

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

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

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| --- | --- |
| **BLOCK :**  | D |
| **FLOOR :**  | GROUND FLOOR |
| **ROOM NO:**  | 008 |
| **ROOM SIZE (in Sq. mtrs):** |   |
| **LAB NAME:** | **THEORY OF MACHINES LAB** |
| **FANS :**  | 4 |
| **TUBE LIGHTS :**  | 4 |
| **CHAIRS :**  | 1 |
| **TABLES :**  | 15 |
| **OPEN IRON RACKS :**  | 1 |
| **IRON CLOSED RACKS :** | 0 |
| **Others:** |  |

**EQUIPMENT DETAILS**

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| --- | --- | --- | --- |
| **S.NO** | **NAME OF THE EQUIPMENT** | **MAKE/SUPPLIER** | **NO.OF EQUIPMENT** |
| 1 | Whirling Speed Of Shaft  | MICROTECHNOLOGIES | 1 |
| 2 | Hartnell Governor  | MICROTECHNOLOGIES | 1 |
| 3 | Motorized Gyroscope  | MICROTECHNOLOGIES | 1 |
| 4 | Undammed Free Vibration Of A Spring Mass System | MICROTECHNOLOGIES | 1 |
| 5 | Damped Force Vibration Of A Spring Mass System | MICROTECHNOLOGIES | 1 |
| 6 | Dynamic Balancing Using Rigid Blocks | MICROTECHNOLOGIES | 1 |
| 7 | Moment Of Inertia Of A Flywheel | MICROTECHNOLOGIES | 1 |
| 8 | Follower Displacement Vs Cam Rotation  | MICROTECHNOLOGIES | 1 |
| 9 | Coefficient Of Friction Between Belt And Pulley | MICROTECHNOLOGIES | 1 |
| 10 | Simple And Compound Screw Jack | MICROTECHNOLOGIES | 1 |
| 11 | Spur, Gear Model  | MICROTECHNOLOGIES | 1 |
| 12 | Helical, Gear Model  | MICROTECHNOLOGIES | 1 |
| 13 | Worm Gear Model  | MICROTECHNOLOGIES | 1 |
| 14 | Bevel Gears |   | 1 |