

KERALA UNIVERSITY OF HEALTH SCIENCES

SYLLABUS

POST BASIC BSc NURSING 2ND YEAR

2010 ADMISSION

COURSES OF STUDY

1.	Sociology	60	
2.	Community Health Nursing	60.	400
3.	Mental Health Nursing	60	400
4.	Introduction to Nursing Education	60	160
5.	Introduction to Nursing Administration	60	240
6.	Introduction to Nursing Research & Statistics	45	160
Total		345	1360

Grand total - 1705

Scheme of Examination

PAPER	SUBJECT	DURATION	INT. ASS.	EXT. ASS.	TOTAL MARKS
10	Sociology	3	25	75	100
11	Community Health Nursing	3	25	75	100
12	Mental Health Nursing	3	25	75	100
13	Introduction to Nursing Education	3	25	75	100
14	Introduction to Nursing Administration	3	25	75	100
15	Introduction to Nursing Research & Statistics**	2	50		50
Practicals					
4.	Community Health Nursing		50	50	100
5.	Mental Health Nursing		50	50	100
6.	Research Project **		50	50	50

** College Examination(not University Examination)

Sociology

Placement: Second Year

Time allotted: Theory - 60 Hrs

COURSE DESCRIPTION

This course is to reorient students to sociology related to community and social institution in India and its relationship with health, illness and nursing

OBJECTIVES

At the end of the course, the student will

1. Describe sociological concepts that are applicable to nursing.
2. Determine role of sociology in nursing as related to social institutions in India
3. Develop positive attitudes towards individual, family and community.

COURSE CONTENTS

UNIT I

- Introduction
- Importance of study of sociology in nursing, relationship of anthropology, sociology, etc.

UNIT 11

- Individual and the Society
- Socialization
- Interdependence of the individual and society
- Personal disorganization

UNIT III

- Culture
- Nature of culture
- Evolution of culture
- Diversity and uniformity of culture

UNIT IV

- Social organization
- Social groups, crowds and public groups, nations, race.
- Social institutions : The family, marriage, education, religion, arts, economic organization, political organization.

- The urban & rural community in India: Ecology, characteristics of the village, characteristics of the town and city.
- Social stratification : Class and caste.

UNIT V

- Social Process
- Process of Social Interaction: Competition, conflict-war, cooperation, accommodation and assimilation.

UNIT VI

- Social change
- Nature and process of Social Change: Factors influencing cultural change. Cultural lag.

UNIT VII

- Social Problems
- Social disorganization, control & planning: poverty, population, housing, illiteracy, food supplies, growth of urbanization, prostitution, minority groups, rights of women & children, child labour, child abuse, delinquency and crime, substance abuse.

Community Health Nursing

Placement: Second Year

Time Allotted: Theory - 60 hrs

Practical -400hrs

COURSE DESCRIPTION

The course enables the students to understand the national health care delivery system and to participate in the delivery of community health nursing.

OBJECTIVES

At the end of the course, the student will

1. Explain the concept of various factors contributing to health of individual, family and community.
2. Identify the role of community health nurse.
3. Describe national health care delivery system.
4. Describe epidemiological methods and principles of prevention - and control of illness in the community.
5. Identify the role of personnel working in the community health set up.
6. Plan the work of community health nurse and supervise and train health workers.

COURSE CONTENTS

UNIT I

- Introduction
- Introduction to Community Health - Concepts, Principles and elements of Primary Health Care.
- Introduction to community health nursing.
- Concepts of community health nursing - Community nursing process.
- Objectives, scope and principles of community health nursing.

UNIT II

- Family Health Services
- Concept, objectives, scope and principles.
- Individual, family and community as a unit of service.
- Principles and techniques of home visiting.

- Establishing working relationship with the family.
- Working with families in relation to prevention of disease, promotion of health.
- Care of the sick in the home, physically handicapped and mentally challenged.
- Surveillance and monitoring.

UNIT III

- Organisation and administration of health services in India.
- National health policy
- Health Care Delivery system in India.
- Health team concept
 - Centre, State, district, urban health services, rural health services
 - System of medicines
 - Centrally sponsored health schemes
 - Role of voluntary health organizations and international health agencies
 - Role of health personnel in the community
 - Public health legislation.

UNIT IV

- Health Education
 - Aims, concepts and scope of health education.
 - National plan for health education
 - Communication techniques
 - Methods and media for health education programmes
 - Planning for health education and role of nurse

UNIT V

- Role of the community health nurse.
- National health programmes
 - Maternal and child health programmes
 - Family welfare and school health services
 - Occupational health services.
- As a member of the health team.
- Training and supervision of health care workers.

