Advanced GIS training module followed @ CyberSWIFT

At CyberSWIFT, a certain format is followed under advanced training module. This module is applicable for experienced candidate who wish to brush up their skills for providing better services. The module is: -

Class	Subjects

1	**Basic Concepts**
	• GIS =Spatial +Non Spatial
	• Scanner
	• Images & Interpretations
	• Raster
	• Pixels
	• Vector
	• Raster to Vector – Digitizer
	• Cad
	• Database
	• DBMS
	• RDBMS
	• Query
	• Survey
	• Thematic Mapping
	• GPS
	1. **Applications of GIS**
	   ✓ Urban Development
	   ✓ Irrigation
	   ✓ Mining
	   ✓ Forestry
	   ✓ Health
	   ✓ Market Research
	   ✓ Disaster Management
	   ✓ Water Shed Management
	   ✓ Land use Mapping
	   ✓ Defense
	   ✓ Agriculture
	   ✓ Telecommunication

2	Scanning, Image Properties, Introduction of Imagery
3	Importing Raster, Geo-referencing
4	Geo-referencing, Image Co-ordinates, calibration
5	Raster to Vector
6	Raster to Vector
7	Database Introduction, Structure
8	Normalization
9	Different Approaches
10	Building Forms
11	Queries and Reports

12	Query, Attachment
13	Update Column
14	Theme Maps
15	Cartography
16	Building Layouts and Printing
17	AutoCAD – Basics
18	AutoCAD – Digitization Tools
19	TNT mips- Introduction
20	TNT mips- Import/Export, Geo-referencing
21	TNT mips- Digitizing, Database creation & Attachment
22	TNT mips- Query, Thematic Mapping, Pin Mapping, & other analysis
23	TNT mips- Layouts & Printing.
24	PROJECT
25	PROJECT