

**Lecture Plan**  
**Department of Planning,**  
**School of Planning and Architecture, Vijayawada**

**Name of Course:** Population and Settlement Geography (PLN123)

**Programme & Sem:** Bachelor of Planning (UG), Semester Two  
**Course Duration:** Jan, 2024 to May, 2024

**Course Coordinator:** J M Bhagwat, Assistant Prof., Dept. of Planning (bjayesh@spav.ac.in)  
**Number of Credits:** 03  
**Subject Category:** TC

**Total Periods/Week:** 03  
**Internal Assessment:** 50 (minimum pass marks 40%)  
**End Evaluation:** 50 (minimum pass marks 40%) – Written Exam.  
**Total Marks:** 100 (to be converted to CGPA credit pattern as per regulations)

**Subject Objective:** To develop proficiency in applying techniques of analysis in planning exercises

Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode	References / Suggested Readings
Week 1	Unit I Nature and Scope of Demography  Definition of demography, need for demographic studies; Evolution of population study; Contribution of Malthus; Demographic variables - fertility, mortality;	Lecture	<a href="https://ncert.nic.in/textbook/pdf/esy102.pdf">https://ncert.nic.in/textbook/pdf/esy102.pdf</a>
Week 2	Unit I Nature and Scope of Demography  Types, trends, biological and social factors, measures of fertility, crude birth rate; Migration - types, trends, causes and consequences of migration, theories of migration, demographic transition.	Lecture	<a href="https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2781829/">https://www.ncbi.nlm.nih.gov/pmc/articles/PMC2781829/</a>
Week 3	Unit II Demographic Analysis  Basics of population studies, source of demographic data, population structure and composition – age sex composition, sex ratio, dependency ratio, child-woman ratio;	Lecture	<a href="https://censusindia.gov.in/">https://censusindia.gov.in/</a>
Week 4	Unit II Demographic Analysis  Measures of age–sex structure, age–sex pyramid.	Lecture	<a href="https://bhattadevuniversity.ac.in/docs/studyMaterial/Lonkham_Baruah/Lonkham%20Baruah_Geography_UG%20II%20Sem(HC)_Age-sex%20Structure.pdf">https://bhattadevuniversity.ac.in/docs/studyMaterial/Lonkham_Baruah/Lonkham%20Baruah_Geography_UG%20II%20Sem(HC)_Age-sex%20Structure.pdf</a>
Week 5 & 6	Field Visits (Planning Studios)		
Week 7	Unit III Population Projection Models	Lecture	<a href="https://www.nepjol.info/index.php/jpd/article/download/33104/26">https://www.nepjol.info/index.php/jpd/article/download/33104/26</a>

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Week	Lecture / Session Topic (Teaching-Learning Objective aimed)	Session Mode	References / Suggested Readings
	Population projection methods; Population composition, marital status, caste, religion, educational background and occupation		<a href="#">063/96845</a>
Week 8	Mid-Semester Examinations		
Week 9	Unit III Population Projection Models  Life table techniques; Basic Cohorts survival model, inter regional Cohorts survival model.	Lecture	<a href="https://www.sjsu.edu/faculty/watkins/cohort.htm#:~:text=The%20Cohort%20Survival%20Projection%20Method%20is%20a%20simple%20method%20for,it%20involves%20five%20year%20steps.">https://www.sjsu.edu/faculty/watkins/cohort.htm#:~:text=The%20Cohort%20Survival%20Projection%20Method%20is%20a%20simple%20method%20for,it%20involves%20five%20year%20steps.</a>
Week 10	Internal Assessment – III		
Week 11	Unit IV Study of Settlement Geography  Need for the study of settlement geography; Definition of settlement; Settlement morphology, theories of settlement systems, ranking of towns;	Lecture	<a href="https://doi.org/10.1177/004209801987379">https://doi.org/10.1177/004209801987379</a>
Week 12	Unit IV Study of Settlement Geography  Settlements in regional context; Spatial models of location, size and spacing of settlements; gravity model.	Lecture	<a href="https://www.snggdcg.ac.in/pdf/study-material/geography/Delineation-of-Functional-Region-1.pdf">https://www.snggdcg.ac.in/pdf/study-material/geography/Delineation-of-Functional-Region-1.pdf</a>
Week 13	Unit V Regional and Urban Settlements  Types of regions, delineation of regions, city region, structure of city region, area of influence and dominance, shadow regions, trickledown effect, rural-urban fringe and its structure and growth;	Lecture	<a href="https://www.snggdcg.ac.in/pdf/study-material/geography/Delineation-of-Functional-Region-1.pdf">https://www.snggdcg.ac.in/pdf/study-material/geography/Delineation-of-Functional-Region-1.pdf</a>
Week 14	Unit V Regional and Urban Settlements  City structure, theories of urban structure, classification of land uses in an urban area;	Lecture	<a href="https://mohua.gov.in/upload/uplo adfiles/files/URDPFI%20Guidelines%20Vol%20I.pdf">https://mohua.gov.in/upload/uplo adfiles/files/URDPFI%20Guidelines%20Vol%20I.pdf</a>
Week 15	Unit V Regional and Urban Settlements  Analysis of location, structure and models of growth patterns of CBD, industrial areas and residential areas; Intra-urban and inter-urban inequalities.	Lecture	<a href="https://www.igi-global.com/dictionary/location-analysis/17388">https://www.igi-global.com/dictionary/location-analysis/17388</a>

**Note:**

1. Any other closed holidays as declared by SPAV shall supersede the above lecture plan. Holidays shown above may alter as per Notice from time to time.
2. Assessment Sessions may be re-scheduled, with prior intimation.

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3. The reading lists provided are not exhaustive and is subject to addition – students are advised to follow the progression of class to keep abreast of the new reading lists, if any.