

INDIRA GANDHI UNIVERSITY

MEERPUR-REWARI, HARYANA-122502

(A State University Established under Haryana Act No.29 of 2013)

(Recognized u/s 12(B) & 2(f) of UGC Act, 1956)

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Scheme of Examination & Syllabus

for

GEOGRAPHY

in

Under Graduate Programme

as per NEP 2020

**Curriculum and Credit Framework for Undergraduate Programmes
(Multiple Entry-Exit, Internships and Choice Based Credit System LOCF)**

With effect from the session 2026-27 (in phased manner)

Department of Geography

Indira Gandhi University

Meerpur-Rewari (122502)

Haryana, India

Details of Approvals

Council/Board	Date	Remark
Staff Council	05.08.2026	
Board of Studies		Circulation Mode
Faculty		
Academic Council		
Year of implementation- 2026-27		

**Chairperson****(Signature with Stamp)**

Dr. Vipin Kumar
Chairperson
Department of Geography
Indira Gandhi University
Meerpur-Rewari (Haryana)

VISION AND MISSION OF THE UNIVERSITY

VISION

To be a globally renowned university, recognized for excellence in teaching, innovative research, and welfare of the society, imbining the spirit of “*Vasudhaiv kutumbkam*”.

MISSION

- To introduce and implement innovation in teaching and learning process matching up the global standards to strengthen academic delivery through curriculum design, teaching pedagogy and usage of ICT.
- To develop a mechanism that attracts talented, qualified and experienced faculty from across the globe for pursuing their academic and research careers at the University.
- To offer academic programs at UG, PG, doctoral, Post-Doctoral levels which are learner-centric, industry focused, and adhere to outcome based international models.
- To create an ambiance that is conducive for undertaking sponsored research, innovation and consultancy services to a wide spectrum of societal and industrial requirements while encouraging interdisciplinary approach of learning, team work, and research.
- To establish state of art centres of excellence in frontier areas of research and design innovation through industry collaboration to innovate and incubate the products and services.
- To establish smart campus and promote e-governance activities in the university for the digitally empowered society and knowledge economy.
- To provide a hygienic, modern, environment friendly and vivacious campus attuned to the urgent needs of Green Technology.
- To consider and implement norms, metrics, standards, procedures and benchmarks for assessing and improving the quality in every aspect of University system and achieve quality certifications by National and International bodies.
- To make society self-reliant by organizing various programmes including literacy, gender sensitization, health awareness, and dissemination of information about livelihood generation.

VISION AND MISSION OF THE DEPARTMENT

OUR VISION

The Department of Geography enlightens students to develop their knowledge and skills to understand real world problems and contribute to global development in a meaningful way.

OUR MISSION

Our mission is to develop multidisciplinary thinking among future geographers and inspire them to provide sustainable solutions to physical and social problems.

ABOUT THE PROGRAMME

Programme Introduction

The **Undergraduate (UG) Programme in Geography** provide students with an in-depth understanding of the diverse branches of Physical Geography, Human Geography, and Geospatial Technology. The programme integrates rigorous academic coursework with research, fieldwork, and practical training to develop students' analytical, technical, and problem-solving skills. The curriculum has been designed in accordance with the provisions and objectives of the **National Education Policy (NEP) 2020**, ensuring a multidisciplinary, skill-oriented, and research-driven approach to geography education.

The curriculum offers a comprehensive and scientific study of the Earth's physical and human environments, covering areas such as geomorphology, climatology, ecology, natural resource management, disaster management, settlement and regional planning, cartography, remote sensing, Geographic Information Systems (GIS), and other geospatial technologies. Along with a strong foundation in core courses, the programme provides opportunities for students to pursue specialized areas of interest through elective courses, research projects, and field-based learning.

The programme is designed to equip students with the knowledge and practical competencies required for higher education, research, professional careers, and decision-making in geography and allied disciplines.

General Objectives of the Programme

Geography has emerged as an interdisciplinary discipline with applications across the physical, social, environmental, and technological domains. The programme aims to enable students to understand contemporary theoretical concepts and practical applications while developing an integrated perspective on the interactions between physical and human environments. It also prepares students to address contemporary environmental and societal challenges through scientific inquiry, technological applications, and sustainable planning.

Programme Aims

The programme aims to:

- Develop a comprehensive understanding of the concepts, principles, theories, and processes of Physical Geography, Human Geography, and Geospatial Technology.

- Enable students to identify, analyze, and interpret geographical features, patterns, processes, and spatial relationships at local, regional, national, and global scales.
- Develop the ability to investigate and solve real-world geographical problems through field surveys, spatial analysis, and geospatial technologies, including Remote Sensing and Geographic Information Systems (GIS).
- Equip students with the skills to collect, process, analyze, interpret, and present spatial and non-spatial data using appropriate quantitative, qualitative, and geospatial techniques.
- Provide practical exposure to modern geospatial tools, digital cartography, GPS, GIS, remote sensing, and spatial modelling for research and professional applications.
- Foster critical thinking and research aptitude for addressing contemporary issues related to environmental management, climate change, natural resource conservation, disaster risk reduction, urban and regional planning, and sustainable development.
- Promote interdisciplinary learning and encourage the integration of geographical knowledge with emerging technologies and societal needs.
- Prepare students for higher education, research, public service, industry, and professional careers in geography and allied disciplines while nurturing ethical values and a commitment to sustainable development.

PROGRAMME EDUCATIONAL OBJECTIVES (PEOs)

PEO 1	Core Competence & Practical Application Graduates will actively contribute to scientific, industrial, or educational sectors by applying their foundational knowledge, technical data management skills, and practical lab techniques to support ongoing projects and resolve standard operational challenges.
PEO 2	Continued Education & Professional Growth Graduates will continue to build upon their undergraduate foundation by successfully pursuing higher education (such as Master's or professional degree programs), specialized certifications, or continuous workplace training.
PEO 3	Teamwork & Technical Communication Graduates will function effectively as collaborative and dependable team members in diverse environments, assisting in the execution of technical projects and clearly communicating scientific results to peers and supervisors.
PEO 4	Professional Ethics & Social Awareness Graduates will uphold ethical standards and professional integrity in their daily tasks, maintaining an awareness of how their scientific practices and technical contributions impact the environment and local communities.

PROGRAMME LEARNING OUTCOMES (PLOs)

PLO 1	Knowledge	Capable of demonstrating comprehensive disciplinary knowledge gained during course of study.
PLO 2	Research Aptitude	Capability to ask relevant/appropriate questions for identifying, formulating and analysing the research problems and to draw conclusion from the analysis.
PLO 3	Communication	Communicate ideas, methods, and results effectively through oral, written, graphical, and digital formats.
PLO 4	Problem-Solving	Identify, analyse, and solve scientific problems using logical reasoning, quantitative methods, and appropriate scientific tools and techniques.
PLO 5	Individual and Team Work	Function effectively as an individual, team member, or leader in multidisciplinary and collaborative environments.
PLO 6	Investigation of Problems	Ability of critical thinking, analytical reasoning and research- based knowledge including design of experiments, analysis and interpretation of data to provide conclusions.
PLO 7	Modern Tool Usage	Ability to use and learn techniques, skills and modern tools for scientific practices.
PLO 8	Scientific temperament	Use and learn scientific instruments, techniques, skills, and modern tools relevant to physical sciences practice.
PLO 9	Life-Long Learning	Engage in self-directed learning and adapt to emerging knowledge, technologies, and professional demands throughout life.
PLO 10	Ethics	Capability to identify and apply ethical issues related to one's work, avoid unethical behaviour such as fabrication of data, committing plagiarism and unbiased truthful actions in all aspects of work.
PLO 11	Project Management	Ability to demonstrate knowledge and understanding of the scientific principles and apply the projects.

