



D. Y. PATIL EDUCATION SOCIETY, KOLHAPUR

(Institution Deemed to be University)

D.Y.PATIL COLLEGE OF NURSING

PROGRAMME OUTCOME FOR B.Sc. (N)

- 1) **Quality Nursing education & knowledge:** Impart professional nursing education from physical biological behavioral sciences, alternative & complimentary therapies which builds highest level of knowledge for promotive preventive & curative aspects of nursing care for individual, families & communities.
- 2) **Communication & IPR:** Communicate effectively with individual & groups, members of health team in order to promote effective interpersonal relationships & team work.
- 3) **Evidenced based research approach:** Utilizing the evidenced based approach in Nursing practice to provide the highest quality & most cost-effective patient care possible which can decrease the demand for health care resources.
- 4) **Nurse & Health care system:** Ensuring adequate qualitative, preventive & curative health to community. Improving the primary health of the community with improvement of quality of life. To be an effective integral part of the health care delivery system.
- 5) **Nursing Profession- Ethics & Professional conduct:** Prepare the nurses with the foundation of Code of Ethics & professional conduct with acceptable standards of Nursing practices towards the view of legal boundaries.
- 6) **Advanced Technical competencies& life-long learning:** to determine the core competencies of trends in the comprehensive nursing care. To adapt to new advance technology in direct patient care & academic teaching. To impart the information technologies to support online teaching & learning process as well as cost effective patient care rendering the E-health care services. Motivate the need of continued learning for personal & professional enhancement.
- 7) **Expanded & Extended roles in Nursing Profession:** expansion of professional knowledge & application of this knowledge for the comprehensive care of all age group which may be part of hospital or community.
- 8) **Problem solving & critical thinking:** Critically analyzes the data & generates meaningful evidence using scientific methodologies to improve healthcare.

COURSE OUTCOME FOR B. Sc (N) FIRST YEAR

1. ENGLISH

SPECIFIC OUTCOME

To enhance ability to comprehend spoken and written English (and use English) required for effective communication in their professional work. Students will practice their skills in verbal and written English during clinical and classroom experience.

COURSE OUTCOME

- Apply the concepts and principles of English Language use in professional development such as pronunciation, vocabulary, grammar, paraphrasing, voice modulation, Spelling, pause and silence.
- Converse effectively, appropriately and timely within the given context as an individual or to the team they are communicating with either face to face or by other means.
- Develop good vocabulary skills or better communication.
- Effectively communicates with patients while rendering care.
- Understands methods of writing and drafting letters in English.
- To plan and write effective nursing process and records.

2. ANATOMY AND PHYSIOLOGY

SPECIFIC OUTCOME

To assist students to acquire the knowledge of the normal structure of human body & functions. To ensure the students to understand the alternation in anatomical structure and function in disease and practice of Nursing

COURSE OUTCOME

- Describe the general structure and functions of the body as a whole.
- Describe the general and microscopic structure and functions of each system of the body.
- Explain the macroscopic and microscopic structure and functions of each organs of the body.
- Understand the effects of alterations in structures and functions of as whole.
- Apply the knowledge of anatomy and physiology in the practice of nursing.

3. NUTRITION & BIOCHEMISTRY

SPECIFIC OUTCOME

To acquire knowledge of the normal biochemical composition and functioning of human body and understand the alterations in biochemistry in diseases for practice of nursing.

COURSE OUTCOME

- To understand the concept of nutrition & health.
- Understand different types of nutrients, their importance, sources, functions and problems due to deficiency.
- To plan balanced diet for individuals and groups.
- Plan menu efficiently.
- Explain methods of effective cooking and food preservation.
- Apply the principles of food preparation in the practical field effectively

4. NURSING FOUNDATION

SPECIFIC OUTCOME

To develop an understanding of the philosophy, objectives, theories and process of nursing in various supervised clinical settings. It is aimed at helping the students to acquire the knowledge, understanding and skills in techniques of nursing and practice them in supervised clinical setting.

COURSE OUTCOME

- Knowledge on concept of health, health-illness continuum and health care delivery system.
- Knowledge on scope of nursing practice.
- Knowledge on concept, theories and models of nursing practice.
- Desirable attitude to ethics and professional conduct.
- Skill in communicating effectively with patients and families and team members to maintain effective human relations.
- Skill in health assessment and monitoring of patients.
- Skill in carrying out basic nursing care procedures.
- Skill in caring for patients with alterations in body functions.
- Skill in applying steps of nursing process in the care of clients in the hospital and community.
- Skill in applying scientific principles while performing nursing care.

- Skill in documentation.
- Skill in meeting basic psychosocial needs of the clients.
- Knowledge on principles and techniques of infection control.
- Confidence and competence in caring of terminally ill patients.

5. PSYCHOLOGY

SPECIFIC OUTCOME

To acquire knowledge of fundamentals of psychology and develop an insight into behaviour of self and others. Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

COURSE OUTCOME

- Understand the importance of psychology in personal and professional life.
- Understands the biology of human behaviour.
- Understands cognitive and affective processes of human mind.
- Develops an understanding of self and others.
- Understand the influence of personality of human behaviour.
- Appreciates developmental psychology.
- Understands the significance of mental hygiene and mental health.
- Assist with psychological assessments and tests

6. MICROBIOLOGY

SPECIFIC OUTCOME

To acquire understanding of fundamentals of Microbiology and identification of various micro-organisms. It also provides opportunities for practicing infection control measure in hospital and community setting.

COURSE OUTCOME

- Explain concepts and principles of microbiology and their importance in nursing.
- Understand the commensal, opportunistic and pathogenic organisms of human body and describe host parasite relationship.
- State the sources and modes of transmission of pathogenic and opportunistic organisms including vectors and their role in transmission of diseases.
- Be conversant with proper methods of collection, storage and transport of clinical material for microbiological investigations.

- Understand the principles of immunology and its application in the diagnosis and prevention of infectious diseases.

7. INTRODUCTION TO COMPUTER

SPECIFIC OUTCOME

Development of basic understanding of uses of computer and its applications in nursing.

COURSE OUTCOME

- Identify & define various concepts used in computer.
- Identify & describe application of computer in nursing.
- Describe & use the DOS & Windows
- Describe & demonstrate skill in the use of MS-office.
- Describe & demonstrate skill in using multimedia & computer aided teaching & testing.
- Identify & demonstrate use of internet & e-mail
- Describe & use the statistical packages
- Describe the use of Hospital Management System

COURSE OUTCOME FOR B. Sc (N) SECOND YEAR

SOCIOLOGY

- CO1.State the importance of sociology in nursing
- CO2. Describe the interrelationship of individual in society and community
- CO3. Describe the influence of culture on health and disease
- CO4. Identify various social groups and their interactions
- CO5. Explain the growth of population in India and its impact on health
- CO6. Describe the institutions of family and marriage in India
- CO7. Describe the class and caste system and their influence on health and health practices
- CO8. Describe the types of communities in India, their practices and the impact on health
- CO9. Explain the process of Social Change
- CO10. Describe the social system and inter relationship of social organizations
- CO11. Explain the nature and process of social control
- CO12. Describe the role of the nurse in dealing with social problems in India

