



D.N.R. COLLEGE OF ENGINEERING & TECHNOLOGY

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

(Accredited with A⁺⁺ Grade by NAAC)

Balusumudi, BHIMAVARAM – 534 202. W.G. Dist., (A.P.)



Fax No: 08816-221236, Phone: 08816-221237, 38, Email: dncrcet@gmail.com, web: www.dncrcet.org


ELECTRICAL MEASUREMENTS LAB

List of Equipments (EMs LAB)

As on 1st July 2023

| S. No | Name | Make | Date | Unit Cost | Quantity | Total Cost in Rs. |
|-------|---------------------------------------|------------------------|-----------|-----------|----------|-------------------|
| 1 | LVDT Characteristics kit | Unitech Scales | 29-9-2012 | 12500-00 | 1 | 12500-00 |
| 2 | Strain gauge | Unitech Scales | 29-9-2012 | 12500-00 | 1 | 12500-00 |
| 3 | 1- ϕ Energy Meter | | 29-9-2012 | 1250-00 | 1 | 1250-00 |
| 4 | Ammeter, MI(0-10A) | AE | 29-9-2012 | 1450-00 | 1 | 1450-00 |
| 5 | Wattmeter, UPF (150/300V,5/10A) | AUTOMATIC ELECTRIC LTD | 29-9-2012 | 3500-00 | 1 | 3500-00 |
| 6 | 1- ϕ Resistive load box(0-5A) | | 29-9-2012 | 12000-00 | 1 | 12000-00 |
| 7 | Voltmeter, MI (0-300V) | AE | 29-9-2012 | 1450-00 | 1 | 1450-00 |
| 8 | Wattmeter, UPF (250V,5/10A) | AE | 29-9-2012 | 3500-00 | 1 | 3500-00 |
| 9 | Voltmeter, MI (0-300V) | AE | 29-9-2012 | 1450-00 | 1 | 1450-00 |
| 10 | 1- ϕ Auto Transformer(0-270V,5A) | | 29-9-2012 | 4800-00 | 1 | 4800-00 |
| 11 | 1- ϕ Resistive load box(0-5A) | | 29-9-2012 | 8500-00 | 1 | 8500-00 |
| 12 | Ammeter, MI(0-10A) | AE | 29-9-2012 | 1450-00 | 1 | 1450-00 |
| 13 | Crompton DC Potentiometer | OXFORD | 29-9-2012 | 5500-00 | 1 | 5500-00 |
| 14 | Standard Cell (1.0180V) | OXFORD | 29-9-2012 | 3550-00 | 1 | 3550-00 |
| 15 | 2V-DC Power supply unit | OXFORD | 29-9-2012 | 1850-00 | 1 | 1850-00 |
| 16 | Galvanometer (30-0-30) | OXFORD | 29-9-2012 | 550-00 | 1 | 550-00 |
| 17 | Volt Ratio Box | OXFORD | 29-9-2012 | 4500-00 | 1 | 4500-00 |
| 18 | Kelvins Double | OXFORD | 29-9-2012 | 12500-00 | 1 | 12500-00 |

| | | | | | | |
|----------------------|--|----------------|------------|----------|---|-------------|
| | Bridge | | | | | |
| 19 | Scheering Bridge | OXFORD | 29-9-2012 | 8500-00 | 1 | 8500-00 |
| 20 | Head Phone set | | 29-9-2012 | 1250-00 | 1 | 1250-00 |
| 21 | Anderson Bridge | OXFORD | 29-9-2012 | 8500-00 | 1 | 8500-00 |
| 22 | Head Phone set | | 29-9-2012 | 1250-00 | 1 | 1250-00 |
| 23 | Wattmeter, UPF (150V/300V,5/10A) | AE | 29-9-2012 | 3500-00 | 1 | 3500-00 |
| 24 | Voltmeter, MI (0- 300V/600V) | AE | 29-9-2012 | 1450-00 | 1 | 1450-00 |
| 25 | Ammeter, MI(0- 10A) | AE | 29-9-2012 | 1450-00 | 1 | 1450-00 |
| 26 | 3- ϕ Inductive load(0-5A) | | 29-9-2012 | 18000-00 | 1 | 18000-00 |
| 27 | Voltmeter, MI(0- 300V/600V) | AE | 29-9-2012 | 1450-00 | 3 | 4350-00 |
| 28 | Ammeter, MI(0-2A) | AE | 29-9-2012 | 1450-00 | 3 | 4350-00 |
| 29 | Load Choke(5A) | | 29-9-2012 | 5500-00 | 1 | 5500-00 |
| 30 | 1- ϕ Auto Transformer(0- 270V,2A) | | 29-9-2012 | 3800-00 | 1 | 3800-00 |
| NEW EQUIPMENT | | | | | | |
| 31 | Voltmeters MI (0- 300/600) V | MECO V | 31-10-2022 | 1840-00 | 3 | 5520-00 |
| 32 | Digital multimeter | MECO | 31-10-2022 | 2572-00 | 1 | 2572-00 |
| 33 | RPS(0-40V/2A), DC, Dual | LA | 31-10-2022 | 7965-00 | 1 | 7965-00 |
| 34 | Wire wound rheostats(100 Ω ,2A) | STEAD | 31-10-2022 | 4248-00 | 1 | 4248-00 |
| 35 | Wire wound rheostats(600 Ω ,2A) | STEAD | 31-10-2022 | 19470-00 | 1 | 19470-00 |
| 36 | LPF WATTMETER (150/300/600V,5/10 A) | MECO-V | 31-10-2022 | 8142-00 | 1 | 8142-00 |
| 37 | FUNCTION GENERATOR(0- 2MHz) | LA | 31-10-2022 | 7965-00 | 1 | 7965-00 |
| 38 | DECADE INDUCTANCE BOX(6-DILES) | AS INSTRUMENTS | 31-10-2022 | 4838-00 | 1 | 4838-00 |
| 39 | DECADE RESISTANCE BOX(6-DILES) | AS INSTRUMENTS | 31-10-2022 | 4071-00 | 1 | 4071-00 |
| 40 | AMMETER MC(0- 1/2A) | MECO-V | 31-10-2022 | 2572-00 | 1 | 2572-00 |
| 41 | VOLTMETER MC(0-30/60V) | MECO-V | 31-10-2022 | 2572-00 | 1 | 2572-00 |
| Total Cost | | | | | | 2,30,035-00 |


 Head
 Department of EEE
 D.N.R. College of Engg. & Tech
 BHIMAVARAM-534 202