

ANNAMALAI UNIVERSITY
DEPARTMENT OF POPULATION STUDIES
M.A. HEALTH SOCIAL SCIENCE – Two Year PG Programme
2018-2019

Se m es ter	Cou rse No	Course Code	Course Title	Cours e Type	C re di t	Univ ersit y Exa m Mar ks	Inte rnal Ma rks	Total Marks
I	•	MHSC101	Population Dynamics	Core	5	75	25	100
I	•	MHSC 102	Health Economics	Core	5	75	25	100
I	•	MHSC 103	Health Sociology	Core	5	75	25	100
I	•	MHSC 104	Community Health	Core	4	75	25	100
I	•		Elective Course	Elective	3	75	25	100
			Total		22	375	125	500
II	•	MHSC 201	Population and Health Research	Core	5	75	25	100
II	•	MHSC 202	Health Psychology	Core	5	75	25	100
II	•	MHSC 203	Environmental Management	Core	5	75	25	100
II	•	MHSC 204	Health Nutrition and Education	Core	4	75	25	100
II	•		Elective Course	Elective	3	75	25	100
			Total		22	375	125	500
III	•	MHSC 301	Statistical Techniques	Core	5	75	25	100
III	•	MHSC 302	Gender Equity and Women Empowerment	Core	5	75	25	100
III	•	MHSC 303	Reproductive and Child Health	Core	4	75	25	100
III	•	MHSC 304	Population Law and Human Rights	Core	4	75	25	100
III	•		Elective Course	Elective	3	75	25	100
III	•	SOSC 306	Soft Skills	Core	3	75	25	100
			Total		24	450	150	600
IV	•	MHSC 401	Sexuality and HIV/AIDS	Core	5	75	25	100
IV	•	MHSC 402	Morbidity and Mortality	Core	5	75	25	100
IV	•	MHSC 403	Health Planning and Policy	Core	4	75	25	100
IV	•	MHSC 404	Project and Viva-Voce	Core	5	75	25	100
IV	•		Elective Course	Elective	3	75	25	100
			Total		22	375	125	500
			Grand Total		90	1575	525	2100

Note: An Elective Course has to be chosen by a student as per his / her choice. Elective Courses offered by various Departments for the Two Year PG Programmes from Semester I to Semester IV are enclosed.

MHSC-101: POPULATION DYNAMICS (5 CREDIT)

Overall objectives: To impart basic knowledge of Demography and Population Studies; Sources of data; Population Components; Population Growth: Differentials and distribution in the World, Developed, Developing Countries and in India; and population Characteristics and Structure and policies and thus enable to understand the Population dynamics and interdisciplinary nature.

UNIT – I: Demography

Nature and Scope, Interdisciplinary Nature; Determinants of population change; sources of demographic data: Population Census, Registration systems, sample surveys, Secondary sources of data, population growth, population structure and characteristics in India.

UNIT – II: Fertility

Fertility concepts, Basic measures of fertility. Fertility trends and differentials in India. Factors affecting fertility; Davis-Blake and Bongaarts models; Theories of fertility: Threshold hypothesis and Social Capillarity theory and Theory of Demographic Transition.

UNIT – III: Mortality

Mortality: concepts, factors, basic measures of mortality; infant mortality: meaning, measures, factors affecting infant mortality; Mortality trends and differentials in India; Life Table: meaning, functions, and uses.

UNIT – IV: Migration and Urbanization

Migration: Meaning, concepts, types of Migration, migration streams, characteristics of migrants, trends in internal migration, Migration theories, urbanization: concepts, measures, levels, trends and differentials; problems of over urbanization.

UNIT – V: Population Policies and Programmes

Population Policy: goals and objectives, Types: Population responsive policies; mortality, migration and fertility influencing policies: Pro-natalist and anti-natalist policies: direct and indirect policies; Population policy in India;

REFERENCES:

- Agarwala S.N India's Population Problems, (New Delhi: Tata McGraw Hill, 1981).
- *2. Bhende Asha A. and Tara kanitkar, Principles of Population Studies, (Bombay: Himalaya Publishing House, 1978)
- *3. Basker D. Misra, The study of Population (New Delhi: South Asian Publishers (P) Ltd., 1980)
- 4. Chandrasekhar S., Infant Mortality, Population Growth and Family Planning in India: (London : George Allen and Unwin, 1972)
- *5. Charles Nam, Population and Society (Boston: HoughtonMifflin Co., 1969)
(New York: John Wiley and Sons, 1958)
- *6. Henry Shnycok, et.al., The Methods Material of Demography (Washington: Bureau of Census, 1971 Vols., I and II)
- 7. Srivastava, O.C., A Test Book of Demography (Delhi: Vikas Publishing House Pvt. Ltd. 1982)
- 8. United Nations, The Determinants and Consequences of Population Trends (New York: Department of Economics and Social Affairs, 1973)
- 9. -----, ESCAP, Population of India: Country Monograph Series Number 10, (New York: United Nations, 1982).
- 10. Warren Thompson, and David Lewis, Population Problems (New York: Macmillan, 1968)

*May treated as Text-Books.

