

Detailed Syllabus

Curriculum Designed for		Grant-In-Aid
Semester: I	Course No.: 112	Course Code: DSC-2-GEO
		Course Title: Geography of Gujarat- Physical
Credits:	04	Course Category: Major

Course Objectives

Number	Objective
Objective 1:	To introduce the location and physiographic features of Gujarat in the context of India.
Objective 2:	To explain the drainage system, climate, and seasons of Gujarat.
Objective 3:	To examine the importance of forest resources and forest-based industries in Gujarat.
Objective 4:	To create awareness about conservation of natural resources and biodiversity.
Objective 5:	
Objective 6:	

Course Outcomes: On successful completion of the course, the learner will be able to

CO#	COGNITIVE ABILITIES	COURSE OUTCOMES
CO1	REMEMBERING	Recall the location, physiography, and geological base of Gujarat.
CO2	UNDERSTANDING	Explain the drainage pattern, climate, and seasonal characteristics of Gujarat.
CO3	APPLYING	Identify and classify rocks, minerals, and natural resources of Gujarat.
CO4	ANALYSING	Analyze the distribution of soil, vegetation, and water resources.
CO5	EVALUATING	Evaluate the role of forest resources and their economic importance.
CO6	CREATING	

Course Contents:

Unit No.	Unit Contents	Sessions Allotted
1	Gujarat in the context of India, Location and physiographic divisions: Location, area, neighbouring States, Country, Major physiographic divisions, geological base in brief.	15
2	Drainage pattern: Major rivers and other water bodies, Sardar Sarovar Project, Climate and seasons of Gujarat, factors affecting climate.	15
3	Types of rocks, Types and distribution of minerals: coal, oil & natural gas resources, non-metallic and non-fuel resources – Limestone, Fluorspar, Metallic resources.	15
4	Types and distribution of Soil, water and natural vegetation (types of forests), forest as a resource and forest based industries in Gujarat, conservation of forest, major national parks in Gujarat: Gir National Park in detail.	15

REFERENCES:

- 1) Dikshit, K.R. Geography of Gujarat, National Book Trust, New Delhi
 - 2) Dave Manjula, Gujaratni Pradeshik Ane Arthik Bhugol, University Granth Nirman Board, Ahmedabad
 - 3) Kothari, Nitin: Aadhunik Bharatni Bhugol, Parshwa Publication, Ahmedabad
 - 4) Census of India: Gujarat Nakshama, University Granth Nirman Board, Ahmedabad.
 - 5) Gujarat Vishwakosh Trust: Gujarat (in Gujarati)
 - 6) Census of India: Gujarat Part- II – A&B General census table.
 - 7) Bureau of Economics and Statistics (1965): Handbook of Basic Statistics, Government of Gujarat
 - 8) Directorate of Information: Government of Gujarat
 - 9) Directorate of Agriculture: Ahmedabad Statistics of Principal Crops in Gujarat state
- E Resources:1. <https://ncert.nic.in>
2. <https://www.gsi.gov.in>