GEOGRAPHY GENERIC ELECTIVE (FIRST/THIRD SEMESTER)

COURSE CODE: GEO-GE-01-TH PHYSICAL GEOGRAPHY

- 1. Geography as a discipline: Meaning, scope and content, branches of geography
- 2. Geotectonics: Origin and evolution of the earth, Interior structure of the earth; Wegener's Continental Drift theory and Plate Tectonic theory
- 3. Rocks: Major types of rocks and their characteristics,
- 4. Geomorphic processes: Weathering and mass wasting,
- 5. Geomorphology: Erosional and depositional features of river, glacier and wind.

COURSE CODE: GEO-GE-01-PR PRACTICALS

- 1. Scale: Definition, classification, construction of simple linear scale
- 2. Map Projection: Definition, classification and graphical construction of Zenithal Gnomonic Projection (Polar Case); Cylindrical Equal Area Projection; Simple Conical Projection with one Standard Parallel

Reading List

- 1. Kale V. S. and Gupta A., 2001: Introduction to Geomorphology, Orient Longman, Hyderabad.
- 2. Thornbury W. D., 1968: Principles of Geomorphology, Wiley.
- 3. Gupta K.K. and Tyagi, V. C., 1992: Working with Map, Survey of India, DST, New Delhi.
- 4. Mishra R.P. and Ramesh, A., 1989: Fundamentals of Cartography, Concept, New Delhi.
- 5. Monkhouse F. J. and Wilkinson H. R., 1973: Maps and Diagrams, Methuen, London.
- 6. Singh R. L. and Singh R. P. B., 1999: Elements of Practical Geography, Kalyani Publishers.
- 7. Sarkar, A. (2015) Practical geography: A systematic approach. Orient Black Swan Private Ltd., New Delhi

GEOGRAPHY GENERIC ELECTIVE (SECOND/FOURTH SEMESTER)

COURSE CODE: GEO-GE-02-TH GEOGRAPHY OF INDIA

- 1. Physiography, climate, natural vegetation and soil
- 2. Types of settlements, morphology of rural and urban settlements
- 3. Intensive farming (rice), plantation farming (tea and rubber), horticulture
- 4. Factors of industrial location, classification of industries, distribution of Iron and Steel industry, Cotton Textile industry
- 5. Growth and distribution of population; demographic characteristics of population.

COURSE CODE: GEO-GE-02-PR PRACTICALS

- 1. Geological map: Uniclinal and folded structure with given dips
- 2. Topographical maps: Interpretation of topographical map of India; relief, drainage, natural vegetation, settlement and transport & communication (plateau region)

Reading List

- 1. Mandal R. B. (ed.), 1990: Patterns of Regional Geography An International Perspective. Vol. 3 Indian Perspective.
- 2. Sharma, T. C. 2003: India Economic and Commercial Geography, Vikas Publ., New Delhi.
- 3. Singh R. L., 1971: India: A Regional Geography, National Geographical Society of India.
- 4. Singh, Jagdish 2003: India; A Comprehensive & Systematic Geography, GyanodayaPrakashan, Gorakhpur.
- 5. Spate O. H. K. and Learmonth A. T. A., 1967: India and Pakistan: A General and Regional Geography, Methuen.
- 6. Tirtha, Ranjit 2002: Geography of India, Rawat Publishers, Jaipur & New Delhi.
- 7. Tiwari, R.C. (2007) Geography of India. PrayagPustakBhawan, Allahabad
- 8. Sharma, T.C. (2013) Economic Geography of India. Rawat Publication, Jaipur