Indira Gandhi University, Meerpur, Rewari

Scheme of Examination for the _GEOGRAPHY_ Subject in Under Graduate Programmes

as per NEP 2020 Curriculum and Credit Framework for Undergraduate Programmes

(Multiple Entry-Exit, Internships and Choice Based Credit System LOCF) with effect from the session 2026-27 (in a phased manner)

Semester-1

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture P: Practical T: Tutorial				Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (Th)	Practical (P)	L	T	P	Total	Th	P	Th	P		Th	P
CC-1 MCC-1	Scheme A, B & C	26L4.5-GEO-101	Physical Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
MCC-2	Scheme C	26L4.5-GEO-102	Fundamentals of Resource Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
*CC-M1	Scheme A,B & D	26L4.5-GEO-103	General Geography of Haryana	2	2	0	2	-	-	2	15	-	35	-	50	2	-
CC-M1	Scheme C	From Available CC-1/MCC-1 of 4 credits as per NEP															
MDC 1	Scheme A, B & C	From Available pool of Multidisciplinary Courses from a subject of different discipline as per NEP.															
AEC-1	A, B & C	From Available pool of Ability Enhancement Courses as per NEP															
SEC-1	A, B & C	From Available pool of Skill Enhancement Courses as per NEP															
VAC-1	A, B & C	From Available pool of Value Added Courses as per NEP															

***For students who opt GEOGRAPHY as a minor subject**

Semester-2

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture P: Practical T: Tutorial				Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (Th)	Practical (P)	L	T	P	Total	Th	P	Th	P		Th	P
CC-2 MCC-3	Scheme A, B & C	26L4.5-GEO-201	Human Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
DSEC-1	Scheme C	26L4.5-GEO-202	Cartographic Techniques in Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
*CC-M2	Scheme A, B & D	26L4.5-GEO-203	General Geography of India	2	2	0	2	-	-	2	15	-	35	-	50	2	-
CC-M2	Scheme C	From Available CC-2/MCC-3 of 4 credits as per NEP															
MDC-2	A, B & C	From Available pool of Multidisciplinary Courses from a subject of different discipline as per NEP															
AEC-2	A, B & C	From Available pool of Ability Enhancement Courses as per NEP															
SEC-2	A, B & C	From Available pool of Skill Enhancement Courses as per NEP															
VAC-2	A, B & C	From Available pool of Value Added Courses as per NEP															
Internship	A, B & C	Internship of 4 Credits of 4-6 weeks duration after 2 nd Semester (Mandatory in case of exit)													100		

*For students who opt **GEOGRAPHY** as a minor subject

Semester-3

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture P: Practical T: Tutorial				Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (Th)	Practical (P)	L	T	P	Total	Th	P	Th	P		Th	P
CC-3 MCC-4	Scheme A, B & C	26L5.0-GEO-301	Geography of India	4	3	1	3	-	2	5	25	5	50	20	100	3	2
MCC-5	Scheme B & C	26L5.0-GEO-302	History and Philosophy of Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
MCC-2	Scheme B	26L5.0-GEO-303	Fundamentals of Resource Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
CC-M3	Scheme A & C	From Available CC-3/MCC-4 of 4 credits as per NEP															
CC-M3(V)	Scheme B	From Available pool of Minor (Vocational) Courses VOC-1															
MDC 3	Scheme A, B & C	From Available pool of Multidisciplinary Courses from a subject of different discipline as per NEP															
AEC-3	Scheme A, B & C	From Available pool of Ability Enhancement Courses as per NEP															
SEC-3	Scheme A, B & C	From Available pool of Skill Enhancement Courses as per NEP															
VAC-3	Scheme C only	From Available pool of Value Added Courses as per NEP															

Semester-4

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture P: Practical T: Tutorial				Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (Th)	Practical (P)	L	T	P	Total	Th	P	Th	P		Th	P
CC-4 MCC-6	Scheme A, B & C	26L5.0-GEO-401	Fundamentals of Economic Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
MCC-7	Scheme B & C	26L5.0-GEO- 402	Introduction to Social Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
MCC-8	Scheme B & C	26L5.0-GEO-403	Geography of Settlements	4	3	1	3	-	2	5	25	5	50	20	100	3	2
DSE-1	Scheme B & C	26L5.0-GEO-404	Fundamentals of Bio-Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
		OR															
		26L5.0-GEO-405	Geography of Tourism	4	3	1	3	-	2	5	25	5	50	20	100	3	2
CC-M4(V)	B	From Available pool of Minor (Vocational) Courses VOC-2															
	A& C	From Available pool of Minor (Vocational) Courses VOC-1															
AEC-4	A, B & C	From Available pool of Ability Enhancement Courses as per NEP															
VAC-3	A & B	From Available pool of Value Added Courses as per NEP															
VAC-4	C	From Available pool of Value Added Courses as per NEP															
Internship	A, B & C	Internship of 4 Credits of 4-6 weeks duration after 4th Semester (Mandatory in case of exit if not done after 2 nd Sem.)													100		

Semester-5

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture P: Practical T: Tutorial				Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (Th)	Practical (P)	L	T	P	Total	Th	P	Th	P		Th	P
CC-5 MCC-9	Scheme A, B & C	26L5.5-GEO-501	Statistical Methods in Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
MCC-10	Scheme B & C	26L5.5-GEO-502	Regional Development and Planning	4	3	1	3	-	2	5	25	5	50	20	100	3	2
DSE-2	Scheme B & C	26L5.5-GEO-503	Geography of Trade and Transport	4	3	1	3	-	2	5	25	5	50	20	100	3	2
		Or															
		26L5.5-GEO-504	Cultural Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
DSE-3	Scheme B & C	26L5.5-GEO-505	Geography of Disaster Management	4	3	1	3	-	2	5	25	5	50	20	100	3	2
		Or															
		26L5.5-GEO-506	Geography of Water Resources	4	3	1	3	-	2	5	25	5	50	20	100	3	2
CC-M5(V)	A & C	From Available pool of Minor (Vocational) Courses VOC-1															
Internship	A, B & C	Internship of 4 Credits of 4-6 weeks duration (After 4 th Semester)													100		

Semester-6

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture P: Practical T: Tutorial				Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (Th)	Practical (P)	L	T	P	Total	Th	P	Th	P		Th	P
CC-6 MCC-11	Scheme A, B & C	26L5.5-GEO-601	Fundamentals of Remote Sensing	4	3	1	3	-	2	5	25	5	50	20	100	3	2
MCC-12	Scheme B & C	26L5.5-GEO-602	Urban Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
DSE-4	Scheme B & C	26L5.5-GEO-603	Political Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
		Or															
		26L5.5-GEO-604	Agricultural Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
DSE-5	Scheme B & C	26L5.5-GEO-605	Elementary Soil Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
		Or															
		26L5.5-GEO-606	Introduction to Population Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
CC-M6	A	From Available CC-6/MCC-11 of 4 credits as per NEP															
CC-M5(V)	B	From Available pool of Minor (Vocational) Courses VOC-3															
CC-M6(V)	C																
CC-M7(V)	A																
SEC-4	C	From Available pool of Skill Enhancement Courses as per NEP															

