

SRI VENKATESWARA UNIVERSITY - TIRUPATI

MINOR

SUBJECT: B.A. / B.Sc GEOGRAPHY

W.E.F. AY 2023-2024

SEMESTER – II

| | Theory | Practical |
|---|----------------------------------|------------------|
| 1 | Minor1:Fundamentals of Geography | Map Reading |

SRI VENKATESWARA UNIVERSITY - TIRUPATI

MINOR THEORY-I

PAPER-FUNDAMENTALS OF GEOGRAPHY

Course Objective

- To Introduce the Geography as discipline
- To describe Universe, Solar system and Earth and its elements

Course Outcome:

After the completion of the course the Students will able to

- Understand the Geography as Discipline.
- Obtain the knowledge on universe Earth and Life.
- Understand Globe and need of Latitudes and Longitudes.
- Improve the knowledge on earth rotation and revolution.
- Understand the importance of Maps and scale.

UNIT-I

Geography – Definition, Branches of Geography, Relationship of Geography with other subjects.

UNIT-II

The Earth: Origination of Universe and solar System-Evolution of the earth-Evolution of Lithosphere, Atmosphere and Hydrosphere - Evolution of life.

UNIT-III

Globe: Globe, Latitudes and Longitudes - Longitudes and Time calculation - International Date Line.

UNIT-IV

Movements of the Earth: Earth rotation and revolution – Occurrence of Day and nights – Leap Year - Occurrence of Seasons.

UNIT-V

Maps: Meaning, Classification-Scale: Classification-Direction

REFERENCES:

1. K. Siddhatha (2014) The Earth Dynamic Surface, Kishalaya Publication, New Delhi
2. Strahler, A. H. and Strahler, A. N., (2001) Modern Physical Geography (4th Edition), John Wiley and Sons, Inc., New York.
3. Bartholomeo, R. B., (1984) Earth Science, Heath and Co., Toronto.
4. Dury, G. H., (1980) The Face of the Earth, London: Penguins.
5. Ernst, W. G., (Ed.)
(2000) Earth Systems: Process and Issues, Cambridge University Press, Cambridge.
6. Recent Earthquakes in India and World—A global view of Tsunami-Volcanoes

Minor Practical-1: Map Reading

Course objectives:

To understand the study of Maps and Map reading Tools.

Course Outcome:

On the completion of syllabus students must be able to:

- Draw and compute map scales of different kinds.
- Measure the distance, areas and find the directions on maps.

Ex.01: Maps: Definition and classification

Ex.02: Drawing Globe and importance of latitudes and Longitudes

Ex. 03: Map Symbols and Legend.

Ex.04: Map Reading and Tools: Magnifier, Compass

References:

1. Singh, R.L, (1991) Elements of Practical Geography – Kalyani Publishers, New Delhi.
2. Monkhouse and Wilkinson (1976) Map and Diagrams, Methuen & Co, London.
3. Gopal Singh Map Work and Practical Geography, Vikas Publishing House Pvt Ltd, New Delhi.
4. Worthington, B.D.R. and Robert Gent (1975): Techniques in Map Analysis, Ebenezer Baylis and Sons, USA.
5. Anson, R.W. (Ed.) (1984) Basic Cartography for Students and Technicians, Volume 2,
6. International Cartographic Association, Elsevier Applied Science Publishers, London.
7. Dorling, D. and David Fairbairn (1997), Mapping: Map of representing the world, Addison Wesley Longman Ltd., U.K.