CHAPTER 10

Future scope
The minimum features which should exist in a composite model of GIS are:

- Digitization
- Thematic map generation
- 2D-3D graph generation
- Georeferencing
- Change analysis of landuse/landcover images

The head-up digitization technique and the automatic digitization technique for polygon objects are designed and implemented. Automatic digitization for line and point object is left as future extension of the research.

Though the linear georeferencing technique for large scale small sized map in the change analysis tool is integrated but this method is not appropriate for small or medium scale maps. So one general georeferencing technique for any map may be designed and implemented in future.

The change detection and analysis tool for small scale landuse map are designed and implemented but this technique may be extended to map of any size. This is another future scope of the work.