

## **COMPUTER AIDED TESTING AND MODELING LABORATORY**

### **List of Experiments:**

#### **TESTING:**

1. Preparation and study of the Microstructure of ferrous metals and alloys.
2. Preparation and study of the Microstructure of nonferrous metals and alloys.
3. Effect of tempering time on the hardness of quenched carbon steels.
4. Effect of tempering temperature on the hardness of a hardened carbon steels.

#### **MODELING:**

1. Surface modeling.
2. Solid modeling.
3. Drafting.
4. Assembling.