Dempo Charities Trust's
DHEMPE COLLEGE OF ARTS & SCIENCE
Miramar, Panaji-Goa

Certificate Course in Remote Sensing and GIS

CourseObjective:
To acquaint student with basic satellite image interpretation and analysis

CourseContents:

MODULE ONE: Introduction to Remote Sensing, Electro Magnetic Radiations and their interference with Earth's surface and atmosphere, satellites, orbits, sensors, resolutions (spatial, spectral, radiometric, temporal) and image processing, Introduction to Geographic Information System.

MODULE TWO: Utilizing GIS software packages, importing raster and vector images, Georeferencing raster and vector images. Creating new vector layers (point, line or polygon), Classification by attribute, preparation of maps.

Course outcome:
Understand the principles behind remote sensing techniques

Use of geographic information system software

Importing and editing files,georeferencing and map making

Creating vector layers and classification by attributes

References: