M.A. Population Studies (Two Year)

Semester-I 19POSC101 INTRODUCTION TO POPULATION STUDIES

Course Outcomes At the end of the course, the student will be able to CO1: Acquire the knowledge about basic components of population change.

CO2: Understand the growth of population in the globe

CO3: Identify the distribution of population in various regions.

CO4: Demonstrate the population characteristics

CO5: Comprehend the linkages of age and sex structure

Semester-I 19POSC102 Demographic Data Management

Course Outcomes At the end of the course, the student will be able to

CO1: Impart knowledge on sources of population data and its management

CO2: Familiarise the registration system objectives, coverage, uses and limitations

CO3: understand the large-scale demographic surveys and their advantages

CO4: illustrate the evaluation techniques of various source of population data

CO5: analyse he Adjustment and Graduation techniques, uses of life table in adjustment

Semester-I 19POSC103 Mortality and Morbidity

At the end of the course, the student will be able to

CO1: Understand the basic concepts morbidity and level of prevention

CO2: Impart knowledge on mortality concepts and measures of mortality

CO3: Analyses the levels, trends and differentials of mortality

CO4: Familiarize the Infant and Child Mortality: Importance of study; Measures; Perinatal, neo-natal and post-neo-natal mortality rates

CO5: Acquire knowledge on Life Tables: Concepts, definition and columns; Currents and Cohort Life-tables and their relationship

Semester-I 19POSC104 Fertility and Nuptiality

At the end of the course, the student will be able to

CO1: Understand the basic concepts Fertility and importance of fertility studies

CO2: Familiarise the various measures of Fertility and Nuptiality

CO3: Analyses the Factors Affecting Nuptiality and Fertility

CO4: Acquire levels, trends and differentials

CO5: Impart the knowledge on various theories related to Fertility

Semester-II Course Code: 19POSC201 Course Title Population Ecology, Urbanisation and Migration Credits

Course Outcomes At the end of the course, the student will be able to

CO1: Acquire knowledge ecology and eco-system

CO2: Understand the importance of Population Distribution

CO3: Describe Urbanization and its related policies.

CO4: Enlighten the various forms of migration and its impact

CO5: Explore the theories of migration

Semester-II Course Code: 19POSC202 Course Title Demographic Techniques

At the end of the course, the student will be able to

CO1: Acquire the knowledge about Life-table and mortality estimate

CO2: Explore to Estimate the fertility by indirect methods

CO3: Provide the relevant methods of Migration measurements

CO4: Bring an Understanding of Population estimates

CO5: Familiarize the methods of Population projection

Semester-II Course Code: 19POSC203 Course Title Population Economics
Course Outcomes At the end of the course, the student will be able to
CO1: Acquaint the elements of Economics
CO2: Understand the meanings of National Income inequalities and poverty
CO3: Explore the relation between population and food.
CO4: Highlight the population and manpower analysis
CO5: Identify the relationship between population and employment

Semester-II Course Code: 19POSC204 Course Title Statistical Techniques
CO1: Acquaint the elements of Sociology
 CO2: Understand the meanings of stratification and modernisation
CO3: Explore the relation between social institution and social development
CO4: Highlight the social consequences CO5: Identify the role of women in society gender equality

Semester-III Course Code: 19POSC301 Course Title Statistical Techniques
Course Outcomes At the end of the course, the student will be able to
 CO1: Familiarize statistical application in demographic data
CO2: understand the various methods of application of descriptive statistics
CO3: Impart knowledge on probability theory Normal distribution and properties
CO4: understand the correlation and regression method and its application
CO5: Acquire knowledge on test of significance, and Non-Parametric tests and applications

Semester-III Course Code: 19POSC302 Course Title Research Methodology
At the end of the course, the student will be able to
CO1: Understanding the basic concepts of research methodology and formulation of research problems
CO2: Acquire knowledge of research design and sampling and types of sampling
CO3: Understand the method of data collection and scaling techniques
 CO4: Impart knowledge on processing of data with computer and statistical tools
CO5: Familiarised the method of interpretation and report writing, proposal preparation and manuscripts

Semester-III Course Code: 19POSC303 Course Title Health, Nutrition, Communication and Population Education
At the end of the course, the student will be able to
CO1: Acquire basic knowledge of health and public health and its importance
CO2: Understand the nutrition, malnutrition and nutritional feeding programme
CO3: Impart knowledge on health education and agencies involved in the health education programme
 CO4: Familiarize communication techniques and extension programme
CO5: Illustrate scope, need for population education and mass communication

