

**சென்னைப் பல்கலைக்கழகம்**  
**தொலைதரக் கல்வி நிறுவனம்**



**B.Sc. Degree Course in**  
**MEDICAL SOCIOLOGY**

*Syllabus for Core Subjects*

**Non-Semester**

(Effective from the Academic Year 2008 - 2009)

**UNIVERSITY OF MADRAS**  
**INSTITUTE OF DISTANCE EDUCATION**  
CHENNAI- 600 005

**B.Sc. MEDICAL SOCIOLOGY**  
**SCHEME OF EXAMINATIONS**  
**FIRST YEAR**

<b>Paper</b>	<b>Paper Title</b>	<b>Hours</b>	<b>Marks</b>
	<b>Foundation Course</b>		
	Language - Paper - I	3	100
	English - Paper - I	3	100
	<b>Core Courses</b>		
I	Foundations of Sociology	3	100
II	Basics of Anatomy	3	100
<b>Allied I</b>	Social Psychology	3	100
<b>SECOND YEAR</b>			
	<b>Foundation Course</b>		
	Language - Paper II	3	100
	English - Paper II	3	100
	<b>Core Courses</b>		
III	Social Research Methods and Statistics	3	100
IV	Basics of Physiology	3	100
<b>Allied II</b>	Social Anthropology	3	100
<b>THIRD YEAR</b>			
V	<b>Core Courses</b>		
	Medical Sociology	3	100
VI	Community Health	3	100
VII	Health Practices in Indian Society	3	100
VIII	Social Problems in India	3	100
X	Application Oriented Subject		
	Hospital Management	3	100

\* There is no practical for the B.Sc. Medical Sociology Course.

# **INSTITUTE OF DISTANCE EDUCATION**

## **B.Sc. DEGREE COURSE IN MEDICAL SOCIOLOGY**

### **SYLLABUS**

**(Non - Semester)**

**(W.e.f. 2008 - 2009)**

**FIRST YEAR**

#### **PAPER I - FOUNDATIONS OF SOCIOLOGY**

##### **Unit - I : Introduction**

Definition, Origin, Nature, scope and importance of Sociology Relationship between sociology and other social sciences (Anthropology, Psychology Political science and Economics) Primary concepts : Society, Community, institution, Association, Status and Role.

##### **Unit - II : Individual, Group and Society**

Definition and Characteristics of Society, Theories of origin of society, Relationship between individual and society, Classification of groups as given by Cooley and Summer, Definition, characteristics and Functions of Primary, Secondary and Reference groups.

### **Unit - III : Social Institutions**

Marriage : Rules of Marriage, Types of marriage - polygyny, polyandry, Monogamy Functions of Marriage Family: Types of family - Patriarchal and Matriarchal - Functions of Family.

### **Unit - IV : Socialization & Social Processes**

Definition and theories of socialization (Cooly and mead) - Types of Socialization Agencies of Socialization : Family, Peer group, School, Religion and mass media Associative Social Processes : Co-operation, Accomodation, Assimilation, Accularation Dissociate Processes : Competition and conflicts.

### **Unit - V : Social Control**

Definition and Objectives of Social Control Informal means of Social control : Values, Norms, Customs, Folkways, mores, public opinion, Taboo. Formal means of Social Control, Laws, Agencies of Social control Importance of Social Control.

### **Reference**

1. Applebaum, Richard P. and William J. Chambliss (1997) Sociology, Addison Wesley Educational Publishers Inc. New York.
2. Giddens, Anthony (2001) Sociology, Fourth Ed., Prentice Hall Inc. New Jersey.
3. Spencer and Alex Inkeles (1982) Foundations of Modern Sociology, Prentice Hall Inc. New Jersey.

4. Alex Inkeles, Social Change : Reading on Modern Society, Prentice Hall.
5. James M. Henslin (1997) Sociology : A down to earth approach, Allyn and bacon Text Book.
6. Jayaram N. (1998) Introductory Sociology, Macmillan, India.
7. Bottomore (1975) Sociology, Blackie and sons India Ltd.

## **PAPER II - BASICS OF ANATOMY**

### **Unit - I**

General Anatomy - Cell Structure - Basic Units of Body  
- Muscles, Cartilage, Bones and Joints.

