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

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| **BLOCK :**  | **G** |
| **FLOOR :**  | **GROUND FLOOR** |
| **ROOM NO:**  | **004/ ENGINEERING GEOLOGY LAB** |
| **ROOM SIZE (in Sq. mtrs):** | **48.87** |
| **LAB NAME:** | **ENGINEERING GEOLOGY LAB** |
| **FANS :**  | **3** |
| **TUBE LIGHTS :**  | **0** |
| **CHAIRS :**  | **0** |
| **STAFF TABLES :**  | **0** |
| **EXPERIMENT TABLES :**  | **3** |
| **CLOSED IRON RACKS :**  | **2** |
| **WOODEN CLOSED RACKS :** | **0** |
| **Others:** | **BENCHES-0****,STOOLS-1** |
| **LAB SPECIFICATIONS** |

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| **SL.NO** | **NAME OF THE EXPERIMENT** | **EQUIPMENT REQUIRED** | **QUANTITY** | **WORKING STATUS** |
| 1 | ROCK FORMING MINERALS | QUARTZ GROUP, FELDSPAR GROUP, | 1 | YES |
| GARNET GROUP, & TALC, CHLORITE,  |
| KYANITE, TOURMELENE, CALCITE, ETC… |
| 2 | ORE FORMING MINERAL | MAGNETITE, HEMATITE, PYRITE, ETC… | 1 | YES |
| 3 | IGNEOUS ROCKS | TYPES OF GRANITE, PEGMATITE, GABBRO, | 1 | YES |
| DOLERITE, GRANITE PORYPHERY, BASALT, ETC… |
| 4 | SEDIMENTARY ROCKS | SAND STONE,  | 1 | YES |
| LIME STONE, SHALE, LATERITE, ETC… |
| 5 | METAMORPHIC ROCKS | BIOTITE – GRANITE GNEISS, SLATE, | 1 | YES |
| MUSCOVITE & BIOTITESCHIST, MARBLE, ETC… |
| 6 |   | HARDNESS BOX | 1 | YES |
| 7 |   | STREACK PLATES | 2 | YES |