

# Requirements of Infrastructure for the Study Centers for IGNOU's Post Graduate Certificate in Geoinformatics (PGCGI) Programme

For the study centre, following minimum infrastructure/ facilities are required:

- I. Space for relevant administrative activities
- II. Qualified Counsellors for conducting practical counselling sessions
- III. Qualified Counsellors for conducting theory counselling sessions
- IV. Software:
  - i) Image processing software *i.e.* ILWIS
  - ii) GIS software *i.e.* QGIS
  - iii) Google Earth

**Note: The three software can be freely downloaded from web.**

- V. System specification/ Hardware:
  - i) Desktop computers with specifications as required for successful installation and running of the above mentioned software
  - ii) Equipments related to aerial photo interpretation *i.e.* stereoscope, etc.
  - iii) Global Positioning Systems (GPSs)

**Note: For conducting practical, one computer system may be shared by two students, if necessary. If the numbers of PCs are not sufficient then the practical may be conducted in batches. Specifications mentioned here may change with time as per the versions of the software to be used.**

- VI. Sample Datasets:
  - i) Aerial photographs
  - ii) Satellite imageries
  - iii) Digital Remote sensing data
  - iv) Topographical maps (covering the same area as in the satellite images/aerial photographs)
- VII. Internet connection for selected lab sessions