

Geog. 433 Techniques in RS and GIS (Practical) Cr. Hours (03)
BS Geography (5th to 8th Semester) Programme, University of the Punjab, Lahore

- **GIS Lab. Work:**

- Introduction to GIS Lab (hardware/ software),
- Raster/Vector/Attribute Data Display, Scanning, Digitization,

BS Geography w.e.f. Academic Session 2020-2024 and onward

- coordinate based point mapping,
- Raster/ Vector Conversion,
- Data layer integration and display of different projections,
- Map layout,
- Data Classification and Thematic Mapping,
- Handling of Topological Errors,
- Overlay and network analysis.
- **RS Lab Work:**
 - Introduction to labs.,
 - single band image interpretation,
 - false color predictions, false color composite images interpretation,
 - visual interpretation of aerial photographs,
 - various sensors data comparison,
 - thermal infrared image interpretation,
 - introduction to ERDAS imagine,
 - display, geo-linking, identification of targets, field trips.