

**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.



**Course Structure UGSCBCS -2016 B.A/B.Sc. Geography**

Semester	Name of the Course	Course Number	Nature of Course	Credits
1 <sup>st</sup> .	Elements of Physical Geography	GG-CR-16101	CORE	4
	Practical-Cartography	GGP-CR-16101	CORE	2
2 <sup>nd</sup> .	Philosophies & Methodologies in Geography	GG-CR-16201	CORE	4
	Practical-Surveying	GGP-CR-16201	CORE	2
3 <sup>rd</sup> .	Human Geography	GG-CR-16301	CORE	4
	Practical- Quantitative Techniques in Geography	GGP-CR-16301	CORE	2
	Surveying and its Applications	GG-SEC-16301	Skill Enhancement Course	4
4 <sup>th</sup> .	Geography of India	GG-CR-16401	CORE	4
	Practical- Remote Sensing Techniques	GGP-CR-16401	CORE	2
	Regional Planning & Development	GG-SEC-16401	Skill Enhancement Course	4
5 <sup>th</sup> .	Geography of Tourism	GG-DSE-16501	Discipline Specific Elective	6
	Economic Geography	GG-DSE-16502	Discipline Specific Elective	6
	GIS & GPS Applications	GG-SEC-16501	Skill Enhancement Course	4
6 <sup>th</sup> .	Fundamental of Disaster Management	GG-DSE-16601	Discipline Specific Elective	6
	Field Techniques and Survey Based Project Report	GG-SEC-16601	Skill Enhancement Course	4

**Note: Lectures per week: 4 of one hour. Practical per week: 2 of two hours each**



**GG-CR-16301**

**Human Geography**

**Marks: 60**

**Credit -I**

- 1) Determinism and Possibilism
- 2) Pragmatism, Radicalism and Positivism
- 3) Behavioural Approach
- 4) Humanistic Approach

**Credit -I**

- 1) Races: Physical and Socio-Economic Characteristics, Spatial Distribution
- 2) Major Religious Groups: Spatial diffusion and distribution (Christianity , Islam, Hinduism and Buddhism)
- 3) Economic activities ( Primary Secondary, Tertiary and Quaternary)
- 4) Human Adaptation and Environment
  - i. Cold region- Eskimo
  - ii. Mountain –Gujjars

**Credit -III**

- 1) Population: Structure and Composition (Age, Gender), Comparison between developed and developing countries
- 2) Distribution and density of Population: Factors (Geographic, Socio-Economic and Demographic)
- 3) Concepts of Over-Population, Under-Population and Optimum-Population, Zero-Population growth
- 4) Theories of Population Growth: Malthus and Demographic Transition

**Credit -IV**

- 1) Meaning, Nature and Classification of Resources
- 2) Resource Conservation: Meaning and Importance
- 3) Methods of Conservation of Resources: Soil, Water, Forests and Minerals
- 4) Land degradation: Causes and Consequences

**Suggested Readings**

1. Beblig, H.J., Human Geography: Culture, Society and Space, John Wiley, New York, 1996.
2. Singh, K.N., People of India, An Introduction, Seagul Book, 1992.
3. Spate O.H.K, People of India, An Introduction, Seagul Books, 1992.
4. Majid Hussain, Human Geography, Rawat Publications 1994
5. L. N. Verma, Urban Geography, Rawat Publications 2006
6. Grish Chopra, Economic Geography, Commonwealth 2006
7. T. C. Sharma, Economic Geography of India, Rawat Publications 2013
8. R. K. Jain, A Textbook of Population Studies, Astha Publishers and Distributors 2014
9. Hans Raj, Fundamentals of Demography, Surjeet Publications.



**GGP-CR-16301- Practical Quantitative Techniques**

**Marks: 30**

**Credit – I**

- 1) Measures of Central Tendency: Mean, Median, Mode, Partition Values (Quartiles, Deciles & Percentiles)
- 2) Measures of Dispersion: Mean Deviation, Standard Deviation and Coefficient of Variation in data analysis
- 3) Correlation Analysis: Scatter Diagram and Karl Pearson's method
- 4) Use of above mentioned Statistical tools in Physical and Socio-Economic Data Analysis

**Credit – II**

- 1) Field work and Field report of Physical Geography of the Area.

**Suggested Readings**

1. Pal, S.K., Statistics for Geographers- Techniques and Applications, Concept, New Delhi, 1998.
2. Jones, p .A. , Fieldwork in Geography, Longman,1968.
3. Khan, Z.A., Text Book of Practical Geography. Concept publications, New Delhi, 1963.
4. Singh, R.L. and Dutt, P.K.: Elements of Practical Geography Kalyani Publishers, New Delhi.
5. Steers, J.A., Map projections, University of London press, London
6. Ashis Sarkar, Quantitative Geography- Techniques and Presentation, Oriental Blackswan 2013
7. B. C. Panda, Remote Sensing- Principles and Applications, Viva Books 2008
8. Khan. Z.A.,text Book of Practcal Geography, Concept, New Delhi, 1998.
9. Monkhouse, F.J. & Wilkinson, H.R., maps and Diaghrams, Mthuen, London, 1994.
10. Sarkar ,A.K., Practical Geography- A Systematic Approach, orient Longman, Calcutta, 1997.
11. Singh,R.L.,Elements of Practical Geography, Kalyani Pub, New Delhi.
12. L. R. Singh, Fundamentals of Practical Geography, Sharda Pustak Bhawan 2006
13. Gopal Singh, Map World and Practical Geography, Vikas Publishing House 2000
14. N. N. Basak, Surveying and Leveling, Tata McGraw Hill 1997
15. D. N. Elhance, V. Elhance & B. M. Aggarwal, Fundamentals of Statistics, Kitab Mahal 2008.