

**D.Y. PATIL EDUCATION SOCIETY**  
**[Deemed to be University], Kolhapur**  
Re-accredited by NAAC with 'A' Grade

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# LEARNING OUTCOMES AND GRADUATE ATTRIBUTES

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## **Outcome Based Education (OBE) Platform**

### **Institutional outcome:**

- Knowledge and Skills
- Planning and Problem-solving abilities
- Communication
- Research Aptitude
- Professionalism and Ethics
- Leadership





# **D. Y. Patil College of Nursing**

## **Programme: B.Sc. Nursing**

### **Graduate Attributes**

- ❖ Impart professional nursing education from physical biological behavioral sciences, alternative & complimentary therapies which develops highest level of knowledge and skills for promotive, preventive & curative aspects of nursing care for individual, families & communities.
- ❖ Critically analyzes the client's data & generates problem solving approaches by using scientific methodologies to improve healthcare and take appropriate decision in critical situations.
- ❖ To communicate effectively with individual & groups, members of health team in order to promote effective interpersonal relationships & team work.
- ❖ To demonstrate advanced skills in conducting independent nursing research, interpreting and utilizing the research findings for cost effective patient care and improving the evidenced based nursing research and practice.
- ❖ To prepare the nurses with the foundation of code of ethics and professional conduct with expansion of professional knowledge and application of this knowledge for comprehensive care with acceptable standards and legal boundaries for hospital and community.
- ❖ To demonstrate leadership and managerial skills in clinical and community health setting while imparting nursing services.
- ❖ Exhibit the ability to shoulder the social responsibility as nurse specialist in promotive, preventive, curative and restorative aspect to meet the health needs of society.
- ❖ To develop the ability in conservation of natural resources and protect global ecosystem to support health and wellbeing of community population.
- ❖ To demonstrate advance competence in practice of nursing and shows commitment in lifelong learning for personal and professional advancement.

### **Learning Outcome**

#### **Anatomy-**

1. To describe the anatomical terms, organization of human body & structure of cell, tissues, membranes and glands.
2. To describe the general structure of the body as a whole.
3. To describe the general and microscopic structure of each system of the body.
4. To understand the effects of diseases on organs and alterations in their structures.
5. To apply the knowledge of anatomy in the practice of nursing.

#### **Physiology**

1. To describe physiology of cell, tissues, membranes and glands.





2. To describe the general functions of the body as a whole.
3. To describe physiology of various systems of the body.
4. To understand the effects of diseases on organs and alterations in their functions.
5. To apply the knowledge of physiology in the practice of nursing.

#### **Nutrition**

1. To understand the concept of nutrition & health.
2. To understand different types of nutrients, their importance, sources, functions, RDA and problems due to deficiency.
3. To plan therapeutic diet for individuals and group.
4. To explain methods & apply principles of effective cooking and food preservation in the practical field.
5. To describe various national programs related to nutrition

#### **Biochemistry**

1. Acquires the knowledge of the normal biochemical composition.
2. To describe the structure & function of cell & membrane.
3. To understand the metabolism of carbohydrates, fats & proteins.
4. To specify types, composition & utilization of vitamins & minerals.
5. To describe Immuno-chemistry

#### **Nursing Foundation**

1. To explain concept of health, health-illness continuum, health care delivery system, theories of nursing practice, code of ethics and professional conduct.
2. To develop skills in communication & interpersonal relationships with patients, families and health team members to meet basic psychosocial needs.
3. To achieve skills in health assessment & nursing process in the care of clients at hospital and community by applying scientific principles.
4. To describe principles, techniques for infection control & biomedical waste management.
5. To learn the purposes, types and skills in maintaining documentation.
6. To learn the administration of medications.
7. Meeting the need of perioperative clients, explain process of wound healing & demonstrate techniques of wound care.
8. To develop confidence and competence in caring of terminally ill patients.

#### **Psychology**

1. To describe the history, scope, methods of psychology & explain biology of human behavior.
2. To illustrate cognitive process, motivation, emotions, stress, attitude and their influence on behavior.
3. To reveal the developmental psychology & concepts of personality and its influence on behavior.
4. To specify types, composition & utilization of vitamins & minerals.
5. To describe Immuno-chemistry.





### **Microbiology**

1. To reveals concepts and principles of microbiology and their importance in nursing.
2. To describe structure, classification morphology, growth of bacteria & identify micro-organisms.
3. To identify the methods of infection control & role of nurse in hospital infection control programme.
4. To specify different disease producing organisms.
5. To explain the concept of immunity, hypersensitivity & immunization.

### **Sociology**

1. To state the importance of sociology in nursing.
2. To describe the interrelationship of individual in society and community.
3. To describe the influence of culture on health and disease and identify various social groups and their interactions.
4. To explain the growth of population, institutions of family and marriage in India and its impact on health.
5. To describe the types of communities, class, caste system and their influence on health and health practices.
6. To explain the social change, social system, social control and role of the nurse in dealing with social problems in India and inter relationship of social organizations.

### **Pharmacology, Pathology, and Genetics**

1. To describe Pharmaco-dynamics, pharmaco-kinetics, classification and the principles of drug administration.
2. To explain chemotherapy of specific infections, infestations and nurse's responsibilities.
3. To describe antiseptics, disinfectants, insecticides and nurse's responsibilities.
4. To describe the drugs acting on various systems like G.I. system, Respiratory system, Urinary system, Skin, Mucus membranes, Nervous system, Cardiovascular system, and nurse's responsibilities.
5. To describe drugs used in de-addiction, emergency, deficiency of vitamins & minerals, poisoning, for immunization and Immunosuppression and nurse's responsibilities.
6. To describe drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy and nurse's responsibilities.
7. Demonstrate awareness of the common drugs used in alternative system of medicine.
1. Define the common terms used in pathology.
2. Appreciate the deviations from normal to abnormal structure and functions of the body system.
3. To explain Pathological changes in disease conditions of various systems.
4. To describe various laboratory tests in assessment and monitoring of disease conditions.
5. To describe the laboratory tests for examination of body cavity fluids, transudates exudates, urine and faces.
1. To explain nature, principles and perspectives of heredity.





