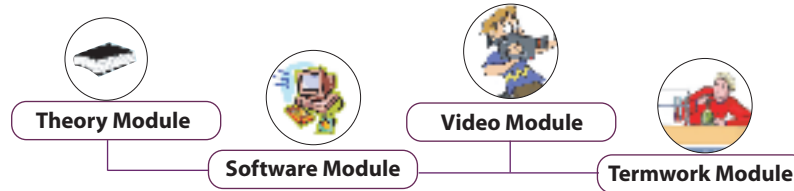


# Electrical & Illumination Design



**System Requirement:-** IBM-PC Compatible with Window-OS, 128 MB RAM/Multimedia Kit

## List of Topics

- ✍ Radiation & colour
- ✍ Eye & vision
- ✍ Different entities of illuminating systems
- ✍ Light sources: daylight, incandescent, electric discharge, fluorescent, arc lamps and lasers
- ✍ Luminaries, wiring, switching & control circuits
- ✍ Laws of illumination; illumination from point, line and surface sources
- ✍ Photometry and spectrophotometry
- ✍ Environment and glare
- ✍ General illumination design
- ✍ Interior Lighting- Industrial, Residential, Office Department Store, Indoor Stadium, Theater and Hospitals
- ✍ Exterior Lighting- Flood, Street, Aviation and Transport lighting, Lighting for display, LED and LCD displays beacons and lighting for Surveillance
- ✍ Utility Services for large building /office complex & layout of different meters and protection units
- ✍ Different type of loads and their individual protections
- ✍ A specific design problem on this aspect

