

MANGALORE UNIVERSITY
MSc Geography

CORE COURSE: GYP 406: Interpretation of Maps

Course Learning Outcomes:

CO1: Understand the history and evolution of maps.

CO2: Understand the basic assumptions behind the making of maps.

CO3: To describe the physical features of any area.

CO4: Analyse topography through the interpretation of contours.

CO5: Interpret Indian daily weather maps.

Unit 1: Interpretation of SOI Topomaps: Conventional Signs and Symbols- Marginal Information- Physiography – Natural and Man Made Drainage – Natural and Human Induced Vegetation – Transportation and Settlements.

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Unit 2: Interpretation of Indian Daily Weather Maps, Sources of Weather Data IMD- Satellite and Modern Remote Wireless Techniques of Data Collection. Atmospheric Pressure Gradient and Isobar Trends- Wind Direction – Wind Rose – Other Weather Phenomena.

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Unit 3: Identification of Rocks - Five each in Igneous, Sedimentary, and Metamorphic Rocks. Identification of some Minerals and rocks (select 5).

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Unit 4: Drawing One and Two Point Perspective Block Diagrams. Sketches and Photographs of Landforms.

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References:

1. Monkhouse F.J. & H.R. Wilkinson (1952) Maps and Diagrams, their compilations and concentration, Methuen & Co. London.
2. Ashis Sen (1997) Systematic Practical Geography, Oriental Longman Ltd. Kolkata
3. Namowitz S.N. & Donald B. Stone (1965) Earth Science – The World We Live in 3rd Edition, D. Van Nostrand and company Inc. New Jersey, USA, pp. 3-59
4. Mishra R.P. (1969) Fundamentals of Cartography, Prasanga University of Mysore.
5. Harwell J.D. & M.D. Newson (1973) Techniques in Physical Geography, Macmillan Edn, Ltd. London.
6. R.L. Singh (2010) Practical Geography, Sharada Pustak Bhavan, 11, University Road, Allahabad, UP - India