



Eklavya University

Department of Geography

M.A. Previous

Syllabus

2020-2021

(से लागू)

DEPARTMENT OF GEOGRAPHY

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EKLAHYA UNIVERSITY, DAMOH (M.P.)
Scheme of Examination M.A. Geography Previous

/For batch admitted in Academic Session 2020-21/

Subject wise distribution of marks and corresponding credits

S.No.	Subject Code	Subject Name	Maximum Marks Allotted						Total Marks	Contact Periods Per week			Total Credits
			Theory Slot			Practical Slot				L	T	P	
			Final Yearly	Half Yearly	Quiz/ Assignment/ Attendance	End Sem	Lab Work/ sessional						
1	MGEOG20Y101	Geomorphology, Paper-I	60	30	5	5	-	-	6	0	0	6	6
2	MGEOG20Y102	Climatology & Oceanography, Paper-II	60	30	5	5	-	-	6	0	0	6	6
3	MGEOG20Y103	Geographical Thought, Paper-III	60	30	5	5	-	-	6	0	0	6	6
4	MGEOG20Y104	Advanced Geography of India (Elective), Paper-IV	60	30	5	5	-	-	6	0	0	6	6
5	MGEOG20Y105	Population Geography (Elective), Paper-IV	-	-	-	-	-	-	-	-	-	-	-
6	MGEOG20Y106	Research Methodology / Project Work/Practical, Paper-V	-	-	-	-	60	40	100	4	0	6	10
7	MGEOG20Y107	Subjective Presentation & Comprehensive Viva, Paper-VI	-	-	-	-	60	40	100	0	-	6	6
Total			240	120	20	20	120	80	600	28	0	12	40

Induction programme of three weeks (MC): Physical activity, Creative Arts, Universal Human Values, Literary, Proficiency Modules, Lectures by Eminent People, Visits to local Areas, Familiarization to Dept./Branch & Innovations.

Course Code	Climatology and Oceanography	L	T	P	C
MGEOG20Y102	जलवायु तथा समुद्र विज्ञान	6	0	0	6
Pre-Requisites	Nil	Syllabus Version			
		100 Marks			
Course Objective					
<p>1. The broad objective of the course is to introduce to the students the fundamentals of atmospheric phenomena, global climate systems and climate change.</p> <p>2. The atmosphere and climate are a critical part of the earth system, and climatic variability and change are central to the issue of current and future global environmental change.</p> <p>3. To grasp the techniques for modelling the climate, covering both theoretical and technical aspects.</p> <p>4. To understand the dynamics of the atmosphere, the ocean and the overall climatologically system.</p> <p>5. To be able to analyse and interpret climatic data.</p>					
Course Outcome					
1. Understanding the dynamics of the Earth's atmosphere and global climate					2.
Explaining approaches to climate classification.					
3. Assessing the role of man in global climate change					
Student Learning Outcomes (SLO)					
1. After this lesson the students will become able to acquaint themselves with nature and scope of oceanography and distribution pattern of land, sea and oceans.					
2. They will have knowledge of bottom relief of oceans, their waves and current in relation to origin, type, characteristics and impact of ocean waves and current on environment.					
3. Students will also have knowledge about ocean resources, their types and distribution and their influences upon mankind.					
4. The learners will have the basic concepts of climatology and its geographical significance along with knowledge of earth's atmosphere in respect to structure, composition and characteristics.					
5. A fair knowledge about elements and factors influencing climate.					
6. Have a concept of distribution of temperature over earth surface, global pressure belts and wind system, formation and characteristics of cyclones.					
UNIT - I					18
Nature and Scope of Climatology and its relationship with meteorology, composition and structure of the atmosphere. Insolation, heat balance of the earth, Green house effect, vertical and horizontal distribution of temperature. Air pressure and wind, force controlling motion of air-vertical motion and horizontal motion and Vorticity, Local winds Jet streams.					
UNIT-II					18
Atmospheric humidity, evaporation, condensation and precipitation: Formation and types of precipitation. World pattern of precipitation, cloud types, Air masses, cyclones, Thunder storm. The evidences of climatic changes during geological past. The theories of causation of such changes.					
UNIT-III					18
The reaction of men to his climatic environment, the modification of Terrestrial climates by human agencies. Climatic classification of Koeppen and Thornwaite. Major climatic regions of the World- Tropical, Temperate, Desert, Mountain climate, monsoon and mediterranean. Weather forecasting, Elements of Physical and synoptic meteorology.					

