

# *Electrical & Electronics Measurement- 2*

Responsible Teacher: **Hasan Murad Munna**  
**(Jr. Instructor of Electrical Technology)**

# Chapter-1 (Extension of Instrument Range)

## Introduction:

- To increase the ranges of ammeter, we need to connect a small shunt resistance in parallel with ammeters. To increase the ranges of a voltmeter, we need to connect a high series of multiplier resistance in series with voltmeters. We can extend the range of ammeter by keeping a shunt resistance.

List different types of instruments for which extension is required:

List of the instruments under the below:-

1.Ammeter

2.Volt Meter

3.Watt Meter

4.Energy Meter



# Types of Electrical Meters