Semester-7 (Honours/Honours with Research)

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture P: Practical T: Tutorial				Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (Th)	Practical (P)	L	T	P	Total	Th	P	Th	P		Th	P
CC-H1	Scheme B & C	26L6.0-GEO-701	Geography and Climates	4	4	0	4	-	-	4	30	-	70	-	100	3	-
CC-H2	Scheme B & C	26L6.0-GEO-702	Landforms: Origin, Structure and Processes	4	4	0	4	-	-	4	30	-	70	-	100	3	-
CC-H3	Scheme B & C	26L6.0-GEO-703	Geography and World Economies	4	4	0	4	-	-	4	30	-	70	-	100	3	-
DSE-6	Scheme B & C	26L6.0-GEO-704	Geography of Asia	4	4	0	4	-	-	4	30	-	70	-	100	3	-
		Or															
		26L6.0-GEO-705	Population Dynamics and Policies	4	4	0	4	-	-	4	30	-	70	-	100	3	-
PC-H1	Scheme B & C	26L6.0-GEO-706	Advanced Cartography	4	4	0	4	-	-	4	30	-	70	-	100	3	-
CC-HM1	B & C	From Available Core Courses in Minor Subject of 4 credits as per NEP															

Semester-8 (Honours)

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture P: Practical T: Tutorial				Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (Th)	Practical (P)	L	T	P	Total	Th	P	Th	P		Th	P
CC-H4	Scheme B & C	26L6.0-GEO-801	Geography and Hazard Management	4	4	0	4	-	-	4	30	-	70	-	100	3	-
CC-H5	Scheme B & C	26L6.0-GEO-802	Research Methodology in Geography	4	4	0	4	-	-	4	30	-	70	-	100	3	-
CC-H6	Scheme B & C	26L6.0-GEO-803	Geography of Agriculture and Food Security	4	4	0	4	-	-	4	30	-	70	-	100	3	-
DSE-7	Scheme B & C	26L6.0-GEO-804	Geography of Europe	4	4	0	4	-	-	4	30	-	70	-	100	3	-
		Or															
		26L6.0-GEO-805	Geography and Watershed Management	4	4	0	4	-	-	4	30	-	70	-	100	3	-
PC-H2	Scheme B & C	26L6.0-GEO-806	Morphometric Analysis of Landforms	4	0	4	-	-	8	8	-	30	-	70	100	-	3
CC-HM2	B & C	From Available Core Courses in Minor Subject of 4 credits as per NEP															

Semester-8 (Honours with Research)

Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture P: Practical T: Tutorial				Internal Assessment Marks		End term Examination Marks		Total Marks	Examination hours	
				Total	Theory (Th)	Practical (P)	L	T	P	Total	Th	P	Th	P		Th	P
CC-H4	Scheme B & C	26L6.0-GEO-801	Geography and Hazard Management	4	3	1	3	-	2	5	25	5	50	20	100	3	2
CC-H5	Scheme B & C	26L6.0-GEO-802	Research Methodology in Geography	4	3	1	3	-	2	5	25	5	50	20	100	3	2
Research	Scheme B & C	26L6.0-GEO-807	Project/Dissertation	12									300		300		
CC-HM2	B & C	From Available Core Courses in Minor Subject of 4 credits as per NEP															

Scheme of MDC, VAC, SEC, AEC and VOC courses
offered in the University Pool
by the
Department of Geography

Scheme of MDC, VAC, SEC and VOC courses

Semester	Course Type	Applicable Scheme	Course Code	Nomenclature of the Course	Credits			Contact hours L: Lecture T: Tutorial P: Practical				Internal Assessment Marks		End term Examination Marks		Total Marks	Exam. Hours	
					Total	Theory (T)	Practical (P)	L	T	P	Total	T	P	T	P		T	P
1	MDC-1	Scheme A, B, C & D	26L4.5-MDC-GEO-101	Physical Geography of India	3	2	1	2	-	2	4	15	5	35	20	75	3	3
2	MDC-2	Scheme A, B, C & D	26L4.5-MDC-GEO-201	Human Geography of India	3	2	1	2	-	2	4	15	5	35	20	75	3	3
3	MDC-3	Scheme A, B, C & D	26L5.0-MDC-GEO-301	Resource Geography of India	3	2	1	2	-	2	4	15	5	35		75	3	3
3	VAC-3	Scheme C only			2											50		
4	VAC-3	Scheme A, B & D			2											50		
4	VAC-4	Scheme C only	26L5.0-VAC-GEO-402	Disaster Management	2	2	-	2	-	-	2	15	-	35		50	2	
2	SEC-2	Scheme A, B, C & D			3											75		
3	SEC-3	Scheme A, B, C & D	26L5.0-SEC-GEO-301	Geographical Landscapes: Exploration beyond the classroom learning	3	2	1	2	-	2	4	15	5	35	20	75	3	3
6	SEC-4	Scheme C only			2											50		
7	AEC-1	Scheme A, B, C & D			2											50		

Part A – Introduction			
Name of the Programme	U. G.		
Semester	I		
Nature of Course/Course Composition	Theory & Practical		
Nomenclature of the Course	Physical Geography		
Course Code	26L4.5-GEO-101		
Course Type	CC-I/MCC-I		
Course Level	100-199		
Pre-requisite for the course (if any)	N. A.		
Course Learning Outcomes (CLOs) After completing this course, the learner will be able to:	CLO ₁	Acquire the knowledge about basic concepts of geo- tectonics.	
	CLO ₂	Understand about the processes and resulting landforms.	
	CLO ₃	Enrich knowledge about the basics of atmosphere and oceans.	
	CLO ₄	Attain skills to represent physical phenomena.	
	Theory	Practical	Total
Credits	3	1	4
Teaching hours per week	3	2	5
Internal Assessment Marks	25	05	30
End Term Exam Marks	50	20	70
Max. Marks	75	25	100
Examination Duration (in Hours)	3	2	
Part B- Contents of the Course			
<u>Instructions for Theory Paper-Setter</u>			
The paper setter shall prepare 7 questions selecting two questions from each of the three units with consideration given to the Course Learning Outcomes. Among these, question number 1 will be compulsory question comprising 4 short answer type questions carrying two marks each (total 08 marks) and covering the entire syllabus. The remaining questions will be carrying 14 marks each. Examinees will be required to attempt four questions: the compulsory question no. 1 and 1 question from the each of the three units.			
<u>Instructions for Practical Examiner</u>			
Write-up and execution of the practical will be conducted as per the nature of the practical by the external examiner, with consideration given to the Course Learning Outcomes.			
	Topics	CLO/s Attempt	Contact Hours
Unit-I	Interior of the earth, geological time scale, rocks and their types. Theory of isostasy, continental drift and plate tectonic; earthquakes and volcanoes.	CLO ₁	15
Unit-II	Degradational processes: weathering, mass wasting and resultant landforms. Geomorphic Process and resulting landforms: river, under-ground water, wind and glacier.	CLO ₂	15
Unit-III	Weather and climate: Atmosphere-composition and structure. Atmospheric temperature, pressure and moisture: measurement and distribution. Surface configuration of ocean floors: surface relief of the Pacific, Atlantic and Indian Ocean.	CLO ₃	15
Practical	Practical Record: A project file consisting of 8 exercises on the	CLO ₄	30

