

# **GYAN SAGAR COLLEGE OF ENGINEERING**

## **DEPARTMENT OF CIVIL ENGINEERING**

### **Strength of Materials Lab**

#### **LIST OF EXPERIMENTS:**

- 1. Study of Universal testing machine**
- 2. To determine the compressive and tensile strength of materials.**
- 3. To determine the Brinell hardness of materials.**
- 4. To determine the Rockwell hardness of materials**
- 5. To determine the toughness of the materials.**
- 6. To determine the stiffness of the spring.**
- 7. To determine the deflection of beam by the use of deflection-beam apparatus.**