



BACHELOR OF ARTS GEOGRAPHY

BA GEOGRAPHY Semester 01

Course Code	UA01CGEO51	Title of the Course	Fundamentals of Physical Geography
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none"> 1. The objective of this course is to introduce the latest concepts in physical Geography. 2. Essentially Geomorphology; to the students of geography in a brief but Adequate manner.
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Course Content		
Unit	Description	Weightage%
1.	Solar system, Origin of Earth, Geological Time Scale Meaning, Definition, Nature, Scope of the Physical Geography, Branches of Physical Geography and Inter-relation with other branches of Earth Science. Solar System, Origin of the Earth, Concept of Monistic and Dualistic. Age of Earth, Geological Time Seale.	25%
2.	Interior of Earth, Geo-Isostasy, Rock, Soil and land Earth interior structure, Evidence of Seismology, Primary, Secondary and Long period waves, Different layers of the Earth. Meaning of Isostasy, Principal of Isostasy, Pratt's and Airy's view of Isostasy. Meaning and Definition of Rock, Classification of Rocks, Rock Cycle, Meaning and Definition of Soil, Types of Soil,	25%
3.	Natural Forces and Landscape, Mountain Construction Definition of Relief and Natural forces, Classification of Natural forces (Endogenetic and Expgenetic forces) Definition of mountain, Classification of mountains.	25%
4.	Volcano and Earthquakes Meaning and Definition of Volcano, Volcanism, Volcanic eruptions, Causes of Volcanism, Types of Volcanoes, volcanic action and the form that arises from volcano. Arial distribution of volcanoes, Meaning of Earthquakes, Types and Reasons of earthquakes, Earthquakes Measurement and impact,	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	Weightage
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- Physical Geography, Uni.Granth Nirman Board, Ahmedabad (Gujarati)
2.	A.N. Strahler - Physical Geography, John Wiley and Sons
3.	Singh, M.B. (2001): Physical Geography, Tara Book Agency, Varanasi (Hindi)
4.	Bryant, H. Richard (2001): Physical Geography Made Simple, Rupa and Company. New Delhi
On-line resources to be used if available as reference material	
On-line Resources: https://en.m.wikipedia.org/wiki/Structure_of_Earth	
https://en.m.wikipedia.org/wiki/mountain_formation	
https://en.m.wikipedia.org/wiki/volcanoes_and_earthquakes	





BACHELOR OF ARTS GEOGRAPHY
BA GEOGRAPHY Semester 01

Course Code	UA01CGEO52	Title of the Course	Regional Geography of Gujarat
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none"> 1. To understand the concept of Region and Regional Planning. 2. To describe the basic characteristics of physical features of Gujarat.
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Course Content		
Unit	Description	Weightage%
1.	History of Gujarat, Location, Area and Boundary History of Gujarat, Geographical identity among other States of India, Size, Location, Area and political boundary of Gujarat. Main Physiographic divisions of Gujarat.	25%
2.	Climate and Drainage System of Gujarat Drainage Patterns of major rivers and their importance and irrigation utilities Major Seasons and Agro climatic regions of Gujarat, Factors influencing climate of Gujarat, Drought and water scarcity in Gujarat	25%
3.	Natural Resource and Livestock of Gujarat Types of Vegetation, Forest products and their utilities, Animal husbandry, Dairy farming & Fisheries, Wild life of Gujarat.	25%
4.	Land , Agriculture, Minerals and Power resources Major types and distribution of soil, Soil problems and Soil Conservations. Types of Mineral resource: Distribution and Utility, Types of Power resource : Distribution and Utility.	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	Weightage
1.	Internal Written / Practical Examination (As per CBCS R.6.8.3)	15%





SARDAR PATEL UNIVERSITY
Vallabh Vidyanagar, Gujarat
(Reaccredited with 'A' Grade by NAAC (CGPA 3.25))
Syllabus with effect from the Academic Year 2021-2022