2. To explain Maternal, prenatal and genetic influences on development of defects and diseases.
3. To explain the screening methods for genetic defects and diseases in neonates and children.
4. Identify genetic disorders in adolescents and adults.
5. To describe the role of nurse in genetic services and counselling.

#### **Medical Surgical Nursing-I (Adult Including Geriatrics)**

1. Appreciate the trends in medical and surgical nursing.
2. To describe the role of a nurse in caring for adult patient in hospital and community.
3. To describe the concepts of medical surgical asepsis.
4. To describe the common signs, symptoms, problems and their specific nursing interventions, etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of various systems.
5. To describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with communicable Diseases.
6. To describe the organization, physical set up, infection control measures of operation theatre and identify the various instruments and equipment's used for common surgical procedures & describe the role of the nurse in the Operation Theatre.

#### **Community Health Nursing-I**

1. To describe concept, dimensions and determinants of health.
2. To describe the concept, scope, uses methods and approaches of epidemiology.
3. To describe Epidemiology and nursing management of common communicable and non-communicable diseases.
4. To describe the concepts and scope of demography, methods of data collection, analysis and interpretation of demographic data.
5. Identify the impact of population explosion in India and to describe the methods of population control.

#### **Communication and Education Technology**

1. To describe the communication process and identify techniques of effective communication.
2. Establish effective inter-personal relations with patients, families & co-workers.
3. Develop effective human relations in context of nursing.
4. Develop basic skill of counseling and guidance.
5. To explain the philosophy & principles of education, teaching learning process.
6. Demonstrate teaching skill using various teaching methods and different types of educational media effectively in clinical, classroom and community settings.
7. Prepare different types of questions for assessment of knowledge, skills and attitudes.
8. Teach individuals, groups, and communities about health with their active participation.





### **Medical Surgical Nursing-II**

1. Provide care for patients with disorders of ear nose and throat.
2. Take care of patients with disorders of eye.
3. Plan, implement and evaluate nursing management of patients with neurological disorders.
4. Develop abilities to take care of female patients with reproductive disorders.
5. Provide care of patients with burns, reconstructive and cosmetic surgery.
6. Manage patients with oncological conditions.
7. Develop skill in providing care during emergency and disaster situations.
8. Plan, implement and evaluate care of elderly.
9. Develop ability to manage patients in critical care units.

### **Child Health Nursing**

1. To describe the historical development, modern concept, national policies, principles & programs including IMNCI.
2. To describe the normal growth & development, need, role of play, preventive strategies of children at different ages & provide parental guidance.
3. Provide care to normal, high risk neonates & perform neonatal resuscitation.
4. Provide nursing care in common childhood disease, including communicable diseases.
5. Manage the child with behavioral & social problem.
6. To describe & demonstrate the major functions & role of the pediatric nurse in caring hospitalized child.

### **Mental Health Nursing**

1. To describe the historical development & current trends, scope, epidemiology in mental health nursing.
2. To describe the National Mental Health Act, programmes and mental health policy.
3. To describe the concept of normal & abnormal behavior and Explain the classification of mental disorders.
4. To explain the principles and standards, conceptual models of Mental health Nursing.
5. To describe the nature, purpose and process of assessment of mental health status and identify therapeutic communication techniques.
6. To describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with various disorders related to mental health.
7. To explain psychiatric emergencies, its intervention and legal aspects applied in mental health settings and role of the nurse.
8. To describe community Mental Health services and role of the nurse.





### **Nursing Research & Statistics**

1. To describe the concept of research, terms, need and areas of research in nursing. explain the steps of research process.
2. To identify and state the research problem and objectives.
3. To review the related literature.
4. To describe the research approaches and designs.
5. To explain the sampling process, describe the methods of data collection, developing and standardizing an instrument.
6. To explain the use of statistics, scales of measurement and graphical presentation of data describe the measures of central tendency and variability and methods of correlation.
7. To analyze, interpret and summarize the research data.
8. To communicate and utilize the research findings.

### **Midwifery & Obstetrical Nursing**

1. To recognize the trends and issues in midwifery and obstetrical Nursing.
2. To describe the anatomy and physiology of female reproductive system.
3. To describe the diagnosis and management of women during antenatal period.
4. To describe the physiology, stages of labour and nurse's role in management of labour.
5. To describe the physiology of puerperium and management of women during postnatal period.
6. To describe the assessment and management of normal and high-risk neonates and their nursing management.
7. To describe the identification and management of women with high-risk pregnancy, abnormal labor and obstetrical emergencies.
8. To describe indication, dosage, action, side effects & nurse's responsibilities in the administration of drugs used for mothers.
9. To appreciate the importance of family welfare programme and the methods of contraception & role of nurse in family welfare programme.

### **Community Health Nursing**

1. To practice community health nursing for the individual, family and groups at both urban and rural settings by using concept and principles of health and community health nursing.
2. To describe health plans, policies, various health committees and health problems in India.
3. To describe the system of delivery of community health services in rural and urban areas.
4. List the functions of various levels and their staffing pattern.
5. To describe Community Health Nursing approaches and concepts.
6. To describe and appreciate the activities of community health nurse in assisting individuals and groups to promote and maintain their health.
7. National Health and Family Welfare Programmes and Role of Nurse.
8. To describe the various health schemes in India.





9. To explain the roles and functions of various national and international health agencies.

### **Management of Nursing Services and Education**

1. To identify the principles of administration.
2. To describe the principles and techniques of supervision.
3. To explain the principles and methods of personnel management.
4. To explain the principles of budgeting.
5. To organize and manage a nursing unit effectively.
6. To identify dynamics of organizational behavior, styles and functions of effective leadership.
7. To understand the professional responsibility.
8. Prospects & contribution to the growth of the Nursing profession.

