

**Scheme of Programme**  
**Scheme UG A1: Undergraduate Program: Multidisciplinary (Geography Subject)**

**Semester 1**

Course Code	Course Title	Course ID	L	T	P	L	T	P	Total Credits	MARKS				
			(Hrs)	Credits			TI	TE		PI	PE	Total		
<b>Core Course(s)</b>														
C-A1	Fundamentals of Physical Geography (Theory)	240/GEO/M/CC101	3	-	-	3	-	-	4	25	50	-	-	75
	Maps and Scales (Practical)	240/GEO/M/CC102	-	-	2	-	-	1		-	-	5	20	25

**Semester 2**

Course Code	Course Title	Course ID	L	T	P	L	T	P	Credits	MARKS				
			(Hrs)	Credits			TI	TE		PI	PE	Total		
<b>Core Course(s)</b>														
C-A2	Geography of India (Theory)	240/GEO/M/CC201	3	-	-	3	-	-	4	25	50	-	-	75
	Graphs and Diagrams (Practical)	240/GEO/M/CC202	-	-	2	-	-	1		-	-	5	20	25

**Semester 3**

Course Code	Course Title	Course ID	L	T	P	L	T	P	Credits	MARKS				
			(Hrs)	Credits			TI	TE		PI	PE	Total		
<b>Core Course(s)</b>														
C-A3	Human Geography (Theory)	240/GEO/M/CC301	3	-	-	3	-	-	4	25	50	-	-	75
	Map Projection and its construction (Practical)	240/GEO/M/CC302	-	-	2	-	-	1		-	-	5	20	25

**Semester 4**

Course Code	Course Title	Course ID	L	T	P	L	T	P	Credits	MARKS				
			(Hrs)	Credits			TI	TE		PI	PE	Total		
<b>Core Course(s)</b>														
C-A4	Principles of Economic Geography (Theory)	240/GEO/M/CC401	3	-	-	3	-	-	4	25	50	-	-	75
	Representation of Relief and Landforms (Practical)	240/GEO/M/CC402	-	-	2	-	-	1		-	-	5	20	25

## Gurugram University Gurugram, Haryana (India)

Under Graduate (UG) /B.A. Geography Syllabus- Multidisciplinary

(As per NEP 2020 w.e.f. session 2024-25)

**Scheme UG A4: Undergraduate Program: Multidisciplinary (Geography Subject)-Semester-4**

### PRINCIPLES OF ECONOMIC GEOGRAPHY (Theory)

**Paper Code: CC-A4-Course Id: 240/GEOM/CC401**

Credit: 03 (3+0+0) L+T+P Hrs/Week	Total Marks	75 Marks
Time: 3 Hours	End Semester Exam:	50 Marks
<b>Note:</b> (i) The Question one of paper is compulsory. It will encompass two parts: Part-A, of question one of paper will contain Map work of 05 marks (Five data points of one mark each). Candidates will be required to mark on all five data point neatly and cleanly on the provided Map. Part –B, of question one of paper will contain Multiple Choice Questions (MCQ)/Objective type/Terms of Five marks (one mark each). (ii) The question paper will have four units. Two questions will contain from each unit of the syllabus. Candidates are required to attempt one question from each unit. These questions will be of Ten marks each.	Internal Assessment:	25 Marks
	Attendance	05 Marks
	Assignment/Seminar /presentation/class presentation	05 Marks
	Session Examination	15 Marks

**Learning/Course Objectives:** To comprehend geography as a fundamental idea with notions to solve Economic Activity and pinpoint the factors dependable for Economic development in diverse environments. The fundamental ideas to be proverbial in geography will be covered in general in the introduction to Economic Geography course. To learn more about ideas connected to Economic Geography & comprehend geographical phenomena and processes. To be familiar with Economic activities and process prevalent.

**Learning/Course Outcomes:** CO1: To be acquainted with Economic Geography and Resources Prevalent to understand Economic activities around us. CO-2: To develop an improved philosophy and draw conclusion of major resources available with geographical perception. CO-3: To understand how Resources and means of transport influence different aspect our living on this earth. CO-4: To familiarize with geographical point of view of present resources and future perspective .CO-5: Student will be able to comprehend the Geographical Concepts which are relevant for Economic Geography and economic Growth and development.

#### UNIT-I

Economic Geography: Meaning ,Definition, Nature, Scope, and development of, Approaches to study Economic Geography, relationship of economic geography with economics and other branches of social sciences, Different Type of economic activities: Stages and their Characteristics (Primary, secondary, tertiary, Quaternary and Quinary Activities), Distribution pattern of Economic activities and their impact on environment.

#### UNIT-II

Natural Resources: concept, classification and distribution; Mineral ;( Iron ore ,Mica,Copper); Energy;( Coal ;Petroleum, Hydro electricity ) and Human Resources

#### UNIT-III

Agriculture : Types of Crops Rice ,Wheat , Sugarcane, Cotton and Tea. Industries: Type of Industries; Iron and Steel ,Cotton Textile, Sugar cane.

