

MANGALORE UNIVERSITY
MSc Geography

GYP 460: Cartographic Methods

Course learning outcomes:

- CO1. Identify major elements of map
- CO2. Analyze methods representing geographic data
- CO3. Evaluate graphs and diagrams
- CO4. Analyze thematic maps

Unit 1: Representation of Geo-eco-socio-data: Proportional symbols-mono and multiple dots, circles- Spheres and cubes.. -14

Unit 2: Block Pile Diagrams – Pie Diagrams - Flow diagrams. -13

Unit 3: Graphs-Triangular Graphs, Semi-log and Log-log graphs. Population Pyramid. -13

Unit 4: Preparation of Choropleth, Isopleth, Choro-chromatic and choro-schematic maps. - 14

References

1. Monkhouse F.J. & H.R. Wilkinson (1952) Maps and Diagrams, their compilation and concentration, Methuen & Co, London
2. . Harwell J.D & M.S. Newson (1973) Techniques in Physical Geography, Macmillan Edn. Ltd, London.
3. Mishra R.P. & Ramesh A (1968) Fundamentals of Cartography, Prasaranga, University of Mysore.
4. Menno-Jan Kraak & Ferjan Ormeling (2003) Cartography Visualization of Geospatial Data, Pearson Edn Pvt. Ltd. (Singapore) New Delhi.
5. Nag P (1992) Thematic Cartography and Remote Sensing, concept Publishing Co. New Delhi.