Semester-III Course Code: 19POSC304 Course Title Population and Development Planning
At the end of the course, the student will be able to
CO1: To expose in the basics of development, inter linkages between population
 CO2: Understand the indicators of economic development
CO3: Impart knowledge on population planning as an integral part of overall development planning
CO4: Familiarize on Health services: Primary health care, preventive, curative services and delivery system
CO5: Illustrate Planning for education, employment and manpower

Semester-IV Course Code: 19POSC401 Course Title Population Theories and Policies
At the end of the course, the student will be able to CO1: Acquire knowledge about early views on Population issues
CO2: Understand Malthusian and Neo-Classical theories
CO3: Acquaint knowledge on Modern Population theories
CO4: Familiarize Population policies
 CO5: Highlight India's Population policy

Semester-IV Course Code: 19POSC402 Course Title Population Programmes and Evaluation
At the end of the course, the student will be able to
CO1: Acquire the knowledge about Family Planning Programme
CO2: Understand the organizational structure of family planning at various levels, methods and approaches
CO3: Analyse the levels and trends, of family planning programme
CO4: Bring an understanding of Family Planning Programme evaluation.
CO5: Enlighten the role of National and International Agencies in Family Planning Programme

Semester-IV Course Code: 19POSC403 Course Title Practicals: Techniques of Demographic Analysis
CO1: Understand the construction of life table
CO2: Analyse mortality estimates through techniques
CO3: Explain various methods to estimate fertility by indirect method
CO4: Engage analysis of internal migration through indirect measures
CO5: Describe Population projection under component method and Mathematical Method

Semester-IV Course Code: 19POSC404 Course Title Project and Viva-Voce
Course Outcomes At the end of the course, the student will be able to
CO1: Develop in –depth knowledge of Field study
CO2: Understand the plan and use adequate methods to evaluate a task
CO3: Acquire the capability to present and discuss the conclusions from the findings
CO4: Attain capability to contribute to research

M.A. Population and Development (Five Year) Programme

Semester-I 19IPOSC13 INTRODUCTION TO POPULATION STUDIES
After completion of the course students will be able to:
CO1: Acquire the knowledge about basic components of population change.
CO2: Understand the growth of population of the globe.
CO3: Identify the distribution of population in various regions.
CO4: Demonstrate the population characteristics
CO5: Comprehend the linkages of age and sex structure

Semester-I 19IPOSC14 SOURCES OF POPULATION DATA

After completion of the course students will be able to:
CO1: Acquire the knowledge of sources of population data.
CO2: Impart knowledge on Census
CO3: Discuss the development of Vital Registration System
CO4: Gain knowledge on Secondary sources
CO5: Describe the different Demographic surveys

Semester-I 19IPOSC15 ENVIRONMENTAL STUDIES
After completion of the course students will be able to:
CO1: Impart an understanding the environmental system
CO2: Understand important issues of environmental damage
CO3: Understand the process of resource depletion
CO4: Describe the global climate change.
CO5: Become aware of sustainable development

Semester-I 19IPOSC16 PRINCIPLES OF SOCIOLOGY
After completion of the course students will be able to:
CO1: Acquire the basic knowledge of Sociology
CO2: Describe the Social Institutions
CO3: Recognize society and its culture
CO4: Discuss the issues of status of women
CO5: Analyse the Sociological theories of fertility

Semester II 19IPOSC23 FERTILITY
After completion of the course students will be able to:
CO1. Acquire the basic knowledge about fertility.
CO2. Understand the measures of fertility
CO3. Analyse the levels and trends of fertility in World and differentials in fertility.
CO4. Define the concept of the theories of fertility.

Semester-II 19IPOSC 24 MORTALITY
After completion of the course students will be able to:
CO1. Inculcate the basic knowledge of mortality.
CO2. Understand the measures of mortality.
CO3. Analyse the levels and trends of mortality.
CO4. Explore the differentials in mortality
CO5. Recognize the basic knowledge of life table

Semester-II 19IPOSC25 MIGRATION

After completion of the course students will be able to:
CO1 Impart the knowledge on Migration.
CO2.Provide an Overview of different types of Migration.
CO3. Understand the determinants of migration
CO4.Explore the theories of migration
CO5. Assess the policies of migration

Semester-II 19POSC26 PRINCIPLES OF ECONOMICS
After completion of the course students will be able to:
CO1: Acquaint the concepts and importance of Economics.
CO2: Recognize the Principles and Measures of Economic Development
CO3: Explore the theories of Population related Economic theories.
CO4: Identify and differentiate Human Resource Development.
CO5: Learn the Macroeconomic model of Population growth