### **Unit - II**

General Embryology - Theories of Development -  
Process - Gestation Period - Fertilisation.

### **Unit - III**

Upper Limb Lower Limb - Development of Upper Limbs  
- Shoulder Joints / Elbow Joint - Axilla / Arm Development of  
the lower limbs - Hip Joints / Knee Joint - Gluteal region.

### **Unit - IV**

Thorax and Abdomen - Thoracic Wall / Thoracic cavity,  
Pericardium - Development of the cardio - Vascular systems  
- Development of the Abdominal Organs - Perineum / testes/  
pancreas.

## **Unit - V**

Pelvis Wall / Sacral plexus / pelvic fascia - Blood vessels - Penis / vagina / rectum / vas deferens - Seminal vesicles / urethra - Public symphysysis / sacrum / Bony pelvis.

### **Reference**

1. A text-book of Human Anatomy - T.S. Ranganathan.
2. A Colour Atlas of Human Anatomy.
3. Human Embryology - Inderbir Singh.
4. Gray's Anatomy.

## **ALLIED I - SOCIAL PSYCHOLOGY**

### **Unit - I : Introduction**

Scope and nature of Social Psychology - Methods of Social Psychology - Importance of Social Psychology.

### **Unit - II : Social Perception, Motives and Attitudes**

The Perceptual process : Person perception, Halo effect, Evaluation effect and Stereo types, Empathy - Social motives and behaviour - Nature of attitude - Measurement of attitude.

### **Unit - III : Personality and Group Process**

Role and personality formation - Theories of personality - Social dependence and independence - Birth order and personality - Culture and personality - Cohesiveness morale social climate - Types of group - Centralized and decentralized group structure.

## **Unit - IV : Leadership, Public Opinion and Propaganda**

Characteristics of leadership - Types of Leader - Functions of Leader - Dynamics and measurement of public opinion - Propaganda - suggestion and education - Techniques of propaganda - Instruments of propaganda - protection against propaganda.

## **Unit - V : Communication Dimensions**

Communication as perceived by laymen and psychologists - Feedback and empathy in communications - Interpersonal communication skills - Characteristics and functions of mass communication.

## **Reference**

1. Bhatia Hansraj (1974) Elements of Social Psychology, Somaiya Publications, Bombay.
2. Kimball Young (1963) Handbook of Social Psychology, Routledge and Kegan Paul, London.
3. Liundgren, Henry Clay (1998), Social Psychology, Wiley Eastern Publishers, New Delhi 1990.
4. Adinarayanan, S.P. Social Psychology, Longman, India.
5. Aronson, Elliot, Wilson K. Timothy and Akery M. Robert (1997), Social Psychology, Longman Publishers.
6. Baron A. Robert Boon Byrne (1998), Social Psychology, Prentice Hall of India, India.
7. Kenneth Gergen - Social Psychology - Exploration in Understanding.
8. Barker - Communication.

## **SECOND YEAR**

### **PAPER III**

## **SOCIAL RESEARCH METHODS AND STATISTICS**

### **Unit - I : Introduction**

Definition of Social Research - Nature and Scope of Social research - Steps in Social Research - Types of research - Importance of Social Research - Ethics in Social Research.

### **Unit - II : Formulation of Research Problem**

Identification of Research Issues - Selection of Research Problem - Formulation of Research Problem - Variables - Hypothesis.

### **Unit - III : Sampling Techniques and Data Collection**

Definition and significance of sampling techniques - Types of sampling methods - Merits and demerits of sampling methods - Sources of data collection - Uses of electronic sources - Methods of data collection - Organization of data - Presentation of data.

### **Unit - IV : Statistical Analysis**

Measures of central tendency - Mean, median and mode meaning, computation, merits and demerits - Measures of dispersion - Range mean and standard deviation computation, merits and demerits.



## **Unit - V : Report Writing**

Structure of Main body the research report - Title, Table of contents, lists of tables and figures, acknowledgement - Characteristics of good report.