UNIT VI

- Epidemiology
- Definition - Concepts, aims, objectives, methods, principles,
- Epidemiology - Theories and Models.

- Application of Epidemiology, principles and concepts in community health.

UNIT VII

- Bio Statistics and Vital Statistics
- Introduction, definition and scope, legislation
- Report, recording and compiling of vital statistics at the local, state, national and international level.
- Definitions and methods of computing vital statistics
- Methods of presenting data
- Management Information System.

PRACTICUM

- Each student will prepare a community profile.
 - The students will be allotted families for gaining experience in identifying family health needs, health counselling and guidance and family budgeting for optimum health.
 - The students will participate in the activities of primary health centre,
 - Sub-centre, MCH Centre.
 - Visits will be made to selected health and welfare agencies, water purification plant and sewage disposal plant, Infectious disease hospital.
 - Conduct health educational programmes for individual/groups/ community.

Mental Health Nursing

Placement: Second Year

Time Allotted: Theory - 60 hrs
Practical - 400hrs.

COURSE DESCRIPTION

This course enable the students to recognize and appreciate the causes, symptoms and process of abnormal human behaviour. It also introduces the student to the present day treatment modalities in the light of psychological, social and cultural factors affecting human behaviour. This course helps the student to learn principles of mental health and psychiatric nursing and to develop beginning skills in the management of the mentally ill in hospital and community.

OBJECTIVES

At the end of course, the student will

1. Identify and describe the philosophy and principles of mental health nursing.
2. Describe the historical development of mental health and psychiatric nursing.
3. Classify mental disorders.
4. Develop skill in history taking and performing mental status examination.
5. Describe etiological factors, psycho-pathology, clinical features, diagnostic criteria and treatment methods used for mental disorders.
6. Manage the patients with various mental disorders.
7. Communicate therapeutically with patients and their families
8. Identify role of the nurse in preventive psychiatry.
9. Identify the legal aspects in practice of mental health and psychiatric nursing.

COURSE CONTENTS

UNIT I

- Introduction and Historical Development
- History of psychiatry
- Historical development of mental health nursing.
- Philosophy, principles of mental health and psychiatric nursing.
- Concept of normal and abnormal behaviour.
- Role and qualities of mental health and psychiatric nurse

- Mental health team and functions of team members.
- Legal aspects in psychiatry and mental health services.

UNIT II

- Classification and assessment of mental disorders
- Terminologies used in Psychiatry
- Classification of mental disorders
- Etiological factors and psychopathology of mental disorders
- History taking and assessment methods for mental disorders.

UNIT III

- Therapeutic Communication
- Communication process
- Interview skills, therapeutic communication techniques. Nurse Patient Relationship, Therapeutic impasse and it's management Process recording.

UNIT IV

- Management of mental Disorders
 - Etiological factors, psychopathology, types, clinical features, diagnostic criteria, treatment and nursing management of patient with following disorders:
 - Neurotic Disorders: Anxiety Neurosis, Depressive Neurosis, Obsessive Compulsive Neurosis, Phobic Neurosis and Hypochondriacal Neurosis, Stress related and Somatoform disorders.
 - Psychotic Disorders: Schizophrenic form, affective and organic psychosis.
 - Organic Brain Syndromes
 - Psychosomatic disorders
 - Personality disorders
 - Disorders of childhood and adolescence.

UNIT V

- Management of patients with Substance use disorders
- Substance use and misuse.
- Dependence, intoxication and withdrawal
Classification of psychoactive substances

Etiological & contributory factors

Psychopathology

Clinical features

Diagnostic criteria

- Treatment and nursing management of patient with substance use disorders.
- Preventive and rehabilitative aspects in substance abuse.

UNIT VI

- Management of mental sub-normality
- Classification of mental sub-normality
- Etiological factors, psychopathology, psychometric assessment, diagnostic criteria and management of sub-normality.

UNIT VII

- Psychiatric Emergencies
- Types of emergencies, psychopathology, clinical features, assessment and diagnosis, treatment and nursing management of patient with psychiatric emergencies.
- Crisis Intervention therapy.

UNIT VIII

- Therapeutic Modalities
- Principles, indication, contraindications and role of nurse in various treatment methods:

Therapeutic community and Milieu therapy

Occupational therapy

Psychotherapy

Behaviour therapy

Group therapy

Family therapy

Pharmacotherapy

Electro convulsive therapy

Other miscellaneous therapies.

UNIT IX

- Preventive Psychiatry
- Model of prevention

- Role of nurse in preventive psychiatry
- Psychiatric social work
- Community mental health nursing
- Community mental health agencies
- National mental Health Programmes.