Semester-III 19IPOSC33 URBANIZATION AND URBAN PLANNING
After completion of the course students will be able to :
CO1: Demonstrate basic knowledge about urbanization
CO2: Understand the changing pattern in the concept of urbanization.
CO3: Develop to analyse the measures of urbanization.
CO4: Identify the levels and trends of urbanization
CO5: Appreciate the various approaches of urban planning

Semester-III 91IPOSC34 Title POPULATION POLICIES AND PROGRAMMES
After completion of the course students will be able to:
CO1: Acquire the knowledge about Population Policies
CO2: Understand the Evolution of Family planning
CO3: Recognize the Organizational structure, approaches and FP methods.
CO4: Critically evaluate the FP programmes
CO5: Demonstrate the role of different agencies in Family planning programme

Semester-III 19IPOSC35 DEVELOPMENT; THEORY, HISTORY AND POLICY
After completion of the course students will be able to:
CO1: Gain knowledge on the history of India's Social development
CO2: Understand the concept of Under- development and Development
CO3: Discuss the Social policies in development of society
CO4: Apply the theories of development in social change
CO5: Describe the policy and prospectus on future planning

Semester-III 19IPOSC36 COMPUTER AND ITS APPLICATION
After completion of the course students will be able to:
CO1: Acquire the knowledge on history of computers and its devices
CO2: Understanding the operating systems of computer
CO3: Analyse the personal productivity software
CO4: Identify Data communication elements
CO5: Explain the internet introduction

Semester-III 19IPOSC37 POPULATION PSYCHOLOGY
After completion of the course students will be able to:

CO1: Explain the psychological perspectives on value of children
CO2: Understand the theories of motivation
CO3: Discuss the measurement techniques
CO4: Describe the theories of learning
CO5: Prepare themselves for leadership.

Semester-IV 19IPOSC43 POPULATION AND ENVIRONMENT
CO1: Understand the ecology and eco-system.
CO2 Demonstrate the knowledge of population distribution.
CO3: Cultivate the appreciation of uses of the Environment.
CO4: Recognize the environmental crisis
CO5: Acquire enhanced awareness about ecological imbalance.

Semester-IV 19IPOSC44 HEALTH EDUCATION AND NUTIRITION
After completion of the course students will be able to:
CO2. Understand the hygienic practices.
CO3.Provide an overview about nutrition.
CO4. Recognize the various nutrition programs.
CO5. Demonstrate the knowledge of health education

Semester-IV 91lPOSC45 POPULATION   AND DEVELOPEMNT PLANNING
After completion of the course students will be able to:
CO1. Acquire knowledge on basic concepts and development
CO2 Describe the consequences of population growth on national income
CO3. Recognize the different types planning.
CO 4. Explore Population growth with food production and supply
CO5.Enlighten the planning for Socio-Economic development

Semester-IV 91IPOSC46 EVALUATION AND ADJUSTMENT OF POPULATION DATA
After completion of the course students will be able to:
CO1. Acquire knowledge on evaluation of demographic data
CO2.understanfd the factors affecting completes of census data
CO3. Acquaint to learn the completeness of statistical registration
CO4. Assess the measurement of errors in age reporting.
CO5. Interpret the adjustment and graduation of data.

Semester-IV 19IPOSA47 DIMENSION OF RURAL DEVELOPMENT
After completion of the course students will be able to:
CO1: Describe the history of Rural development and its impact
CO2: Recognize poverty and its impact in rural India
CO3: Explain the principles of rural development planning.
CO4: Analyse the empowerment of rural masses
CO5: Discuss the concept PRA in rural development.

Semester-V 91POSC51 POPULATION GEOGRAPHY
After completion of the course students will be able to:
CO1: Understand the importance of Geographical factors
CO2: Critically analyse the geographical approaches
CO3: Recognize the Physical division of India
CO4: Discuss the theoretical perspectives in geography
CO5: Relate the concept of social space

Semester-V 91POSC52 POPULATION ESTIMATES AND PROJECTIONS
After completion of the course students will be able to:
CO1: Demonstrate the knowledge of population growth and measurement
CO2: Describe Population estimates
CO3: Explain the mathematical methods
CO4: Identify Component Method for population projection
CO5: Comprehend the linkages of Ratio method and specific projections.

