



University of Kerala

Discipline	ECONOMICS				
Course Code	UK3DSCECO202				
Course Title	ECONOMIC DEMOGRAPHY				
Type of Course	DSC				
Semester	III				
Academic Level	200 - 299				
Course Details	Credit	Lecture per week	Tutorial per week	Practical per week	Total Hours/Week
	4	4 hours	-	-	4
Pre-requisites	An understanding of key concepts in Economics and Demography				
Course Summary	The course on “Economic Demography” provides an understanding of the determinants of population change and the effect of population growth on the economic development of an economy. The course also provides students with an understanding of the current population scenario of India.				



Detailed Syllabus:

Module	Unit	Contents	Hours
I	Introduction to Economic Demography	Nature, scope, and importance of economic demography- Impact of population growth on economic development- Sources of demographic data: Census, sample survey- vital statistics- registration system- Population projection: Meaning-its importance in economy	10 Hrs
II	Population Dynamics	Determinants of population growth: fertility, mortality, and migration- Fertility: meaning and concepts, ASBR, TFR, GFR, GRR, NRR- Factors affecting fertility	15 Hrs
		Mortality: CDR, ASDR, IMR, MMR, CSDR, child mortality rate, NNMR- Factors affecting Mortality –Age pyramid and demographic dividend- The consequences of age structure on economic development-Life tables: Types	
		Nuptiality: Meaning-CMR-GMR-ASMR-SMAM	
		Migration – meaning, types and importance – emigration-immigration – internal migration- Factors affecting migration (push and pull factors)	
		Urbanization: meaning - causes and effects.	
III	Theories of Population	Malthusian Theory- Theory of Demographic Transition - Optimum Theory of population.	10 Hrs
IV	Demographic Data Base of India	India’s population structure – Important Features of Census of India: 2001 & 2011 and Introduction on NFHS data, National Population Policy 2000- India’s age structure and its effects on economic development- Problem of aging: its causes and consequences.	15 Hrs
V	An analytical study	A study on current demographic scenario of India and states may be conducted. An analytical and comparative study can be conducted based on India’s population data for various years.	10 Hrs

Reading List:

1. Bhende A.A. and Tara Kaniitkar (2019)- ‘Principles of Population Studies’- Himalaya Publishing House, Bombay
2. Bouge, D.J. (1969) – ‘Principles of Demography’, John Wiley, New York
3. India, Government of, National Population Policy 2000, New Delhi: Dept. of Family Welfare
4. Oberi, A S et al, (1989), Determinants and Consequences of internal migration in India – Delhi Oxford University Press.
5. United Nations, Determinants and consequences of population trends – New York United Nations
6. <https://censusindia.gov.in/>
7. <https://main.mohfw.gov.in/>
8. Harris, John R. & Todaro, Michael P. (1970), "Migration, Unemployment and Development: A Two-Sector Analysis", *American Economic Review*, **60** (1): 126–142,
9. <http://www.ed.lu.se/>



10. Birdsall, N., A.C. Kelley, and S. Sinding (eds.). 2001. *Demography matters: Population change, economic growth and poverty in the developing world*. Oxford: Oxford University Press.

11. Bloom, D.E., and J.G. Williamson. 1998. Demographic transitions and economic miracles in emerging Asia. *World Bank Economic Review* 12: 419–455.

12. Bloom, D.E., D. Canning, and P. Malaney. 2000. Demographic change and economic growth in Asia. *Population and Development Review* 26: 257–1990.

13. Coale, A.J., and E.M. Hoover. 1958. *Population growth and economic development in lowincome countries*. Princeton: Princeton University Press.

14. Kelley, A.C. 1988. Economic consequences of population change in the Third World. *Journal of Economic Literature* 26: 1685–1728.

15. Kuznets, S. 1960. Population change and aggregate output. In *Demographic and economic change in developed countries*, National Bureau of Economic Research. Princeton: Princeton University Press.

16. Armichael, G. A. (2016). *Fundamentals of demographic analysis: Concepts, measures and methods*. Springer.

17. John R. Weeks. 2015. *Population* (12 th Edition). Belmont, CA: Wadsworth, Thompson Learning, Inc.

18. John Bongaarts. 2004. Population Aging and the Rising Cost of Public Pensions. *Population and Development Review*, 30:1-23.

Course Outcomes

No.	Upon completion of the course the graduate will be able to	Cognitive Level	PSO addressed
CO-1	Familiar with basic concepts and sources of data in demography	U,R	PSO 1
CO-2	Evaluate the determinants of population growth	R, U, Ap, An, E	PSO 3
CO-3	Grasp a clear understanding of the interrelationship between demography and the process of economic development	R, U, Ap, An	PSO 2
CO-4	Evaluate current demographic scenario of India and identify its implications on India’s economic development	R, U, Ap, An, E, C	PSO 3
CO-5	Suggest measures to resolve problems of migration and urbanization.	R, U, Ap, An, E, C	PSO 3, PSO2



R-Remember, U-Understand, Ap-Apply, An-Analyse, E-Evaluate, C-Create

Note: 1 or 2 COs/module

Name of the Course: Credits: 4:0:0 (Lecture:Tutorial:Practical)

CO No	CO	PO/PSO	Cognitive Level	Knowledge Category	Lecture (L)/Tutorial (T)	Practical (P)
CO 1	Familiar with basic concepts and sources of data in Demography	PSO 1	U,R	F,C	L	
CO 2	Evaluate the determinants of population growth	PSO 3	R, U, Ap, An, E	P	L	
CO 3	Grasp a clear understanding of the interrelationship between demography and the process of economic development	PSO 2	R, U, Ap, An	F	L	
CO 4	Evaluate current demographic scenario of India and identify its implications on India's economic development	PSO 3	R, U, Ap, An, E, C	F	L	
CO 5	Suggest measures to resolve problems of migration and urbanization.	PSO 3, PSO2	R, U, Ap, An, E, C	F	L	

F-Factual, C- Conceptual, P-Procedural, M-Meta cognitive

Mapping of COs with PSOs and POs:

CO No.	PSO 1	PSO 2	PSO 3	PSO 4	PSO 5	PSO 6	PO 1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	Average
CO-1	3	-	2	-	-	-	3	2	-	-	-	2	-	1	2.167
CO-2	-	-	3	-	-	-	3	3	1	-	-	2	-	1	2.167
CO-3	-	3	-	-	-	-	3	3	2	-	-	2	-	2	2.5
CO-4	-	-	3	-	-	-	3	3	2	2	-	3	1	2	2.375
CO-5	-	3	3	-	-	1	3	3	3	2	2	3	2	3	2.545
Average	0	3	3	0	0	1	3	3	2	2	2	2.5	1.5	2	

Correlation Levels:

-	Nil
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1	Slightly/Low
2	Moderate/Medium
3	Substantial/High

Assessment Rubrics:

- Quiz / Assignment/ Quiz/ Discussion / Seminar
- Midterm Exam
- Programming Assignments
- Final Exam

Mapping of COs to Assessment Rubrics :

CO No.	Internal Exam	Assignment	Project Evaluation	End Semester Exam
CO-1	✓	✓	-	✓
CO-2	✓	✓	-	✓
CO-3	✓	✓	✓	✓
CO-4	✓	✓	✓	✓
CO-5	✓	✓	✓	✓

