

Course objective

To train students in MapInfo GIS software, its uses, integrating the spatial data as well as analysis and application.

Course Outline

1. Introduction

- o Introduction to MapInfo
- o Main concept of MapInfo

2. Data Manipulation

- o Spatial data input
- o Data output
- o Projection and coordinate system
- o Conversion tool and its uses, spatial objects

3. Data-base development and Management

- o Attribute data handling
- o Spatial data analysis
- o Layout of spatial data
- o Data base query
- o Saving of layout in raster format
- o Display of spatial and attribute data

4. Presentation of result

- o Presentations of results in the form of maps, diagrams and tables.

Suggested References

1. MapInfo (2005) (version 8) application user guide book
2. MapInfo (1999) (version 5.12) application user's guide book
3. MapInfo (1998) (version 5.2) user's guide book
4. Maginr, D. J. (1991) "Geographic Information System". Longman, London.