### **Reference**

1. Bose, Pradip Kumar (1995), Research Methodology, ICSSR, New Delhi.
2. Hughes, John (1987), The Philosophy of Social Research, Longman, London.
3. Mukherjee P.N. (eds) (2000), Methodology in Social Research, Dilemma and Perspectives, Sage Publication India Pvt. Ltd., New Delhi.
4. Punch Keith (1986), Introduction of Methodology, Sage Publication India Pvt. Ltd., New Delhi.
5. Hoyle H. Rich et. al., (2002) Research Methods in Social Relations, Wadsworth, Publication, U.S.A.

## **PAPER IV - BASICS OF PHYSIOLOGY**

### **Unit - I : Introduction of Physiology**

The Cell and General Physiology / Functional organization of the Human body - The cell and its function : Membranes / Cytoplasm / Nucleus / Mitochondria - Cell function and cell reproduction : DNA / RNA - structure and function - Membrane potentials and action potentials : Homestasis aging.

## **Unit - II : The Kidneys and body fluids**

Introduction : Body fluid components : Extra cellular volume / water / edema - Urine formation : physiology and anatomy of the kidneys / Renal blood flow.

## **Unit - III : Respiration**

Introduction : Mechanics / pulmonary volumes and capacities / Tidal volume / functions of the respiratory passages - Transport of oxygen and carbondioxide : Diffusion and O<sub>2</sub> uptake - Regulation of respiration : Carbon dioxide and Hydrogen ions. Aviation / High altitude : Hypoxia / Chronic Mountain sickness.

## **Unit - IV : Gastro - Intestinal physiology**

Introduction general principles / motility / blood circulation / movements in the Gastro - Intestinal tract - Transport mechanism : Chewing / deglutition / stomach emptying regulation / Movements of the small intestine / Defecation secretory functions : general principles / secretion.

## **Unit - V : Sports physiology**

Introduction : strength / power and endurance of muscles - Nutrients and muscle activity - Respiration in exercise - Body heat in exercise - Drugs and athletes.

## **Reference**

1. Text book of Medical Physiology - Guyton and Hall.
2. Review of Medical Physiology - William F. Ganong.
3. Text book of Physiology - Samson Wright.

# **ALLIED II - SOCIAL ANTHROPOLOGY**

## **Unit - I : Introduction**

Meaning and scope of Anthropology - branches of anthropology : physical, cultural and applied anthropology - Relate with other social sciences.

## **Unit - II : Culture**

Attributes of culture - Culture complex - Culture integration - Enculturation and transculturation.

## **Unit - III : Marriage**

Forms of marriage - exogamy and endogamy, Cross coupling marriages, Levirate and sororate - Hypergamy and hypo-gamy - Ways of acquiring a mate.

## **Unit - IV : Kinship**

Types of kinship : Consanguineous and affinal, degree of kinship descent, lineage, residence, authority - Kinship : usage, moiety and phratry.

## **Unit - V : Religion and Magic**

Religion animism - animatisms, bongaism totemism, natrism religion practitioners - Shaman, Witch and Sorcerers, Priest Magic : types and functions of Magic.

## **Reference**

1. Lucy Mair, An Introduction to Social Anthropology, Oxford University Press.
2. D.N. Madan and Majumdar, An Introduction to social anthropology, Mayor Paper Backs.
3. Carol R. Ember, Melvin Ember, Anthropology, Prentice Hall of India Pvt. New Delhi.
4. Mahan Jha, An Introduction to social anthropology, Sagi Publication, New Delhi, 1994.
5. Beals, R & Haijer, H (1960) Introduction to anthropology, Mac Millan, New Delhi.
6. Richney, H. Crapo (1999) Cultural Anthropology, Brown and Bench Mart.

## **THIRD YEAR**

### **PAPER V - MEDICAL SOCIOLOGY**

#### **Unit - I : Introduction**

Definition, objectives, principles, scope and its relevance to patient care - difference between sociology of medicine and sociology in medicine, historical development of medical sociology in the west and in India. Current trends in medical sociology in the Indian Health Scene. The emerging relationship between medicine and sociology, social perspectives of Health and health care.

## **Unit - II : Sociological perspectives on health**

The sick role illness as lived experience - social structure, health and disease - social and psychological factors in health and illness Parsons' role theory and health interaction. Social context of health : Thinking about health, disease, illness and sickness, official definitions of health, lay definitions of health, towards a social model of health, the contribution of sociology and social policy.

