

SARDAR PATEL UNIVERSITYBA
B.A. GEOGRAPHY Semester 02
Effect from : 2023-24

Course Code	UA02MAGEO01	Title of the Course	Geo-morphology
Total Credits of the Course	04	Hours per Week	04
Course Objectives:	1. The objective of this course is to introduce the latest concepts in physical geography, essentially Geomorphology; to the students of geography in a brief but adequate manner.		
Course Content			
Unit	Description	Weightage%	
1.	Geomorphology and External forces of Earth Definition, Nature, Meaning and Scope of Geomorphology. Approaches and Importance of the study of Geomorphology. Erosion and Deposition, Geomorphic cycle.	25%	
2.	The mechanism of River and Associated landforms Introduction to mechanism of river, Development of drainage pattern, erosion work and landforms of river, transportation work of river, Depositional work and landforms of river. Periodic erosion and rejuvenation of river. Meaning of glacial river, Types and Velocity. Erosion work and landforms of glacial river, transportation work and Depositional work and landforms of glacial river.	25%	
3.	The Function of Wind and Associated landforms Meaning of wind, erosion and depositional landforms, transformational work of wind, formation of sand dunes, process of transportation of sand dunes, classification of sand dunes.	25%	
4.	Work of Ground Water, Sea waves and shore landforms Meaning of ground water, works of ground water, erosion and depositional landforms of ground water, Karst cycle of erosion. Mechanism of Sea waves, Types of Sea waves, erosion and depositional landforms of sea waves, shores and costal line.	25%	
Teaching-Learning Methodology	ICT, Group Discussion Lecture method, Class room Seminar, quiz		
Evaluation Pattern			

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Sr. No.	Details of the Evaluation	Weight age %
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%
Course Outcomes: Having completed this course, the learner will be able to		
1.	Understand the components of the earth system – atmosphere, lithosphere and hydrosphere;	
2.	Appreciate and understand various features of the spheres with local, regional and global examples.	
3.	Associate and bring out the relationships of the features of one sphere with other spheres.	
Suggested References:		
Sr.	References	
1.	M. R. Shah and K.N. Jasani(2016) - Physical Geography, Uni. Granth Nirman Board, Ahmedabad (Gujarati)	
2.	Alan Strahler - Physical Geography, John Wiley and Sons	
3.	Savindra Singh (2018): Physical Geography, Pravalika Pub. Allahabad (Hindi, English)	
4.	Dayal P.(1996): A Text Book of Geomorphology, Shukla book Depot, Patna.	
On-line resources to be used if available as reference material		
On-line Resources:		
https://en.m.wikipedia.org/wiki/Geomorphology https://www.clearias.com/erosion-deposition-running-water-groundwater/ https://www.clearias.com/erosion-deposition-wind-waves/		

SARDAR PATEL UNIVERSITYBA
B.A. GEOGRAPHY Semester 02
 Effect from : 2023-24

Course Code	UA02MAGEO02	Title of the Course	Cultural Geography of Gujarat
Total Credits of the Course	04	Hours per Week	04
Course Objectives:	1. Detailed exposure to the human and physical feature of Gujarat. 2. In-depth knowledge of different resource based and their economic importance of Gujarat. 3. Understanding socio-cultural based of Gujarat.		
Course Content			
Unit	Description	Weight age%	
1.	Irrigation Types of irrigation, Major irrigation sources, Significance of multi-purpose and major irrigation projects, Characteristic of agriculture and major crops of Gujarat Agricultural problems and their remedies.	25%	
2.	Industry and Industrial Region Factors affecting to localization of industries, Major Industries of Gujarat, Various industrial region of Gujarat, Government policies and Industrial Development. (SEZ)	25%	
3.	Transportation and Trade Type of Transportation, Role of transportation in economical development of Gujarat. Main ports of Gujarat, National and International Trades of Gujarat. (DMIC)	25%	
4.	Human Population and Human Settlement Regional Distribution of Population in Gujarat and Factors affecting the Density of Population. Composition of Population of Gujarat Age group, sex ratio, religious Group, Occupational Structure. Migrations: Causes and forms, and Urbanization: Meaning and its impacts, Related Issues. Population growth and Environmental issues.	25%	
Teaching-Learning Methodology	ICT, Group Discussion Lecture method, Class room Seminar, quiz		

