

## **STRENGTH OF MATERIALS LABORATORY**

The students are enriched with the knowledge of hardness of steel, the impact strength of square rod, double shear test and tensile strength of rods used in construction.

### **EQUIPMENTS**

- UTM of minimum 400kN capacity with double shear attachment
- Torsion testing machine
- Izod impact testing machine
- Brinell hardness testing machine
- Rockwell hardness testing machine
- Beam deflection apparatus
- Le chatelier apparatus
- Vicat's apparatus