## **Programme: PB. B.Sc. Nursing**

### **Graduate Attributes**

- ❖ Impart professional nursing education from physical biological behavioral sciences, alternative & complimentary therapies which develops highest level of knowledge and skills for promotive, preventive & curative aspects of nursing care for individual, families & communities.
- ❖ Critically analyzes the client's data & generates problem solving approaches by using scientific methodologies to improve healthcare and take appropriate decision in critical situations.
- ❖ To communicate effectively with individual & groups, members of health team in order to promote effective interpersonal relationships & team work.
- ❖ To demonstrate advanced skills in conducting independent nursing research, interpreting and utilizing the research findings for cost effective patient care and improving the evidenced based nursing research and practice.
- ❖ To prepare the nurses with the foundation of code of ethics and professional conduct with expansion of professional knowledge and application of this knowledge for comprehensive care with acceptable standards and legal boundaries for hospital and community.
- ❖ To demonstrate leadership and managerial skills in clinical and community health setting while imparting nursing services.
- ❖ Exhibit the ability to shoulder the social responsibility as nurse specialist in promotive, preventive, curative and restorative aspect to meet the health needs of society.
- ❖ To develop the ability in conservation of natural resources and protect global ecosystem to support health and wellbeing of community population.
- ❖ To demonstrate advance competence in practice of nursing and shows commitment in lifelong learning for personal and professional advancement.





## **Learning Outcome**

### **Nursing Foundation**

1. To explain concept of health, health-illness continuum, health care delivery system, code of ethics and professional conduct.
2. To explain the ethical, legal and other issues in nursing, concepts of health and illness and effects on the person.
3. To explain theories of nursing.
4. Utilize steps of nursing process.
5. To identify the role of the nurse in various levels of health services.
6. Appreciate the significance or quality assurance in nursing.
7. To explain current trends in health and nursing.
8. To describe principles, techniques for infection control & biomedical waste management.

### **Nutrition & Dietetics**

1. To explain the principles of nutrition & dietetics.
2. To describe & plan various therapeutic diet for different conditions.
3. To describe and plan feeding of infant & children.
4. To describe various community nutrition programme.
5. To describe nutritional needs & diet plan for different age groups.

## **Biochemistry & Biophysics**

### **Biochemistry**

1. To describe the structure & functions of cell.
2. To describe the water & electrolyte balance of human body.
3. To explain the mechanism of enzymes.
4. To explain catabolism of carbohydrates, explain the storage and utilization of fats & glucose in the body.
5. To explain the metabolism of amino acids & proteins.
6. To explain the metabolism of fat, importance lipids & their functions.

### **Biophysics**

1. Basic principles of biophysics. Describe the vector and scalar motion.
2. To describe the gravity and its application in nursing. Describe the force, work & energy, its principles & application in nursing.
3. To describe the heat, its principle & application in nursing. Describe the light, its principle & application in nursing.
4. To describe the pressure its principle & application in nursing. Describe the sound, its principle & application in nursing.
5. To describe the electricity & application in human body. Describe the atomic energy, its structure, use & application in nursing.
6. To describe the principle of electronic & its applications in nursing.





### **Psychology**

1. To describe the scope & methods of psychology.
2. To describe the sensation, attention & distinguish between normal & abnormal Simple experiments, Perception measuring threshold's reaction time.
3. To describe motivation, frustration and conflicts its nature.
4. To describe emotions, leaning, laws of learning, memory, forgetting& its application in sickness.
5. To explain the concept of personality & its influence on behavior.
6. To describe psychological needs of various ages during their life cycle.
7. To describe significance of individual differences & its implications in nursing.
8. To describe intelligence, attitude & role of attitudes & abilities during sickness.
9. To describe the characteristics of mentally healthy person, explain ego, defense mechanism.

### **Microbiology**

1. To describe the structure, classification morphology & motility of microbes.
2. To identify common disease producing micro-organisms & describe & discuss different laboratory methods to diagnose bacterial diseases.
3. To describe the growth & nutrition of microbes & explain food born infections & food poisoning.
4. To describe the methods of infection control & identify the different disease producing micro-organisms.
5. To describe the different diseases producing microorganisms & describe pathogenic fungi, dermatophytes & mycotic infections & its laboratory diagnosis.
6. To explain the concept of immunity & hypersensitivity & immunization in diseases.
7. To describe parasites & vectors, protozoal infections, helminths & its diagnosis & disease transmission.
8. To describe & classify different viruses, explain the causes of diseases by viruses & their control.

### **Maternal Nursing**

1. To describe the concept of maternal nursing, explain the magnitude of maternal morbidity and mortality rates, describe the legislations related to maternal benefits, MTP act.
2. To describe the anatomy and physiology of female reproductive system, Explain the fetal development.
3. To describe the physiology& management of pregnancy labour and puerperium.
4. To describe the essential newborn care. Describe the management of high-risk newborn.
5. To describe management of abnormal pregnancy, labor & puerperium. Identify & manage high risk pregnancy & puerperium.
6. To explain effect of drugs during pregnancy, labour & puerperium to mother and baby.
7. To explain the concept of national family welfare programme for women &family welfare programme





### **Child Health Nursing**

1. To describe the historical development, modern concept, national policies, principles & programs including IMNCI.
2. To describe the normal growth & development, need, role of play, preventive strategies of children at different ages & provide parental guidance.
3. To provide care to normal, high-risk neonates & perform neonatal resuscitation.
4. To provide nursing care in common childhood diseases including communicable diseases.
5. To manage the child with behavioral & social problem.
6. To describe & demonstrate the major functions & role of the pediatric nurse in caring hospitalized child.

### **Medical Surgical Nursing**

1. To explain relevant anatomy and physiology of various systems of the body along with pathophysiology of various disorders.
2. To explain the actions, side effects and nursing implications in administering drugs for various disorders.
3. To discuss the recent advancement in the treatment and care of patients with medical surgical conditions.
4. To develop skill in giving comprehensive nursing care to patients following the steps of nursing process.
5. Assist the patients and their families in identifying and meeting their own health needs.
6. Appreciate the role of the nurse in the medical surgical health team.