Semester-V 91IPOSC53 POPULATION THEORIES
After completion of the course students will be able to:
CO1: Understand the Pre-Malthusian and ancient thought on population
CO2: Demonstrate Malthusian and Neo-Classical theories.
CO3: Understand the Socio-economic theories
CO4: Explore the theory of Demographic Transition
CO5: Enlighten modern theories.

Semester-V 91IPOSC54 BASIC STATISTICAL METHODS
After completion of the course students will be able to:
CO1: Explain the introduction to Statistics
CO2: Understand to compute the measures of Central tendency and Dispersion
CO3: Find out the relevance of probability and distribution
CO4: Classify sampling and Test of significance
CO5: Work out analysis of variance, Correlation and Regression

Semester-V 91IPOSC55 POPULATION EDUCATION AND COMMUNICATION
After completion of the course students will be able to:
CO1: Acquire the knowledge of elements in communication process
CO2: Understand the various communication approaches
CO3: Describe the communication and social changes
CO4: Acquire the knowledge of Population education
CO5: Understand the importance of Population Education in extension programmes.

Semester-V 91IPOSC56 PRACTICAL I

After completion of the course students will be able to:
CO1: Acquire the knowledge of elements in communication process
CO2: Understand the various communication approaches
CO3: Describe the communication and social changes
CO4: Acquire the knowledge of Population education
CO5: Understand the importance of Population Education in extension programmes.

Semester-VI 91IPOS61 STATISTICAL APPLICATIONS
After completion of the course students will be able to:
CO1: Acquire the knowledge of software and its related advantages to demography.
CO2: Demonstrate to apply the large-scale data with SPSS-facilities
CO3: Interpretate the results through Correlation and regression analysis.
CO4: Understand the Survey analysis
CO5: Demonstrate basic functions of GIS and illustration

Semester VI 91IPOPC62 REPRODUCTIVE AND CHILD HEALTH

After completion of the course students will be able to:
CO1: Acquire the knowledge about human reproduction and reproductive health.
CO2: Understand the gynaecological problems.
CO3: Identify the Sexual Transmitted Diseases.
CO4: Understand the reproductive
health programmes and management.
CO5: Demonstrate RCH programmes and research studies

Semester-VI 91IPOSC63 DEMOGRAPHIC MODELS
After completion of the course students will be able to:
CO1. Acquire the knowledge about Life-table and its types.
CO2. Understand the steps to compute the intrinsic rate of natural increase.
CO3.Explore to Estimate the fertility by indirect methods
CO4.Explore the Indirect Methods of Estimating Mortality.
CO5. Provide the relevant method of Migration estimation.

Semester-VI 91IPOSC64 DATABASE MANAGEMENT AND ANALYSIS USING SPSS
CO1: Acquire the knowledge of SPSS main menus and functions
CO2: Create the data files in SPSS.
CO3: Bring an understanding to Edit data
CO4: Understand the data transformation
CO5: Analyse the data and interpretate.

Semester-VI 91IPOSC65 COMMUNIRTY OUT REACH ACTIVITY
After completion of the course students will be able to:
CO1.Understand the life status of the rural community
CO2. Design and conduct survey
CO3. Discuss the conclusions from the findings

Semester-VI Course Code: APOP51C66 Course Title VALUE EDUCATION
CO1: Acquire knowledge on importance of value education.
CO2: Recognize conscientiousness and conscience.
CO3: Interpretate human freedom and moral responsibility
CO4: Engage on comparison of value of life and human beings
CO5: Show an appreciation of the relevance of ethics.

Semester- VII 19IPOSC71: RESEARCH METHODOLOGY
Course Outcomes
At the end of the course, the student will be able to
CO1: Acquire the knowledge of scientific research.
CO2: Understand research design and sampling techniques
CO3: Recognize data collection and scaling techniques
CO4: Identify the methods of processing and analysis.
CO5: Explore the knowledge of interpretation and report preparation.

Semester-VII 19IPOSC72: ENVIRONMENTAL MANAGEMENT
Course Outcomes
At the end of the course, the student will be able to
CO1: Acquire the knowledge of ecology
CO2: Recognize the environmental hazards

CO3: Understand the management of resources
CO4: Enlighten the approaches of environmental management
CO5: Provide an overview of the environmental policy

Semester- VII 19IPOSC73: DEMOGRAPHY OF AGEING
At the end of the course, the student will be able to
CO1: Acquire the basic knowledge of basic aspects of ageing
O2: Understand the social aspects of ageing
CO3: Enlighten the economic aspects of ageing
CO4: Highlights the health aspects of ageing
CO5: Provide an overview of the policies and programmes for ageing