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.	Dave Manjula. B.: Regional & Economic Geography of Gujarat, Uni.Granth Nirman Board, Ahmedabad (Gujarati)
2.	Dikshit, K.R.: Geography of Gujarat, National Book Trust, New Delhi.
3.	Reserve Bank of India : Handbook of Statistics on Indian States 2019-20
4.	Census of India: Gujarat Part II – A & B, General Census Tables.
5.	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://en.m.wikipedia.org/wiki/Geography_of_Gujarat https://www.researchgate.net/publication/264160274_Livestock_Genetic_Resources_of_Gujarat https://www.google.com/amp/s/gujarat.pscnotes.com/gujarat-geography/gujarat-natural-and	





BACHELOR OF ARTS GEOGRAPHY

BA GEOGRAPHY Semester 01

Course Code	UA01GGEO51	Title of the Course	Fundamentals of Physical Geography
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none"> 1. The objective of this course is to introduce the latest concepts in physical Geography. 2. Essentially Geomorphology; to the students of geography in a brief but Adequate manner.
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Course Content		
Unit	Description	Weightage%
1.	Solar system, Origin of Earth, Geological Time Scale Meaning, Definition, Nature, Scope of the Physical Geography, Branches of Physical Geography and Inter-relation with other branches of Earth Science. Solar System, Origin of the Earth, Concept of Monistic and Dualistic. Age of Earth, Geological Time Seale.	25%
2.	Interior of Earth, Geo-Isostasy, Rock, Soil and land Earth interior structure, Evidence of Seismology, Primary, Secondary and Long period waves, Different layers of the Earth. Meaning of Isostasy, Principal of Isostasy, Pratt's and Airy's view of Isostasy. Meaning and Definition of Rock, Classification of Rocks, Rock Cycle, Meaning and Definition of Soil, Types of Soil,	25%
3.	Natural Forces and Landscape, Mountain Construction Definition of Relief and Natural forces, Classification of Natural forces (Endogenetic and Expgenetic forces) Definition of mountain, Classification of mountains.	25%
4.	Volcano and Earthquakes Meaning and Definition of Volcano, Volcanism, Volcanic eruptions, Causes of Volcanism, Types of Volcanoes, volcanic action and the form that arises from volcano. Arial distribution of volcanoes, Meaning of Earthquakes, Types and Reasons of earthquakes, Earthquakes Measurement and impact,	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	Weightage
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;
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1.	M.R.Shah and K.N. Jasani- Physical Geography, Uni.Granth Nirman Board, Ahmedabad (Gujarati)
2.	A.N. Strahler - Physical Geography, John Wiley and Sons
3.	Singh, M.B. (2001): Physical Geography, Tara Book Agency, Varanasi (Hindi)
4.	Bryant, H. Richard (2001): Physical Geography Made Simple, Rupa and Company. New Delhi
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On-line Resources: https://en.m.wikipedia.org/wiki/Structure_of_Earth	
https://en.m.wikipedia.org/wiki/mountain_formation	
https://en.m.wikipedia.org/wiki/volcanoes_and_earthquakes	





BACHELOR OF ARTS GEOGRAPHY

BA GEOGRAPHY Semester 01

Course Code	UA01CGEO52	Title of the Course	Regional Geography of Gujarat
Total Credits of the Course	04	Hours per Week	04

Course Objectives:	<ol style="list-style-type: none"> 1. To understand the concept of Region and Regional Planning. 2. To describe the basic characteristics of physical features of Gujarat.
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Course Content		
Unit	Description	Weightage%
1.	History of Gujarat, Location, Area and Boundary History of Gujarat, Geographical identity among other States of India, Size, Location, Area and political boundary of Gujarat. Main Physiographic divisions of Gujarat.	25%
2.	Climate and Drainage System of Gujarat Drainage Patterns of major rivers and their importance and irrigation utilities Major Seasons and Agro climatic regions of Gujarat, Factors influencing climate of Gujarat, Drought and water scarcity in Gujarat	25%
3.	Natural Resource and Livestock of Gujarat Types of Vegetation, Forest products and their utilities, Animal husbandry, Dairy farming & Fisheries, Wild life of Gujarat.	25%
4.	Land , Agriculture, Minerals and Power resources Major types and distribution of soil, Soil problems and Soil Conservations. Types of Mineral resource: Distribution and Utility, Types of Power resource : Distribution and Utility.	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	Weightage
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: 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.	Dave Manjula. B.: Regional & Economic Geography of Gujarat, Uni.Granth Nirman Board, Ahmedabad (Gujarati)
2.	Dikshit, K.R.: Geography of Gujarat, National Book Trust, New Delhi.
3.	Reserve Bank of India : Handbook of Statistics on Indian States 2019-20
4.	Census of India: Gujarat Part II – A & B, General Census Tables.
5.	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://en.m.wikipedia.org/wiki/Geography_of_Gujarat
https://www.researchgate.net/publication/264160274_Livestock_Genetic_Resources_of_Gujarat
<https://www.google.com/amp/s/gujarat.pscnotes.com/gujarat-geography/gujarat-natural-and>