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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weight age
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%
Course Outcomes: Having completed this course, the learner will be able to		
1.	Detailed exposure to the human and physical feature of Gujarat.	
2.	In-depth knowledge of different resource based and their economic importance of Gujarat.	
3.	Understanding socio-cultural based of Gujarat.	
Suggested References:		
Sr.	References	
1.	Dr. Manjula Dave-Leang (2018): Regional & Economic Geography of Gujarat, Uni. Granth Nirman Board, Ahmedabad (Gujarati)	
2.	Dikshit, K.R(1970): Geography of Gujarat, National Book Trust, Bombay.	
3.	R. C. Chandra (1986): Regional Geography of India, Kalyani pub. Delhi.	
4.	Gujarat Vishwa kosh (in Gujarati), Gujarat Vishwa kosh Trust, Ahmedabad, 2000.	
On-line resources to be used if available as reference material		
On-line Resources:		
https://m.rbi.org.in/Scripts/AnnualPublications.aspx?head=Handbook+of+Statistics+on+Indian+States https://www.google.com/amp/s/gujarat.pscnotes.com/gujarat-geography/gujarat-irrigation-hydropower/amp/ https://gujarat.pscnotes.com/gujrat-geography/gujarat-industrial-development/amp/ https://gujarat.pscnotes.com/gujrat-geography/gujarat-transportation-network/amp/		

SARDAR PATEL UNIVERSITYBA
B.A. GEOGRAPHY Semester 02
Effect from : 2023-24

Course Code	UA02MIGE001	Title of the Course	Human Geography
Total Credits of the Course	04	Hours per Week	04
Course Objectives:	<p>1. The objectives if this course are to acquaint then students with the nature of man-environment relationship and human capability to adopt and modify the environment under its varied conditions from primitive life style to the modern living.</p> <p>2. To identify and understand environment and population in terms of their quality and spatial distribution pattern and comprehend the contemporary issues facing the global community.</p>		
Course Content			
Unit	Description	Weightage%	
1.	Nature and scope of human geography, Branches of human geography. Concepts of man –Environment relationship- determinism, Possibilism and probabilism; dichotomy in physical and human geography; primitive life-style of mankind and subsequent migration	25%	
2.	Division of mankind: spatial distribution. Physical and social profile of racial groups, ethnic groups, tribal groups and religious groups in the world and in India; early economic activities of mankind: food gathering, hunting, and vegiculture, shifting cultivation.	25%	
3.	Human adaptation to the environment: (I) cold region – Eskimo; (II) hot region bushman, Beduin; (III) plateau-Gonds, Masai, (IV) Mountain – Gujjars, nomads, (V) regions of recurrent floods, drought and other natural hazards; Adaptation in modern society-agricultural, urban and metropolitan;	25%	
4.	Distribution of population; world distribution pattern – physical, economic and social factors influencing. Spatial distribution; concepts of over population and optimum population. Zero population growth; Migration – internal and international. Population conflicts and conflict resolution in developed and developing world. Population theories: classical and modern. Population regions of India: dynamic prospective depressed; problem of over population of India and remedial measures, population programmes and policy of India. Settlements: Types, patterns of rural and urban, Trends and patterns of world urbanisation.	25%	

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Teaching-Learning Methodology	ICT, Group Discussion Lecture method, Class room Seminar, quiz	
Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weight age %
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%
Course Outcomes: Having completed this course, the learner will be able to		
1.	Understand the basic concepts in various sub-fields of human geography.	
2.	Appreciate the growth, distribution and composition of population in different parts of the world.	
3.	Analyse the types and patterns of rural and urban settlements, urbanisation and related issues in India and other regions of the world.	
Suggested References:		
Sr.	References	
1.	Hussain, Majid(2012) Manav bhugol. Rawat publications, Jaipur.	
2.	Maurya S.D.(2012)Manav Bhugol , Sharda Pustak Bhawan, Allahabad	
3.	Dr. Chaturbhuj mamoriya, Manav Bhugol, Shahitya bhawan publication Agra.	
4.	Dr. Nilendrakumar dixit, Pra. N.G.Parikh Manav Bhugol University granth nirman bord, Gujarat rajya 2021	
On-line resources to be used if available as reference material		
On-line Resources:		
https://en.m.wikipedia.org/wiki/Geomorphology https://www.clearias.com/erosion-deposition-running-water-groundwater/ https://www.clearias.com/erosion-deposition-wind-waves/		