PHARMACOLOGY

- CO1. Describe Pharmaco-dynamics, pharmaco-kinetics, classification and the principles of drug administration
- CO2. Explain chemotherapy of specific infections, infestations and nurse's responsibilities
- CO3. Describe antiseptics, disinfectants, insecticides and nurse's responsibilities
- CO4. Describe the drugs acting on Gastro Intestinal system and nurse's responsibilities
- CO5. Describe drugs used on Respiratory Systems and nurse's responsibilities
- CO6. Describe drugs used on Urinary system and nurse's responsibilities
- CO7. Describe drugs used in de-addiction, emergency, deficiency of vitamins & minerals, poisoning, for immunization and Immunosuppression and nurse's responsibilities
- CO8. Describe the drugs used on skin and mucous membranes and nurse's responsibilities
- CO9. Describe Drugs used on Nervous System and nurse's responsibilities
- CO10. Describe Drugs used on Cardio-vascular system and nurse's responsibilities
- CO11. Describe drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy and nurse's responsibilities
- CO12. Demonstrate awareness of the common drugs used in alternative system of medicine

PATHOLOGY AND GENETICS

Section A - Pathology

- CO1. Define the common terms used in pathology.
- CO2. Appreciate the deviations from normal to abnormal structure and functions of the body system.
- CO3. Explain Pathological changes in disease conditions of various systems
- CO4. Describe various laboratory tests in assessment and monitoring of disease conditions

CO5. Describe the laboratory tests for examination of body cavity fluids, transudates and exudates

CO6. Describe the laboratory tests for examination of urine and faeces

SECTION – B GENETICS

CO1. Explain nature, principles and perspectives of heredity

CO2. Explain Maternal, prenatal and genetic influences on development of defects and diseases

CO3. Explain the screening methods for genetic defects and diseases in neonates and children

CO4. Identify genetic disorders in adolescents and adults

CO5. Describe the role of nurse in genetic services and counseling

MEDICAL SURGICAL NURSING

(ADULT INCLUDING GERIATRICS)-I

CO1. Appreciate the trends in medical and surgical nursing

CO2. Describe the role of a nurse in caring for adult patient in hospital and community

CO3. Describe the concepts of medical surgical asepsis

CO4. Describe the common signs, symptoms, problems and their specific nursing interventions

CO5. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of respiratory system

CO6. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of digestive systems

CO7. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with blood and cardiovascular problems

CO8. Describe the vascular conditions and its nursing management

CO Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of genito-urinary systems

CO9. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of male reproductive system

CO10. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of endocrine system

CO11. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of skin

CO12. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculo- skeletal system

CO13. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of immunological system

CO14. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with communicable Diseases

CO15. Describe the organization and physical set up of operation theatre

- Identify the various instruments and equipments used for common surgical procedures
- Describe the infection control measures in the Operation Theatre

- Describe the role of the nurse in the Operation Theatre

MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS)-I

PRACTICAL (720 hours- II year)

General Medical ward

CO1. Provide nursing care to adult patients with medical disorders

CO2. Counsel and educate patients and families

General surgical ward

CO3. Provide pre and post operative nursing care to adult patients with surgical disorders

CO4. Counsel and educate patients and families

Cardiology Ward

CO5. Provide nursing care to patients with cardiac disorders

CO6. • Counsel and educate patients and families

Skin and communicable diseases

CO7. Identify skin problems

CO8. Provide nursing care to patients with skin disorders & communicable diseases

CO9. Counsel and educate patients and families

Orthopaedic Ward

CO10. Provide nursing care to patients with musculo-skeletal disorders

CO9. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of male reproductive system

CO10. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of endocrine system

CO11. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of skin

CO12. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculo- skeletal system

CO13. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of immunological system

CO14. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with communicable Diseases

CO15. Describe the organization and physical set up of operation theatre

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CO5. Provide nursing care to patients with cardiac disorders

CO6. Counsel and educate patients and families

Skin and communicable diseases

CO7. Identify skin problems

CO8. Provide nursing care to patients with skin disorders & communicable diseases