PRACTICUM

The student will be provided opportunity to :

- Observe, record and report the behaviour of their selected patients.
- Record the process of interaction.
- Assess the nursing needs of their selected patients, plan and implement the nursing intervention.
- Counsel the attendant and family members of patient.
- Participate in the activities of psychiatric team.
- Write observation report after a field visit to the following places:
 - Child guidance clinic,
 - School/Special Schools (For mentally subnormal),
 - Mental Hospital,
 - Community mental health centres,
 - De-addiction centre.

Introduction to Nursing Education

Placement: Second Year

Time Allotted: Theory - 60 Hrs.

Practical -160hrs

COURSE DESCRIPTION

This course introduces the students to principles and concepts of education, curriculum development and methods and media of teaching. It also describes the steps in curriculum development and implementation of educational programmes in nursing.

OBJECTIVES

At the end of the course, the students will

1. Describe the philosophy and principles of education.
2. Explain the teaching - learning process
3. Develop the ability to teach, using various methods and media.
4. Describe the process of assessment.
5. Describe the administrative aspects of school of nursing
6. Participate in planning and organizing an in-service education programme.
7. Develop basic skill of counselling and guidance.

COURSE CONTENTS

UNIT I

- Introduction to education

Meaning of education, aims, function and principles.

- Philosophy of education

Factors influencing development of Philosophy of nursing education.

UNIT II

- Teaching learning process
- Nature and characteristics of learning,
- Principles and maxims of teaching
- Formulating objectives
- Lesson planning.

UNIT III

- Methods of teaching

Teaching methods

Lecture

Discussion

Demonstration

- Group discussion
- Project
- Role play
- Panel discussion
- Symposium
- seminar
- Field trip
- Workshop
- Exhibition
- Programmed instruction
- Computer assisted learning.
- Clinical teaching methods:
 - Case methods
 - case presentation
 - nursing rounds and reports
 - bedside clinic
 - conference (individual and group)
 - recording of interaction process.

UNIT IV

- Educational media
- The communication process: factors affecting communication.
- Purposes and types of audio-visual aids.
- Graphics aid: chalk-board, charts, graphs, posters, flash cards, flannel graph/ khadigraph, bulletin, cartoon,
- Three dimensional aids: objects, specimen, models, puppets.
- Printed aids: pamphlets and leaflets
- Projected aids: slides, films and televisions, VCR, VCP, overhead projector, camera, microscope.
- Audio-aids: tape-recorder, public address system, computer

UNIT V

- Methods of assessment
- Purpose and scope of evaluation and assessment
- Criteria for selection of assessment techniques and methods
- Assessment of knowledge: essay type question, SAQ (Short Answer Questions),
- MCQ (multiple choice questions),
- Assessment of skills: Observation, Check list. Practical Examination, Viva, Objective structured clinical examination.
- Assessment of attitude: Attitude scale

UNIT VI

- Management of School of Nursing
- Planning of School of nursing, organization.
- Recruitment of teaching staff, budget, facilities for the school, student selection and admission procedure, administrative planning for students, welfare services for students, maintenance of school records, preparation of annual reports. INC guidelines for school of nursing.

UNIT VII

- Guidance and Counselling Definition
- Basic principles of guidance and counselling
- Organisation of guidance and counselling services
- Counselling process
- Managing disciplinary problems
- Management of crisis

UNIT VIII

- In-service education
- Introduction to nature and scope of in-service education programme
- Principles of adult learning
- Planning for in-service programme
- Techniques, and methods of staff education programme
- Evaluation of in -service programme.

PRACTICUM

Each student should:

- Conduct five planned teaching using different methods and media.
- Prepare different types of teaching aids
- Plan, organize and conduct in-service education programme.
- Conduct at least one counselling session.'
- Prepare rotation plans.

Introduction to Nursing Service Administration

Placement: Second Year

Time Allotted: Theory – 60 Hrs.

Practical -240 Hrs

COURSE CONTENTS

This course is designed to give an opportunity to the student to gain an understanding of the principles of administration and its application to nursing service. It is also intended to assist the students to develop an understanding of professional leadership need.

OBJECTIVES

At the end of the course, the student will

1. Identify the principles of administration
2. Describe the principles and techniques of supervision
3. Explain the principles and methods of personnel management
4. Explain the principles of budgeting
5. Organise and manage a nursing unit effectively
6. Identify dynamics of organizational behaviour, styles and functions of effective leadership.