MHSC-102: HEALTH ECONOMICS (5 CREDIT)

UNIT – I: Health Economics-basic concepts

Definitions, meanings, concept and importance of health economics, Dimensions of health, Determinants of health, Input and output Indicators of health

UNIT - II: Health and Development

Concept of wellbeing – PQLI and HDI, Income and health linkages, Poverty and health- Occupational health hazards affecting, fertility, morbidity, mortality and life expectancy, Development of nutrition and health, Mal-nutrition, Under-nutrition

UNIT – III: Health as Investment

Economics of public health, need and importance, Concept of health education and its relevance, Capital formation in health care

UNIT - IV: Micro-Economics of Health Services

Demand for health services- Preference for health care, Health care-Income and price effects, Physician as a price-discriminating monopolist, Health production function with Illustration

UNIT – V: Health in Developing Countries

Significance of health in LDCs, Measuring and Controlling the Burden of Diseases-The concepts DALY and QALYs, challenges for the future

REFERENCES:

- Alistair Mc Guire, John Henderson and Gavin Mooney (1988). The Economics of Health Care: An Introductory Text. (Routledge and Kegan Paul London and New York. PP.9-30
- Asha A. Bhende and Tara Kanitkar (2001). Principles of Population Studies (Himalaya Publishing House, New Delhi)
- Park, K (2000) Park's Text Book of Preventive and Social Medicine. 16th edition. (M/s Banarsidas Bhanot Publishers, Jalalpur)
- William Jack (1999) Principles of Health Economics for Developing Countries, WBI Development Studies (The World Bank, Washington, D.C.)

MHSC-103: HEALTH SOCIOLOGY (4 CREDIT)

UNIT - I: Medicine and Sociology

Relationship between medicine and sociology-Social epidemiology- epidemiological measures and development, the relationship between, age, sex, race, social class and health.

UNIT - II: The Interaction & Stress

The interaction of mind, body and society- Stress-Psycho-Physiological medicine-Social factors and stress. Socio-Demographic variables in the process of seeking medical care.

UNIT – III: Sick-role Illness

The Sick-role-Illness as deviance-Sociological approach to deviance, Parsons sick role-Labeling theory.

UNIT – IV: The Physician and Society

The Physician in a changing society-The professionalization and socialization of the physician, Nursing-past, present and future trends and other health practitioners. The hospital as a social institution-Origin, organization, Interpersonal relationship in hospital setting, Primary health centers.

UNIT – V: Medical Social Service and Health Policy

Medical social services in hospital, Role of Medical Social Worker in health Policy of Government of India and States in health

REFERENCES:

- Cockerham, William, Medical Sociology, New Jersey: Prentice Hall, 1982.
- Coe Redney, Sociology of Medicine, New York: McGraw Hill, 1870
- Giriraj Gupta (ed) The Social and Cultural Context medicine in India, New Delhi:Vikas publishing house Ltd., 1981.
- Freeman, H.Handbook of Medical Sociology, Englewood, Cliffs, Prentice Hall, 1963.
- Fred Davis (ed) The Nursing Profession, Five Sociological Essay, New York: John Wiley and Sons, 1966.
- Ommen, T.K Doctors and Nurses, New Delhi, MacMillan & Co, 1978.

MHSC-104: COMMUNITY HEALTH (4 CREDIT)

UNIT – I: Introduction

Community health: Meanings, definitions, concepts scope, objectives and purpose
Determinants of community health, principles of community health, Dimensions of Health, measurement of health.

UNIT-II: Primary Health

Introduction, definition of primary health care, Historical development of Phc's, components of Phc's, principles of primary health care, strategies in primary health care, primary health care organisations in India.

UNIT-III: Community Health

Introduction, definition, concepts, objectives, Determinants. Functions of community health workers, principles of community health, community involvement in health, approaches of community health, community health programme in India.

UNIT-IV: Planning for Health Administration

Nature, Methodology, formulation of health plan, planning for nursing services, planning of a nursing unit in a hospital, planning and administration of nursing organization, planning for health man power, Role of expert committees.

UNIT-V: Planning & Management of Health Projects

Meaning, nature and characteristics of health projects, Stages involved in project management, working of indigenous projects, Efficacy and problems of multilateral Technical Assistance health projects, policy making and planning for the health needs of children and women in India.

REFERENCES:

- Nutritive value of Indian foods, Latest edition, National Institute of Nutrition, Hyderabad, ICMR.
- Medical Sociology, Cocker tam, William C, New Jery; Prentice Hall 1997.
- Sociology of Health Care, John Bond, Genga Bond, London, Churchill Living Stone, 1994.
- Park J.E, Text Book of Preventive and Social Medicine, Ed-17, Banarasidas Bhanob.

- Public Health Administration , Goel S.I, Sterling Publisher, New Delhi.
- Community health nursing ,Mrs M.K.Vasundhara,Jaypee Brothers medical publishers(p)Ltd. New Delhi.

ELECTIVE COURSE

MHSC-201: POPULATION AND HEALTH RESEARCH (5 CREDIT)

UNIT-I: Social Research

Scientific Method; Types of research: Pure, Applied and Action Research; Theory and facts; Major steps in Social Research; Selection of research problems, Formulation of Hypothesis.

UNIT-II: Research Design and Sampling

Research Design; Sampling techniques: Data collection: methods and tools; data processing, Scaling techniques, qualitative and quantitative methods

UNIT-III: Integrating theory and methods in health research

A Theoretical basis for research on health; Integrating theory and Methods in population health research; age, period and cohort analyses of health-related behaviour; Intraindividual variability: Methodological issues for population health research

UNIT-IV: Index scales and statistical modeling

A methodological approach for assessing the stability of variables used in population research on health; validation of index scales for analysis of survey data: the symptom index; graphical interaction models: a new approach for statistical modeling.

UNIT-V: Interpretation and Report Writing

Interpretation of results and report writing; Purpose of a Report, Writing style and content; Uses of reference materials; Bibliography and its compilation; Research Proposals preparation; Preparation of Manuscripts for a Scientific Journal.

