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| **NAME OF THE LABORATORY: FLUID MECHANICS AND MACHINERY LABORATORY** |
| **S.No** | **Name of the Equipment** | **Quantity Required as per AU R2013** | **Quantity Availabe** | **Remarks** |
| 1 | Orifice meter setup | 01 | 01 | Nil |
| 2 | Venturi meter setup | 01 | 01 | Nil |
| 3 | Rota meter setup | 01 | 01 | Nil |
| 4 | Pipe Flow analysis setup | 01 | 01 | Nil |
| 5 | Centrifugal pump/Submergible pump setup | 01 | 01 | Nil |
| 6 | Reciprocating pump setup | 01 | 01 | Nil |
| 7 | Gear pump setup | 01 | 01 | Nil |
| 8 | Pelton wheel setup | 01 | 01 | Nil |
| 9 | Francis turbine setup | 01 | 01 | Nil |
| 10 | Kaplan turbine setup | 01 | 01 | Nil |
| **ADDITIONAL EQUIPMENTS FOR THE LABORATORY** |
|  | **Name of the Equipment** | **Quantity Available** |
| 01 | Multistage centrifugal pump | 01 |
| 02 | Pitot tube | 01 |
| 03 | Hydraulic Flume | 01 |
| 04 | Orifices and Mouthpieces apparatus | 01 |
| 05 | Metacentric height | 01 |

Lab In charge Lab coordinator HoD Principal