

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

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| --- | --- |
| **BLOCK :**  | G |
| **FLOOR :**  | GROUND FLOOR |
| **ROOM NO:**  | 004 |
| **ROOM SIZE (in Sq. mtrs):** |   |
| **LAB NAME:** | **FLUID MECHANICS & HYDRAULIC MACHINES LAB** |
| **FANS :**  | 3 |
| **TUBE LIGHTS :**  | 1 |
| **CHAIRS :**  | 2 |
| **TABLES :**  | 7 |
| **OPEN IRON RACKS :**  | 1 |
| **IRON CLOSED RACKS :** | 1 |
| **Others:** | STOOLS-9 |

**EQUIPMENT DETAILS**

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| --- | --- | --- | --- |
| **S.NO** | **NAME OF THE EQUIPMENT** | **MAKE/SUPPLIER** | **NO.OF EQUIPMENT** |
| 1 | Impact of jets on Vanes. | TTE | 1 |
| 2 | Single Stage Centrifugal Pump. | TTE | 1 |
| 3 |  Multi Stage Centrifugal Pump. | TTE | 1 |
| 4 | Reciprocating Pump. | TTE | 1 |
| 5 | Venturimeter& Orifice meter. | TTE | 1 |
| 6 |  friction factor for a given pipe line. &loss of head due to sudden contraction in a pipeline. | TTE | 1 |
| 7 | Turbine flow meter. | TTE | 1 |
| 8 | Pelton Wheel Turbine | TTE | 1 |
| 9 |  FRANCIS Turbine. | TTE | 1 |