## **Unit - III : Social Epidemiology**

Meaning socio cultural factors bearing on health in India - Common occupational diseases and prevention of occupational diseases - Infectious and Physical Deficient Diseases - a) Tuberculosis, Malaria, b) Heart diseases, diabetes, obesity.

## **Unit - IV : Health profession and health organization**

Professional qualities of physician - professionalization of physician - Doctor - nurse relationship, Doctor - patient relationship - Hospital as a social organization - Structure and function of a hospital - Cost of hospitalization - Medical social service in a hospital.

## **Unit - V : Health Education**

Preventive and protective hygienic habits sociology of health policy in India population and health in India. Relevance of sex education - Aids and HIV - aging - Social gerontology.

## **Books for Reference**

1. Cockerham, William, C. Medical Sociology Englewood Cliffs, Prentice Hall, 1978.
2. Park K. Text Book of Preventive and Social Medicine, M/s. Banarsidas Bhanot Publishers, Jabalpur, 2000.
3. Anne, Marie Barry and Chris Yuill, Understanding health - A sociological introduction, Sage Publications, New Delhi, 2002.
4. DAK T.M. Sociology of health in India, Kaveri Printers Private Ltd., New Delhi, 1991.
5. Eugene B. Gallagher and Janardan Subedi, Global Perspectives on Health Care, Prentice Hall, Jersey, 1995.
6. Graham Scomber Sociological theory and Medical Sociology, Tavistock Publications : London and New York, 1987.
7. Kevin White, An Introduction to the Sociology of Health and Illness, Sage Publications, New Delhi, 2002.
8. Rajiv Mista et. al., India Health Report, Oxford University Press, New Delhi, 2003.

## **PAPER VI - COMMUNITY HEALTH**

### **Unit - I : Introduction**

Community as a central concept in sociology - community as social and cultural capital, community participation as a critical variable in health care, dysfunctions of community - Its meaning and scope, evolution of social medicine in India, Medicine and its relation to other social

institutions - Family and disease - Family, the basic unit of study, the family and socialization - social change and the family, the role of a family, influence of family, theories of family.

## **Unit - II : Social Epidemiology**

Meaning of social epidemiology - Vital statistics - Uses and sources of vital and health statistics, Components of Epidemiology, Natural history of diseases, Social etiology, ecology of health and diseases.

## **Unit - III : Disease, health and rehabilitation**

Concepts of health and disease, Attitudes and beliefs associated with diseases, preventive and curative medicine. Types of Rehabilitation, systems of medical beliefs and practices.

## **Unit - IV : The primitive and folk medicine**

The commonalties between primitive and modern medicine, characteristics of primitive and folk medicine, the place of magic in primitive society, theories of primitive medicine, The medical lore of the Azande, folk medicine in western society : Folk medicine in Magdalan cultural dimensions of health behaviour among Oraons in India.

## **Unit - V : Hospital and health professionals**

Hospital and its evolution as a health institution, Types of hospitals in India, hospital as community institution, hospital - patient role, professionalization of the physician, the specialization of the physicians, the physicians and social

change, nursing profession: its past, present and future -  
Community health in India : Health care system - levels of  
health care and community participation - principles of  
primary health care in India.

## **Reference**

1. Benjamin, Paul D (Eds.) (1965) Health Culture and Community, New York, Russelsage Foundation.
2. Coe, Rodney M (1970) Sociology of Medicine, New York : McGraw Hill.
3. Cockerham, William C (1978) Medical Sociology, Engelwood Cliffs : Prentice Hall.
4. Dubos, R.J. (1960), Man, Medicare and Environment, New York : New American Library.
5. Freeman, Howard E and Sol Levine (1989) Handbook of Medical Sociology, Englewood Cliffs : Prentice Hall.
6. Mahadevan, Kuttan (Etd.) (1992) Health Education for Quality of Life, Delhi : B.R. Publishing Co.
7. Park, J.E. and K. Park (1989) Essentials of Community Health Nursing, Jabalpur : Banarasidas Bharat Publishers.
8. Park, J.E. and K. Park (1983), Text Book of Preventive and Social Medicine, Jabalpur : Banarasidas Bharat Publishers.
9. Sunders, Cycle (1954) Cultural Differences in Medical Care New York : Russelage Foundation.



