Gyanmanjari Innovative University

Course Syllabus
Gyanmanjari Institute of Arts
Semester-3 (BA)

Subject: Demography-BATEC13310

Type of course: Major

Prerequisite: Basic understanding of economic and social factors

Rationale:

This syllabus provides a comprehensive understanding of demographic principles, population trends, and their impact on economic and social development. It covers key theories, data sources in India, and demographic measurements to equip students with analytical skills for interpreting population dynamics. By studying these concepts, students will be prepared for roles in research, policy analysis, and development planning.

Teaching and Examination Scheme:

Teaching Scheme			Credits	Examination Marks			Total Marks
					CCE		
CI	T	P	C	SEE	MSE	ALA	
4	0	0	4	100	30	70	200

Legends: CI-Classroom Instructions; T – Tutorial; P - Practical; C – Credit; SEE - Semester End Evaluation; MSE- Mid Semester Examination; V – Viva; CCE-Continuous and Comprehensive Evaluation; ALA- Active Learning Activities.

4 Credits 25 Marks = 100 Marks (each credit carries 25 Marks)
SEE 100 Marks will be converted in to 50 Marks
CCE 100 Marks will be converted in to 50 Marks
It is compulsory to pass in each individual component.

GYANMANJARI INNOVATIVE UNIVERSITY BHAVNAGAR

Course Content:

Sr. No	Course content	Hrs.	% Weightage
1	**Introduction to Demography** • Definitions of Demography • Scope of Demography • Significance of Demography • Demography and other topics	15	25 %
2	**Principles of Population** • Relationship between population and economic development • Thomas Malthus' Theory of Population • Theory of Preferred Population • Theory of Population Transition	15	25 %
3	**Sources of Demographic Information in India** • Census (Emergence, Highlights of Census 2011, Evaluation) • Civil Registration System (Main Provisions, Procedure, Importance, Recent Amendments) • National Family Health Survey (NFHS-4) (Objectives, Key Findings)	15	25 %
4	**Demographic measurements** • Birth Rate (Crude Birth Rate, Standardized Birth Rate, Age Specific Birth Rate) • Death Rate (Crude Death Rate, Cause Specific Death Rate, Standardized Death Rate, Age Specific Death Rate, Child Death Rate) • Fertility (General Fertility Rate, Age Specific Fertility Rate, Total Fertility Rate, Total Per Establishment Rate, Pure Per Establishment Rate, Complete Per Establishment Rate, Standardized Fertility Rate, Pure Fertility Rate) • Life Table • Demographic Dividend	15	25 %

Continuous Assessment:

Sr. No	Active Learning Activities	Marks
1.	**Demographic Data Analysis:** Students will analyze real demographic data from sources like the Census, NFHS, and Civil Registration System. They will interpret trends in birth rates, death rates, and fertility rates and upload their findings to the GMIU Web Portal.	10
2.	**Population Theory Presentation:** Students will have to form groups, Do research and present key population theories (Malthusian Theory, Theory of Preferred Population, and Population Transition Theory) with real-world examples. Presentations will be upload to the GMIU Web Portal.	10
3.	**Field Survey on Population Trends:** Students will conduct a small-scale demographic survey in their community, collect data on birth rates, family size, or migration, and submit a report on the GMIU Web Portal.	10
4.	**Digital India Debate:** Students will engage in a debate on whether Digital India is a benefit or a challenge for the country. They will use economic and social information to support their arguments. The debate summary will be upload to the GMIU Web Portal.	10
5.	**Policy Review and Recommendations:** Students will analyze India's population policies, assess their effectiveness, and propose improvements based on demographic data. They will submit their reports to the GMIU Web Portal.	10
6.	**Life Table and Population Projection:** Students will calculate life expectancy and population projections based on given data, demonstrating how demographic trends impact economic planning. Their findings will be upload to the GMIU Web Portal.	10
7.	**Attendance:**	10
	Total	70

Suggested Specification table with Marks (Theory): 100

Distribution of Theory Marks (Revised Bloom's Taxonomy)						
Level	Remembrance (R)	Understanding (U)	Application (A)	Analyze (N)	Evaluate (E)	Create (C)
Weightage	20%	30%	20%	30%	00	00

Note: This specification table shall be treated as a general guideline for students and teachers. The actual distribution of marks in the question paper may vary slightly from above table

Course Outcome:

After learning the course the students should be able to:	
CO1	Understand the concept of demography, including its definitions, scope, significance, and its relationship with other social and economic topics.
CO2	Analyze key population theories such as Malthus' Theory of Population, the Theory of Preferred Population, and the Theory of Population Transition, and evaluate their implications on economic development.
CO3	Identify and interpret major sources of demographic data in India, including the Census, Civil Registration System, and National Family Health Survey (NFHS), to assess population trends and policy implications.
CO4	Apply demographic measurements such as birth rates, death rates, fertility rates, and life tables to analyze population changes and their socioeconomic effects.

Instructional Method:

The course delivery method will depend upon the requirement of content and the needs of students. The teacher, in addition to conventional teaching methods by black board, may also use any tools such as demonstration, role play, Quiz, brainstorming, MOOCs etc.
From the content 10% topics are suggested for flipped mode instruction.
Students will use supplementary resources such as online videos, NPTEL/SWAYAM videos, e-courses, Virtual Laboratory
The internal evaluation will be done on the basis of Active Learning Assignment
Practical/Viva examination will be conducted at the end of semester for evaluation of performance of students in the laboratory.

Reference Books:

[1]. Bogue, D. J. (1969). Principles of demography. John Wiley & Sons.
[2]. Bhende, A., & Kanitkar, T. (2019). Principles of population studies (7th ed.). Himalaya Publishing House.
[3]. Weeks, J. R. (2020). Population: An introduction to concepts and issues (13th ed.). Cengage Learning.
[4]. Lee, R. D., & Reher, D. S. (Eds.). (2011). Demographic transition and its consequences. National Research Council.
[5]. Dyson, T. (2010). Population and development: The demographic transition. Zed Books.
[6]. Visaria, P., & Visaria, L. (2003). India's population: Aspects of quality and control. Oxford University Press.