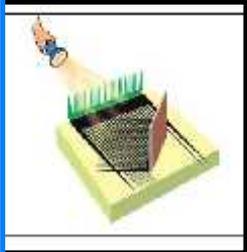


ATOMIC ENERGY EDUCATION SOCIETY- MUMBAI

LIGHT, SHADOWS AND REFLECTION- MODULE 1/1

HANDOUT



Light: Electromagnetic radiation that can be detected by the human eye.

Shadows: It is a dark area or shape produced by a body coming between rays of light and a surface.

Reflection: When a ray of light approaches a smooth polished surface and the light ray bounces back, it is called the reflection of light.

The learning objectives:

- ✓ Luminous and non- luminous objects
- ✓ Transparent, Opaque and Translucent objects.
- ✓ Formation of shadow and its characteristic features.
- ✓ Rectilinear propagation of light.
- ✓ Pinhole camera and its characteristic features.
- ✓ Mirrors and reflections.