REFERENCES:

- Bernard S.Philips, Social Research Strategy and Tactics (New York: Macmillan Publishing Co., Incl 1971)
- U.V Cocharan, Sampling Techniques (New York: John Wiley and Sons, 1963)
- Eari R.Babbie, The Practice of social Research (California: Wordswoth Publishing Company Inc. 1979)
- *4. Fred N. Kerlinger, Fundamentals of the Behaviours, Research in Education and Psychological Enquiry (New York: Halt Ranchart and Winston, 1965)
- *5. W.J Goode and Hatt, Methods in Social Research (Tokyo, McGraw Hill Book Co., 1952)
- *6. T.S. Wilkinson, and P.L Bhandarkar, Methodology, Techniques of the Social Research (Bombay: Himalaya Publishing House, 1979)
- 7. P.V Young, Scientific Social Survey and Research (New York: Prentice Hall,

1949)

8. Dean Kathryn (ed.), Population Health Research: Linking Theory and methods, New Delhi: Sage Publications, 1993.

* May be treated as Text-Books

MHSC-202: HEALTH PSYCHOLOGY (5-CREDITS)

UNIT – I: Introduction

Health and well being: Definition, concepts, importance, emergence of health psychology, the changing scenario, biomedical model of Health care, stress & health paradigm, stress & bodies immune system, Domains of health, Psychological factors shaping health & well being in India.

UNIT – II: Mental Health

Introduction, Scope of mental health, Prevention & Promotion of mental health, Indian view of mental health, Mental health program development. Mental disorders in men, women & disabled individuals, its effect on family, family's coping strategies.

UNIT: – III: Health Modernity, Disaster& Trauma

Health Modernity: Introduction, definition, concepts, importance, characteristics of modernity, usages of modernity, Dimensions of modernity.

Disaster and Trauma: Introduction, Trauma victims and symptoms, risk and protective factors, Different theories on causes of trauma, Different phases of intervention programme.

UNIT: IV Stress & Coping

Stress: Introduction, Modern concepts of stress and coping, causes of suffering, consequences of suffering, mediators of suffering

Puberty, Sexuality and Coping: Introduction, Methodological strategy, experience of puberty, body development, bodily changes and allied feelings, sexuality and coping.

UNIT –V: Yoga and Happiness

Yoga and the state of mind: Introduction, concepts, importance of yoga, Types of Yoga and its uses. Happiness: Introduction, meaning, concepts, happiness and satisfaction, Assessment of happiness, wealth and happiness, construal of happiness, Indian view of happiness, Social and Developmental context of health.

REFERENCES:

1. "New Directions in Health Psychology" by Ajit K. Dalal, Girishwar Misra (2012) Sage Publications India pvt Ltd, New Delhi.
2. Bagohi, A.K and Soman, Krishna (2005), Maladies, "Preventives and Curatives-debates in public health in India" New Delhi, Tulika Books.
3. Bonanno, G.A. (2004), "Loss, trauma, and human resilience, Have we under estimated the human capacity to thrive after extremely aversive events." American Psychologist, 50, 20-28.
4. Chandram, Pand Pellizzari, J.R (2003) Health Psychology South Asian per spectives, in Shahe Kazarian and David R. Evans (Eds) Handbook of cultural health psychology (pp.411-44). San Diego; Academic press.
5. Chakraborty, A (1990) Social Stress and Mental Health – A Social Psychiatric field study of Calcutta, Delhi Sage.
6. DGHS. (1990) National Mental health programme – A Progress report (1982-1990).
7. Carver, C.S. and Scheier, M.F (1998) on the self regulation of behavior, New York Cambridge University Press.
8. Berk, E (1996). Child development, New Delhi, Prentice Hall of India.
9. Rice P.F, (1993). The adolescent Development, relation ships and culture, Boston' Allyn and Bacon.

MHSC-203: ENVIRONMENTAL MANAGEMENT (5-CREDITS)

UNIT-I: Introduction

Basic concepts of ecology, Ecosystem and its Functions, Biosphere; Atmosphere, Hydrosphere and Lithosphere, ecology and environment.

Meaning and concepts of environment, Types of Environment; Physical and cultural environment, Environmental Degradation and Conservation

UNIT-II: Environmental Hazards

Hazards; Meaning and types, Causes and effects of environmental hazards, effect of human activities on environment - environmental pollution - global and local (Soil pollution, water pollution, air pollution, noise pollution)

Green House effect –Ozone layer depletion –acid rain, pillar melting, rise of sea level and their implications - . El-nino effect.

UNIT- III: Management of Resources

Concept and scope of Environmental Management, Environmental Management of Resources: Water, forest, biological, mineral and agricultural; Environmental management of chemical, mining and manufacturing industries –petroleum, coal, cement, paper, fertilizer.

UNIT-IV: Approaches to Management

Approaches to environmental management, Pollution Management, Waste Management. Waste water treatment process, industrial waste management, Hospital waste management, nuclear waste management, National acid precipitation assessment programmes. Strategies adopted to manage the health problems caused by environmental hazards in India.

UNIT-V: Environmental Policy

History, constitutional provisions and the environment, environmental protection and fundamental rights, judicial remedies and procedures, Emerging environmental issues. Government Agencies & Programs –The Tiwari committee creation of NCEPC, Department of Environment & Forest Function of State Pollution Control Board.

REFERENCES:

- Beychok, Milton R. Aqueous wastes from petroleum and petrochemical plants (Ist Edition ed.) John widey & sons, 1967.
- Beychok, Milton R. “A data base for dioxin and furan emissions from refuse incinerators” Atmospheric Environment, January 1987
- Bowler, Cabherine and peter Brimblecome, “Control of Air Pollution in Manchester prior to the Public health act, 1875” Environment and History, 2000.
- Brimblecombe, P, “History of air pollution’, in H.B. Singh (ed) Composition Chemistry and Climate of the Atmosphere, New York; VNR Publishers, 1995.
- Brimblecombe, P, “The Globalization of Local Air pollutions, 2, December 2005.
- De Rothschild, David, The Global warming survival handbook, Rodale, 2007.
- Gandy, Matthew, Recycling and the politics of urban waste, London, Earth scan publications 1994.
- Melosi, Martin V. (ed.), Pollution and Reform in American Cities, 1870, 1930, Austin, University of Texas Press, 1980.
- Tarr, Joel A, The search for the ultimate sink: urban pollution in Historical perspective, Akron, oh; University of Akron Press, 1996.

