

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

Chebrolu (V&M), Guntur (Dt), A.P-522212

|  |  |
| --- | --- |
| **BLOCK :**  | B |
| **FLOOR :**  | GROUND FLOOR |
| **ROOM NO:**  | 001 |
| **ROOM SIZE (in Sq. mtrs):** |   |
| **LAB NAME:** | **METROLOGY & INSTRUMENTATION LAB** |
| **FANS :**  |  4 |
| **TUBE LIGHTS :**  |  2 |
| **CHAIRS :**  |  3 |
| **TABLES :**  | 12 |
| **OPEN IRON RACKS :**  | 0 |
| **IRON CLOSED RACKS :** | 1 |
| **Others:** | STOOLS-55 |

**EQUIPMENT DETAILS**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **NAME OF THE EQUIPMENT** | **MAKE/SUPPLIER** | **NO.OF EQUIPMENT** |
| **1** | **vernier calipers (0-15CM)-10 Nos** | **MEK** | **10** |
| **2** | **vernier calipers (0-30CM)-10 Nos** | **MEK** | **10** |
| **3** |  **micrometers (0-25mm)-10 Nos** | **MEK** | **10** |
| **4** |  **micrometers (25-50mm)-10 Nos** | **MEK** | **10** |
| **5** |  **micrometers (50-75mm)-10 Nos** | **MEK** | **10** |
| **6** | **Inside micrometers (50-250mm)-10 Nos** | **MEK** | **10** |
| **7** | **Digital micrometers (0-25mm)-05 Nos** | **MEK** | **5** |
| **8** | **Gear tooth Vernier (1-26)-03 Nos** | **MEK** | **3** |
| **9** | **Dial Vernier Calipers (6" Range)-05 Nos** | **MEK** | **5** |
| **10** | **Slip gauge box (83 Pieces)** | **MEK** | **1** |
| **11** | **Granite Surface plate (450 x 450)-02** | **MEK** | **1** |
| **12** | **Dial Bore Gauge (50-150mm)-05 Nos** | **MEK** | **1** |
| **13** | **Tool makers microscopes-02 Nos** | **MEK** | **2** |
| **14** | **Dial indicators(10 Nos)** | **MEK** | **10** |
| **15** | **Bevel proctactor-02 Nos** | **MEK** | **2** |
| **16** | **Sine bar(125mm)-02 Nos** | **MEK** | **2** |
| **17** | **Sine bar(250mm)-02 Nos** | **MEK** | **2** |
| **18** | **Magnetic stands-05 Nos** | **MEK** | **5** |
| **19** | **Spirit level(3 Nos)** | **MEK** | **3** |
| **1** | **Pressure measurement System** | **TECH-ED** | **1** |
| **2** | **Displacement measuring system (L.V.D.T)** | **TECH-ED** | **1** |
| **3** | **Angular Displacement measurement system** | **TECH-ED** | **1** |
| **4** | **Temperature measuring system (T/C., R.T.D, Thermistor)** | **TECH-ED** | **1** |
| **5** | **Temperature measurement system (R.T.D.)** | **TECH-ED** | **1** |
| **6** | **Temperature measurement system (J.K.T.)** | **TECH-ED** | **1** |
| **7** | **Strain measuring system** | **TECH-ED** | **1** |
| **8** | **Vibration Analyser** | **TECH-ED** | **1** |
| **9** | **Speed measurement & D.G. Motor controller (Photo & Magnetic pickuo)** | **TECH-ED** | **1** |
| **10** | **Mcleod gauge(Low Pressure measurement system)** | **TECH-ED** | **1** |
| **11** | **Rotameter test RIG** | **TECH-ED** | **1** |