

SYLLABUS

Certificate Course in Map Reading

Objectives:

1. It is of pedagogical importance as it helps the students to acquire the firsthand experience about interpreting various types of maps.
2. It also helps the students to learn the various techniques of representing data (Physical and socio-economic) using maps.

Marks and Evaluation:

Total Marks: 100

Multiple Choice Questions (MCQs): 50 (Each question carries 2 marks)

Module

Unit I : Maps: Types, scale and content, representation of point, line and area in maps

Unit II : Thematic mapping: Concept and types

Unit III : Map reading; map design, layout and typography.

Unit IV : Techniques of interpretation of Topographical maps, satellite imageries and aerial photographs for thematic mapping.

(Duration- 10 minutes per participant, which is to be monitored and evaluated by the concerned experts)

Course Outcomes:

- This course will help students to proceed with a research problem and the steps he/she should adopt and tools to be used for doing quality research
- The students shall get a chance to observe ground reality directly and minutely
- It will help to develop understanding about designing and writing a research report

Suggested Readings:

1. Anson R. and Ormelling F. J., 1994: International Cartographic Association: Basic Cartographic Vol., Pergaman Press.
2. Gupta, K.K. and Tyagi, V.C., 1992: Working with Map, Survey of India, DST, New Delhi

3. Monkhouse, F.J. and Wilkinson, H.R., 1973: *Maps and Diagrams*, Methuen, London.
4. Singh R. L. and Singh R. P. B., 1999: *Elements of Practical Geography*, Kalyani Publishers
5. Sarkar, A. (2015) *Practical Geography: A Systematic Approach*. Orient Black Swan Private Ltd., New Delhi