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UNIT - IV	18
Nature and Scope of Oceanography Distribution of land and water. Major Features of Ocean basins, Earth structure and features and plate tectonic, food and mineral resources of the sea.	
UNIT - V	18
Temperature of sea water- Vertical and Horizontal. Salinity of the ocean water. Ocean deposits, Oceanic waves, Tides, Current, density of sea water, Coral reefs formation and theories. Impact of Human on the marine environment.	

REFERENCE BOOK

- 1 तिवारी , अनिल कुमार: जलवायु विज्ञान, राजस्थान हिन्दी ग्रंथ अकादमी
- 2 नेगी, बी.एस. : जलवायु तथा समुद्र विज्ञान
- 3 Barry, R.G.and Chorley P.J.: Atmosphere ,Weather and Climate, Roulledge, London and New York,1998
- 4 Critchfield ,J.H.: General Climatology ,Prentico Hall , India New Delhi,1993

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Course Code	Geographical Thought	L	T	P	C
MGEOG20Y103	भौगोलिक विचारधारा	6	0	0	6
Pre- Requisites	Nil	Syllabus Version			
		100 Marks			

Course Objective

1. Main objectives of this course are to acquaint the students with the philosophy.
2. Also teach the Methodology and historical development of geography as a professional field.
3. The idea is to address the spirit and purpose of the changing geographies and to what we as geographers contribute towards knowledge production.
4. The course aims at developing critical thinking and analytical approaches
5. Students will acquire an understanding of and appreciation for the relationship between geography and culture.

Course Outcome

- At the completion of the course the students of Physical Geography will be able to:
1. Understand the distinctiveness of geography as a field of learning in social as well as natural science.
 2. Trace the history and development of geographical thought from the ancient period to the present era.
 3. Acquaint themselves with the underlying philosophy and methodology of the subject.
 4. Demonstrate how the changes in relationship between man and his environment are reflected in the development of new thought.
 5. Evaluate how relevant geographical studies are for the human society.

Students Learning Outcomes

- After the completion of the course, Students will be able to
1. This should enable the student to critically look at the contents of other courses at Postgraduate level as logically integrated with the broad currents of thought the subject has witnessed in the distant and recent past.
 2. Students will demonstrate an advanced understanding of the historical development of geographical thought.
 3. They can understand the major current philosophical and theoretical debates in geography.
 4. Students will demonstrate an understanding of current research within the breadth of geography, as well as more in depth knowledge of research in their specialty areas.
 5. Students will develop a solid understanding of the concepts of "space," "place" and "region" and their importance in explaining world affairs..

Unit- I

18

The field of geography, its place in the classification of sciences, geography as a social science and natural science, Definition, nature, scope, subject matter and aim of geography, Fundamental concepts in geography- time & space, concept of earth surface, Dualisms in geography, systematic and regional geography, physical and human geography geographical determinism and possibilism, behaviourism, The concept of regions, regionalization and the regional methods.

Unit- II

18

Growth of geographical knowledge in the ancient and medieval period. Contributions of Greek, Roman, Indian and Arab geographers, The contributions to the geographical knowledge during the great age of maritime discovery and exploration.

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 1. A large signature: *Shobin.*
 2. A signature: *Harish*
 3. A signature: *Manu*
 4. A small number: *6*

Unit- III	18
Modern Geography: contribution of the following schools of thought, German, French, Anglo- American, Russian and Britain.	
Unit- IV	18
Trends in geographical thought and methodology quantification and the main reactions to it, behavioural, humanistic and radical approaches, Hypothesis concepts theories, laws and models.	
Unit- V	18
Scientific explanations: routes to scientific explanations (Inductive/Deductive); types of explanation; Cognitive description; cause and effect; temporal; functional/ecological systems. Geographical information system. Recent trends in the study of Geomorphology, population geography, Agricultural and industrial geography and in urban geography.	