MHSC-204: HEALTH NUTRITION AND EDUCATION (4 CREDIT)

UNIT-I: Health

Meaning Concepts, Definition, Importance of Public Health; personal hygiene; various health aspects: curative, Promotive and Preventive; Indicators of Health.

UNIT –II: Environment and Health

Water Supply and Public Hygiene: Household, Community, Industrial; Sanitation, Occupational Health Hazards - physical, Chemical, Biological, Mechanical and Psycho-social.

UNIT –III: Nutrition

Concept of nutrition, process, Nutrients, Functions and Sources; Balanced Diet; Nutritional requirements of special groups, pregnant and lactating women and Infant and children.

UNIT –IV: Malnutrition and Under Nutrition

Factors, Nutritional Deficiency Diseases; Recommended Nutrition Standards; Supplementary Nutritional Programs: Applied Nutrition Programmes; Nutritional feeding Programmes etc.

UNIT – V: Health Education

Health Education: Concepts, definitions, objectives, scope, principles and contents; Health Education Methods; Development of Health Education Programmes; Strategies for Implementation; Agencies involved in the Health Education.

REFERENCES:

1. *R.P Devadas, Nutrition in Tamil Nadu,(Madras: Sangam Publishers, 1972)
1. *S.Davidson, R.Passmore and J.F Brode Truswel, Human Nutrition and Dietetics (Livingston: The English Language Book Society and Churchill, 1975)
1. C.Gopalan, S.C Balasubramanian and B.V Ramasastry, Diet Atlas of India (New Delhi: ICMR 1972)
1. *C.Gopalan, B.V Ramasastry and S.C Balasubramanian, The Nutrition Value of Indian Foods (New Delhi: ICMR 1978)

1. C,Gopalan and K,Vijayaragavan, Nutrition Atlas of India (New Delhi: 1971)
1. *R.Gosh, A Treatise on Hygiene and Public Health (Calcutta: Scientific Publishing Company Inc. 1950)
1. M.Swaminathan, Essentials of Nutrition - Vol. I and II (Madras: The Ganesh and Co., 1974)
1. *J.E Park and K.park, Preventive and Social Medicine (India: Bannersidas Bhanot and Company Limited, 1976)
1. P.S Venkatachalam and L.M Revello, Nutrition for Mother and Child, Special Report Series No.40 Nutrition Research Laboratories, 1962)

* May be treated as text book.

ELECTIVE COURSE

MHSC-301: STATISTICAL TECHNIQUES (5 CREDIT)

Overall objectives: To familiarize some of the statistical procedures and tools for Demographic data collection, processing, analysis, and interpretation of results; use of computer and computer packages in demographic research, and enable to handle statistical tools, procedures and computer packages in Demographic Analyses.

UNIT – 1: Statistical Methods and Computer Applications

Statistical methods: Importance in Population Studies; Organizing a statistical investigation; Type of measurement: Nominal, Ordinal, Interval and Ratio Scales; Types of variables: Qualitative and Quantitative; Discrete and Continuous; Independent and Dependent; Computer: importance and applications; organization of a computer; input, output units: CPU, Hardware and Software; Computer packages for Demographic Analysis.

UNIT – 2: Descriptive Statistics

Measures of Central Tendency: Mean, Geometric mean, and Weighted average; Properties, merits and demerits of averages. Their empirical relationships; Dispersion: Meaning, definition, Uses, Measures: Range, Quartile deviation, Mean deviation and standard deviation; co-efficient of variation, Quartile Co-efficient of variability; Skewness and Kurtosis.

UNIT – 3: Probability Theory and Theoretical Distribution

Probability: Event: Mutually exclusive, equally likely and exhaustive events Additional and Multiplication theorems and simple problems: Theoretical Distributions; Binomial: Assumptions, properties, fitting and simple problems, Poisson: Assumptions properties, fitting and simple problems, Normal Distribution: Assumptions, properties, fitting and simple problems.

UNIT – 4: Correlation and Regression

Correlation: Concepts; scatter diagram and its uses; pearsons co-efficient of correlation; Rank correlation Meaning and spearman co-efficient; partial and multiple correlation; Interpretation of Co-efficients; Regression: Meaning and uses; curve fitting; simple problems; partial and Multiple correlation; simple application, Interpretation of co-efficient; Multiple Regression: Step-Wise, Logit regression analysis and path Analysis.

UNIT – 5: Test of Significance

Test of significance: Meaning and importance; notion of confidence interval; Level of significance; parametric Test P, t and F; Test for mean, proportion and correlation; Non parametric test: Test for categorized data (goodness of fit test) : sign test, Median test, and Run test.

REFERENCES:

- *D.N. Elbance, Fundamentals of Statistics, (Allahabad, Kitab Mahal, 1973)
- E. Freund John, Modern Elementary Statistics (New Delhi, Prentice Hall of India (P) Ltd.,1977
- C.B Gupta, An Introduction to Statistical methods (Delhi, Vikas Publishing House, 1976)
- S.P Gupta, Statistical Methods (New Delhi, Sultan Chand and Sons, 1976)
- *Gupta and Kaspoor, Applied Statistics (New Delhi: Sultan Chand and Sons 1976)
- P.G. Hoel, Introduction to mathematical Statistics (Bombay, Asia Publishing House, 1961)

MHSC-302: GENDER EQUITY AND WOMEN EMPOWERMENT (4 CREDIT)

UNIT –I: Introduction

Gender, Definition, concepts, social construct of feminity , gender inequalities, gender stratification in traditional and modern societies. Women empowerment, Definition, concept, importance, sex ratio and its determinants ,age structure, marital status, religious composition, role of women in family and society.