### **Sociology**

1. To describe sociological concepts that are applicable to nursing.
2. Determine role of sociology in nursing as related to social institutions in India.
3. To explain the nature and process of social control.
4. To develop positive attitudes towards individual, family and community.
5. To describe the social system and inter personal relationship of social organizations.
6. To discuss the social problems in India.

### **Community Health Nursing**

1. To describe the concept of community health nursing.
2. To describe the family health services.
3. To describe the organization and administration of health services in India.
4. To explain health education its aims, concepts and scope.
5. To explain the role community health nurse.
6. To describe epidemiology.
7. To explain the biostatistics and vital statistics.





### **Mental Health Nursing**

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

### **Introduction to Nursing Education**

1. To discuss the meaning of education, aims, function and principles, philosophy of education.
2. To discuss teaching learning process.
3. Enlist various types of methods of teaching.
4. To explain the educational media, the communication process, purposes and types of audio-visual aids.
5. To discuss the methods of assessment.
6. To discuss the management of school of nursing.
7. To discuss guidance and counseling.
8. To discuss in-service education.

### **Introduction to Nursing Service Administration**

1. To identify the principles of administration.
2. To describe the principles and techniques of supervision.
3. To explain the principles and methods of personnel management.
4. To explain the principles of budgeting.
5. To organize and manage a nursing unit effectively.
6. To identify dynamics of organizational behavior, styles and functions of effective leadership.





## **Programme: M.Sc. Child Health Nursing**

### **Graduate Attributes**

- ❖ Impart professional nursing education which builds highest level of knowledge and skills to render essential and comprehensive care for the consumers of health services.
- ❖ To critically analyzes the client's data & generates problem solving approaches by using scientific methodologies to improve healthcare and take appropriate decision in critical situations.
- ❖ To communicate effectively with individual & groups, members of health team in order to promote effective interpersonal relationships & team work.
- ❖ To demonstrate advanced skills in conducting independent nursing research, interpreting and utilizing the research findings for cost effective patient care and improving the evidenced based nursing research and practice.
- ❖ To prepare the nurses with the foundation of code of ethics and professional conduct with expansion of professional knowledge and application of this knowledge for comprehensive care with acceptable standards and legal boundaries for hospital and community.
- ❖ To demonstrate leadership and managerial skills in clinical and community health setting while imparting nursing services as nurse educator and manager.
- ❖ To exhibit the ability to shoulder the social responsibility as nurse specialist in promotive, preventive, curative and restorative aspect to meet the health needs of society.
- ❖ To develop the ability in conservation of natural resources and protect global ecosystem to support health and wellbeing of community population.
- ❖ To demonstrate advance competence in practice of nursing and shows commitment in lifelong learning for personal and professional advancement.

### **Learning Outcome**

#### **Subject: Nursing Education**

1. To explain the aims of education, philosophies, trends in education and health: its impact on nursing education.
2. To describe the teaching learning process and prepare and utilize various instructional media and methods in teaching learning process.
3. To demonstrate competency in teaching, using various instructional strategies.
4. To critically analyze the existing nursing educational programs, their problems, issues and future trends.
5. To describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.
6. To plan and conduct continuing nursing education programs and critically analyze the existing teacher preparation programs in nursing.
7. To demonstrate skill in guidance and counselling.
8. To describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.





9. To explain the development of standards and accreditation process in nursing education programs.
10. To identify research priorities in nursing education and discuss various models of collaboration in nursing education and services.

### **Subject: Advanced Nursing Practice**

1. To appreciate and analyze the development of nursing as a profession.
2. To describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
3. To explain bio- psycho- social dynamics of health, life style and health care delivery system.
4. To discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
5. To describe scope of nursing practice and provide holistic and competent nursing care following nursing process approach.
6. To identify latest trends in nursing and the basis of advance nursing practice.
7. To perform extended and expanded role of nurse.
8. To describe alternative modalities of nursing care.
9. To describe the concept of quality control in nursing and identify the scope of nursing research.
10. To use computer in patient care delivery system and nursing practice.
11. To appreciate importance of self-development and professional advancement.

### **Subject: Nursing Research and Statistics**

#### **Nursing Research**

1. To define basic research terms and concepts.
2. To review of literature utilizing various sources.
3. To describe research methodology.
4. To develop a research proposal and conduct a research study.
5. To communicate and Utilize research findings.
6. To critically evaluate nursing research studies.
7. To write scientific paper for publication.

#### **Statistics**

1. To explain the basic concepts related to statistics and describe the scope of statistics in health and nursing.
2. To organize, tabulate and present data meaningfully.
3. To use descriptive and inferential statistics to predict results.
4. To draw conclusions of the study and predict statistical significance of the results.
5. To describe vital health statistics and their use in health-related research.
6. To use statistical packages for data analysis.





### **Subject: Child Health Nursing-I**

1. To appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty. Integrate the concept of family centered pediatric nursing care.
2. To apply the concepts of growth and development in providing care to the pediatric clients and their families. To appreciate the child as a holistic individual.
3. To perform physical, developmental, and nutritional assessment of pediatric clients.
4. To recognize the importance of prenatal care and the role of pediatric nurse in prenatal care.
5. To recognize and manage behavioral problems in children.
6. To describe various recent technologies and treatment modalities in the management of high-risk neonates. Prepare a design for layout and management of neonatal units.
7. To appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing.
8. To incorporate evidence-based nursing practice and identify the areas of research in the field of pediatric / neonatal nursing.
9. To recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.
10. To apply the concept of IMNCI in the management of neonates and children.

### **Subject: Nursing Management**

1. To describe the philosophy and objectives of the health care institutions at various levels, identify trends and issues in nursing.
2. To describe the principles of administration, the public administration, health care administration vis a vis nursing administration.
3. To explain the organization of health and nursing services at the various levels/institutions
4. To collaborate and co-ordinate with various agencies by using multi-sectoral approach.
5. To discuss the planning, supervision and management of nursing workforce for various health care settings.
6. To discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
7. To identify and analyze legal and ethical issues in nursing administration.
8. To describe the process of quality assurance and demonstrate leadership in nursing services.