	below mentioned themes: - • Identification and collection of rock samples: granite, basalt, laterite, limestone, shale, sandstone, conglomerate, slate, phyllite, schist, gneiss, quartzite (1 exercise). • Extraction of physiographic information from Survey of India 1:50000 topographical maps of mountain, plateau and plain regions (2 exercises). • Measurement of weather elements using analogue instruments: temperature (maximum, minimum and mean) relative humidity, rainfall and preparation of Climograph, hythergraph and hyetograph (3 exercises). • Interpretation of a daily weather map of India: Pre-Monsoon, Monsoon and Post-Monsoon (2 exercises).				
Total Contact Hours					75
Evaluation Methods					
Internal Assessment:30	TH-25	PR-5	End Term Examination: 70	TH-50	PR-20
Class Participation:	5	0	Lab record	NA	05
Seminar/presentation/assignment/quiz/class test etc.:	5	NA	Viva-Voce	NA	05
Seminar/Demonstration/Viva-voce/Lab records etc.:	NA	5	Written Examination	50	NA
Mid-Term Exam:	15	NA	Write-up and execution of the practical	NA	10
Part C-Learning Resources					
Recommended Books/Journals/ e-resources/ Learning Management Systems (LMS):					
Instructions					
• Barry, R. G., & Chorley, R. J. (1998). Atmosphere, weather and climate. London, England: Routledge. • Bunnett, R. B. (1987). Physical geography in diagrams. New Delhi, India: Pearson Education. • Critchfield, H. (2002). General climatology. New Delhi, India: Prentice-Hall of India. • Kale, V., & Gupta, A. (2001). Elements of geomorphology. Calcutta, India: Oxford University Press. • Khullar, D. R. (2014). Physical geography. New Delhi, India: Kalyani Publishers. • Monkhouse, F. J. (1960). Principles of physical geography. London, England: Hodder and Stoughton. • Singh, S. (1998). Geomorphology. Allahabad, India: Prayag Publication. • Singh, S. (2012). Physical geography. Allahabad, India: Prayag Publication. • Thornbury, W. D. (1969). Principles of geomorphology. New York, NY: John Wiley & Sons. • Trewartha, G. T. (1981). An introduction to climate. New York, NY: McGraw-Hill. • सिंह, सविन्द्र. (2020). भौतिक भूगोल. प्रवालिका पब्लिकेशन। • तिवारी, आर. सी. (2016). भौतिक भूगोल. प्रयाग पुस्तक भवन.					

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs)

CLOs	PLO ₁	PLO ₂	PLO ₃	PLO ₄	PLO ₅	PLO ₆	PLO ₇	PLO ₈	PLO ₉	PLO ₁₀	PLO ₁₁
CLO ₁	3	2	1	2	-	2	1	3	1	-	-
CLO ₂	3	2	1	3	-	3	2	3	1	-	-
CLO ₃	3	2	2	2	-	2	2	3	1	-	-
CLO ₄	2	3	2	3	2	3	3	3	2	1	3

Content Mapping with NEP thrust areas

Field	Hours devoted
Employability	-
Entrepreneurship	-
Skill Enhancement	45
Communication Development	-
Indian Knowledge System	-
Environmental Awareness/SDGs	10
Current Issues and Social Awareness	5
Gender issues	-
Public policies	-
Any Other	-

Part A – Introduction			
Name of the Programme	U. G.		
Semester	I		
Nature of Course/Course Composition	Theory & Practical		
Nomenclature of the Course	Fundamentals of Resource Geography		
Course Code	26L4.5-GEO-102		
Course Type	MCC-2		
Course Level	100-199		
Pre-requisite for the course (if any)	N. A.		
Course Learning Outcomes (CLOs) After completing this course, the learner will be able to:	CLO ₁	Understand the basics of resource geography and resource.	
	CLO ₂	Study the significance of resources and its management.	
	CLO ₃	Aware about the resource development and management.	
	CLO ₄	Develop skills in mapping and analyzing natural resources.	
	Theory	Practical	Total
Credits	3	1	4
Teaching hours per week	3	2	5
Internal Assessment Marks	25	05	30
End Term Exam Marks	50	20	70
Max. Marks	75	25	100
Examination Duration (in Hours)	3	2	
Part B- Contents of the Course			
<u>Instructions for Theory Paper-Setter</u>			
The paper setter shall prepare 7 questions selecting two questions from each of the three units with consideration given to the Course Learning Outcomes. Among these, question number 1 will be compulsory question comprising 4 short answer type questions carrying two marks each (total 08 marks) and covering the entire syllabus. The remaining questions will be carrying 14 marks each. Examinees will be required to attempt four questions: the compulsory question no. 1 and 1 question from the each of the three units.			
<u>Instructions for Practical Examiner</u>			
Write-up and execution of the practical will be conducted as per the nature of the practical by the external examiner, with consideration given to the Course Learning Outcomes.			
	Topics	CLO/s Attempt	Contact Hours
Unit-I	Nature, scope, techniques and importance of resource geography. Concepts of resource: exploitation, accumulation, poverty and resource degradation. Classification of resources.	CLO ₁	15
Unit-II	Relationship between natural resources and development process. Role of technology in natural resource development. Distribution, utilization, problems and management of land, water, forest and mineral resources.	CLO ₂	15
Unit-III	Models of natural resources process: Zimmermann's primitive and Kirk's decision models. Resource development and management in Indian Knowledge System, Sustainable resource development; Policies and	CLO ₃	15

	challenges of natural resource management.				
Practical	Practical Record: A project file consisting of 8 exercises on the below mentioned themes: - • Preparation of land use/land cover map of an area from topographical sheets and aerial photographs (2 exercises). • Mapping of forest cover of an area from topographical sheets and aerial photographs (2 exercises). • Mapping of water bodies of an area from topographical sheets and aerial photographs (2 exercises). • Decadal changes in country-wise production of coal and iron ore with comparative decadal changes (2 exercises).	CLO ₄	30		
Total Contact Hours			75		
Evaluation Methods					
Internal Assessment:30	TH-25	PR-5	End Term Examination: 70	TH-50	PR-20
Class Participation:	5	0	Lab record	NA	05
Seminar/presentation/assignment/quiz/class test etc.:	5	NA	Viva-Voce	NA	05
Seminar/Demonstration/Viva-voce/Lab records etc.:	NA	5	Written Examination	50	NA
Mid-Term Exam:	15	NA	Write-up and execution of the practical	NA	10
Part C-Learning Resources					
Recommended Books/Journals/ e-resources/ Learning Management Systems (LMS):					
Instructions					
• Bhatta, B. (2011). Remote sensing and GIS. Oxford University Press. • Chiras, D. D., & Reganold, J. P. (2009). Natural resource conservation: Management for a sustainable future. Pearson Education. • Gadgil, M., & Guha, R. (2005). The use and abuse of nature: Incorporating This Fissured Land: An ecological history of India and Ecology and Equity. Oxford University Press. • Gautam, A. (2013). Geography of resources: Exploitation, conservation and management. Sharda Pustak Bhawan. • Guha, J. L., & Chattoraj, P. R. (1994). Economic geography: A study of resources. The World Press. • Holechek, J. L., Fisher, R. A., & Valdez, R. (2003). Natural resources: Ecology, economics and policy. Prentice Hall. • Lillesand, T. M., Kiefer, R. W., & Chipman, J. W. (2015). Remote sensing and image interpretation (7th ed.). John Wiley & Sons. • Martino, R. L. (1969). Resource management. McGraw-Hill. • Negi, B. S. (2000). Geography of resources. Kedar Nath Ram Nath Publications. • Owen, S., & Owen, P. L. (1991). Environment, resources and conservation. Cambridge University Press. • Rees, J. (1990). Natural resources: Allocation, economics and policy. Routledge. • Roy, P. K. (2006). Resource studies. New Central Book Agency. • Shetty, R. (2009). An analysis of world resources with reference to India. Sarala Raj Ria Publishers. • गौतम, अ., एवं रस्तोगी, स. (2023). संसाधन भूगोल. शारदा पुस्तक भवन. • शर्मा, एच. एस. (2019). संसाधन भूगोल. ए.वी.एम. पब्लिकेशन.					