CO9. Counsel and educate patients and families

Orthopaedic Ward

CO10. Provide nursing care to patients with musculo-skeletal disorders

CO11. Counsel and educate patients and families

Operation Theatre

CO12. Identify instruments used in common operations

CO13. Participate in infection control practices in the operation theatre

CO14. Set-up the table/ trolleys for common operative procedures

CO15. Assist in giving anesthesia

CO16. Assist in the operative procedures

CO17. Provide perioperative nursing care

COMMUNITY HEALTH NURSING – I

CO1. Describe concept and dimensions of health

CO2. Describe determinants of health

CO3. Describe the concept, scope, uses methods and approaches of epidemiology

CO4. Describe Epidemiology and nursing management of common communicable diseases

CO5. Describe Epidemiology and nursing management of common Non-communicable diseases

CO6. Describe the concepts and scope of demography

CO7. Describe methods of data collection, analysis and interpretation of demographic data

CO8. Identify the impact of population explosion in India

CO9. Describe the methods of population control

COMMUNITY HEALTH NURSING I - PRACTICAL

Build and maintain rapport

Identify demographic characteristics, health determinants and community health resources

Diagnose health needs of individual and families

Provide primary care in health centre

Counsel and educate individual, family and community

COMMUNICATION & EDUCATIONAL TECHNOLOGY

CO1. Describe the communication process

CO2. Identify techniques of effective communication

CO3. Establish effective inter-personal relations with patients, families & co-workers

- CO4. Develop effective human relations in context of nursing
- CO5. Develop basic skill of counseling and guidance
- CO6. Describe the philosophy & principles of education
- CO7. Explain the teaching learning process
- CO8. Demonstrate teaching skill using various teaching methods in clinical, classroom and community settings
- CO9. Prepare and use different types of educational media effectively
- CO10. Prepare different types of questions for assessment of knowledge, skills and attitudes
- CO11. Teach individuals, groups, and communities about health with their active participation

ENVIRONMENTAL STUDIES

- CO1. Describe nature of environmental studies
- CO2. Explain uses of natural resource and the effects of exploitation
- CO3. Describe the types of Ecosystems
- CO4. Explain ecosystem diversity and Conservation of biodiversity
- CO5. Explain Causes, effects and control measures of environmental Pollution
- CO6. Describe the environmental social issues and the possible solutions
- CO7. Explain the human population and its impact on health
- CO8. Identify the local polluted sites and draw out the remedy measure

COURSE OUTCOME FOR B. Sc (N) THIRD YEAR

MEDICAL SURGICAL NURSING (ADULT INCLUDING GERIATRICS)- II

- CO1. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of Ear Nose and Throat
- CO2. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of Eye.
- CO3. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with neurological disorders
- CO4. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with disorder of female reproductive system
- CO5. Describe the concept of reproductive health and family welfare programme
- CO6. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with burns, reconstructive and cosmetic surgery
- CO7. Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with oncological conditions
- CO8. Describe organization of emergency and disaster care services and describe the role of nurse in disaster management
- CO9. Describe the role of nurse in management of common emergencies
- CO10. Explain the concept and problems of ageing and Nursing care of the elderly
- CO11. Describe organization of critical care units and describe the role of nurse in management of patients in critical care units
- CO 12. Describe the etiology, pathophysiology, clinical manifestations, assessment, diagnostic measures and management of patients with occupational and industrial health disorder

MEDICAL SURGICAL NURSING (ADULT AND GERIATRICS)- II- PRACTICAL ENT

- CO1. Provide care to patients with ENT disorders
- CO2. Counsel and educate patient and families Ophthalmology
- CO3. Provide care to patients with Eye disorders
- CO4. Counsel and educate patient and families OT – Eye, ENT, Neuro
- CO5. Identify instruments