### **Subject: Child Health Nursing - II**

1. To apply the nursing process in the care of ill infants to pre adolescents in hospital and community.
2. To demonstrate advanced skills/competence in nursing management of children with medical and surgical problems.
3. To recognize and manage emergencies in children.
4. To provide nursing care to critically ill children.
5. To recognize and manage challenged children and developmental disturbances in children.





6. To utilize the recent technology and various treatment modalities in the management of high-risk children.
7. To prepare a design for layout and describe standards for management of pediatric units/hospitals.
8. To incorporate evidence-based nursing practice and to identify the areas of research in the field of pediatric / neonatal nursing.
9. To teach pediatric nursing to undergraduate students & in-service nurses.
10. To recognize the extended and expanded role of pediatric nurse.

## **Programme: M.Sc. Community Health Nursing**

### **Graduate Attributes**

- ❖ Impart professional nursing education which builds highest level of knowledge and skills to render essential and comprehensive care for the consumers of health services.
- ❖ To critically analyses the client's data & generates problem solving approaches by using scientific methodologies to improve healthcare and take appropriate decision in critical situations.
- ❖ To communicate effectively with individual & groups, members of health team in order to promote effective interpersonal relationships & team work.
- ❖ To demonstrate advanced skills in conducting independent nursing research, interpreting and utilizing the research findings for cost effective patient care and improving the evidenced based nursing research and practice.
- ❖ To prepare the nurses with the foundation of code of ethics and professional conduct with expansion of professional knowledge and application of this knowledge for comprehensive care with acceptable standards and legal boundaries for hospital and community.
- ❖ To demonstrate leadership and managerial skills in clinical and community health setting while imparting nursing services as nurse educator and manager.
- ❖ To exhibit the ability to shoulder the social responsibility as nurse specialist in promotive, preventive, curative and restorative aspect to meet the health needs of society.
- ❖ To develop the ability in conservation of natural resources and protect global ecosystem to support health and wellbeing of community population.
- ❖ To demonstrate advance competence in practice of nursing and shows commitment in lifelong learning for personal and professional advancement.

### **Learning Outcome**

#### **Subject: Nursing Education**

1. To explain the aims of education, philosophies, trends in education and health: its impact on nursing education.





2. To describe the teaching learning process and prepare and utilize various instructional media and methods in teaching learning process.
3. To demonstrate competency in teaching, using various instructional strategies.
4. To critically analyze the existing nursing educational programs, their problems, issues and future trends.
5. To describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.
6. To plan and conduct continuing nursing education programs and critically analyze the existing teacher preparation programs in nursing.
7. To demonstrate skill in guidance and counselling.
8. To describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.
9. To explain the development of standards and accreditation process in nursing education programs.
10. To identify research priorities in nursing education and discuss various models of collaboration in nursing education and services.

### **Subject: Advanced Nursing Practice**

1. To appreciate and analyze the development of nursing as a profession.
2. To describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
3. To explain bio- psycho- social dynamics of health, life style and health care delivery system.
4. To discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
5. To describe scope of nursing practice and provide holistic and competent nursing care following nursing process approach.
6. To identify latest trends in nursing and the basis of advance nursing practice.
7. To perform extended and expanded role of nurse.
8. To describe alternative modalities of nursing care.
9. To describe the concept of quality control in nursing and identify the scope of nursing research.
10. To use computer in patient care delivery system and nursing practice.
11. To appreciate importance of self-development and professional advancement.

### **Subject: Nursing Research and Statistics**

#### **Nursing Research**

1. To define basic research terms and concepts.
2. To review of literature utilizing various sources.
3. To describe research methodology.





4. To develop a research proposal and conduct a research study.
5. To communicate and Utilize research findings.
6. To critically evaluate nursing research studies.
7. To write scientific paper for publication.

#### **Statistics**

1. To explain the basic concepts related to statistics and describe the scope of statistics in health and nursing.
2. To organize, tabulate and present data meaningfully.
3. To use descriptive and inferential statistics to predict results.
4. To draw conclusions of the study and predict statistical significance of the results.
5. To describe vital health statistics and their use in health-related research.
6. To use statistical packages for data analysis.

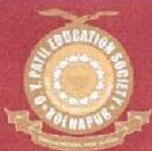
#### **Subject: Community Health Nursing-I**

1. To appreciate and analyze the development of nursing as a profession.
2. To appreciate role of individuals and families in promoting health of the Community.
3. To perform physical, developmental and nutritional assessment of individuals, families and groups.
4. To apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.
5. To apply nursing process approach while providing care to individuals, families, groups and community & integrate the concepts of family centered nursing approach while providing care to the community.
6. To recognize and participate in the management of emergencies, epidemics and disasters.
7. To apply recent technologies and care modalities while delivering community health nursing care.
8. To appreciate legal and ethical issues pertaining to community health nursing care.
9. To participate in planning, implementation and evaluation of various national health and family.
10. To incorporate evidence-based nursing practice and identify the areas of research in the community settings.
11. To teach community health nursing to undergraduates, in-service nurses and the community health workers.
12. To demonstrate leadership and managerial abilities in community health nursing practice.

#### **Subject: Nursing Management**

1. To describe the philosophy and objectives of the health care institutions at various levels, identify trends and issues in nursing.
2. To describe the principles of administration, the public administration, health care administration vis a vis nursing administration.
3. To explain the organization of health and nursing services at the various levels/institutions.





4. To collaborate and co-ordinate with various agencies by using multi-sectoral approach.
5. To discuss the planning, supervision and management of nursing workforce for various health care settings.
6. To discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
7. To identify and analyze legal and ethical issues in nursing administration.
8. To describe the process of quality assurance and demonstrate leadership in nursing services.