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs)

CLOs	PLO ₁	PLO ₂	PLO ₃	PLO ₄	PLO ₅	PLO ₆	PLO ₇	PLO ₈	PLO ₉	PLO ₁₀	PLO ₁₁
CLO ₁	3	2	1	2	-	2	2	3	1	-	-
CLO ₂	3	2	1	3	-	3	2	3	2	1	2
CLO ₃	3	3	2	3	1	3	2	3	2	2	2
CLO ₄	2	3	2	3	2	3	3	3	2	1	3

Content Mapping with NEP thrust areas

Field	Hours devoted
Employability	-
Entrepreneurship	-
Skill Enhancement	30
Communication Development	-
Indian Knowledge System	4
Environmental Awareness/SDGs	15
Current Issues and Social Awareness	10
Gender issues	-
Public policies	5
Any Other	-

Part A - Introduction			
Name of Programme	U.G.		
Semester	I		
Nature of Course/Course Composition	Theory (Lecture + Tutorial)		
Nomenclature of the Course	General Geography of Haryana		
Course Code	26L4.5-GEO-103		
Course Type	CC-M1		
Course Level	100-199		
Pre-requisite for the course (if any)	N. A.		
Course Learning Outcomes (CLOs) After completing this course, the learner will be able to:	CLO ₁	Understand the physical geography of Haryana, including physiography, climate, drainage, soil, and natural vegetation.	
	CLO ₂	Analyze the agricultural, industrial, trade, transport, and cultural characteristics of Haryana.	
	Theory	Practical	Total
Credits	2	0	2
Teaching Hours per week	2	0	2
Internal Assessment Marks	15	0	15
End Term Exam Marks	35	0	35
Max. Marks	50	0	50
Examination Duration (in Hours)	02	0	
Part B- Contents of the Course			
<u>Instructions for Paper- Setter:</u>			
The paper setter shall prepare 5 questions selecting two questions from each of the two units with consideration given to the Course Learning Outcomes. Among these, question number 1 will be compulsory question comprising 07 short answer type questions carrying one mark each (total 07 marks) and covering the entire syllabus. The remaining questions will be carrying 14 marks each. Examinees will be required to attempt three questions: the compulsory question no. 1 and 1 question from the each of the two units.			
Unit	Topics		Contact Hours
I	Physical Properties of Haryana- physiography, relief, climate, drainage, soil and natural vegetation Population; distribution, density, growth, sex ratio and literacy.		15
II	Agriculture: cropping pattern and challenges, Major industries and industrial centres of Haryana. Pattern of trade and transport in Haryana. Cultural regions of Haryana.		15
Total Contact hours			30
Evaluation Methods			
Internal Assessment: 15 Marks		End Term Examination: 35 Marks	
• Class Participation:	5	Written Examination: 35	
• Seminar/presentation/assignment/quiz/ class test etc.:	5		
• Mid-Term Exam:	5		
Part C-Learning Resources			
Recommended Books/Journals/ e-resources/ Learning Management Systems (LMS):			
Instructions			

- Census of India. (1981). Regional division in Haryana. Office of the Registrar General and Census Commissioner, India.
- Census of India. (2001). Administrative atlas of Haryana. Office of the Registrar General and Census Commissioner, India.
- Deshpande, C. D. (1992). India: A regional interpretation. ICSSR & Northern Book Centre.
- Federation of Indian Chambers of Commerce and Industry. (2007). State of infrastructure in Haryana. Federation of Indian Chambers of Commerce and Industry.
- Sharma M & Kumar S. (2026), Geography of Haryana, Rajesh Publication, New Delhi
- Singh, J. (1976). Agricultural geography of Haryana. Vishal Publishers.
- Singh, R. L. (1971). India: A regional geography. National Geographical Society.
- कुमार, मुकेश (2025). हरियाणा का भूगोल. कल्याणी पब्लिकेशन्स।

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs)

CLOs	PLO ₁	PLO ₂	PLO ₃	PLO ₄	PLO ₅	PLO ₆	PLO ₇	PLO ₈	PLO ₉	PLO ₁₀	PLO ₁₁
CLO ₁	3	2	1	2	-	2	1	3	1	-	-
CLO ₂	3	2	2	3	1	3	2	2	2	1	2

Content Mapping with NEP thrust areas

Field	Hours devoted
Employability	-
Entrepreneurship	-
Skill Enhancement	5
Communication Development	-
Indian Knowledge System	5
Environmental Awareness/SDGs	5
Current Issues and Social Awareness	5
Gender issues	2
Public policies	2
Any Other	-

Part A – Introduction			
Name of the Programme	U. G.		
Semester	I		
Nature of Course/Course Composition	Theory + Practical		
Nomenclature of the Course	Physical Geography of India		
Course Code	26L4.5-MDC-GEO-101		
Course Type	MDC-1		
Course Level	100-199		
Pre-requisite for the course (if any)	N. A.		
Course Learning Outcomes (CLOs) After completing this course, the learner will be able to:	CLO ₁	understand the physiographic structure and drainage of India.	
	CLO ₂	acquire knowledge about the climate, vegetation and soil of India.	
	CLO ₃	attain skills in solving various practical problem associated with physical aspects of India.	
	Theory	Practical	Total
Credits	2	1	3
Teaching hours per week	2	2	4
Internal Assessment Marks	15	05	20
End Term Exam Marks	35	20	55
Max. Marks	50	25	75
Examination Duration (in Hours)	02	03	
Part B- Contents of the Course			
<u>Instructions for Theory Paper-Setter</u>			
The paper setter shall prepare 5 questions selecting two questions from each of the two units with consideration given to the Course Learning Outcomes. Among these, question number 1 will be compulsory question comprising 7 short answer type questions carrying one mark each (total 07 marks) and covering the entire syllabus. The remaining questions will be carrying 14 marks each. Examinees will be required to attempt three questions: the compulsory question no. 1 and 1 question from the each of the two units.			
<u>Instructions for Practical Examiner</u>			
Write-up and execution of the practical will be conducted as per the nature of the practical by the external examiner, with consideration given to the Course Learning Outcomes.			
Unit	Topics	CLO/s Attempt	Contact Hours
Unit-I	Geological history and regions of India, Physiographic structure and divisions. Drainage system and Hydrological regimes of Indian rivers.	CLO ₁	15
Unit-II	Climate: temperature, pressure and Monsoon: circulation, mechanism and theories. Natural vegetation and Soil: classification, distribution and inter- relationships	CLO ₂	15
Practical Components	Practical Record: A project file consisting of 8 exercises on the below mentioned themes: - Hydrological regimes of peninsular and Himalayan rivers (2 exercises).	CLO ₃	30

