

Vector GIS: An Introductory short course on Geospatial Technology and Education, Organized by National Centre of Excellence in Geology, University of Peshawar on May 5-15, 2014

Day/Time	9:00-10:00	10:00-11:00		11:30-12:30	12:30-1:30
Monday (05-05-2014)	Welcome Note and Intro to Centre - Prof. Dr. M. Tahir Shah	Scope of Geographic Information System (GIS) - Prof. Dr. M. Asif Khan	Break	Intoduction to Geographic Information System (GIS) - Prof. Dr. Tazeem Khan	Introduction to Spatial Data and its Attributes - Prof. Dr. Tazeem Khan
Tuesday (06-05-2014)	Vector and Raster Data - Shah F Khan	Spatial Reference system - Mr. Shah F Khan		Introduction to ArcGIS - Mr. M Waqas Javed and Mr. Shah F Khan	Introduction to ArcGIS - Mr. M Waqas Javed and Mr. Shah F Khan
Wednesday (07-05-2014)	Coordinate Systems - Mr. Shah F Khan	Coordinate Systems - Mr. Shah F Khan		Working with ArcGIS - Mr. M Waqas Javed and Mr. Shah F Khan	Working with ArcGIS - Mr. M Waqas Javed
Thursday (08-05-2014)	Geographic Database - Mr. Shah F Khan	Spatial Analysis through GIS (Geodatabase)- Mr. Shah F Khan		ArcGIS for Digitizing, Adding Database, map calculations, Spatial Analysis) - Mr. M Waqas Javed	Creating Symbols, Labels and Layouts ArcGIS - Mr. M Waqas Javed
Friday (09-05-2014)	Introduction to Thematic Mapping - Mr. Shah F Khan	Choropleth Mapping - Mr. Shah F Khan		Spatial Analysis in GIS - Mr. M. Waqas Javed	Creating Geodatabase and data organization - Mr. M. Waqas Javed
Monday (12-05-2014)	Map Symbolism - Mr. Shah F Khan	Data output and visualization - Mr. Shah F Khan		Introduction to Google Earth Software - Mr. M Waqas Javed	Digitizing in Google Earth and tranferring data into ArcGIS environment - Mr. M Waqas Javed
Tuesday (13-05-2014)	Intorduction to GPS - Data Collection using GPS - Mr. Shah F Khan	WaterShed Management and GIS - Mr. Wajid Ali		Pratical Exercises using Google Earth and integrating information with ArcGIS - Mr. M Waqas Javed	Pratical Exercises using Google Earth and integrating information with ArcGIS - Mr. M Waqas Javed
Wednesday (14-05-2014)	Case Study and Field work (optional) - Mr. Shah Faisal and Mr. M Waqas Javed				