

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

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|  |  |
| --- | --- |
| **BLOCK :**  | G |
| **FLOOR :**  | GROUND FLOOR |
| **ROOM NO:**  | 003 |
| **ROOM SIZE (in Sq. mtrs):** |   |
| **LAB NAME:** | **HEAT TRANSFER LAB** |
| **FANS :**  |   |
| **TUBE LIGHTS :**  |   |
| **CHAIRS :**  |   |
| **TABLES :**  |   |
| **OPEN IRON RACKS :**  | 0 |
| **IRON CLOSED RACKS :** | 0 |
| **Others:** |  |

**EQUIPMENT DETAILS**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **NAME OF THE EQUIPMENT** | **MAKE/SUPPLIER** | **NO.OF EQUIPMENT** |
| 1 | Heat transfer co-efficient of a composite slab. | TECH-ED | 1 |
| 2 | Heat transfer rate through a lagged pipe. | TECH-ED | 1 |
| 3 | Thermal conductivity of insulating powder | TECH-ED | 1 |
| 4 | Thermal conductivity of metal bar | TECH-ED | 1 |
| 5 | Heat transfer from pin-fin. | TECH-ED | 1 |
| 6 | Heat transfer in forced convection. | TECH-ED | 1 |
| 7 | Heat transfer in natural convection. | TECH-ED | 1 |
| 8 | Emissivty measurement model | TECH-ED | 1 |
| 9 | Stefan Boltzman apparatus | TECH-ED | 1 |
| 10 | Condensation in Drop wise film wise  | TECH-ED | 1 |
| 11 | Critical heat flux apparatus | TECH-ED | 1 |
| 12 | Heat pipe apparatus model | TECH-ED | 1 |
| 13 | Boiling heat transfer apparatus | TECH-ED | 1 |
| 14 | Parellel and counter flow heat exchanger | TECH-ED | 1 |