UNIT – II: Gender Based Violence and Human Rights

Social Organization-Society and gender roles. violence against women, sexual abuse , domestic violence, dowry, prostitution , violence and reproductive health problems, Human rights, definition, concepts, importance, legislative measures for women development, reproduction rights.

UNIT – III: Women and Social Development

Growth of women population, female status and autonomy, Gender and social institutions in India, marriage customs and patterns, sex preference. Gender bias in literacy and educational attainment, Women's technical education, and development. Family life education - goals, gender issues, safe motherhood and quality of life, the impact of education on women empowerment, women empowerment and human development.

UNIT – IV: Women and Economic Development

Women's economic participation (female participation rate), labor force participation in various sectors of economy. Women and politics - participation in civic bodies, state - and central government. Its effect on women empowerment.

UNIT – V: Women empowerment and Demographic change

Age at marriage, fertility, contraceptive adoption, maternal morbidity and maternal mortality. Family health and nutrition, process of communication relevance of intra spouse communication in decision making ,Gender and responsible parenthood, the reproductive health needs of aged women. Policies and programmes for women empowerment in India

REFERENCES:

1. *Abadian S, “Women’s Autonomy and its Impact on Fertility”, World Development, 1996, Dec. 24(12).
2. *Andraws, A.C(1982), “Toward a Status of Women Index” Professional Geographer, 34(1).Arora YL and
3. Boulding, E. et.al., (1976), Hand Book Of International Data On Women, New York: John Wiley Chaudhury R.H (1982), Social Aspects of Fertility: With Special Reference to Developing Countries, New Delhi, Vikas Publishing House Pvt. Ltd.,
4. ICSSR, (1975) Status of Women in India, New Delhi : ICSSR.
5. Iyengar N.S and P.Sudarsan(1982), “A Method of Classifying Regions from Multivariate Data” Economic and Political Weekly (Bombay) December 1982.
6. Jejeebhoy SJ, (1995), Women’s Education, Autonomy and Reproductive Behaviour: Experience from Developing Countries, Clarendon Press, Oxford and New York.

MHSC-303: REPRODUCTIVE AND CHILD HEALTH (4 CREDIT)

UNIT- I

The Concept, Evolution (ICPD conference) and the components of Reproductive Health. Reproductive Health Rights. Social and cultural determinants of Reproductive Health. Reproductive Morbidity. Anatomy and Physiology of Human Reproduction, Mechanism of conception and pregnancy.

UNIT- II

Gynecological problems - Menstrual, Reproductive Tract Infections (RTI). Obstetrical problems -Pregnancy complications, delivery complications, post-natal problems. Male Reproductive Health Problems.

UNIT- III

Sexual Behavior, Homosexuality, Extramarital sex, Adolescent Sexuality, Prevalence rate, Medical and Social aspects. Commercial sex workers and other vulnerable groups.

UNIT- IV

Reproductive Health Programme Management: Assessment of community needs, Health seeking behavior. Special groups -Focus on Reproductive Health of Women with special reference to Commercial Sex Workers, Truck drivers, Jail in-mates and street children. Policy issues and quality of care.

UNIT- V

RCH Programmes in India: Major research areas and Research Studies on Reproductive Health.

REFERENCES:

1. *Mahadevan, K. et.al., 1998. Reproductive Health, AIDS Prevention and Development of Women, Delhi: B.P
2. Padbidri V.G and S.N. Daftary, 1999. Shaw's Text Book of Gynaecology. New Delhi: B. I. Churchill Livingstone pp.33-45, 214-239, 351-360.
3. *Krishna Menon, M.K. and B. Palaniappan 1988. Clinical Obstetrics. Chennai: Orient Longman, pp.8-23, 127-192.
4. *United Nations, 1975. Chapter 16 Human Reproductive Student's Study Guide on Biology of Population, New York: United Nations, pp.357-359.

*May be treated as text book.

MHSC-304: POPULATION LAW AND HUMAN RIGHTS (4 CREDIT)

UNIT – I: Population Law

Meaning, definition, nature, and its scope; Relevance of legal studies to population dynamics; Need for population law; Historical and contemporary views; population law: World and in India.

UNIT – II: Constitutional provisions

Constitutional provisions relating to population issues; legislations relating to population issues, Law-making bodies: Parliament and legislative Assembly; functions and obligations.

UNIT – III: Human Rights

Meaning, definition, nature and scope; Basic principles, Historical and contemporary views on Human rights;

UNIT – IV: UN and Human Rights

UN Charter of Human rights; Human rights standard setting; International bodies; Associations and Human rights; Rights and Duties; Citizen, Child, Youth, Adolescent, Adult, Married and the aged; Quality of life; Gender issues.

UNIT – V: Human Rights and Population Dynamics

Human rights and Fertility, Human rights and Mortality, Human rights and Morbidity and Health, Human rights and International Migration, Human rights and Refugees, Human rights and Reproductive Health and Abortion.

REFERENCES:

- *Chandrasekar, S, 1977. Population and law in India.
 - Bankowski, Z, (ed.) 1989, Ethics and Human Values in Family Planning, Geneve: C10MS.
 - *Daniel G. Pandian, 1979, "Human Rights Aspects of Population Progeamme" in philip M.Hauser (ed.) World Population and Developments challenges and prospects, syracuse, New York: University Press.
 - United Nations, Proclamation of Teheran Report of Conference on Human Rights, 1968, United Nations Publications, Sales No. E.68XIV.
 - United Nations, Human Rights: A complications of International Instruments, UN Publications, Sales No. E.78/XIV.
- . *May be treated as text book.

UNIT – I: Communication and Writing Skills

Needs and methods of communication – Effective speaking, Conversational dialogue – Reading skill, Group discussion – Body language – Paralanguage, Introduction to written communication writing skills – Corporate communication.