SARDAR PATEL UNIVERSITYBA
B.A. GEOGRAPHY Semester 02
Effect from : 2023-24

Course Code	UA02IDGEO01	Title of the Course	Commercial Geography
Total Credits of the Course	04	Hours per Week	04
Course Objectives:	<p>After the completion of course, the students will have ability to:</p> <ol style="list-style-type: none"> 1. To understand the scope and content of commercial geography in relation to spatial distribution of agricultural and industrial production, their forward and backward linkages. 2. To relate spatial patterns of origin and destination with changes in socio-economic development of regions. 		
Course Content			
Unit	Description		Weight age%
1.	Nature, scope, significance: and development of commercial geography. Nature of economic activities: primary, secondary, tertiary and their contributions in the national economy, Approaches to the commercial geography.		25%
2.	Development of marketing : theoretic frame central place theory of Christaller and Losch; Delimitation of market, classification of markets-permanent, fairs, retail, wholesale, formal and informal markets, modern markets functional relationship hierarchy of market centres, market areas, consumer behavior, travel pattern.		25%
3.	Marketing structure-regulated and rural markets, nature of inter-urban and intra urban marketing. Marketing and development –role of market centres in regional and commercial development. Planning for the development of modern market places.		25%
4.	Significance of trade and its role in world and regional economy. History of trade, type of trade flow of commodities; international trade, zones: Europe, North American. Latin America, Africa, Australia, Flow Of commodities in economic blocks: EU,ASEAN,EFTA,LAFTA and SAARC. India Trade: Contemporary restructuring of global economy and its influence on indian trade; World Trade Organization : impact on indian agriculture; industry and informal sector; recent trends; in indian trade critical evolution of trade policy of india.		25%
Teaching-Learning Methodology	ICT, Group Discussion Lecture method, Class room Seminar, quiz		

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Evaluation Pattern		
Sr. No.	Details of the Evaluation	Weight age
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%
Course Outcomes: Having completed this course, the learner will be able to		
1.	Students should get acquainted with the data sources and techniques of utilization through	
2.	Mapping and providing geographical interpretation. They should also get training in using	
3.	The theoretical knowledge and application to inter-disciplinary themes such as of commerce and economics.	
Sr.	References	
1.	Berry, B.J.L. Geography of market Centres and Retail Distribution. Prentice Hall, Englewood cliffs, N.J.1967	
2.	Davis R.L. Marketing Geography. Methuen, London,1976	
3.	Dixit R.S. Market Centres and their Spatial development in the umaland of Kanpur Allahabad.1984.	
4.	Saxena, H.M. Geography of marketing of Marketing-Concepts and Methods, New Delhi.1984	
5.	Scott.P: Geography and Retailing Hutchinson, London.	
On-line resources to be used if available as reference material		
On-line Resources: https://en.m.wikipedia.org/wiki/Ecosystem_ecology https://en.m.wikipedia.org/wiki/Biodiversity https://en.m.wikipedia.org/wiki/Physical_impacts_of_climate_change		

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Course Code	UA02SEGEO01	Title of the Course	Recourse Geography-II
Total Credits of the Course	02	Hours per Week	02
Course Objectives:	<p>1. Understand concepts and approaches of natural resource management</p> <p>2. Examine use and misuse of various resources and to analyzed future prospects, to study various methods and approaches of conservation and Management of natural Resources.</p>		
Course Content			
Unit	Description	Weight age%	
1.	Population growth - variation among nations, Population explosion and its impact on environment, Pollution Control Strategies Family Welfare Programme. Urbanization, Scarcity of Natural Resources; Water conservation, rain water harvesting, watershed management. Greenhouse effect, Global Warming & their Various Implications Acid Rain & Ozone Depletion Pollution: Air, Water, Land, Noise Soil Degradation: Erosion, Desertification & Deforestation.	50%	
2.	Basic Principles of Environmental Planning. Environmental Perception and Public awareness. Impact of Pollutions on Human health. Solid waste Management: Causes, effects and control measures of Urban and industrial Wastes. Control of Environmental degradation Legislation on Water, Air, Noise Pollution with Special Reference to Gujarat. Environmental Impact Assessment (EIA) Environmental Protection related Organizations	50%	
Teaching-Learning Methodology	ICT, Group Discussion Lecture method, Class room Seminar, quiz		
Evaluation Pattern			
Sr. No.	Details of the Evaluation	Weight age	
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%	

