**LABORATORIES**

1-Material Technology Lab

2-Soil Mechanics Lab

3-Surveying Lab

4-Hydraulics Lab

5-CAD Lab

1-Material Technology Lab

**LIST OF EQUIPMENTS**

|  |  |  |
| --- | --- | --- |
| S. No. | Name of Equipment |  Quantity |
| 1. | UNVERSAL TESTING MACHINE | 02 |
| 2. | COMPRESSIVE TESTING MACHINE | 01 |
| 3 | LOS ANGLE,S ABRATION MACHINE | 01 |
| 4 | SIEVE SHAKER MACHINE | 02 |
| 5. | ATTRITION MACHINE | 01 |
| 6. | IMPACT MACHINE  | 01 |
| 7. | VICAT APPARATUS | 03 |
| 8. | OVEN | 01 |
| 9. |  |  |
| 10 |  |  |

2-Soil Mechanics Lab

**LIST OF EQUIPMENTS**

|  |  |  |
| --- | --- | --- |
| S. No. | Name of Equipment |  Quantity |
| 1. | TRIAXIAL TEST | 01 |
| 2. | DIRECT SHEAR TEST | 01 |
| 3 | LIQUID LIMIT APPARATUS | 02 |
| 4 | SHRINKAGE LIMIT APPARATUS | 01 |
| 5. | PERMEABILITY TEST APP. | 01 |
| 6. | CBR TEST APPARATUS | 01 |
| 7. | CONSOLIDATION TEST APPARATUS | 01 |
| 8. | SIEVE SHAKER  | 01 |
| 9. | PROCTOR TEST APPARATUS | 01 |
| 10 | OVEN | 01 |
| 11 | PYCNOMETER | 04 |

3-Surveying Lab

**LIST OF EQUIPMENTS**

|  |  |  |
| --- | --- | --- |
| S. No. | Name of Equipment |  Quantity |
| 1. | THEDOLITE  | 05 |
| 2. | DUMPY LEVEL | 07 |
| 3 | PLAN TABLE | 05 |
| 4 | PRISMATI COMPASS | 03 |
| 5. | CHAIN 30M | 10 |
| 6. | TAPE 30M | 12 |
| 7. | TAP E20M | 10 |
| 8. | RANGING ROD | 50 |
| 9. | ARROWS | 50 |

4-Hydraulics Lab

**LIST OF EQUIPMENTS**

|  |  |  |
| --- | --- | --- |
| S. No. | Name of Equipment |  Quantity |
| 1. | VENTURI METER | 01 |
| 2. | TANK WITH ORIFICE | 02 |
| 3 | HYDRAULIC BENCH | 02 |
| 4 | MAJOR FRICTIONAL LOSSES IN PIPES | 01 |
| 5. | MINOR/BEND/ EXPANSION FRICTIONAL LOSSES IN PIPES | 01 |
| 6. | BROAD CRESTED WIER CHANEL | 01 |
| 7. | TRANGULAR NOTCH CHANAL | 01 |
| 8. | PUMP | 03 |
| 9. | TURBINE | 02 |

4- CAD Lab

**LIST OF EQUIPMENTS**

|  |  |  |
| --- | --- | --- |
| S. No. | Name of Equipment |  Quantity |
| 1. | COMPUTOR’S | 06 |