Principles of Physics II (PHY112)**

**List of Experiments**

**Exp 2: Determination of the end correction of a meter bridge**

**Exp 3: Determination of the resistance of a wire and the specific resistance of its material by using a meter bridge**

**Exp 4: Determination of the resistance of a galvanometer by half deflection method**

**Exp 5: Determination of the time constant of an RC series circuit**

**Exp 6: Determination of the ratio of the electromotive forces of two cells by using a potentiometer**

**Exp 7: Determination of the internal resistance of a cell by using a potentiometer**

**Exp 8: Determination of the mechanical equivalent of heat**

**Exp 9: Determination of the line frequency of Alternating Voltage signal generated by the electric power plant with the help of an alternating voltage signal of known frequency by forming Lissajous curves in an oscilloscope and the determination of the time base of the oscilloscope**