	- Annual trend of temperature for more than three decades (maximum, minimum and mean) (2 exercises). - Comparative analysis of seasonal variability of rainfall from different climatic reasons of India (2 exercises). - Preparation of an inventory of flora and fauna in India (1 exercise). - Preparation of an inventory of major geological disasters in past one decade in India (1 exercise).				
Total Contact Hours			60		
Evaluation Methods					
Internal Assessment:20	TH-15	PR-5	End Term Examination: 55	TH-35	PR-20
Class Participation:	5	0	Lab record	NA	05
Seminar/presentation/assignment /quiz/class test etc.:	5	NA	Viva-Voce	NA	05
Seminar/Demonstration/Viva-voce/Lab records etc.:	NA	5	Written Examination	35	NA
Mid-Term Exam:	5	NA	Write-up and execution of the practical	NA	10
Part C-Learning Resources					
Recommended Books/Journals/ e-resources/ Learning Management Systems (LMS):					
Instructions					
- Deshpande, C. D. (1992). India: A regional interpretation. Northern Book Depot. - Hussain, M. (2015). Geography of India. McGraw Hill Education. - Shafi, M. (2000). Geography of South Asia. Macmillan. - Singh, G. (2006). Geography of India. Atma Ram & Sons. - Singh, R. L. (1971). India: A regional geography. National Geographical Society of India. - सिंह, सविन्द्र. (2022). भौतिक भूगोल. प्रवालिका पब्लिकेशन। - तिवारी, आर. सी. (2023). भारत का भूगोल. प्रवालिका पब्लिकेशन।					

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs)

CLOs	PLO ₁	PLO ₂	PLO ₃	PLO ₄	PLO ₅	PLO ₆	PLO ₇	PLO ₈	PLO ₉	PLO ₁₀	PLO ₁₁
CLO ₁	3	2	1	2	-	2	1	3	1	-	-
CLO ₂	3	2	1	3	-	3	2	3	2	1	-
CLO ₃	2	3	2	3	2	3	3	3	2	1	3

Content Mapping with NEP thrust areas

Field	Hours devoted
Employability	-
Entrepreneurship	-
Skill Enhancement	40
Communication Development	-
Indian Knowledge System	8
Environmental Awareness/SDGs	5
Current Issues and Social Awareness	5
Gender issues	-
Public policies	5
Any Other	-

Part A – Introduction			
Name of the Programme	U. G.		
Semester	II		
Nature of Course/Course Composition	Theory & Practical		
Nomenclature of the Course	Human Geography		
Course Code	26L4.5-GEO-201		
Course Type	CC-2/MCC-3		
Course Level	100-199		
Pre-requisite for the course (if any)	N. A.		
Course Learning Outcomes (CLOs) After completing this course, the learner will be able to:	CLO ₁	Gain knowledge about the fundamentals of human geography.	
	CLO ₂	Enhance the knowledge of race and religion.	
	CLO ₃	Understand the basics of human population and organization of space.	
	CLO ₄	Develop skill of mapping of socio – economic and demographic data.	
	Theory	Practical	Total
Credits	3	1	4
Teaching hours per week	3	2	5
Internal Assessment Marks	25	05	30
End Term Exam Marks	50	20	70
Max. Marks	75	25	100
Examination Duration (in Hours)	3	2	
Part B- Contents of the Course			
<u>Instructions for Theory Paper-Setter</u>			
The paper setter shall prepare 7 questions selecting two questions from each of the three units with consideration given to the Course Learning Outcomes. Among these, question number 1 will be compulsory question comprising 4 short answer type questions carrying two marks each (total 08 marks) and covering the entire syllabus. The remaining questions will be carrying 14 marks each. Examinees will be required to attempt four questions: the compulsory question no. 1 and 1 question from the each of the three units.			
<u>Instructions for Practical Examiner</u>			
Write-up and execution of the practical will be conducted as per the nature of the practical by the external examiner, with consideration given to the Course Learning Outcomes.			
Unit	Topics	CLO/s Attempt	Contact Hours
Unit-I	Nature and scope of human geography. Development of human geography approaches to study human geography, branches and relation with other social sciences.	CLO ₁	15
Unit-II	Human race: Meaning, classification of races and their global diffusion and distribution. Religion: Meaning, nature and classification. Evolution and global distribution of major religions in the world.	CLO ₂	15
Unit-III	Population- Distribution, density, growth and determinants. Migration; streams and determinants Organization of space: central place theory, agricultural location model and industrial location model, World pattern of	CLO ₃	15

	development: economy and polity				
Practical	Practical Record: A project file consisting of 8 exercises on the below mentioned themes: - • Composition of major religions of the world (1 exercise). • Methods of representing population distribution and density (2excercises). • Flow diagram of migration streams of world population (1excercise). • Plotting of isotims and isodapane (2 exercises). • Spatial and temporal growth of world population (2 exercises).	CLO ₄	30		
Total Contact Hours			75		
Evaluation Methods					
Internal Assessment:30	TH-25	PR-5	End Term Examination: 70	TH-50	PR-20
Class Participation:	5	0	Lab record	NA	05
Seminar/presentation/assignment/quiz/class test etc.:	5	NA	Viva-Voce	NA	05
Seminar/Demonstration/Viva-voce/Lab records etc.:	NA	5	Written Examination	50	NA
Mid-Term Exam:	15	NA	Write-up and execution of the practical	NA	10
Part C-Learning Resources					
Recommended Books/Journals/ e-resources/ Learning Management Systems (LMS):					
Instructions					
• Agarwal, A., et al. (1999). The citizen's fifth report. Centre for Science and Environment. • Alexander, J. W. (1988). Economic geography. Prentice-Hall of India. • Bergwan, E. E. (1985). Human geography: Culture, connections and landscape. Prentice Hall. • Chandna, R. C. (2016). A geography of population: Concepts, determinants and patterns. Kalyani Publishers. • De Blij, H. J. (1996). Human geography: Culture, society, and space. John Wiley & Sons. • Fellmann, J. D. (1997). Human geography: Landscapes of human activities. Wm. C. Brown Publishers. • Hassan, I. (n.d.). Population geography: A systematic exposition. Routledge. • Hussain, M. (2018). Human geography. Rawat Publications. • McBride, P. J. (1996). Human geography: Systems, patterns and change. Nelson. • Qazi, S. A. (2010). Population geography. APH Publishing Corporation. • Ramachandran, R. (1992). Urbanization and urban systems in India. Oxford University Press. • Sharma, Y. K. (2017). Human geography. Narain Publishers. • Singh, N. (2015). A textbook of human geography. Rajesh Publications. • मौर्य, एस. डी. (2022). मानव भूगोल. शारदा पुस्तक भवन, प्रयागराज। • हुसैन, माजिद (2021). मानव भूगोल. रावत पब्लिकेशन्स।					

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs)

CLOs	PLO ₁	PLO ₂	PLO ₃	PLO ₄	PLO ₅	PLO ₆	PLO ₇	PLO ₈	PLO ₉	PLO ₁₀	PLO ₁₁
CLO ₁	3	2	1	2	-	2	1	3	1	-	-
CLO ₂	3	2	2	3	1	3	1	3	2	1	-
CLO ₃	3	3	2	3	1	3	2	3	2	1	2
CLO ₄	2	3	3	3	2	3	3	3	2	1	3

Content Mapping with NEP thrust areas

Field	Hours devoted
Employability	-
Entrepreneurship	-
Skill Enhancement	35
Communication Development	-
Indian Knowledge System	-
Environmental Awareness/SDGs	5
Current Issues and Social Awareness	10
Gender issues	-
Public policies	5
Any Other	-