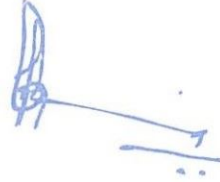
#### UNIT-IV

Trade and Transportation: Means of Transportation ,Roads ,railways ,Airways and Waterways and Trade ( National and International). Means of Communication: radio, television, mobile phone, newspaper, computer

#### Recommended Readings:

- Allexander, J.W., Economic Geography.
- Boesh, Hans, A Geography of World Economy.
- Bengston and Reyen, Fundamentals of Economic Geography.
- Chisholm, M., Modern World Development – A Geographical Perspective.
- Hartshorne TN and Alexander JW. 1988. Economic Geography, Prentice Hall, New Delhi.
- Jain, P.: Arthik Bhoogol ki Samiksha (Hindi)

- Jones CF and Darkenwald GG. 1975. Economic Geography. McMillan Company, New York
- Robertson, D. (ed.) Globalization and Environment, E. Elgas Co. U.K., 2001.
- Robinson, A.H., Jones, C.F. and Darkenwarld G.G.: Principles of Economic Geography.
- Singh, K.N. & Singh, J., Arthik Bhoogol ke Mool tatva (Hindi)
- Srivastava, V.K. & Rao, B.P.: Arthik Bhoogol.
- Thomas, RS. 1962. The Geography of Economic Activities. McGraw Hill, New York
- Wheeler, J.O. et. al.; Economic Geography, John Wiley, New York, 1995.
- Zimmerman, E.W, Introduction of World Resources.



## Gurugram University Gurugram, Haryana (India)

Under Graduate (UG) /B.A. Geography Syllabus- Multidisciplinary

(As per NEP 2020 w.e.f session 2024-25)

Scheme UG A4: Undergraduate Program: Multidisciplinary (Geography Subject)-Semester-IV

### REPRESENTATION OF RELIEF AND LANDFORMS (Practical)

Paper Code: CC-A4- Course Id: 240/GEO/M/CC402

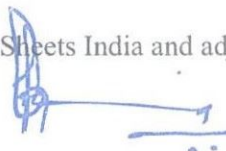
Credit: 01 (0+0+2) L+T+P Hrs/Week	Total Marks	25 Marks
Time: 4 Hours	Internal Assessment based on Attendance	05 Marks
Note: (i) The question paper Exercise Part (3 Question x 4 Marks= 12 Marks) will comprise three question/exercise from entire syllabus. Candidates (s) are required to attempt three question / exercise. These questions will be of 04 marks each. Candidates will be required to attempt question/exercise neatly and cleanly on the provided geography sheet. (ii) Record file will be of Maximum Four Marks. (iii) Viva Voce will be of Maximum Four Marks.	End Semester Exam:	20 Marks
	Exercise	12 Marks
	Record File	04 Marks
	Via-voce	04 Marks

**Learning/Course Objectives:** To understand Geography Features and Land forms elementary conception. To pertain the geography discernment to the universal Geography Features and Land forms concern. To establish the determinants that contributes to the scientific replication of Geography Features and Land forms. The fundamental ideas of different sizes and types of Geography Features will be covered in general in the course Geography Features and Land forms.

**Learning/Course Outcomes:** CO1: Students will have a basic acquaintance of Geography Features and Land forms, which are imperative for successfully representing Geography Features and Land forms for enhanced conception. CO-2: Develop a superior considerate of type of Geography Features and Land forms and their importance .CO-3: Recognize the ways in which variety of Geography Features and Land forms may be presented in an effective manner through suitable methods .CO-4: Recognize the ways in which a landform /feature may be recognized and presented scientifically. (CO-5)Enhance geography as an interdisciplinary and diverse field of study.

#### UNIT-I

Introduction to Topographical Sheets India and adjacent countries: Degree, Half , Quarter ,Million Sheet  
Conventional Signs. (03 Exercises)



#### UNIT-II

Methods of representing relief: Hachure's, Contours, Form lines, Spot heights, Bench marks, Trigonometrically Stations, Hill Shading, Layer Colouring, Profiles : Characteristics and Types.

(03 Exercises)

#### UNIT-III

Representation of Topographical features by contours: Slopes (Gentle, Steep, Concave, Convex, and Irregular or Undulating) V-Shaped, U-shaped, Gorge, Spurs, Conical Hill, Volcanic Hill, Plateau, Escarpment, Two adjacent hills, waterfall, sea cliff, overhanging cliff, Fiord coast; (10 Exercises)

#### UNIT-IV

Prismatic Compass Survey: By Radiation and Intersection method.

(02 Exercises)

#### Recommended Readings:

- Mishra, R.N. and Sharma, P.K. (2020): Prayogik Bhoogol, (Eng/Hindi), Rawat Publications, Jaipur
- Mishra RP and Ramesh A. (1999). Fundamentals of Cartography, Concept Publishing Company, New Delhi.
- Monkhouse, F.J. and H.R. Wilkinson (1972) Maps and Diagrams, Mothuen and Co. Ltd., London.
- Robinson A. H. (2009): Elements of Cartography, John Wiley and Sons, New York.
- Singh Gopal (2004) 4th edition, Map Work and Practical Geography, Vikas Publication House, New Delhi.
- Singh R. L. and Rana P. B. Singh. (1999): Elements of Practical Geography(Eng/Hindi). Kalyani Publishers, New Delhi.

- Singt, R.L. and Raghuvander Singh (1973), Map Work and Practical Geography, Central Book Depot, Allahabad.
- Singt, R.L. and P.K. Dutt (2012), Elements of Practical Geography (Eng/Hindi). Students Friends, Allahabad
- Sharma, J. P. (2010): Prayogmak Bhugol ki Rooprekha, Rastogi Publications, Meerut.
- Sarkar, A. (2015): Practical Geography: A Systematic Approach, Orient Black Swan Private Ltd., New Delhi.
- Sharma J. P. (2020): Prayogic Bhugol, (Eng/Hindi) Rastogi Publishers, Meerut.