## **PAPER VII**

### **HEALTH PRACTICES IN INDIAN SOCIETY**

#### **Unit - I : Approaches to the study of Indian Society**

Sociological and social anthropological approaches, Historiographic approach, Social and cultural geographical approaches, Ecological approaches, Demographic approaches, Social and cultural approaches to health and disease in India.

#### **Unit - II : Tribal India and health practice**

Classification characteristics, economic and differentiation among tribal - changes, rise of middle class, political participation, tribe to caste acculturation - tribal movements, tribal policy and agenda, health problems and medicine among Indian tribes.

#### **Unit - III : Affliction, Therapy, Rehabilitation and Society**

Concepts of health and disease, Attitudes and beliefs associated with diseases, preventive and curative medicine - Types of Rehabilitation, systems of medical beliefs and practices.

#### **Unit - IV : Health care delivery systems**

Health infrastructure - Health care delivery system at various levels education about prevailing health problems, access to health services - Social and economic inequalities of health historical evaluation private sector in health care provision, reforms and insurance.

## **Unit - V : Health care policy, planning and management**

Introduction - Health infrastructure in India and functional parameters - Policy and legislation / problems - Medical ethics and law in India - First aid, disaster health care management.

### **Reference**

1. Benjamin, Paul D (Eds.) (1965) Health culture and Community, New York : Russelsage Foundation.
2. Coe, Rodney M (1970) Sociology of Medicine, New York, McGraw Hill.
3. Cockerham, William C (1978) Medical Sociology, Engelwood Cliffs : Prentice Hall.
4. Freeman, Howard E and Sol Levine (1989) Handbook of Medical Sociology, Englewood Cliffs : Prentice Hall.
5. Mahadevan, Kuttan (Etd.) (1992) Health Education for Quality of Life, Delhi : B.R. Publishing Co.
6. Park, J.E. and K. Park (1989) Essentials of Community Health Nursing, Jabalpur : Banarasidas Bharat Publishers.
7. Park, J.E. and K. Park (1983), Text Book of Preventive and Social Medicine, Jabalpur : Banarasidas Bharat Publishers.
8. Sunders, Cycle (1954) Cultural Differences in Medical Care, New york : Russelage Foundation.
9. Beteille Andre (1991), Society and Politics in India : Essays in comparative perspective, London : Athlone Press.

10. Beteille Andre (1971) Caste, Class and Power : Changing Patterns of Stratification in a Tanjore Village, Berkeley : University of California Press.
11. Bhadra, Bipul Kumar (1989) The mode of production, Social classes and the state, Jaipur : Rawat.
12. Bose, Ashish (1978) India's Urbanization 1901 - 2001, New Delhi : Tata McGraw Hill.
13. Fernandes, Walter (1996) The Emerging Dalit Identity : The Re-assertion of the Subaltern, New Delhi : ISI.
14. Gill, Rajesh (2000) Cities and Ethnic Identities : A case of De-ethnicization or Re-ethnicization, Sociological Bulletin, 49 (2), 211-228.
15. Jayaram, N (2000) The Dynamics of language in Indian Diaspora : The case of Bhojpuri / Hindi in Trinidad, Sociological Bulletin, 49 (1), 41-62.
16. Karanth, G.K. (1997) Caste After Fifty Years of Independence, Journal of Development and change, 11 (2), 319-337.
17. Pathy, Jaganath (1999) Tribe, region and nation in the Context of Indian State, Sociological Bulletin, 8 (1 & 2), 97-112.
18. Singer, Milton and Bernard Cohen (Eds.) (2001) Structure and change in India Society, Jaipur : Rawat.
19. Vidyarthi, L.P. and B.K. Rai (1976) The Tribal Culture of India, Delhi : Concept.

## **PAPER VIII - SOCIAL PROBLEMS IN INDIA**

### **Unit - I : Social Problems**

Concepts of social problems - Characteristics of social problems - Causes of social problems - Types of social problems.

### **Unit - II : Social inequality and gender issues**

Caste and social inequality - Constitutional categories: SC, ST and OBC - Protective discrimination - Violence against women : Female infanticide, female foeticide - Dowry, domestic violence rape, sexual harassment, Eve-teasing - AIDS - drug addiction.