### **Subject: Community Health Nursing-II**

1. To appreciate trends and issues related to community health Nursing reproductive and child health, school health, Occupational health, international health, rehabilitation, geriatric and mental health.
2. To apply epidemiological concepts and principles in community health nursing practice.
3. To perform community health assessment and plan health programmes.
4. To describe the various components of Reproductive and child health programme.
5. To demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach.
6. To describe the role and responsibilities of community health nurse in various national health and family welfare programmes.
7. To participate in the implementation of various national health and family welfare programme.
8. To demonstrate competencies in providing family centered nursing care independently.
9. To participate/Conduct research for new insights and innovative solutions to health problems.
10. To teach and supervise nurses and allied health workers.
11. To design a layout of sub center/Primary health center/Community health centre and develop standards for community health nursing practice.

### **Programme: M.Sc. Medical-Surgical Nursing**

#### **Graduate Attributes**

- ❖ Impart professional nursing education which builds highest level of knowledge and skills to render essential and comprehensive care for the consumers of health services.
- ❖ To critically analyses the client's data & generates problem solving approaches by using scientific methodologies to improve healthcare and take appropriate decision in critical situations.
- ❖ To communicate effectively with individual & groups, members of health team in order to promote effective interpersonal relationships & team work.





- ❖ To demonstrate advanced skills in conducting independent nursing research, interpreting and utilizing the research findings for cost effective patient care and improving the evidenced based nursing research and practice.
- ❖ To prepare the nurses with the foundation of code of ethics and professional conduct with expansion of professional knowledge and application of this knowledge for comprehensive care with acceptable standards and legal boundaries for hospital and community.
- ❖ To demonstrate leadership and managerial skills in clinical and community health setting while imparting nursing services as nurse educator and manager.
- ❖ To exhibit the ability to shoulder the social responsibility as nurse specialist in promotive, preventive, curative and restorative aspect to meet the health needs of society.
- ❖ To develop the ability in conservation of natural resources and protect global ecosystem to support health and wellbeing of community population.
- ❖ To demonstrate advance competence in practice of nursing and shows commitment in lifelong learning for personal and professional advancement.

## **Learning Outcome**

### **Subject: Nursing Education**

1. To explain the aims of education, philosophies, trends in education and health: its impact on nursing education.
2. To describe the teaching learning process and prepare and utilize various instructional media and methods in teaching learning process.
3. To demonstrate competency in teaching, using various instructional strategies.  
To critically analyze the existing nursing educational programs, their problems, issues and future trends.
4. To describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.
5. To plan and conduct continuing nursing education programs and critically analyze the existing teacher preparation programs in nursing.
6. To demonstrate skill in guidance and counselling.
7. To describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.
8. To explain the development of standards and accreditation process in nursing education programs.
9. To identify research priorities in nursing education and discuss various models of collaboration in nursing education and services.

### **Subject: Advanced Nursing Practice**

1. To appreciate and analyze the development of nursing as a profession.
2. To describe ethical, legal, political and economic aspects of health care delivery and nursing practice.





3. To explain bio- psycho- social dynamics of health, life style and health care delivery system.
4. To discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
5. To describe scope of nursing practice and provide holistic and competent nursing care following nursing process approach.
6. To identify latest trends in nursing and the basis of advance nursing practice.
7. To perform extended and expanded role of nurse.
8. To describe alternative modalities of nursing care.
9. To describe the concept of quality control in nursing and identify the scope of nursing research.
10. To use computer in patient care delivery system and nursing practice.
11. To appreciate importance of self-development and professional advancement.

### **Subject: Nursing Research and Statistics**

#### **Nursing Research**

1. To define basic research terms and concepts.
2. To review of literature utilizing various sources.
3. To describe research methodology.
4. To develop a research proposal and conduct a research study.
5. To communicate and Utilize research findings.
6. To critically evaluate nursing research studies.
7. To write scientific paper for publication.

#### **Statistics**

1. To explain the basic concepts related to statistics and describe the scope of statistics in health and nursing.
2. To organize, tabulate and present data meaningfully.
3. To use descriptive and inferential statistics to predict results.
4. To draw conclusions of the study and predict statistical significance of the results.
5. To describe vital health statistics and their use in health-related research.
6. To use statistical packages for data analysis.

### **Subject: Medical Surgical Nursing –I**

1. To appreciate the trends & issues in the field of medical surgical nursing as a specialty and apply concepts & theories related to health promotion.
1. To appreciate the client as a holistic individual and perform physical, psychosocial assessment of medical surgical patients.
2. To integrate, appreciate the legal & ethical issues relevant to medical surgical nursing. The concept of family centered nursing care with associated disorders such as genetic, congenital and long-term illness.





3. To recognize and manage emergencies with medical surgical patients and apply nursing process in providing care to patients.
4. To describe various recent technologies & treatment modalities in the management of critically ill patients.
5. To appreciate the legal & ethical issues relevant to medical surgical nursing.
6. To prepare a design for layout and management of medical surgical units.
7. To appreciate the role of alternative system of medicine in care of patients.
8. To incorporate evidence-based nursing practice and identify the areas of research in the field of medical surgical nursing.
9. To recognize the role of nurse practitioner as a member of medical surgical health team and teach medical surgical nursing to undergraduate nursing students and in-service nurses.

### **Subject: Nursing Management**

1. To describe the philosophy and objectives of the health care institutions at various levels, identify trends and issues in nursing.
2. To describe the principles of administration, the public administration, health care administration vis a vis nursing administration.
3. To explain the organization of health and nursing services at the various levels/institutions.
4. To collaborate and co-ordinate with various agencies by using multi-sectoral approach.
5. To discuss the planning, supervision and management of nursing workforce for various health care settings.
6. To discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
7. To identify and analyze legal and ethical issues in nursing administration.
8. To describe the process of quality assurance and demonstrate leadership in nursing services.

