

KU2DSCECO108: DEMOGRAPHY

Semester	Course Type	Course Level	Course Code	Credits	Total Hours
II	DSC-Minor	100-199	KU2DSCECO108	4	60

Learning Approach (Hours/ Week)			Marks Distribution			Duration of ESE (Hours)
Lecture	Practical/ Internship	Tutorial	CE	ESE	Total	
4	0	0	30	70	100	2

Course Description: *This course provides students with a comprehensive understanding of demography's scope and significance; emphasizing its nexus with economic dynamics. It covers key demographic theories and their connection to key population measures like fertility, mortality, migration, and urbanization. Through quantitative analysis, students learn to articulate economic perspectives on demographic phenomena, with a focus on navigating diverse demographic data sources, particularly pertaining to India.*

Course Prerequisite: NIL

Course Outcomes:

CO No.	Expected Outcome	Learning Domains
1	Understand the core concepts and theories of demography.	R, U
2	Understand population data using various sources and techniques	R, U
3	Assess the impact of demographic factors on development and policy.	R, U
4	Apply demographic knowledge to the context of India and its population challenges.	R, U, A
5	Describe the necessity, objectives, and categories of population strategies.	R, U

***Remember (R), Understand (U), Apply (A), Analyse (An), Evaluate (E), Create (C)**

Mapping of Course Outcomes to PSOs

COs	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PSO 7
CO 1	✓			✓			
CO 2		✓			✓		
CO 3			✓				✓
CO 4			✓			✓	
CO 5	✓			✓			

COURSE CONTENTS

Contents for Classroom Transaction:

MODULE	UNIT	DESCRIPTION	HOURS
1	FOUNDATIONS OF DEMOGRAPHY		12
	1	Meaning and Scope of Demography	2
		a) Definition, branches, and applications of demography	
	2	Components of Population Growth	3
		a) Birth rates, death rates, migration, and natural increase.	
	3	Sources of Population Data	3
		a) Population censuses, vital registration systems, sample surveys, and other sources.	
	4	Population and Development	2
		a) Interrelationships between population, economic growth, and social development.	
	5	Malthusian Theory of Population	2
	a) Population growth, resource limitations, and potential consequences.		

2	POPULATION DYNAMICS		12
	1	Fertility	2
		a) Concepts, measures (crude birth rate, total fertility rate) b) factors affecting fertility (socioeconomic, cultural, policy).	
	2	Mortality	3
		a) Concepts, measures (crude death rate, life expectancy), b) Factors affecting mortality (socioeconomic, health, environmental)	
	3	Life Tables	3
		a) Construction and interpretation of life tables	
	4	Migration	2
		a) Meaning, types (internal, international), causes and effects of migration (economic, political, social).	
	5	Everett Lee Theory	2
a) Population aging and its implications for social and economic systems.			
3	POPULATION ISSUES AND POLICY IN INDIA		13
	1	Urbanization	3
		a) Trends, causes, and consequences of urbanization in India.	
	2	New Population Policy in India	3
		a) Objectives, strategies, and challenges of the policy.	
	3	Family Planning Strategies in India	3
		a) Government programs, methods, and their effectiveness.	
	4	Aging of Population in India	4
		a) Demographic trends, social and economic implications, and policy responses.	
	4	POPULATION PROJECTIONS AND FUTURE TRENDS	

FYUGP ECONOMICS

	1	Methods of Population Projection	3
		a) Cohort component method, other methods, and their limitations.	
	2	Trends in the Rate of Growth of Indian Population	3
		a) Analysing past and projected trends, understanding future challenges.	
	3	Emerging Issues in Demography	3
	a) Environmental concerns, climate change, and their demographic impacts.		
4	Demographic Research and Policy Applications	2	
	a) Importance of demographic research, informing policy decisions.		
5	Critical Thinking and Debate	2	
	a) Discuss the ethical considerations and potential biases in demographic research and policy.		
5	TEACHER SPECIFIC MODULE		10
	Direction: <i>Works based on Census Data Base</i>		-
	<i>The module is to be designed as activity or work based preferably taking census as data base. Population dynamics may be better understood from the census data. The teacher may design works on any topics in the syllabus or outside based on the level of the course so as to make the learning experience of the course better.</i>		10

Essential Readings:

1. K. Srinivsan: Basic Demographic Techniques and Applications - Sage, New Delhi.
2. D.J. Bogue: Principles of Demography - John Wiley, New York.
3. S.N. Agarwal: India's Population Problem - Tata McGraw-Hill Co. Bombay.
4. Bhende, A. and T. Kanitkar *Principles of Population Studies*, Himalaya Publishing House, Mumbai.
5. [Jennifer Hikes Lundquist](#) & [Douglas L. Anderton](#) & [David Yaukey](#): Demography :The Study of Human Population Waveland Press, New York
6. Population and society: An introduction to Demography: Dudley I. Poston, Leon f. Bouvier, Cambridge University Press, New York

7. Everett S. Lee A Theory of Migration, : Demography, Vol. 3, No. 1 (1966),
Population Association of America

Reference Distribution:

Module	Unit	Reference No.	Remarks
1	1	Essential Reading 1,2 5 and 6	-
	2	Essential Reading 5 and 6	-
	3	Essential Reading 3,4,5 and 6	-
	4	Essential Reading 2 and 4	-
	5	Essential Reading 4 and 5	-
2	1	Essential Reading 3,4 and 6	-
	2	Essential Reading 3,4 and 6	-
	3	Essential Reading 5	-
	4	Essential Reading 3,4 and 6	-
	5	Essential Reading 7	-
3	1	Essential Reading 3 and 5	-
	2	Essential Reading 3 and 4	-
	3	Essential Reading 3 and 4	-
	4	Essential Reading 3 and 4	-
4	1	Essential Reading 4 and 5	-
	2	Essential Reading 3 and 4	-
	3	Essential Reading 1 and 2	-
	4	Essential Reading 1 and 2	-
	5	Essential Reading 5 and 6	-
5	-	Census Commissioner of India, Census Data	Preferably

Suggested Readings:

1. Weeks, John R. *Population: An Introduction to Concepts and Issues*, Wadsworth Publishing Company, California.
2. Chandana, R. C. *Geography of Population: Concepts, Determinants and Patterns*, Kalyani Publishers, New Delhi
3. Yadava, K. N. S. *Rural-Urban Migration in India: Determinants, Patterns and Consequences*, Independent Publishing Company, Delhi.
4. Irudaya Rajan, (2007) *Social Security for the Elderly Experiences from South Asia*, Routledge, New Delhi.
5. Rajendra Kumar Sharma, *Demography and Population Problems*, Atlantic Publishers, Delhi.
6. B N Ghosh, *Studies in Population and Economic Development Vol.1&II Deep and Deep Publication*
7. Jhingan, Bhat& Desai, *Demography*, Vrinda Publications, Delhi.
8. Hans Raj of *Demography – Surjeet Publication*, Delhi.
9. Registrar General of India *Census Publications*
10. *National Family Health Surveys Reports*

Assessment Rubrics:

Evaluation Type		Marks
End Semester Evaluation		70
Continuous Evaluation		30
a)	Test Paper- 1	6
b)	Test Paper-2	6
c)	Assignment	9
d)	Seminar/Debate	5
e)	Book/ Article Review	-
f)	Viva-Voce/Quiz	4
g)	Field Report	-
Total		100