

**GEOGRAPHY**

**COURSE SCHEME FOR UNDER GRADUATE CLASSES UNDER CHOICE BASED CREDIT SYSTEM (CBCS) FROM 2016 ONWARDS**

Semester	Core Courses (12) 4+2= 6 credits	AECC (2) Ability Enhancement Course 2 credits each	SEC (4) Skill Enhancement Course 4 Credits each	DSE (6) Discipline Specific Elective 4+2=6 credits	ENG (4) 2 Credits
1st	DSC-1A	Commu Eng-I- 2 Evs -I 2			
	DSC-2A				
	DSC-3A				
2nd	DSC-1B	Commu Eng-II- 2 Evs -II 2			
	DSC-2B				
	DSC-3B				
3rd	DSC-1C		SEC-I		ENG-I
	DSC-2C				
	DSC-3C				
4th	DSC-1D		SEC-II		ENG-II
	DSC-2D				
	DSC-3D				
5th			SEC-III	DSE-1A	ENG-III
				DSE-2A	
				DSE-3A	
6th			SEC-IV	DSE-1B	ENG-IV
				DSE-1B	
				DSE-1B	
	6 x 12= 72	4 x 2 = 8	4 x 4=16	6 x 6=36	2 x 4=8 <b>140 credits</b>

**NOTE:** For taking Geography as one of the core subject in B.A/B.Sc course, a candidate is required to take one core course from Geography in the first and second semester comprising of 6 credits each (theory 4 credits + practical 2 credits). In third and fourth semester a candidate is required to take one core course of 6 credits each (theory 4 credits +practical 2 credits) along with one skill enhancement course (SEC) comprising of four credits in both third and fourth semesters. In the fifth and sixth semester, a candidate is required to take at least one Discipline Specific Elective (DSE) of 6 credits along with one Skill enhancement course (SEC) of four credits each for fifth and sixth semester.





**GG-CR-16201 Philosophies & Methodologies in Geography**

**Marks: 60**

**Credit-I**

- 1) The Nature of Geography
- 2) Objectives and relevance of Geography
- 3) Various Branches of Human Geography
- 4) Major themes of Geography (Areal Differentiation, Man-Environment Interaction & Spatial organization)
- 5) Dualism in Geography:
  - i. Regional/Systematic
  - ii. Physical/Human
  - iii. Historical/Contemporary

**Credit –II**

- 1) Contribution of Phoenicians in the field of Geography
- 2) Contribution of Greeks in the field of Geography
- 3) Contribution of Romans in the field of Geography
- 4) Contribution of Arabs in the field of Geography
- 5) Impact of Dark-ages on Geography

**Credit -III**

- 1) Geography as the study of Environment
- 2) Definition, Scope and significance of Ecology
- 3) Concept and broad types of Ecosystem
- 4) Biodiversity: Concept, Importance and Conservation
- 5) Ecological imbalances, causes and consequences

**Credit -IV**

- 1) Quantitative Techniques and their relevance in Geography
- 2) Quantitative Revolution in Geography
- 3) Geomorphic field survey: Meaning, Significance and Procedure
- 4) Socio-Economic field survey: Meaning, Significance and Procedure
- 5) Application of Remote Sensing in Geomorphology, Land use and Natural Hazards

**Suggested Readings**

1. Dikshit R D: Geographical Thought -A contextual History of Ideas. Prentice Hall India, New Delhi, 2000.
2. Hartshorne, Richard: Perspectives on the Nature of Geography, Rand McNally and Co., Chicago. 1959.
3. Harvey, David: Explanation in Geography, Edward -Arnold London, 1972.
4. Husain, Majid: Evolution of Geographical Thought, Rawat Publications, Jaipur, 1984.
5. James, P E: All Possible Worlds: A History of Geographical Ideas, Sachin Publication, Jaipur, 1980.
6. A.H.Strahler & A.N.Strahler, Modern Physical Geography, John Wiley & Sons, Inc 2001
7. M. Z. A. Khan & S.K. Agarwal, Environmental Geography, AHP Publishing Co. 2010
8. S. Gupta & M. Gupta, Environment I Population and Resources, 1997



**GGP-CR-16201- Practical**

**Surveying**

**Marks: 30**

**Credit – I**

- 1) Introduction to Surveying, Classification and types of Surveying
- 2) Plain Table Survey: Definition, Accessories, Procedure and Precautions
- 3) Radial, Intersection and Resection methods of Plain Table Survey
- 4) Tracing Paper Method and Trial and Error Method

**Credit - II**

- 1) Study of survey of India Topographic maps
- 2) Interpretation of survey of India topo-sheets with respect to Relief, Drainage, Settlements and Communication patterns
- 3) One day Socio-Economic field survey of local area within the District.

**Suggested Readings.**

1. Robinson, A.H et al., Elements of Cartography, John Wiley & Sons, U.S.A., 1995.
2. Sarkar, A.K., Practical Geography: A Systematic Approach, Oriental Longman, Calcutta, 1997.
3. Singh, R.L and Dutt, P.K., Elements of Practical Geography, Kalyani Publishers New Delhi, 1979.
4. Gopal Singh, Map World and Practical Geography, Vikas Publishing House 2000
5. Kali Charan Sahu, Textbook of Remote Sensing and Geographic Information System, Atlantic Publishers and Distributors 2008