Part A – Introduction			
Name of the Programme	U. G.		
Semester	II		
Nature of Course/Course Composition	Theory & Practical		
Nomenclature of the Course	Cartographic Techniques in Geography		
Course Code	26L4.5-GEO-202		
Course Type	DSEC-1		
Course Level	100-199		
Pre-requisite for the course (if any)	N. A.		
Course Learning Outcomes (CLOs) After completing this course, the learner will be able to:	CLO ₁	Understand the basics of cartography and related instruments.	
	CLO ₂	Aware about maps and representation of data.	
	CLO ₃	Apprehend the knowledge about surveying and survey tools.	
	CLO ₄	Acquire skills to make use of scales and making thematic maps and diagrams	
	Theory	Practical	Total
Credits	3	1	4
Teaching hours per week	3	2	5
Internal Assessment Marks	25	05	30
End Term Exam Marks	50	20	70
Max. Marks	75	25	100
Examination Duration (in Hours)	3	2	
Part B- Contents of the Course			
<u>Instructions for Theory Paper-Setter</u>			
The paper setter shall prepare 7 questions selecting two questions from each of the three units with consideration given to the Course Learning Outcomes. Among these, question number 1 will be compulsory question comprising 4 short answer type questions carrying two marks each (total 08 marks) and covering the entire syllabus. The remaining questions will be carrying 14 marks each. Examinees will be required to attempt four questions: the compulsory question no. 1 and 1 question from the each of the three units.			
<u>Instructions for Practical Examiner</u>			
Write-up and execution of the practical will be conducted as per the nature of the practical by the external examiner, with consideration given to the Course Learning Outcomes.			
Unit	Topics	CLO/s Attempt	Contact Hours
Unit-I	Nature and scope of cartography, historical and recent development. Properties and characteristics of drawing instruments, and drawing techniques.	CLO ₁	15
Unit-II	Maps: fundamental aspects, classification, characteristics, significance and limitations. Methods and representation of climatic data and socio-economic data.	CLO ₂	15
Unit-III	Basic concepts of surveying and survey equipment's, coordinate system and map: magnetic and true north, polar and rectangular. Techniques of map enlargement and reduction; map producing agencies in India (GSI, SOI, FSI, NATMO, NBBSLUP, NRSC,	CLO ₃	15

	AISSLUP and IMD).				
Practical	Practical Record: A project file consisting of 8 exercises on the below mentioned themes: - - Graphical representation of scales (2 exercises) - Construction of thematic maps (3 exercises) - Representation of data by one, two and three-dimensional diagrams (3 exercises)	CLO ₄	30		
Total Contact Hours			75		
Evaluation Methods					
Internal Assessment:30	TH-25	PR-5	End Term Examination: 70	TH-50	PR-20
Class Participation:	5	0	Lab record	NA	05
Seminar/presentation/assignment/quiz/class test etc.:	5	NA	Viva-Voce	NA	05
Seminar/Demonstration/Viva-voce/Lab records etc.:	NA	5	Written Examination	50	NA
Mid-Term Exam:	15	NA	Write-up and execution of the practical	NA	10
Part C-Learning Resources					
Recommended Books/Journals/ e-resources/ Learning Management Systems (LMS):					
Instructions					
- Dent, B. D. (1999). <i>Cartography: Thematic map design</i> (Vol. 1). McGraw-Hill. - Gupta, K. K., & Tyagi, V. C. (1992). <i>Working with maps</i>. Survey of India, Department of Science and Technology. - Monkhouse, F. J., & Wilkinson, H. R. (1971). <i>Maps and diagrams</i>. Methuen & Co. - Ramamurthy, K. (1982). <i>Map interpretation</i>. Rex Printers. - Robinson, A. H. (1953). <i>Elements of cartography</i>. John Wiley & Sons. - Siddhartha, K. (2006). <i>Geography through maps</i>. Kisalaya Publications Pvt. Ltd. - Singh, G. (2005). <i>Map work and practical geography</i>. Vikas Publishing House Pvt. Ltd. - Singh, L. R., & Singh, R. (1973). <i>Map work and practical geography</i>. Central Book Depot. - Singh, R. L. (2005). <i>Elements of practical geography</i>. Kalyani Publishers. - शर्मा, पी. के., एवं मिश्रा, आर. एन. (2025). <i>प्रयोगात्मक भूगोल</i>. रावत पब्लिकेशन्स।					

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs)

CLOs	PLO ₁	PLO ₂	PLO ₃	PLO ₄	PLO ₅	PLO ₆	PLO ₇	PLO ₈	PLO ₉	PLO ₁₀	PLO ₁₁
CLO ₁	3	2	1	2	-	2	3	3	1	-	-
CLO ₂	3	2	2	3	-	3	3	3	1	-	-
CLO ₃	3	3	1	3	1	3	3	3	2	-	2
CLO ₄	2	3	3	3	2	3	3	3	2	1	3

Content Mapping with NEP thrust areas

Field	Hours devoted
Employability	-
Entrepreneurship	-
Skill Enhancement	35
Communication Development	-
Indian Knowledge System	-
Environmental Awareness/SDGs	5
Current Issues and Social Awareness	-
Gender issues	-
Public policies	-
Any Other	-

Part A - Introduction			
Name of Programme	U. G.		
Semester	II		
Nature of Course/Course Composition	Theory (Lecture + Tutorial)		
Nomenclature of the Course	General Geography of India		
Course Code	26L4.5-GEO-203		
Course Type	CC-M2		
Course Level	100-199		
Pre-requisite for the course (if any)	N. A.		
Course Learning Outcomes (CLOs) After completing this course, the learner will be able to:	CLO ₁	Understand the physiography and physical properties of India.	
	CLO ₂	Enrich knowledge about peopling of the nation.	
	Theory	Practical	Total
Credits	2	0	2
Teaching Hours per week	2	0	2
Internal Assessment Marks	15	0	15
End Term Exam Marks	35	0	35
Max. Marks	50	0	50
Examination Duration (in Hours)	02	0	
Part B- Contents of the Course			
Instructions for Paper- Setter: The paper setter shall prepare 5 questions selecting two questions from each of the two units with consideration given to the Course Learning Outcomes. Among these, question number 1 will be compulsory question comprising 07 short answer type questions carrying one mark each (total 07 marks) and covering the entire syllabus. The remaining questions will be carrying 14 marks each. Examinees will be required to attempt three questions: the compulsory question no. 1 and 1 question from the each of the two units.			
Unit	Topics	CLO Attempt	Contact Hours
I	India: geographical extension and physiographic divisions. Unity in diversity in India Drainage, Climate, Soil and natural vegetation	CLO ₁	15
II	Population distribution, density and growth. Population composition: ethnic and socio-cultural attributes (castes and tribes).	CLO ₂	15
Total Contact hours			30
Evaluation Methods			
Internal Assessment: 15 Marks		End Term Examination: 35 Marks	
• Class Participation:	5	Written Examination: 35	
• Seminar/presentation/assignment/quiz/ class test etc.:	5		
• Mid-Term Exam:	5		
Part C-Learning Resources			
Recommended Books/Journals/ e-resources/ Learning Management Systems (LMS): • Bose, A. (Ed.), et al. (2001). Population in India's development, 1947–2000. Vikas Publishing House. • Deshpande, C. D. (1992). India: A regional interpretation. Indian Council of Social Science Research (ICSSR). • Johnson, B. L. C. (Ed.). (2001). Geographical dictionary of India. Vision Books.			