### **Subject: Medical-Surgical Nursing-II**

1. To appreciate trends and issues, epidemiology, etiology, patho physiology and diagnostic assessment of cardiovascular and thoracic conditions related to cardiovascular and thoracic nursing.
2. To participate in national health programs for health promotion, prevention and rehabilitation of patients with cardiovascular and thoracic conditions.
3. To performs physical, psychosocial & spiritual assessment and assist in various diagnostic, therapeutic and surgical procedures, apply nursing process in providing comprehensive care to patients with cardiovascular and thoracic conditions.
4. To demonstrate advanced skills/competence in managing patients, and describe various drugs used with cardiovascular and thoracic conditions including advanced cardiac life support.





5. To demonstrate skill in handling various equipment/gadgets used for critical care of cardiovascular and thoracic patients and practice infection control measures.
6. To take appropriate measures and identify emergencies and complications & discuss the legal and ethical issues in cardiovascular and thoracic nursing.
7. To appreciate team work & coordinate activities of patient care, assist patients and their family to cope with emotional distress, and spiritual needs also able to manage burnout syndrome among healthcare providers.
8. To incorporate evidence-based nursing practice with application of research in the field of cardiovascular and thoracic nursing as well as appreciates the role of alternative system.
9. To design a layout of ICCU and ICTU and develop standards for cardiovascular and thoracic nursing practice.

## **Programme: M.Sc. Mental Health Nursing**

### **Graduate Attributes**

- ❖ Impart professional nursing education which builds highest level of knowledge and skills to render essential and comprehensive care for the consumers of health services.
- ❖ To critically analyzes the client's data & generates problem solving approaches by using scientific methodologies to improve healthcare and take appropriate decision in critical situations.
- ❖ To communicate effectively with individual & groups, members of health team in order to promote effective interpersonal relationships & team work.
- ❖ To demonstrate advanced skills in conducting independent nursing research, interpreting and utilizing the research findings for cost effective patient care and improving the evidenced based nursing research and practice.
- ❖ To prepare the nurses with the foundation of code of ethics and professional conduct with expansion of professional knowledge and application of this knowledge for comprehensive care with acceptable standards and legal boundaries for hospital and community.
- ❖ To demonstrate leadership and managerial skills in clinical and community health setting while imparting nursing services as nurse educator and manager.
- ❖ Exhibit the ability to shoulder the social responsibility as nurse specialist in promotive, preventive, curative and restorative aspect to meet the health needs of society.
- ❖ Develop the ability in conservation of natural resources and protect global ecosystem to support health and wellbeing of community population.
- ❖ Demonstrate advance competence in practice of nursing and shows commitment in lifelong learning for personal and professional advancement.





## **Learning Outcome**

### **Subject: Nursing Education**

1. To explain the aims of education, philosophies, trends in education and health: its impact on nursing education.
2. To describe the teaching learning process and prepare and utilize various instructional media and methods in teaching learning process.
3. To demonstrate competency in teaching, using various instructional strategies.
4. To critically analyze the existing nursing educational programs, their problems, issues and future trends.
5. To describe the process of curriculum development, and the need and
6. methodology of curriculum change, innovation and integration.
7. To plan and conduct continuing nursing education programs and critically analyze the existing teacher preparation programs in nursing.
8. To demonstrate skill in guidance and counselling.
9. To describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.
10. To explain the development of standards and accreditation process in nursing education programs.
11. To identify research priorities in nursing education and discuss various models of collaboration in nursing education and services.

### **Subject: Advanced Nursing Practice**

1. To appreciate and analyze the development of nursing as a profession.
2. To describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
3. To explain bio- psycho- social dynamics of health, life style and health care delivery system.
4. To discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
5. To describe scope of nursing practice and provide holistic and competent nursing care following nursing process approach.
6. To identify latest trends in nursing and the basis of advance nursing practice.
7. To perform extended and expanded role of nurse.
8. To describe alternative modalities of nursing care.
9. To describe the concept of quality control in nursing and identify the scope of nursing research.
10. To use computer in patient care delivery system and nursing practice.
11. To appreciate importance of self-development and professional advancement.





## **Subject: Nursing Research and Statistics**

### **Nursing Research**

1. To define basic research terms and concepts.
2. To review of literature utilizing various sources.
3. To describe research methodology.
4. To develop a research proposal and conduct a research study.
5. To communicate and Utilize research findings.
6. To critically evaluate nursing research studies.
7. To write scientific paper for publication.

### **Statistics**

1. To explain the basic concepts related to statistics and describe the scope of statistics in health and nursing.
2. To organize, tabulate and present data meaningfully.
3. To use descriptive and inferential statistics to predict results.
4. To draw conclusions of the study and predict statistical significance of the results.
5. To describe vital health statistics and their use in health-related research.
6. To use statistical packages for data analysis.

## **Subject: Mental Health Nursing-I**

1. To appreciate the trends and issues in the field of psychiatry and psychiatric nursing.
2. To explain the dynamics of personality development and human behavior.
3. To demonstrate therapeutic communication skills in all interactions.
4. To demonstrate the role psychiatric nurse practitioner in various therapeutic modalities.
5. To apply the nursing process approach in caring for patients with mental disorders.
6. To describe various types of alternative system of medicines used in psychiatric settings.
7. To recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team.
8. To incorporate evidence-based nursing practice and identify the areas of research in the field of psychiatric nursing.

## **Subject: Nursing Management**

1. To describe the philosophy and objectives of the health care institutions at various levels, identify trends and issues in nursing.
2. To describe the principles of administration, the public administration, health care administration vis a vis nursing administration.
3. To explain the organization of health and nursing services at the various levels/institutions.
4. To collaborate and co-ordinate with various agencies by using multi-sectoral approach.
5. To discuss the planning, supervision and management of nursing workforce for various health care settings.





6. To discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
7. To identify and analyze legal and ethical issues in nursing administration.
8. To describe the process of quality assurance and demonstrate leadership in nursing services.

### **Subject: Mental Health Nursing - II**

1. **CO1:** To apply the nursing process in the care of patients with mental disorders in hospital and community.
2. **CO2:** To demonstrate advanced skills/competence in nursing management of patients with mental illness.
3. To provide nursing care to critically ill children.
4. To utilize the recent technology and various treatment modalities in the management of high-risk children.
5. To demonstrate skills in carrying out crisis intervention.
6. To appreciate the legal and ethical issues pertaining to psychiatric nursing.
7. To identify areas of research in the field of psychiatric nursing.

