## **Objectives**

- Area of plane figures like square, Rectangle, Circle, Triangle, Ellipse.
- Students will learn the mathematical formula to calculate the area of the above mentioned plane figures.
- Total surface area of some of the solids also discussed in this lecture.
- Solid shape like cube, cylinder and cuboid are also discussed
- Mathematical formula for volume of cube, cuboid, cylinder, cone and the sphere are discussed in this lecture.