REFERANCE BOOK

- 1 सिंह उजागिर : भौगोलिक चिन्तन का विकास
- 2 त्रिपाठी एवं बिरले : भौगोलिक चिन्तन का विकास एवं विधितंत्र
- 3 कौशिक , एस.डी.: भौगोलिक विचारधाराओं का इतिहास एवं विधितंत्र
- 4 **Ali, S.M.: Arab Geography**
- 5 **Taylor, G.: Geography In the 20th Century.**

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Course Code	ADVANCED GEOGRAPHY OF INDIA (Elective)	L	T	P	C
MGEOG20Y104	भारत का वृहद भूगोल	6	0	0	6
Pre-Requictives	Nil	Syllabus Version			
		100 Marks			

Course Objective

1. Students will get an introduction to the main regions of the India in terms of both their uniqueness and similarities.
2. Students will be exposed to historical, economic, cultural, social and physical characteristics of India.
3. Students will learn the relationships between the global, the regional and the local, particularly how places are inserted in regional and global processes.
4. In addition to the ability of understanding and reading maps, students will develop cartography skills and will be able to create maps on their own.
5. Students will be introduced to demographic, social and cultural attributes such as migration, social relations and cultural identity.

course outcomes

- Learn the differences in terms of varied physiography of India;
- Understand the demographic component and settlement structure in India;
- Study the economy and various types of resources in India

Students Learning Outcomes

After the completion of the course, Students will be able to

1. Understand the about the physiographic division of India.
2. Understand the India Drainage system of India Rivers.
3. Understand the climatic variation in India and climatic region of India.
4. Examine and understand the types of vegetation of India.
5. Understand the variation in industrial development in India.
6. Examine and understand the developed and underdeveloped states in India.

UNIT - I

18

Physical and Biological elements in the Geography of India, Geological Structure, relief, climate, water, resources, vegetation and soil.

UNIT - II

18

Population distribution, density and growth problems and policies. Population Compositions; Age and Sex Composition, Literacy and Education, Occupational Structure, Urbanization.

UNIT - III

18

- (a) Economy; An over view of Indian economy and impact of globalization on it. Cultivated lands- land use patterns, major crops and problems of agriculture,
- (b) Irrigation
- (c) Agriculture; Major characteristics and problems impact of infrastructural and institutional factors on agriculture. Important crops, Agriculture reigons, Green revolution, Agro- Climatic regions.
- (d) Sources; Power, Coal, Petroleum, Natural gas, Hydroelectricity and Atomic energy.

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UNIT - IV	18
<p>(a) Mineral Resources with Specific reference of Iron ore, Manganese and Bauxite. (b) Industrial development with specific reference to Iron and Steel, Cement, Cotton, Jute, Sugar and Paper. Industries, Industrial regions. (c) Transport Infrastructure; road, rail, water and air. (d) Trade; Internal and Foreign</p>	
UNIT - V	18
<p>(a) Regional division of India, Purpose and Methodology. (b) Major schemes of regions of India; O.H.K. spate and R.L. singh (c) Detailed regional study of the following Kashmir valley, Middle Ganga Plain, Narmada Basin, Marusthali and Kerala. (d) Physical and Cultural geography of Madhya Pradesh State.</p>	

REFERENCE BOOK

- 1 अग्रवाल पी.सी.: भारत का भौतिक भूगोल, एशिया प्रकाशन कं. रायपुर 2003.
- 2 जोशी, यशवन्त गोविंद : नर्मदा बेसिन का कृषि भूगोल
- 3 देशबंधु प्रकाशन: संदर्भ छत्तीसगढ
- 4 Spale OHK & ATA Learmont - India & Pakistan Methuen, London. 1967.
- 5 Tirtha R. & Gopal Krishna, Emerging india Reprinted by Rawat Publications, Jaipur 1996.

