

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

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

|  |  |
| --- | --- |
| **BLOCK :** | G |
| **FLOOR :** | GROUND FLOOR |
| **ROOM NO:** | 006 |
| **ROOM SIZE (in Sq. mtrs):** |  |
| **LAB NAME:** | **THERMAL ENGINEERING LAB** |
| **FANS :** | 3 |
| **TUBE LIGHTS :** | 1 |
| **CHAIRS :** | 2 |
| **TABLES :** | 9 |
| **OPEN IRON RACKS :** | 0 |
| **IRON CLOSED RACKS :** | 0 |
| **Others:** |  |

**EQUIPMENT DETAILS**

|  |  |  |  |
| --- | --- | --- | --- |
| **S.NO** | **NAME OF THE EQUIPMENT** | **MAKE/SUPPLIER** | **NO.OF EQUIPMENT** |
| **1** | **Cut section of I.C. Engines valve timing diagram** | **KIRLOSKER** | **1** |
| **2** | **Cut section of I.C. Engines port timing diagrams** | **BAJAJ** | **1** |
| **3** | **2-s single cylinder air cooled horizontal S.I.2.5h.p.@3000 rpm variable speed petrol engine test rig. Coupled with rope brake dynmometer** | **GREEVENCE** | **1** |
| **4** | **Single cylider 4 stroke vertical air cooled variable speed 4 hp@3000 rpm diesel engine test rig. Coupled with rope brake dynamometer** | **KIRLOSKER** | **1** |
| **5** | **Two stage 2 cylinder with inter cooler air compressor test rig** | **KIRLOSKER** | **1** |
| **6** | **Simple vertical boiler-cut model** | **TECH-ED** | **1** |
| **7** | **locomotive boiler-cut model** | **TECH-ED** | **1** |
| **8** | **bob cock & willcocks boiler-cut model** | **TECH-ED** | **1** |
| **9** | **4-S syngle cylinder water cooled C.I. 5h.p.@1500 RPM governed diesel engine test rig coupled with rope brake dynamometer along with retardation test with additional fly wheel method** | **KIRLOSKER** | **1** |