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| **NAME OF THE LABORATORY:**  **DYNAMICS LABORATORY** |
| **S.No** | **Name of the Equipment** | **Quantity Required as per AU R2013** | **Quantity Available** | **Remarks** |
| 1 | Cam follower setup. | 01 | 01 |  |
| 2 | Motorised gyroscope. | 01 | 01 |  |
| 3 | Governor apparatus - Watt, Porter, Proell and Hartnell governors. | 01 | 01 |  |
| 4 | Whirling of shaft apparatus. | 01 | 01 |  |
| 5 | Dynamic balancing machine. | 01 | 01 |  |
| 6 | Two rotor vibration setup. | 01 | 01 |  |
| 7 | Spring mass vibration system. | 01 | 01 |  |
| 8 | Torsional Vibration of single rotor system setup. | 01 | 01 |  |
| 9 | Gear Models | 01 | 01 |  |
| 10 | Kinematic Models to study various mechanisms. | 01 | 01 |  |
| 11 | Turn table apparatus. | 01 | 01 |  |
| 12 | Transverse vibration setup ofa) cantileverb) Free-Free beamc) Simply supported beam. | 01 | 01 |  |
| **ADDITIONAL EQUIPMENTS FOR THE LABORATORY** |
| 01 | Strotscopic machine | Nil | 01 |  |
| 02 | Ratchet and paul mechanism | Nil | 01 |  |

Lab In charge Lab coordinator HoD Principal