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- 2 जोशी, यशवन्त गोविंद : नर्मदा बेसिन का कृषि भूगोल
- 3 देशबंधु प्रकाशन: संदर्भ छत्तीसगढ
- 4 Spale OHK & ATA Learmont - India & Pakistan Methuen, London. 1967.
- 5 Tirtha R. & Gopal Krishna, Emerging india Reprinted by Rawat Publications, Jaipur 1996.

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Course Code	Population Geography (Elective)	L	P	T	C
MGEOG20Y105	जनसंख्या भूगोल	6	0	0	6
Pre-Requisites	Nil	Syllabus Version			
		100 Marks			
Course Objective					
<ol style="list-style-type: none"> 1. This course introduces the spatial distribution of population with causative factor. 2. It also deals with various theories and concepts related with population 3. Study of population is an essential component in planning of various human related issues. 4. It also helpful in knowing various kinds of demographic problems, 5. Population Geography also deals in population policies in developed & developing countries 					
Course outcome					
<p>To understand the clear concepts of population geography, demographic studies and settlement geography</p> <ul style="list-style-type: none"> • To understanding of nature, scope and evolution of population geography through spatial and temporal frameworks; population dynamics; world population and development with special reference to India. • Acquiring, handling and analyzing population data both at the grassroots level and secondary sources • To understand of settlement, concepts associated with settlement theories and different growth and morphology of settlements which will benefit the students in pursuing further study 					
Student Learning Outcomes					
<p>After the completion of the course, Students will be able to</p> <ol style="list-style-type: none"> 1. Understand the distribution of population. 2. Population distribution and its problems. 3. Population dynamics 4. Understand population policies & its importance. 5. Students aware about the population policies. 					
UNIT - I					18
Nature and Scope of Population Geography. Development of Population Geography as field of specialization. Its relation with the Demography. Sources of population data, their level of reliability and problems of mapping the population data.					
UNIT - II					18
Population distribution and density; Growth of population-m theoretical issues, world pattern and their determinants.					
UNIT - III					18
Population Composition- Age and Sex Composition; Literacy and Education, Occupational structure, Urbanization, Population Regions of the world.					

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UNIT - IV	18
Population Dynamics: Measurement of Fertility and Mortality; World patterns of Fertility and mortality. Demographic Transition. International Migration.	
UNIT - V	18
Population and Resources Development: Concept of optimum population and over population. Theories of Population: Malthus, Boserup, limits of growth. Population- resource regions of the world.	

REFERANCE BOOK

- 1 पंडा, बी.पी.: जनसंख्या भूगोल
- 2 ओझाए रघुनाथ : जनसंख्या भूगोल
- 3 हीरालाल : जनसंख्या भूगोल
- 4 Census of India, India: A State Profile. 1991.
- 5 Bogua, D.J. Principles in Demography, John Wiley, New York 1969.

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Course Code	Research Methodology / Project Work/ Practical	L	T	P	C
MGEOG20Y106	शोध प्रविधि / परियोजना कार्य / प्रायोगिक कार्य	4	0	6	10
Pre-Requictives	Nil	Syllabus Version			
		100 Marks			

Course Objectives:

1. To give researchers a general understanding of the methodology of Geography.
2. To Enable the scholars to know the fundamental theory of research.
3. To Strengthen the need of Interdisciplinary Research.
4. To Inculcate the role of Case study analysis in the Methodology of Geography
5. To Understand the Value of Field work and the preparation of them maps is Geographical Research.

Course Outcome:

1. Explain the basic concept of research .
2. Categorize of hypothesis and sampling techniques.
3. Distinguish between various data sources .
4. Formulate clearly and briefly applied research problems.
5. Conduct applied research by systematically processing .
4. Write the research report in various formats

Students Learning Outcomes:

- After the Completion of the course, Students will be able to
1. Students should be able to distinguish a purpose statement, a reasearch question or hypothesis and research objective.
 2. Students should be able to Define the meaning of a variable and to be able to identify Independent, dependent and mediating variables,
 3. Student should be able to distinguish between categorical and continuous measures.
 4. Student should be able to design a good quantitative purpose statemtnt and good quantitative research questions and hypothesis.
 5. Student should be familiar with the steps involved in identifying and selecting a good instrument to use in a study.

