

Credit-I

1. Concepts and Overview of Remote Sensing
2. Remote Sensing and Electromagnetic Spectrum
3. Concept of Resolution- spatial, spectral, temporal and radiometric
4. Sensors and Sensor types
5. Remote Sensing Satellites; LANDSAT, IRS and Cartosat

Credit-II

1. Aerial Photographs and their types
2. Stages of Remote Sensing data acquisition
3. Interaction of EMR with the atmosphere (Refraction, Scattering, Absorption and transmission)
4. Interaction of EMR with earth surface features (water, vegetation, soil & snow)
5. Fundamentals of Image Interpretation and its elements