BACHELOR OF ARTS GEOGRAPHY
BA GEOGRAPHY Semester 01

Course Code	UA01SGEO51	Title of the Course	Man & Environment-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>
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Course Content		
Unit	Description	Weightage%
1.	Introduction to Man and Environment 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.	25%
2.	Ecology and Eco-System Concept of an ecosystem and ecology, Structure and function of an ecosystem. Energy flow in the ecosystem, Food chains, food webs and ecological pyramids.	25%
3.	Biodiversity Definition, Meaning and Importance of Biodiversity, Types of Productivity and Mega Biodiversity centres and Hot Spot Threats to Biodiversity and Conservation of Biodiversity Classification of Indian Biodiversity	25%
4.	Climate change and Effects on Environment Meaning of Changes in the Environment, Factors Changing the Environment, Environment and Population Growth Environment and Human Health.	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	Weightage
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 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.

Suggested References:	
Sr.	References
1.	Dr.N.G.Dixit,(2015): Man And Environment. Arunoday Prakashan, Ahmednagar
2.	Savindra Singh, (2000): Environmental Geography. Prayag Pustak Bhavan, Allahabad
3.	Singh R.B. & Mishra S. (1996) Environmental Laws in India ,Issues & Responses Rawat Publication, New Delhi.
4.	I. 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	





BACHELOR OF ARTS GEOGRAPHY

BA GEOGRAPHY Semester 02

Course Code	UA02CGEO51	Title of the Course	Geomorphology
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.
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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 there landforms Introduction to mechanism of river, Development of drainage pattern, erosional 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. Erosional work and landforms of glacial river, transportation work and Depositional work and landforms of glacial river.	25%
3.	The Function of Wind and there landforms Meaning of wind, erosional 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 , erosional and depositional landforms of ground water, Karst cycle of erosion. Mechanism of Sea waves, Types of Sea waves, erosional and depositional landforms of sea waves, shores and costal line.	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	Weightage
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- Physical Geography, Uni.Granth Nirman Board, Ahmedabad (Gujarati)
2.	A.N.Strahler- Physical Geography, John Wiley and Sons
3.	Dayal, P; (1996) A Text Book of Geomorphology , Shukla Book depot. Patna.
4.	Gautam, A (2010): Physical Geography, Rastogi Publications, Meerut (Hindi)
On-line resources to be used if available as reference material	
On-line Resources:	
https://en.m.wikipedia.org/wiki/Glomorphology https://www.clearias.com/erosion-deposition-running-water-groundwater/ https://www.clearias.com/erosion-deposition-wind-waves/	





BACHELOR OF ARTS GEOGRAPHY
BA GEOGRAPHY Semester 02

Course Code	UA02CGEO52	Title of the Course	Economic 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.
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Course Content		
Unit	Description	Weightage%
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 Zone Factors affecting to localization of industries, Major Industries of Gujarat, Various industrial zones of Gujarat, Government policies and Industrial Development.	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.	25%
4.	Human Population and Human Settlement Composition of Population of Gujarat Age group, sex ratio, religious Group, Occupational Structure. Regional Distribution of Population in Gujarat and Factors affecting the Density of Population. Urbanizations Migrations and 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	Weightage
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.	Dave, Manjula, B.: Regional & Economic Geography of Gujarat, University Granth Nirman Board, Ahmedabad. (Gujarati)
2.	Dikshit, K.R.: Geography of Gujarat, National Book Trust, New Delhi.
3.	Reserve Bank of India : Handbook of Statistics on Indian States 2019-20
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:	
<p style="text-align: center;">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/</p>	





BACHELOR OF ARTS GEOGRAPHY

BA GEOGRAPHY Semester 02

Course Code	UA02GGEO51	Title of the Course	Geomorphology
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.
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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 there landforms Introduction to mechanism of river, Development of drainage pattern, erosional 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. Erosional work and landforms of glacial river, transportation work and Depositional work and landforms of glacial river.	25%
3.	The Function of Wind and there landforms Meaning of wind, erosional 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 , erosional and depositional landforms of ground water, Karst cycle of erosion. Mechanism of Sea waves, Types of Sea waves, erosional and depositional landforms of sea waves, shores and costal line.	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	Weightage
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.