UNIT – II: Research and Analytical Skill

Collecting references – Quoting reference – bibliography – Indexing writing for journals, books, newspapers – report of events – drafting resolutions recording the minutes – Memorandum and Speech, Analysis of large data – Testing the validity of data inferring conclusion by analysing the data use of statistics.

UNIT – III: Organisation Skills

Modern office – Functions – Office Procedures – Handling of Mail – Filing and Indexing – Skill of raising Manpower – effective utilization of available financial, manpower of time and other resources, introduction to AICTE, UGC, ICSSR, ICHR and ICMR.)

UNIT – IV: Computational Skills

Use of Computers, Operating System (Windows), Microsoft – Excel, Power and Internet Use of Web Access.

UNIT – V: Educational Skills

Environmental awareness – Environmental hazards – Remedies, pollution – Preventive measures, Bio-conservation and diversity. Health indicators – Health statistics – Human development index – Improving indices – Measures required – Institutional involvement.

REFERENCES:

- Rao V.K, (1999) Hand Book for Modern Methods of Teaching, Rajat Publications, Delhi (Old).
- Stanton, Nicky Mastering Communication Palgrave Master Series Macmillan, 1996.
- Environmental Geoscience – an Strahier & A.H, Strahier, Willy International Ed. 1973.
- Personal Mangament () C.B. Mamona Himalaya Publishing Hour, Delhi.
- Borce and Thill – Business Communication Today, Tata McGraw Hill, New Delhi, 2000.
- Kaul – Effective Business Communications Prentice Hall, New Delhi, 2002.
- Minoli Danial, Minol & Emma – Web Commerce Technology – Hand Book, Tata McGraw Hill, New Delhi, 2002.
- Robinson, Netrakanti & Shintre – Communications Competence in Business English; Orient Longman, Hyderabad, 2001.

- Patri, Vasantha.R, and Patri, Neelakant, Essentials of Effective communication, New Delhi, Greenspan, 2002.
- Environmental Awareness and Protection S. Signacimuthu, Phonix, Publication Pvt., Ltd., New Delhi, 1998.

ELECTIVE COURSE

MHSC- 401: SEXUALITY AND HIV/AIDS (5 CREDIT)

UNIT -I

History of sexuality; social theories on sexuality; social and cultural construction of gender and sexuality; Gender relations; gender assignment and sexual practice; politics of sex; sexual desire and control; sexual negotiation and power relations; sexual health and rights;

UNIT- II

Sexual Behavior, Homosexuality, Extramarital sex, Adolescent Sexuality, Prevalence rate, Medical and Social aspects. Commercial sex workers and other vulnerable groups.

UNIT-III

Impact of sexuality on reproductive tract infections; sexually transmitted diseases and HIV, reproductive cancer, and infertility; Interventions by Government and non government organisations

UNIT – IV

HIV/AIDS: Definition, importance of study; Problem statement: At global and National level, Estimation of HIV infection among adult population; Mode of transfusion: Sexual transmission, Blood contact, maternal – foetal transmission, injecting drugs. Diagnosis of AIDS: Clinical and Laboratory diagnosis; Prevention of HIV/AIDS: IEC strategy, Targeted intervention, Care of HIV/AIDS patients.

UNIT –V

An interdisciplinary approach to issues related to HIV infection; socio-cultural, medical, public health and psychological perspectives; social epidemiological questions concerning HIV infection in Asian countries; coping with AIDS/HIV infection, social networks and support.

REFERENCES:

- *Mahadevan, K. et.al. 1998. Reproductive Health, AIDS Prevention and Development of Women, Delhi: B.P
- Padbidri V.G and S.N. Daftary, 1999. Shaw's Text Book of Gynaecology. New Delhi: B.I.Churchill Livingstone pp.33-45, 214-239, 351-360.
- *Krishna Menon, M.K. and B.Palaniappan 1988. Clinical Obstetrics. Chennai:Orient Longman, pp.8-23, 127-192.

- *United Nations, 1975. Chapter 16 Human Reproductive Student's Study Guide on Biology of Population, New York: United Nations, pp.357-359.
- 5. [UNAIDS 2008 Report of the global AIDS epidemic](#)
- 6. J.E. Park and K. Park, Preventive and Social Medicine (India: Banneridas Bhanat and Company Limited, India 1997

MHSC-402: MORBIDITY AND MORTALITY (5 CREDIT)

UNIT –I Morbidity

Morbidity: Concepts and definition: Diseases: Types: Communicable and non-communicable; incidence and prevalence; Epidemiology of diseases; Agents, Environment and Host Factors; Sources of Infection and Modes of Transmission; Pathogenesis of causes of death; Changing patterns of causes of death in developing and developed countries and in India

UNIT– II: Mortality

Mortality: Importance of study; concepts, definition, data sources and limitations; Factors important in the analysis; Measures: Crude Death Rate, Specific death rates by Age, Sex, Causes of Death, Marital status and other characteristics; Standardization of Death Rates: Comparative Mortality Index and Standardized Mortality Ratio; Lexis Diagram and its Importance.

UNIT – III: Infant, Childhood and Maternal Mortality

Importance of study; Measures; Perinatal, neo-natal and Post-neo-natal mortality rates; child mortality; Causes: endogenous and exogenous; Trends and differentials in developed and developing countries and in India; Prospects of decline; maternal mortality rates: Levels and trends and future prospects.

UNIT – IV: Mortality Levels, Trends and Differentials

Mortality differentials by age, sex, residence and socio-economic characteristics and trends in mortality in developed and developing countries and in India; Prospects of mortality decline in developed and developing countries and in India.

UNIT – V: Life Tables

Life Table: Concepts, definition types, assumptions and columns. Current and Cohort of Construction of Life tables from Age Specific Death Rate: Construction of life table on the basis of Single Census and two Censuses: Conversion of Abridged Life table into complete life table.

