

B.A./B.Sc. 3rd Semester

C. Skill Enhancement Course (4 Credits)

60 Marks

GG-SEC-17301

Title: Surveying and its Applications

Credit -I

- 1) Instrument Field Surveying---Introduction
- 2) Types of Surveying
- 3) Surveying Instruments

Credit- II

Plane table survey

- 1) Radiation method (3-exercises)
- 2) Intersection method (3-exercises)
- 3) Resection method (3-exercises)

Credit- III

- 1) Dumpy level (3-exercises)
- 2) Theodolite (3-exercises)

Credit-IV

- 1) Prismatic Compass survey
Open Traverse (2 exercises)
Closed Traverse (2 exercises)
- 2) Attendance
- 3) Record file
- 4) Viva voce

Suggested Readings

1. Pal, S.K., Statistics for Geographers- Techniques and implications, Concept, New Delhi, 1998.
2. Robinson, A.H et al., Elements of Cartography, John Wiley and Sons, U.S.A., 1995.
3. Sarkar, A.K., Practical Geography: A Systematic Approach, Oriental Longman, Calcutta, 1997.
4. Singh, R.L, and Dutt, P.K., Elements of Practical Geography; Kalyani Publishers New Delhi, 1979.
5. Gopal Singh, Map World and Practical Geography; Vikas Publishing House 200.