- CO6. Assist in OT set up
 - CO7. Supervise sterilization
 - CO8. Assist in OT table layout and observe immediately after operation
 - CO9. Supervise infection control Neurology
 - CO10. Provide care to patients with neurological disorders
 - CO11. Counsel and educate patient and families Gynecology ward
 - CO12. Provide care to patients with gynecological disorders
 - CO13. Counsel and educate patient and families Burns & plastic reconstructive surgery
 - CO14. Assess the severity of burns
 - CO15. Administer rehydration therapy
 - CO16. Provide care to patients with Burns
 - CO17. Counsel and educate patient and families
 - CO18. Observe reconstructive surgery Oncology Unit
 - CO19. Provide care to patients with cancer
 - CO20. Counsel and educate patient and families Critical care unit (Neuro, general ICU)
 - CO21. Provide care to critically ill patients
 - CO22. Counsel patient and families for grief and bereavement
 - CO23. Develop skill in neurological assessment
 - CO24. Give care to the patient with head injury and spinal injury
 - CO25. Care with chest surgery and cranial surgery Casualty/ Emergency
 - CO26. Provide care to patients in emergency and disaster situation
 - CO27. Counsel patient and families for grief and bereavement
- CHILD HEALTH NURSING**
- CO1. Explain the modern concept of child care & principles of child health nursing

CO2. Describe national policy programs and legislation in relation to child health and welfare

CO3. List major causes of death during infancy, early & late childhood

CO4. Describe the major functions and role of the paediatric nurse in caring for a hospitalized child.

CO5. Describe the principles of child health nursing

CO6. Describe the normal growth & development of children at different ages

CO7. Identify the needs of children at different ages & provide parental guidance

CO8. Identify the nutritional needs of children at different ages and ways of meeting the needs

CO9. Appreciate the role of play for normal & sick children

CO10. Appreciate the preventive measures and strategies for children

CO11. Provide care to normal & high risk neonates

CO12. Perform neonatal resuscitation

CO13. Recognize and manage common neonatal problems

CO14. Provide nursing care in common childhood diseases

CO15. Identify measures to prevent common childhood diseases including immunization

CO16. Manage the child with behavioural & social problems

CO17. Identify the social & welfare services for challenged children

CHILD HEALTH NURSING – PRACTICAL

CO1. Provide nursing care to children with various medical disorders Paediatric Surgery Ward

CO2. Counsel and educate parents

CO3. Recognize different paediatric surgical conditions/malformations

CO4. Provide pre and post operative care to children with common paediatric surgical conditions/malformation

CO5. Counsel and educate parents Paediatric OPD/ Immunization room

CO6. Perform assessment of children: Health Developmental and Anthropometric

CO7. Perform immunization

CO8. Give Health Education/Nutritional Education Paediatric medicine and surgery ICU

CO9. Provide nursing care to critically ill children

MENTAL HEALTH NURSING

CO1. Describe the historical development & current trends in mental health nursing

CO2. Describe the epidemiology of mental health problems

CO3. Describe the National Mental Health Act, programmes and mental health policy

CO4. Discuss the scope of mental health nursing

CO5. Describe the concept of normal & abnormal behavior

CO6. Define the various terms used in mental health nursing

CO7. Explain the classification of mental disorders

CO8. Explain psycho dynamics of maladaptive behaviour

CO9. Discuss the etiological factors, psychopathology of mental disorders

CO10. Explain the principles and standards of Mental health Nursing

CO11. Describe the conceptual models of mental health nursing

CO12. Describe the nature, purpose and process of assessment of mental health status

CO13. Identify therapeutic communication techniques

CO14. Describe therapeutic relationship

CO15. Describe therapeutic impasse and its intervention

CO16. Explain treatment modalities and therapies used in mental disorders and role of the nurse

CO17. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with Schizophrenia, and other psychotic disorders

CO18. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with mood disorders

CO19. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatization disorders

CO20. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with substance use disorders

CO21. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with personality, Sexual and Eating disorders

CO22. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency

CO23. Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management organic brain disorders

CO24. Identify psychiatric emergencies and carry out crisis intervention

CO25. Explain legal aspects applied in mental health settings and role of the nurse

CO26. Describe the model of preventive psychiatry

CO27. Describe community Mental Health services and role of the nurse

MENTAL HEALTH NURSING – PRACTICAL

CO1. Assess patients with mental health problems

CO2. Observe and assist in therapies

CO3. Counsel and educate patient and families

CO4. Assessment of children with various mental health problems

CO5. Counsel and educate children, families and significant others

CO6. To provide nursing care for patients with various mental health problems

CO7. Assist in various therapies

CO8. Counsel and educate patients, families and significant others

CO9. Assess patient with mental health problems who are admitted.