REFERENCES:

1. *Barclay, George, Techniques of Population Analysis, New York: John Wiley & Sons, Inc. 1958.
2. *Bhende, AshaA., and Tara Kanitkar, Principles of Population studies, 13th Edition, (Bombay: Himalaya Publishing House, 2000).
3. K.Mahadevan, et al, Culture, Nutrition and Infant and Child Mortality: A study in South Central India (Mimeographed) 1981.
4. Omram, A.R., The Epidemiology Transition: A Theory of the Population Change, Milbank Memorial Fund Quarterly Vol.49, 1971.
5. *Padmanabha, P., 'Mortality in India: A note on Trends and Implications', Economic and Political Weekly, 17(32) pp.1285-90 1982.
6. Padmanabha, P. Use of Sample Registration Systems for studying levels, 'Trends and Differentials in Mortality: The Experience of India, in United Nations, Data Base for Mortality Measurement, Population Studies No.84, New York: U.N 1984).
7. Palmore, James, A and Robert W Gardner, Measuring Mortality Fertility and Natural Increase: A self teaching guide to Elementary Measures, (Honolulu: the East-West Centre, 1983).
8. Ruzicka, L and Hansluwka H., 'Mortality Transition in South and East Asia Technology Confronts Prverty', Population and Development Review 8 (3): 567-5888, 1982.
9. *Shryock, Henry S., Jacob S., Siegel and Associates, The Methods and Materials in Demography, (Washington D.C: U.S Bureau of the Census, 1980).
10. *United Nations, Determinants and Consequences of Population Trends, (New York: Department of Economic and Social Affairs, 1973).

* May be treated as text book.

MHSC- 403: HEALTH PLANNING AND POLICY (4 CREDIT)

UNIT – I: Health Situation

Historical review of origin of various branches of public Health, Health services in India, Indicators of Health Morbidity & Mortality, Health in the context of development and Five Year Plan.

UNIT – II: Health Planning

Planning process: Decision making, qualitative and quantitative decisions, Policies Strategies, budget: Health planning in India, National Health Policy, goals, objectives and target setting, assessment of Health situation, Resource analysis, priorities, design of programme.

UNIT – III: Health Organization

Design, Structure, Principles, formal/informal types, Coordination within and outside. Span of control, centralization and decentralization, Staffing, job description, outlining role and responsibilities, Training, Placement and Evaluation.

UNIT – IV: Health Care Service

Preventive, promotive and curative services: Approaches adults in health care service: Risk and Epidemiological Health care services for Mother, adults and aged population & Children, industrial workers, Health legislation and social welfare.

UNIT – V: Health Programmes

National Health Programmes – National leprosy eradication programme, National Tuberculosis Control Programme, National Malaria Eradication Programme, Universal Immunization Programme, National Programme for control and prevention of blindness, National programme for prevention of AIDS, National Filariasis Control Programme, STD control Programmes. National programme for control of Iodine Deficiency Diseases, National Family Welfare Programme.

Non-Governmental organization, Indian Red Cross, DANIDA Tuberculosis Association in India. International health agencies – UNICEF, WHO, USAID, Rock Feller & Ford Foundation.

REFERENCES:

- *Dutt P.R., rural Health Service in India, Primary Health Services (H.E.P, 1965).
- *Ghosh B.N. Hygiene and public Health, Scientific Publishing Company, 1972.
- *Park J.E., Park K, Preventive and Social Medicine (Jabalpur Bannersidas Bhanot and company Ltd., 1995).
- Ashok shan et.al., Community Paricipation In Health and Family Welfare Programme, Innovative Experience in India, Indian Society of Health Administrators, Bangalore, 1990.
- *Freeman R.B. and Holmes E.M., Administration of Public Health Services, W.B. Sanuders Company, 1960.
- National Institute of Health and Family Welfare Management Training Modules for District level Health officers, New Delhi, 1990.

* May be treated as text book.

MHSC- 404: PROJECT AND VIVA-VOCE (4 CREDIT)

ELECTIVE COURSE

Appendix I (A)

ANNAMALAI UNIVERSITY
FACULTIES OF ARTS, INDIAN LANGUAGES AND EDUCATION

CHOICE OF ELECTIVE COURSES FOR BOTH
SEMESTER I OF THE TWO YEAR P.G.PROGRAMMES AND
SEMESTER VII OF THE FIVE YEAR P.G. PROGRAMMES
2015-2016

Sl. No	Department	Elective Code	Elective Course
01	English	ENGE 105	Elements of English Grammar
02	History	HISE 105(1) HISE 105(2)	Cultural Heritage of India Tourism and Travel Management
03	Political Science	POSE 105 PUBE 105	Indian Government and Politics Indian Constitution
04	Economics	ECOE 105(1) ECOE 105(2) DESE 105	Economics of Climate Change Indian Economic Development Regional Development
05	Sociology	SOCE 105	Introduction to Sociology
06	Commerce	COME 105	Banking Practices
07	Population Studies	POPE 105	Population Dynamics
08	Library and Information Science	LIBE 105	Intellectual Property Rights and Right to Information
09	Business Administration	MBAE 105	Management Process
10	Philosophy	PHIE 105	Basics in Tourism (TM/EM)
11	Centre for Rural Development	RUDE 105	Case Study of Rural Organization: Visit and Observation
12	Tamil	TAME 105	ehl;Lg;;Gwtpay;
13	Hindi *	HINE 105(1) HINE 105(2)	Basic Hindi-I Andher Nagari
14	Linguistics	LINE 105	General Linguistics (TM/EM)
15	Psychology	PSYE 105	Personality Development
16	Physical Education	PEDE 105	History, Principles and Foundations of Physical Education

* There are two options while selecting the Hindi Elective Course:

1. Those students who do not know Hindi can opt for 105(1);
2. Those students who know Hindi can opt for 105(2).

Appendix I (B)
ANNAMALAI UNIVERSITY
FACULTIES OF ARTS, INDIAN LANGUAGES AND EDUCATION

CHOICE OF ELECTIVE COURSES FOR BOTH
SEMESTER II OF THE TWO YEAR P.G.PROGRAMMES AND
SEMESTER VIII OF THE FIVE YEAR P.G. PROGRAMMES

Sl. No	Department	Elective Code	Elective Course
01	English	ENGE 205	Effective English Speaking
02	History	HISE 205(1) HISE 205(2)	General History of India Environmental Studies
03	Political Science	POSE 205 PUBE 205	Political Science-I Public Administration-I
04	Economics	ECOE 205(1) ECOE 205(2) DESE 205	Urban Economics Economics in Everyday Life Issues in Development
05	Sociology	SOCE 205	Sociology of Mass Communication
06	Commerce	COME 205	Office Management
07	Population Studies	POPE 205	Tamilnadu Demography
08	Library and Information Science	LIBE 205	Information Service and System
09	Business Administration	MBAE 205	Marketing Management
10	Philosophy	PHIE 205	Temple Management
11	Centre for Rural Development	RUDE 205	Rural Marketing: Visit and Observation
12	Tamil	TAME 205	fl;Liuapay;
13	Hindi *	HINE 205(1) HINE 205(2)	Basic Hindi Kamayani (Modern Poetry)
14	Linguistics	LINE 205	Applied Linguistics (EM/TM)
15	Psychology	PSYE 205	Health Psychology
16	Physical Education	PEDE 205	Theory and Practice of Cricket and Tennis

2015-2016

* There are two options while selecting the Hindi Elective Course:

1. Those students who do not know Hindi can opt for 205(1);
2. Those students who know Hindi can opt for 205(2).

Appendix I (C)
ANNAMALAI UNIVERSITY
FACULTIES OF ARTS, INDIAN LANGUAGES AND EDUCATION

CHOICE OF ELECTIVE COURSES FOR BOTH
SEMESTER III OF THE TWO YEAR P.G.PROGRAMMES AND
SEMESTER IX OF THE FIVE YEAR P.G. PROGRAMMES
2015-2016

Sl. No	Department	Elective Code	Elective Course
01	English	ENGE 305	Technical Writing
02	History	HISE 305(1) HISE 305(2)	History of Indian Freedom Movement Women Studies
03	Political Science	POSE 305 PUBE 305	i) Political Science-II ii) Public Administration-II
04	Economics	ECOE 305(1) ECOE 305(2) DESE 305	Economics of Natural Disasters Human Resource Development Women Studies and Development
05	Sociology	SOCE 305	Social Problems and Social Welfare
06	Commerce	COME 305	Business Communication and Report Writing
07	Population Studies	POPE 305	Health Education and Nutrition
08	Library and Information Science	LIBE 305	Computerized Database and Internet
09	Business Administration	MBAE 305	Training and Development
10	Philosophy	PHIE 305	Tourism Promotions (EM/TM)
11	Centre for Rural Development	RUDE 305	Rural Industries: Visit and Observation
12	Tamil	TAME 305	bjhiyf;fhl;rp epfH;;r;rpf;fiy
13	Hindi *	HINE 305(1) HINE 305(2)	Functional Hindi Modern Hindi Satire
14	Linguistics	LINE 305	History and Structure of Tamil Language(EM/TM)
15	Psychology	PSYE 305	Counselling Psychology
16	Physical Education	PEDE 305	Health Education, Safety Education and First Aid
17	Lifelong Learning	LLEE 305	Communication and Development

* There are two options while selecting the Hindi Elective Course:

1. Those students who do not know Hindi can opt for 305(1);
2. Those students who know Hindi can opt for 305(2).

Appendix I (D)
ANNAMALAI UNIVERSITY
FACULTIES OF ARTS, INDIAN LANGUAGES AND EDUCATION

CHOICE OF ELECTIVE COURSES FOR BOTH
SEMESTER IV OF THE TWO YEAR P.G.PROGRAMMES AND
SEMESTER X OF THE FIVE YEAR P.G. PROGRAMMES
2015-2016

Sl. No	Department	Elective Code	Elective Course
01	English	ENGE 405	English for Competitive Examinations
02	History	HISE 405(1) HISE 405(2)	Human Rights Gandhian Thought
03	Political Science	POSE 405 PUBE 405	Legislative Procedures E-Governance
04	Economics	ECOE 405(1) ECOE 405(2) DESE 405	Labour Economics and Industrial Relations Environmental Audit Globalization and Development
05	Sociology	SOCE 405	Industrial Relations and Labour Welfare
06	Commerce	COME 405	Principles of Insurance
07	Population Studies	POPE 405	Population and Environment
08	Library and Information Science	LIBE 405	Documentary and Electronic Information Sources
09	Business Administration	MBAE 405	Entrepreneurship Management
10	Philosophy	PHIE 405	Comparative Religion (EM/TM)
11	Centre for Rural Development	RUDE 405	NGO: Visit and Observation
12	Tamil	TAME 405	,jHpay;
13	Hindi *	HINE 405(1) HINE 405(2)	Commercial & Business Correspondence in Hindi Hindi Katha Sahitya (Modern Hindi Fiction)
14	Linguistics	LINE 405	Language and Mass Communication (EM&TM)
15	Psychology	PSYE 405	Stress Management
16	Physical Education	PEDE 405	Theory and Practice of Volleyball and Kabaddi
17	Lifelong Learning	LLEE 405	Comparative Studies in Lifelong Education

* There are two options while selecting the Hindi Elective Course:

1. Those students who do not know Hindi can opt for 405(1);
2. Those students who know Hindi can opt for 405(2).