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2.	A.N.Strahler- Physical Geography, John Wiley and Sons
3.	Dayal, P; (1996) A Text Book of Geomorphology , Shukla Book depot. Patna.
4.	Gautam, A (2010): Physical Geography, Rastogi Publications, Meerut (Hindi)
On-line resources to be used if available as reference material	
On-line Resources:	
https://en.m.wikipedia.org/wiki/Glomorphology https://www.clearias.com/erosion-deposition-running-water-groundwater/ https://www.clearias.com/erosion-deposition-wind-waves/	





BACHELOR OF ARTS GEOGRAPHY
BA GEOGRAPHY Semester 02

Course Code	UA02GGEO52	Title of the Course	Economic 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.
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Course Content		
Unit	Description	Weightage%
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 Zone Factors affecting to localization of industries, Major Industries of Gujarat, Various industrial zones of Gujarat, Government policies and Industrial Development.	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.	25%
4.	Human Population and Human Settlement Composition of Population of Gujarat Age group, sex ratio, religious Group, Occupational Structure. Regional Distribution of Population in Gujarat and Factors affecting the Density of Population. Urbanizations Migrations and 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	Weightage
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:	
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2.	Dikshit, K.R.: Geography of Gujarat, National Book Trust, New Delhi.
3.	Reserve Bank of India : Handbook of Statistics on Indian States 2019-20
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<p style="text-align: center;">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/</p>	





BACHELOR OF ARTS GEOGRAPHY
BA GEOGRAPHY Semester 02

Course Code	UA02SGEO51	Title of the Course	Man & Environment-II
Total Credits of the Course	02	Hours per Week	02
Course Objectives:	1. The objective of this paper is to provide an overview of resource geography and its interface with environment. 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.		

Course Content		
Unit	Description	Weightage%
1.	Environmental Hazard and Disaster Meaning of Environmental Hazards, Environmental Disaster & Stress, Classification of Environmental Hazards, and Environmental conservation Movements.	25%
2.	Hazards Zone, Risk and Awareness Concept of Management of Environmental Hazards, Hazards Zones & Risk Analysis, Hazard Awareness; Pre- Hazard Conditions: Warning & Precautions, Post Hazard Condition: Rescue, Assessment & Rehabilitation.	25%
3.	Natural Disaster Atmospheric Hazards & Disaster: Causes, Effects & Management Cyclone Cloudburst and Floods, Drought, Green House effect & Global Warming	25%
4.	Management Terrestrial Hazards: Causes, Effects & Management, Earthquake, Landslide and Tsunami, Man- Induced Hazards: Causes, Effects & Management, Desertification, Forest Fire, Soil degradation & Population Explosion	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	Weightage
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.	Appreciate the structure and functions of ecosystems with examples.
2.	Understand the environmental problems and relevant management strategies.
3.	Acquire knowledge about the new environmental policies and the need to revise policies to tackle the environmental issues of India, in particular

Suggested References:	
Sr.	References
1.	Dr.N.G.Dixit,(2015): Man And Environment. Arunoday Prakashan, Ahmednagar
2.	Savindra Singh, (2000): Environmental Geography. Prayag Pustak Bhavan, Allahabad
3.	Singh R.B. & Mishra S. (1996) Environmental Laws in India ,Issues & Responses Rawat Publication, New Delhi.
4.	Dr. N. G. Dixit.(2012) Disaster Management. Arunoday Prakashan, Ahmedabad
On-line resources to be used if available as reference material	
On-line Resources: https://en.m.wikipedia.org/wiki/Environmental_hazard https://en.m.wikipedia.org/wiki/Natural_disaster	