### **Unit - III : Social Disorganization**

Drug abuse - alcoholism - cause, consequences and remedial measures - Poverty - types, causes, consequences and poverty eradication programs - Child labour - cause, consequences and eradication measures - Alienation, unemployment and occupational health hazards - Current and proposed solutions to work problems.

### **Unit - IV : Emotional and behavioural problems**

Nature and extent of emotional and behavioural problems - Mental health - issues, treatment, counseling and psychotherapy.

## **Unit - V : Problems of Elderly**

Socio economic and emotional problems of Elders - Health problems and cost of care - current and future status of elders - Services available to elders.

### **Reference**

1. Ahuja Ram (1999) Society in India Concepts, Theories and Changing Trends.
2. R.N. Sharma (1982), Indian Social Problems, Media Promoters & Pub Mumbai.
3. Beteille Andre (1992), Backward Classes in Contemporary India, OUP, New Delhi.
4. Prabhu P.H. (1970), Hindu Social Organization, Popular Prakasam, Chennai.
5. Bose N.K. (1975), Structure of Hindu Society, New Delhi.
6. Yogendra Singh (1975), Modernization of Indian Tradition.
7. Charles Zastrow (1999) Social problems - Issues and solutions. Wadsworth Thomson Learning Canada.

## **PAPER IX - HOSPITAL MANAGEMENT**

### **Unit - I : Introduction**

World History of Hospitals, History of Hospitals in India - Definition and Functions of Management - Classification of Hospital : Government Owned, Non-Government, Private or Voluntary Organization, Individual Hospitals, Differentiation of Hospital from Industry.

## **Unit - II : Hospital Organization**

Definition of an organization, Hospital management as a service organizations, Administrative organization - Formal and informal organization : Organization division - The Department, Span of management & organizational levels, Formal & informal groups - Types of groups, Informal roles of employees, Goal conflict in perspective, Role conflict and ambiguity.

## **Unit - III : Hospital Planning and Health Care Administration**

Need of planning, constraints to planning in developing countries, factors influencing modern hospitals, principles of planning, steps in hospital - Planning, architect's brief, Project report, Basic steps in project development - Equipment planning for a hospital, accident clinic - Organization structure of the hospitals - Personal administration - Financial administration - Material administration. Health care administration : Nature and scope of health care administration challenges of health and health care administration - Modernizing health care administration.

## **Unit - IV : Location & spacing of different department in a hospital**

A model design schematic layout of an ICCU : Quality of water supply - Temperature of water, Quality of water, Noise control in hospital - Additional suggestions.

## **Unit - V : Computers in Hospital Administration**

What is computer? Introduction to computer terminology, computer - Hardware and software, Some typical problems areas, Benefits summary, Implementing computerization.

### **Reference**

1. Culyer A.J., Health Indicators, St. Martin's Press, New York, 1983.
2. David R. Philips, Health and Health Care, in the Third World, Longman Scientific & Technical, New York, 1990.
3. David Robinsaon, The process of becoming ill, Routledge & Paul Ltd., London, 1971.
4. Goel, S.L. and Kumar, Hospital Administration and Management, Deep and Deep publication, New Delhi, 1993.
5. Goel, S.L., Health Care Administration : Ecology Principles and Modern Trends Sterling Publishers Private Ltd., New Delhi, 1980.
6. Goel, S.L., Health Care Administration, Levels and Aspects, Sterling Publishers Private Ltd., New Delhi, 1981.
7. Henry J. South Mayo and Geddes Smith, Small Community Hospitals, the Common Wealth Fund, 1994.

8. Joanna Kirkpatrick, *The Sociology of an Indian Hospital Ward*, Firma KLM, Private Ltd., 1979.
9. John P. Elder, *Behaviour Change and Public Health in the developing world*, sage publications, New Delhi, 2001.
10. Joseph M. Jacob, *Doctors and Rules : A Sociology of Professional Values*, Routledge sweet and Maxwell, 1988.
11. Kamamma, G., *Health and Nutritional Status in India*, APH Publishing Corporations, New Delhi, 1996.
12. Roger A. Rosenblatt & Lrans. Moscovice - *Rural Health Care*, A wiley medical publications, New York, 1982.
13. Sankara Rao, M. *Hospital Organization and Administration*, Deep and Deep publications, New Delhi, 1992.