COURSE CONTENTS

UNIT I

- Principles and Practice of Administration
- Significance, elements and principles of administration,
- Organisation of Hospital -Definition, Aims, functions and classifications, health team.
- Policies of hospital, different departments with special emphasis to department of nursing & office management.
- Responsibilities of the nursing personnel specially of ward sister, medico legal aspects, concept of cost effectiveness.

UNIT II

- Nursing Unit Management
- Physical layout of a nursing unit and necessary facilities
- Factors affecting the quality of nursing care.
- Maintenance of a therapeutic environment

- Administration of the unit -management of patient care.
- Maintenance of physical environment.
- Assignment of duties and time plan.
- Patient assignment, safety measures, prevention of accidents and infections,
- Maintenance of patients records and reports, legal responsibilities.
- Maintenance of quality nursing care, nursing audit.

UNIT III

- Personnel management
- Staff recruitment and selection, appointment, promotions, personnel policies and job descriptions,
- Job analysis.
- Staffing the unit, staffing norms, rotation plan, leave planning, performance appraisal, staff welfare and management of disciplinary problems.

UNIT IV

- Supervision
 - Principles of supervision, nature and objectives
- Tools and techniques of supervision

- Evaluation
- Nursing audit
- Staff development - orientation program
- Skill training
- Leadership development.
- Problem solving process.

UNIT V

- Material Management
- Principles of material management,
- Quality control.
- Inventory, care of equipment, safekeeping
- Role of nursing personnel in material management.
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UNIT VI

- Financial Management
- Budgeting - Principles of budgeting, audit.

UNIT VII

- Organisational Behaviour
- Group dynamic and human relation, organizational communication (hospital information system)
- Public relations, leadership styles and functions.
- Methods of reporting.
- Maintaining records and reports.

PRACTICUM

- Observe the functioning of nursing administration at various level i.e. institution, department, unit.
- Each student will practice ward management under supervision
- Student will prepare rotation plan of the staff, write reports, give verbal reports of the ward and assist in maintaining the inventory of the nursing unit.
- Visit to private and Government hospital and write observation reports.

Introduction to Nursing Research and Statistics

Placement: Second Year

Time Allotted: Theory - 45 Hrs.
Practical -160 Hrs

COURSE DESCRIPTION

The course is designed to assist the students to develop an understanding of basic concepts of research and statistics, use the findings of nursing research in nursing practice, apply the knowledge in conducting project(s) and solve problems related to nursing using scientific method.

OBJECTIVES

At the end of the course, the students will :-

1. Define the terms and concepts of nursing research
2. Identify needs and scope of nursing research
3. Identify and define a research problem
4. Locate and list sources of literature for a specific study
5. Describe different research approaches, methods of data collection and sampling techniques with a special reference to survey method.
6. Develop tool for data collection
7. Enumerate steps of data analysis and present data summary in tabular form
8. Use descriptive and eco-relational statistics in data analysis
9. Conduct a group research project

COURSE CONTENTS

A. INTRODUCTION TO RESEARCH METHODOLOGY

UNIT I

- Steps of scientific methods
- Definition of research
- Need for nursing research
- Characteristics of good research. Research Process.
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UNIT 11

- Statement of research problem.
- Statement of purpose and objectives.
- Definition of research terms.
- Review of literature.

UNIT III

- Research approaches: - historical, survey and experimental

UNIT IV

- Sampling Techniques and methods of data collection.
- Sampling
- Instruments-questionnaire. Interview
- Observation schedule, records, measurements
- Reliability and validity of instruments.

UNIT V

- Analysis of data: tabulation
 - classification and summarisation
 - presentation
 - interpretation of data

UNIT VI

- Communication of research findings
- Writing report
 - organising materials for writing
 - format of the report
 - use of computers

B INTRODUCTION TO STATISTICS

UNIT VII

- Descriptive Statistics
- Frequency Distribution - Types of measure - frequencies, class interval, graphic methods of describing frequency.
- Measures of Central Tendency-mode, Median and Mean.
- Measures of variability: Range. Standard deviation:
- Introduction to normal probability.

UNIT VIII

- Correlation
- Computation by rank difference methods.
- Uses of correlation co-efficient.

UNIT IX

- Biostatistics: Crude rates and standardized rates, ratio and estimation of the trends.

UNIT X

- Introduction to computers in nursing
- Introduction to computers and disk-operating system,
- Introduction to word processing
- Introduction to data base
- Windows applications, word, excel, power point, multimedia.
- Use of statistical packages.
- Introduction to Internet & use of electronic mail
- Computer aided teaching & testing.

PRACTICUM

Students will conduct research project in small groups in selected areas of nursing and submit a report (Group studies may include studying of existing health practices, improved practices of nursing (procedures), health records, patient records and survey of nursing literature).