Lecture Plan				
Name of the college: Government College of Arts, Science and Commerce Sanquelim Goa				
Subject: Geography (GEP-PROJECT)- SPATIAL DYNAMICS OF SETTLEMENT DISTRIBUTION AND TRANSPORT NETWORK EFFICIENCY: A STUDY ON ROUTE DENSITY, ACCESSIBILITY AND STRUCTURAL ORGANIZATION SATTARI TALUKA Name of Faculty: Dr Arati Panshekar				
Paper code: GEP	Program: TYBA	Division: -		
Academic year: 2024 - 2025	Semester: VI	Total Lectures: 30		
Course Objectives: 1. To examine the spatial distribution and dynamics of settlements in Sattari Taluka with a focus on understanding the factors influencing settlement patterns and their relationship.				

Course Objectives: 1. To examine the spatial distribution and dynamics of settlements in Sattari Taluka with a focus on understanding the factors influencing settlement patterns and their relationship with natural and socio-economic environments.

2. To evaluate the efficiency of the transport network in Sattari Taluka by analyzing route density, accessibility, and structural organization, and to assess its role in enhancing regional connectivity and development.

Expected Course Outcome: 1. Students will be able to analyze the spatial distribution and dynamics of settlements in Sattari Taluka, identifying key factors influencing settlement patterns and their implications for regional planning and development.

2. Students will develop skills to assess the efficiency of transport networks by evaluating route density, accessibility, and structural organization, enabling them to propose strategies for improving connectivity and optimizing transport infrastructure.

Student Learning Outcome: 1. Students will demonstrate the ability to interpret spatial patterns of settlements using geographic tools and techniques, applying critical thinking to evaluate the relationship between settlements and their environmental and socio-economic contexts.

2. Students will effectively analyze transport network efficiency by utilizing spatial data and metrics such as route density and accessibility, showcasing their ability to suggest practical improvements for regional connectivity and development planning.

Month	Lecture From	Lecture To	No. of lectures allotted	Topic, Subtopic to be covered	Exercise/ Assignment		ICT Tools	Reference books
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			Working Paper. Institute of Spatial Planning, University of Dortmund.

* Assessment Rubrics

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