

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

Name of Course: Planning Techniques (PLN212)

Programme & Sem: **Bachelor of Planning (UG), Semester Three**
 Course Duration: July 14,2023 to November 23,2023
 Course Coordinator: Prasanth Vardhan P, Dr., Assistant Prof., Dept. of Planning (prasanth@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 (starting July 17)	Data, Aggregation, Level of Measurement, Data Analysis.	Lecture	1. Census of India, 'Catalogue Census Products Released' & 'Data Summary'. Office of the Registrar General, India. 2009; 2011. (CATALOGUE)
Week 2 (starting July 24)	Population and Models Parameters for Study of Population Characteristics		
Week 3 (starting July 31)	Techniques of Population Projections: Population Accounting	Lecture Lecture	2. MoPR, Rural Area Development Plan Formulation and Implementation Guidelines, 2021. Government of India. (GUIDELINES)
Week 4 (starting August 07)	Employment Analysis Employment mobility and analysis of distribution	Lecture	
Week 5 (starting August 14)	Internal Assignment – 1 Employment Analysis Basic and Secondary Employment; Multiplier Analysis	Lecture	3. Ministry of Urban Development & Town and Country Planning Organisation. 'Urban and Regional Development Plans Formulation and Implementation (URDPFI) Guidelines'. Volume-1. 2015. (GUIDELINES) 4. Wang, X. & Hofe, Rainer, V., 'Research Methods in Urban and Regional Planning'. Springer. 2007. (Chap 3,4 &5) (BOOK) 5. Sharma, Rajendra, K., 'Demography and Population Problems'. Atlantic Publishing House. 2004. (BOOK)
Week 6 & 7 (Starting August 21, 28)	Field Visits (Planning Studios)		
Week 8 (starting September 04)	Input-Output Analysis Multi-sector input-output modelling; Formulation of contingency tables	Lecture	6. Wang, X. & Hofe, Rainer, V., 'Research Methods in Urban and Regional Planning'. Springer. 2007. (Chap 3,4 &5) (BOOK)
Week 9 (starting September 11)	Mid Semester Examinations for Odd Semester of A.Y.2023-24		
Week 10 (starting September 18)	Input and Output factor analysis		Reference 6.0
Week 11 (starting September 25)	Cost-Benefit Analysis Identification of direct and indirect		7. Sachitanandan, A.N., 'Reading Material on Project Formulation and

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	costs and benefits		Appraisal'. IPTI. 2004. (READING MATERIAL) 8. Wang, X. & Hofe, Rainer, V., 'Research Methods in Urban and Regional Planning'. Springer. 2007.
Week 12 & 13 (starting October 02)	Social costs and benefits Present value, future worth	Lecture	
Week 14 & 15 (starting October 16)	Discount and compound factors using formulas and standard tables; Introduction to SWOT	Lecture	
Week 16 (starting October 30)	Internal Assessment - III		
Week 17 (starting November 06)	Delineation Techniques Gravity Model	Lecture	9. Ministry of Urban Development & Town and Country Planning Organisation. 'Urban and Regional Development Plans Formulation and Implementation (URDPFI) Guidelines'. Volume-1. 2015. (GUIDELINES)
Week 18 (starting November 13)	Centographic Technique Distance functions	Lecture	

Note:

1. Any other closed holidays as declared by SPAV shall supercede 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.
3. Reading lists provided is not exhaustive and is subject to addition – students are advised to follow progression of class to keep abreast of the new reading lists, if any.