CO10. To provide nursing care for patients with various mental health problems

CO11. Assist in various therapies

CO12. Counsel and educate patients, families and significant others

CO13. To motivate patients for early treatment and follow up

CO14. Counsel and educate patient and family and community

NURSING RESEARCH AND STATISTICS

- CO1. Describe the concept of research, terms, need and areas of research in nursing
- CO2. Explain the steps of research process
- CO3. Identify and state the research problem and objectives
- CO4. Review the related literature
- CO5. Describe the research approaches and designs
- CO6. Explain the sampling process
- CO7. Describe the methods of data collection
- CO8. Analyze, Interpret and summarize the research data
- CO9. Explain the use of statistics, scales of measurement and graphical presentation of data
- CO10. Describe the measures of central tendency and variability and methods of correlation
- CO11. Communicate and utilize the research findings

COURSE OUTCOME FOR B. Sc (N) FOURTH YEAR

MANAGEMENT OF NURSING SERVICE AND EDUCATION IN NURSING

- CO1: Explain the principles and functions of management
- CO 2: Describe elements and process of management
- CO3: To understand the modern concepts, components and changing trends in hospital organization
- CO 4: Describe the management of nursing services in the hospital and community
- CO5: Describe the concepts, theories and techniques of Organizational behavior and human relations
- CO 6: Participate in planning and organizing in-service education program
- CO 7: Describe management of Nursing educational institutions
- CO 8: Describe the ethical and legal responsibilities of a professional nurse
- CO 9: Explain the Nursing practice standards
- CO 10: Explain various opportunities for professional advancement

COMMUNITY HEALTH NURSING-II

- CO1. Define Concepts, scope, Principles and historical development of Community Health and Community Health Nursing
- CO2. Describe health plans, policies, various health committees and health problems in India
- CO3. Describe the system of delivery of community health services in rural and urban areas
- CO4. List the functions of various levels and their staffing pattern
- CO5. Explain the components of health services
- CO6. Describe alternative systems of health promotion and health maintenance
- CO7. Describe the chain of referral system
- CO8. Describe Community Health Nursing approaches and concepts
- CO9. Describe the roles and responsibility of Community health nursing personnel
- CO10. Describe and appreciate the activities of Community health nurse in assisting individuals and groups to promote and maintain their health
- CO11. Describe national health and family welfare programmes and role of a nurse
- CO12. Describe the various health schemes in India
- CO13. Explain the roles and functions of various national and international health agencies

INTRODUCTION TO MIDWIFERY AND OBSTETRICAL NURSING

- CO1. Recognize the trends and issues in midwifery and obstetrical Nursing
- CO2. Describe the anatomy and physiology of female reproductive system
- CO3. Describe the Diagnosis and management of women during antenatal period.
- CO4. Describe the physiology and stages of labour.
- CO5. Describe the sign and symptoms of onset of labour
- CO 6. Describe the physiology of puerperium
- CO 7. Describe the management of women during postnatal period
- CO 8. Describe the assessment and management of normal neonate
- CO 9. Describe the identification and management of women with high risk pregnancy
- CO 10. Describe management of abnormal labour and Obstetrical emergencies
- CO 11. Describe management of postnatal complications
- CO 12. Identify the high risk neonates and their nursing management

CO 13. Describe indication, dosage, action, side effects &nurses responsibilities in the administration of drugs used for mothers.

CO 14. Appreciate the importance of family welfare programme

CO15.Describe the methods of contraception & role of nurse in family welfare programme