- Mandal, R. B. (Ed.). (1990). Patterns of regional geography: An international perspective (Vol. 3, Indian perspective). Concept Publishing Company.
- Sdyasuk, G., & Sengupta, P. (1967). Economic regionalisation of India. Census of India.
- Sharma, T. C. (2003). India: Economic and commercial geography. Vikas Publishing House.
- Singh, R. L. (1971). India: A regional geography. National Geographical Society of India.
- Singh, J. (2003). India: A comprehensive and systematic geography. Gyanodaya Prakashan.
- Spate, O. H. K., & Learmonth, A. T. A. (1967). India and Pakistan: A general and regional geography. Methuen.
- Pathak, C. R. (2003). Spatial structure and processes of development in India. Regional Science Association.
- Tirtha, R. (2002). Geography of India. Rawat Publications.
- हुसैन, माजिद (2025). भारत का भूगोल. मैकग्रा हिल एजुकेशन।
- तिवारी, आर. सी. (2023). भारत का भूगोल. प्रवालिका पब्लिकेशन।

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs)

CLOs	PLO ₁	PLO ₂	PLO ₃	PLO ₄	PLO ₅	PLO ₆	PLO ₇	PLO ₈	PLO ₉	PLO ₁₀	PLO ₁₁
CLO ₁	3	2	1	2	-	2	1	3	1	-	-
CLO ₂	3	2	2	3	1	3	1	3	2	1	-

Content Mapping with NEP thrust areas

Field	Hours devoted
Employability	-
Entrepreneurship	-
Skill Enhancement	-
Communication Development	-
Indian Knowledge System	1
Environmental Awareness/SDGs	12
Current Issues and Social Awareness	10
Gender issues	2
Public policies	-
Any Other	-

Part A – Introduction			
Name of the Programme	U. G.		
Semester	II		
Nature of Course/Course Composition	Theory + Practical		
Nomenclature of the Course	Human Geography of India		
Course Code	26L4.5-MDC-GEO-201		
Course Type	MDC-2		
Course Level	100-199		
Pre-requisite for the course (if any)	N. A.		
Course Learning Outcomes (CLOs) After completing this course, the learner will be able to:	CLO ₁	Study about population characteristics and occupational structure of India.	
	CLO ₂	Aware about major religions and distribution of tribes in India	
	CLO ₃	Develop the skill the mapping of racial and cultural characteristics of Indian population	
	Theory	Practical	Total
Credits	2	1	3
Teaching hours per week	2	2	4
Internal Assessment Marks	15	05	20
End Term Exam Marks	35	20	55
Max. Marks	50	25	75
Examination Duration (in Hours)	02	03	
Part B- Contents of the Course			
<u>Instructions for Theory Paper-Setter</u>			
The paper setter shall prepare 5 questions selecting two questions from each of the two units with consideration given to the Course Learning Outcomes. Among these, question number 1 will be compulsory question comprising 7 short answer type questions carrying one mark each (total 07 marks) and covering the entire syllabus. The remaining questions will be carrying 14 marks each. Examinees will be required to attempt three questions: the compulsory question no. 1 and 1 question from the each of the two units.			
<u>Instructions for Practical Examiner</u>			
Write-up and execution of the practical will be conducted as per the nature of the practical by the external examiner, with consideration given to the Course Learning Outcomes.			
Unit	Topics	CLO/s Attempt	Contact Hours
Unit-I	Population distribution, growth, density, sex ratio and literacy. Occupation Structure and Urbanization (pattern and Growth)	CLO ₁	15
Unit-II	Major religions and distribution, Distribution of scheduled tribe population in India Linguistic and cultural diversity, Unity and diversity in India.	CLO ₂	15
Practical Components	Instructions for external practical examiner: There will be three questions in all and candidate has to attempt two exercises. Age and sex pyramid of Indian population (1 exercise).	CLO ₃	30

	State wise distribution and composition of working population in India (1 exercises). Map the scheduled tribe population distribution in India (1 exercises). Concentration of urban population by location quotient (1 exercise). Distribution of scheduled caste population (1 exercises). Composition of the major religions in India (1 exercises). Distribution of literacy –rural - urban and male-female (2 exercises).		
Total Contact Hours			60
Evaluation Methods			
Internal Assessment:20	TH-15	PR-5	End Term Examination: 55
			TH-35 PR-20
Class Participation:	5	0	Lab record
Seminar/presentation/assignment /quiz/class test etc.:	5	NA	Viva-Voce
Seminar/Demonstration/Viva-voce/Lab records etc.:	NA	5	Written Examination
Mid-Term Exam:	5	NA	Write-up and execution of the practical
Part C-Learning Resources			
Recommended Books/Journals/ e-resources/ Learning Management Systems (LMS): • Agarwal, A., et al. (1999). <i>The citizen's fifth report</i>. Centre for Science and Environment. • Alexander, J. W. (1988). <i>Economic geography</i>. Prentice Hall of India. • Bergwan, E. E. (1985). <i>Human geography: Culture, connections, and landscape</i>. Prentice-Hall. • Carr, M. (1987). <i>Patterns, process and change in human geography</i>. Macmillan Education. • Carter, H. (1972). <i>The study of urban geography</i>. Edward Arnold. • Chandna, R. C. (2016). <i>A geography of population: Concepts, determinants and patterns</i>. Kalyani Publishers. • Hassan, I. (n.d.). <i>Population geography: A systematic exposition</i>. Routledge. • Hussain, M. (n.d.). <i>Geography of India</i>. • Hussain, M. (2018). <i>Human geography</i>. Rawat Publications. • Khullar, D. R. (n.d.). <i>India: A comprehensive geography</i>. Kalyani Publishers. • McBride, P. J. (1996). <i>Human geography: Systems, patterns and change</i>. Nelson. • Michael, C. (1996). <i>New patterns: Process and change in human geography</i>. Nelson. • Qazi, S. A. (2010). <i>Population geography</i>. APH Publishing Corporation. • Ramachandra, R. (1992). <i>Urbanization and urban system in India</i>. Oxford University Press. • Sharma, Y. K. (2017). <i>Human geography</i>. Narain Publishers. • Singh, N. (2015). <i>A textbook of human geography</i>. Rajesh Publications. • हुसैन, माजिद. (2025). <i>भारत का भूगोल</i>. मैकग्रा हिल एजुकेशन। • मौर्य, एस. डी. (2022). <i>मानव भूगोल</i>. शारदा पुस्तक भवन, प्रयागराज।			

Mapping of Course Learning Outcomes (CLOs) to Program Learning Outcomes (PLOs)

CLOs	PLO ₁	PLO ₂	PLO ₃	PLO ₄	PLO ₅	PLO ₆	PLO ₇	PLO ₈	PLO ₉	PLO ₁₀	PLO ₁₁
CLO ₁	3	2	1	3	-	3	1	3	2	1	-
CLO ₂	3	2	2	3	1	3	1	3	2	1	-
CLO ₃	2	3	3	3	2	3	3	3	2	1	3

Content Mapping with NEP thrust areas

Field	Hours devoted
Employability	-
Entrepreneurship	-
Skill Enhancement	35
Communication Development	-
Indian Knowledge System	-
Environmental Awareness/SDGs	3
Current Issues and Social Awareness	5
Gender issues	2
Public policies	-
Any Other	-