### **Programme: M.Sc. Obstetric and Gynecological Nursing**

#### **Graduate Attributes**

- ❖ Impart professional nursing education which builds highest level of knowledge and skills to render essential and comprehensive care for the consumers of health services.
- ❖ To critically analyses the client's data & generates problem solving approaches by using scientific methodologies to improve healthcare and take appropriate decision in critical situations.
- ❖ To communicate effectively with individual & groups, members of health team in order to promote effective interpersonal relationships & team work.
- ❖ To demonstrate advanced skills in conducting independent nursing research, interpreting and utilizing the research findings for cost effective patient care and improving the evidenced based nursing research and practice.
- ❖ To prepare the nurses with the foundation of code of ethics and professional conduct with expansion of professional knowledge and application of this knowledge for comprehensive care with acceptable standards and legal boundaries for hospital and community.
- ❖ To demonstrate leadership and managerial skills in clinical and community health setting while imparting nursing services as nurse educator and manager.
- ❖ To exhibit the ability to shoulder the social responsibility as nurse specialist in promotive, preventive, curative and restorative aspect to meet the health needs of society.
- ❖ To develop the ability in conservation of natural resources and protect global ecosystem to support health and wellbeing of community population.





- ❖ To demonstrate advance competence in practice of nursing and shows commitment in lifelong learning for personal and professional advancement.

## **Learning Outcome**

### **Subject: Nursing Education**

1. To explain the aims of education, philosophies, trends in education and health: its impact on nursing education.
2. To describe the teaching learning process and prepare and utilize various instructional media and methods in teaching learning process.
3. To demonstrate competency in teaching, using various instructional strategies.
4. To critically analyze the existing nursing educational programs, their problems, issues and future trends.
5. To describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.
6. To plan and conduct continuing nursing education programs and critically analyze the existing teacher preparation programs in nursing.
7. To demonstrate skill in guidance and counselling.
8. To describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.
9. To explain the development of standards and accreditation process in nursing education programs.
10. To identify research priorities in nursing education and discuss various models of collaboration in nursing education and services.

### **Subject: Advanced Nursing Practice**

1. To appreciate and analyze the development of nursing as a profession.
2. To describe ethical, legal, political and economic aspects of health care delivery and nursing practice.
3. To explain bio- psycho- social dynamics of health, life style and health care delivery system.
4. To discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
5. To describe scope of nursing practice and provide holistic and competent nursing care following nursing process approach.
6. To identify latest trends in nursing and the basis of advance nursing practice.
7. To perform extended and expanded role of nurse.
8. To describe alternative modalities of nursing care.
9. To describe the concept of quality control in nursing and identify the scope of nursing research.
10. To use computer in patient care delivery system and nursing practice.





11. To appreciate importance of self-development and professional advancement.

## **Subject: Nursing Research and Statistics**

### **Nursing Research**

1. To define basic research terms and concepts.
2. To review of literature utilizing various sources.
3. To describe research methodology.
4. To develop a research proposal and conduct a research study.
5. To communicate and Utilize research findings.
6. To critically evaluate nursing research studies.
7. To write scientific paper for publication.

### **Statistics**

1. To explain the basic concepts related to statistics and describe the scope of statistics in health and nursing.
2. To organize, tabulate and present data meaningfully.
3. To use descriptive and inferential statistics to predict results.
4. To draw conclusions of the study and predict statistical significance of the results.
5. To describe vital health statistics and their use in health-related research.
6. To use statistical packages for data analysis.

## **Subject: Obstetric and Gynecological Nursing-I**

1. To appreciate the trends and legal and ethical issues in the field of midwifery, obstetrics and gynecology as a specialty.
2. To explain in detail about human reproduction, provide comprehensive nursing care to women during reproductive period.
3. To describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, describe the diagnosis and management of women during antenatal period.
4. To describe the physiology, stages of labour and nurse's role in management of labour and assessment and management of new-borns.
5. To describe the physiology of puerperium and management of women during postnatal period, explain the recent advancement in contraceptive technology and birth control measures.
6. To describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse.
7. To describe the population dynamics and indicators of maternal and child health.
8. To explain issues pertaining to pregnancy, child birth and menopause and able to counsel women and families.
9. To describe the details of abortion, including legislation and nurse's responsibility.





### **Subject: Nursing Management**

1. To describe the philosophy and objectives of the health care institutions at various levels, identify trends and issues in nursing.
2. To describe the principles of administration, the public administration, health care administration vis a vis nursing administration.
3. To explain the organization of health and nursing services at the various levels/institutions.
4. To collaborate and co-ordinate with various agencies by using multi-sectoral approach.
5. To discuss the planning, supervision and management of nursing workforce for various health care settings.
6. To discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care.
7. To identify and analyze legal and ethical issues in nursing administration.
8. To describe the process of quality assurance and demonstrate leadership in nursing services.

### **Subject: Obstetric and Gynaecological Nursing-II**

1. To describe the epidemiology, etiology, pathophysiology and diagnostic assessment and competence in care of women with obstetric and gynecological conditions.
2. To demonstrate competence in caring for high risk new born and manage neonatal emergencies as per protocol.
3. To demonstrate skill in identifying and caring abnormal labour, pre-term labour and obstetrical emergencies.
4. To utilize recent technology and various diagnostic, therapeutic modalities, use skill in handling various equipment's/gadgets in the management of obstetrical, gynecological and neonatal care.
5. To design a layout of specialty units of obstetrics and gynecology.
6. To teach and supervise nurses and allied health workers develop standards for obstetrical and gynecological nursing practice.
7. To incorporate evidence-based nursing practice and identify the areas of research in the field of obstetrical and gynecological nursing.
8. Function as independent midwifery nurse practitioner, counsel women and families.