

## **AR6301 : Mechanics of Structures II**

### **Unit 1 –Shear Force and Bending Moment**

#### **Lecture 1**

#### **Glossary**

**Shear Force:** Shear force at any section or point is defined as algebraic sum of vertical forces acting either to the left or right of the section or point of a beam.

**Bending Moment:** Bending moment at any section or point is defined as the algebraic sum of moments produced by forces acting either to the left or right of the section or point of a beam.