Course Objective:

The objective of incorporating this paper in the syllabus is to hone the critical faculties of students on the core themes of Research Methodology.

Course Outcomes:

- It will make students able to:
1. Understand and apply research approaches, techniques and strategies in the appropriate manner for managerial decision making
 2. Conceptualize the research process
 3. Demonstrate knowledge and understanding of data analysis and interpretation in the relation to the research process
 4. Develop an understanding of various research designs and techniques
 5. Develop an understanding of the ethical dimensions of conduction applied research

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STUDENT LEARNING OUTCOME:

After studying this paper, students should be able to comprehend and critically analyse major themes and aspects of Contemporary Political Theory.

UNIT - I

Map projection- Galls, Mercators, Equatorial and oblique cases of Gnomonic and Stereographic projections. Sinusoidal and Mollweids projections by graphical and mathematical methods

UNIT - II

Representation of data-Lorenz curve, Ergo graph, Band graph, Rainfall dispersion diagram. Trend line. Presentation of Dot maps, Isopleth and Choropleth method.

UNIT - III

Methods of landforms analysis on the basis of stream profile: longitudinal profile of the river and cross profile of the rivers.

UNIT - IV

Survey by India Tangent Clinometer, Survey by Abney Level and sextant

UNIT - V

Tour report/ Village survey report

Reference Book**SUGGESTED READING :**

- 1 Davis .RC. & E.S. Forte : Surveyina : Theory and Practical
- 2 Knetkar ,T.R. & S.V. Kulkarni : Surveyina and levelling Part I & II
नाथ हाडत हाया हायाहाहाहा (अनु.प्र.प्रगयय अयाहा) नागायत्र हाया आरय्य न.प्र.हाया प्रय
- 3 अकादमी
- 4 नेगी .बी.एस. भूगोल में आधार भूत, सांख्यिकी
- 5 हीरालाल: प्रायोगिक भूगोल

Course Code	Subjective Presentation and Comprehensive viva	L	T	P	C
MGEOG20Y107	विषय प्रस्तुति एवं विस्तृत मौखिकी	10	0	0	10
Pre-Requisites	Nil	Syllabus Version			
		100 Marks			
Course Objective					
<ol style="list-style-type: none"> भूगोल की विशेषज्ञता के साथ ज्ञान प्रदान करना। विषय की समग्र और व्यापक जानकारी प्रदान करना। छात्रों में भूगोल के प्रति रुचि जाग्रत करना। भूगोल के अभ्यास के प्रवृत्ति को विकसित करना। भूगोल विषय में कुशलता एवं दक्षता को विकसित करना। भूगोल से संबंधित सैद्धांतिक एवं प्रायोगिक दोषों को दूर करना। भूगोल विषय के शोध कार्य को बढ़ावा देना। 					
course outcomes					
<ol style="list-style-type: none"> भूगोल की क्षमताओं एवं विशेषताओं का ज्ञान करना। भूगोल की दक्षता और उसकी सूक्ष्मता का ज्ञान प्रदान करना। भूगोल के ज्ञान को विस्तारित एवं प्रसारित करना। भूगोल के शोध कार्य एवं अनुसंधान का ज्ञान प्रदान करना। 					
Students Learning Outcomes					
<ol style="list-style-type: none"> छात्रों में शोध कौशल का विकास होना। छात्रों में अनुकूलन की सोच विकसित होना। शोध के अभ्यास के लिए नूतन तकनीक, कौशल विधियां एवं प्रयोगों का विकास होना। शोध एवं विषयगत समस्याओं का निदान करने की क्षमता का विकास होना। विषय का विशेषज्ञता के साथ छात्र को दक्ष बनाना। शोध कार्य की समस्याओं का निदान होना। शोध कार्य को गति प्रदान करना। 					
प्रत्येक विद्यार्थी प्रश्नपत्र संख्या एक से पाँच पढ़े गये विषयों में से किसी एक विषय पर प्रस्तुति और विस्तृत मौखिकी देना होगी।					





