

## **GLOSSARY**

### **Axial load -**

When load is acting along the longitudinal axis of the column. It produces compressive stress in column.

### **Buckling -**

Buckling of Columns is a form of deformation as a result of axial-compression forces. This leads to bending of the column, due to the instability of the column. This mode of failure is quick, and hence dangerous. Length, strength and other factors determine how or if a column will buckle. Long columns compared to their thickness will experience elastic buckling