

EVS 607 RS, GIS and GPS: Basics and Applications

(Credits: 04)

OBJECTIVE: To explain the concepts of remote sensing (RS), geographical information system (GIS) and geographical positioning system (GPS); data collection and interpretation; and application of these technologies in environmental management

Photogrammetry and Remote Sensing: Meaning, scope and significance; Aerial photographs and RS technology; Data collection and interpretation; Application in environmental studies interpretation; Application in environmental studies.

GIS and GPS: Fundamental concepts; Importance; Issues and trends; Database creation; Data editing and analysis; Applications in environmental studies