Semester- VII 19IPOSC74: PRINCIPLES OF PUBLIC HEALTH
Course Outcomes
At the end of the course, the student will be able to
CO1: Impart the knowledge about the mortality and health transitions
CO2: Understand the theories of mortality and child survival framework
CO3: Acquaint the knowledge about the causes of death
CO4: Bring an understanding about the morbidity and disease burden
CO5: Explore the concept public health and Epidemiology

ELECTIVE COURSE
Semester- VIII 19IPOSC81: BUSINESS DEMOGRAPHY
Course Outcomes
At the end of the course, the student will be able to
CO1: Able to get the knowledge of population dynamics and business studies
CO2: Provide an overview of demographic data base with relevance on marketing.
CO3: Familiarize business organizations and its functions
CO4: Bring an understanding about market analysis
CO5: Highlight the marketing research process.

Semester- VIII
19IPOSC81: HUMAN RESOURCE MANAGEMENT AND DEVELOPMENT
Course Outcomes
At the end of the course, the student will be able to
CO1: Acquire the knowledge of Human Resource Management
CO2: Understand communication techniques and barriers through various models
CO3: Understand the relevance of training and personal development
CO4: Identify grievance handling procedures
CO5: Recognize personal appraisal methods

Semester- VIII 19IPOSC83: MORBIDITY AND EPIDEMIOLOGY
Course Outcomes
At the end of the course, the student will be able to
CO1: Acquire the knowledge about mortality
CO2: Understand the measurements in epidemiology
CO3: Identify the communicable and non-communicable diseases
CO4: Identify the diseases control measures
CO5: Enlighten the various health programmes

Semester- VIII 19IPOSC84: GENDER EQUITY AND WOMEN EMPOWERMENT
Course Outcomes
At the end of the course, the student will be able to
CO1: Learn the gender issues and theories of feminism.
CO2: Understand autonomy, empowerment and women status.
CO3: Identify gender inequalities.
CO4: Enlighten the human equity approach.
CO5: Explore the different forms of gender-based violence.

Semester- IX 19IPOSC91: BIO STATISTICS
Course Outcomes
At the end of the course, the student will be able to
CO1: Acquire the knowledge of measuring the health and diseases
CO2: Explore the epidemiological study designs
CO3: Enlighten the clinical trials
CO4: Identify the modelling the infectious diseases
CO5: Explain the survival analysis

Semester- IX 19IPOSC92: TAMIL NADU DEMOGRAPHY
Course Outcomes
At the end of the course, the student will be able to
CO1: Impart the knowledge of population situation and future prospects of future Tamil Nadu.
CO2: Understand the mortality levels and trends differentials.
CO3: Provide an overview of fertility and family welfare programmes.
CO4: Identify the migration transition in Tamil Nadu.
CO5: Engage in closely analysis socio-economic status and policies & Programmes.

Semester- X 19IPOSC101: SOCIO-ECONOMIC AND DEMOGRAPHIC IMPLICATIONS OF HIV/AIDS
Course Outcomes
At the end of the course, the student will be able to
CO1: Acquire the knowledge the components and determinants of reproductive health.
CO2: Understand the levels and trends of HIV/AIDS.
CO3: familiarize HIV/AIDS.
CO4: Identify the preventive and curative steps to control HIV/AIDS.
CO5: Highlight the role of agencies involved in HIV/AIDS control programme.

Semester- X 19IPOSC102: POPULATION LAW AND HUMAN RIGHTS
Course Outcomes
At the end of the course, the student will be able to
CO1: Acquire the knowledge of population law and its historical views
CO2: Impart the knowledge of constitutional provision
CO3: Bring an understanding of human rights
CO4: Explain the UN charter of human rights
CO5: Identify the various farms of human rights.

Semester- X 19IPOSC103: COMPUTER APPLICTIONS IN DEMOGRAPHIC ANALYSIS
Course Outcomes
At the end of the course, the student will be able to
CO1: Acquire the knowledge of basic aspects of computer and importance

CO2: Understand the computer application and operating systems.
CO3: Explore the internet accessing & browsing.
CO4: Bring an understanding of techniques of data analysis.
CO5: Understand the software for multivariate analysis.

Semester- X 19IPOSC104: PROJECT AND VIVA-VOCE
Course Outcomes
At the end of the course, the student will be able to
CO1: Develop in –depth knowledge of Field Study.
CO2: Understand the plan and use adequate methods to evaluate a task.
CO3: Acquire the capability to present and discuss the conclusions from the findings
CO4: Attain capability to contribute to research