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2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%
3.	University Examination	70%

Course Outcomes: After the completion of the course, the students will have the ability to:

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| 1. | Understand the dynamic interactive relationship between man and environment. |
| 2. | Have sound understanding on distribution, utilization and proper management of natural resources at global level |
| 3. | Make assessment and review of planning and policies related to environment and natural resources. |

Sr.	References
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| 1. | Dr.N.G.Dixit,(2015):Man And Environment.Aronoday Prakashan.Ahmedabad |
| 2. | Savindra Singh, (2000): Environmental Geography. Prayag Pustak Bhavan, Allahabad |
| 3. | S.D.Kaushik,(2004) (Sansadhan Bhugol),Rastogi publication, Merath, Dehli.(Hindi) |
| 4. | Dr.B.C.Jat,(2001)(Economic & Resource Geography),Prayag Pustak Bhavan,Allahabad |

On-line resources to be used if available as reference material

On-line Resources: https://en.m.wikipedia.org/wiki/Ecosystem_ecology

<https://en.m.wikipedia.org/wiki/Biodiversity>

https://en.m.wikipedia.org/wiki/Physical_impacts_of_climate_change

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B.A. GEOGRAPHY Semester 02
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Course Code	UA02VAGE001	Title of the Course	Environmental Education-I
Total Credits of the Course	02	Hours per Week	02
Course Objectives:	<p>1. The objective of this paper is to provide an overview of resource geography and its interface with environment.</p> <p>2. The course aims to provide an understanding of the existing reality of resource utilization and environmental depletion; further aims to sensitize the students to the concept of Sustainable resource use and sustainable development.</p>		
Course Content			
Unit	Description	Weight age%	
1.	Meaning Nature and Types of Environment, Man and Environment Relationship, Nature, Scope and Importance of Environmental studies. Need for public awareness and Protection of Environment. Concept of an ecosystem and ecology, Structure and function of an ecosystem. Energy flow in the ecosystem, Food chains, food webs and ecological pyramids.	50%	
2.	Definition, Meaning and Importance of Biodiversity, Types of Productivity and Mega Biodiversity centers and Hot Spot, Threats to Biodiversity and Conservation of Biodiversity, Classification of Indian Biodiversity. Meaning of Changes in the Environment, Factors Changing the Environment, Environment and Population Growth, Environment and Human Health.	50%	
Teaching-Learning Methodology	ICT, Group Discussion Lecture method, Class room Seminar, quiz		
Evaluation Pattern			
Sr. No.	Details of the Evaluation	Weight age	
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%	
2.	Internal Continuous Assessment in the form of Practical, Viva-voce, Quizzes, Seminars, Assignments, Attendance (As per CBCS R.6.8.3)	15%	
3.	University Examination	70%	

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Course Outcomes: Having completed this course, the learner will be able to	
1.	Understand the dynamic interactive relationship between man and environment.
2.	Have sound understanding on distribution, utilization and proper management of natural resources at global level.
3.	Make assessment and review of planning and policies related to environment and natural resources.
Sr.	References
1.	Dr. B. K. Bhatt, Dr. M.C.Patel, Dr. T.G. Gohil, Environmental Studies, New Popular Prakashan Surat
2.	Savindra Singh, (2000): Environmental Geography. Prayag Pustak Bhavan, Allahabad
3.	Alexander, D. (1993): Natural Disasters. UCL Press Ltd, London
4.	Dr. N. G. Dixit (2012) Man and Environment, Arunoday Publication, Ahmadabad (Gujarati).
5.	Mohan, Environmental Problems in 21 st Century, Anmol Publication Pvt, Ltd. New Delhi
On-line resources to be used if available as reference material	
On-line Resources: https://en.m.wikipedia.org/wiki/Ecosystem_ecology	
https://en.m.wikipedia.org/wiki/Biodiversity	
https://en.m.wikipedia.org/wiki/Physical_impacts_of_climate_change	