

## **GEOGRAPHICAL INFORMATION SYSTEMS**

Principle of GIS, Data Acquisition, Spatial Data Bases, data structures and algorithms for GIS, spatial data, manipulation and analysis, query processor, visualization ,spatial decision support system, use of a typical GIS package. GIS system architecture, GIS design and implementation, application

### Text/References

Star,J.and ESTES,J., Gegographic information system-an introduction, prentice hall,NJ.,1990

De Meres, m.n., fundamentals of geographics information systems, John wiley& sons,INC.,ny,1997

Laurini, r.,Thompson,d.,fundamentals of spatial information systems, academic press London,1994

Magwire,D.J.,Goodchild,m.f. and rhind,d.m.Ed.,Geographical information systems principle and application,Longman group,U.K.,1991.