



## Applied Mechanics and Mechanics of Machinery Lab

Mechanical and Production Engineering Department

Ahsanullah University of Science & Technology (AUST)

### General Lab Safety Rules

**Wear PPE:** Lab coat, safety goggles, gloves, and closed-toe shoes are mandatory.

**No Unauthorized Entry:** Only authorized students and staff are allowed in the lab.

**Keep Workspace Clean:** Ensure all equipment is stored properly and workspaces are clean after experiments.

**No Eating or Drinking:** Food and drinks are strictly prohibited to avoid contamination.

### Accident and Health Hazard Provisions

**First Aid Kit:** Familiarize yourself with its location and basic first aid procedures.

**Fire Safety:** Know the emergency exits and fire alarm locations. Evacuate immediately if a fire cannot be controlled.

**Incident Reporting:** Report accidents immediately to the lab In-Charge. Investigations will be conducted to prevent future incidents

### **Lab Contact Information**

Lab In-Charge: Dr. Md. Kharshiduzzaman

Emergency Contact: [LA:01743431974, AAO: 01534100141]

### Safety Procedures for Specific Equipment

**Epicyclic Gear Train:** Secure setup and handle gears carefully to prevent dislodging.

**Helical Spring Testing Apparatus:** Align springs properly; avoid standing in front during tests.

**Torsion Testing Machine:** Fasten specimens securely before applying torque.

**Combined Shear Force and Bending Moment Apparatus:** Secure beams and avoid overloading the apparatus.

**REMEMBER: Safety First! Always adhere to lab safety protocols.**