

Choice Based Credit System (CBCS): Syllabus in Geography

**Semester- 4
(Marks-275, Credit- 20)**

SEMESTER	COURSE OPTED	COURSE NAME	CREDIT	MARKS		
				IA	ESE	TOTAL
IV	DISCIPLINE 1 (Geography)	Core Course (CC- 1D) Environmental Geography	4	15	40	75
		Practical (Field work)	2		20	
	DISCIPLINE 2 (other subject)	Core Course (CC – 2D) As to be offered by other department	6	15	60	75
	(Hindi/ MIL)	Core Language (L2-2)	6	15	60	75
	Skill Enhancement Course	SEC- 2 : Regional Planning and Development OR GIS based Project Report (Practical)	2	10	40	50
	Total		20			275

❖ *Core Course 1D: Theory-* Environmental Geography (*Credit 4*)

S.N.	Topic	Teacher
1	Concepts and approaches of Environmental Geography:	RH
2	Concept, Structure and Functions of Ecosystem	RH
3	Human-Environment Relationship in Mountain and Coastal Regions	BD
4	Environmental Problems and Management: Air and Water Pollution	BD
5	Environmental Programmes and Policies: MAB	RD
6	Forest and Wild Life Policy of India	RD
7	Environmental Movements in India: Chipko	AB
8	Wetlands: Ramsar Sites in India	AB

❖ *Core Course 1D: Practical-* Environmental Geography (*Credit 2*)

S.N.	Topic	Teacher
1	Questionnaire for Air Pollution and Health Perception Survey	RH
2	Soil Test using Kit : pH and Organic Carbon	AB, RD
3	Mapping of Wetlands from Topographical Sheet	BD
4	Mapping of Forest from Topographical Sheet	BD
	*A Project File, comprising one exercise each is to be submitted	



BOOKS

1. Casper J.K. (2010) Changing Ecosystems: Effects of Global Warming. InfobasePub. New York.
2. Hudson, T. (2011) Living with Earth: An Introduction to Environmental Geology, PHI Learning Private Limited, New Delhi.
3. Miller, G.T. (2007) Living in the Environment: Principles, Connections, and Solutions, Brooks/ Cole Cengage Learning, Belmont.
4. Singh, R.B. (1993) Environmental Geography, Heritage Publishers, New Delhi.
5. UNEP (2007) Global Environment Outlook: GEO4: Environment For Development, United Nations Environment Programme. University Press, Cambridge.
6. Wright R. T. and Boorse, D. F. (2010) Toward a Sustainable Future, PHI Learning PvtLtd, New Delhi.
7. Singh, R.B. and Hietala, R. (Eds.) (2014) Livelihood security in Northwestern Himalaya:
12. Case studies from changing socio-economic environments in Himachal Pradesh,
13. India. Advances in Geographical and Environmental Studies, Springer

❖ **SEC-2 : REGIONAL PLANNING AND DEVELOPMENT**

Credit: 2

Total Marks: 50 (40+ 10)

- 4 questions to be answered, each question carries 10 Marks, Total 40 Marks
- Internal Assessment: 10

S.N.	Topic	Teacher
1	Definition of Region; Types of Regions	RD
2	Regional Planning – Concept and Significance	RD
3	Human Development Index – Concept and Indicators	BD
4	Agricultural Development in India Since 1970s	BD
5	Industrial Development in India Since 1990s	RH
6	Planning Region: DVC	RH
7	Preparation of Questionnaire on Sanitation and Health	AB
8	Preparation of Questionnaire on Waste Management	AB