



**SGT UNIVERSITY**

**SHREE GURU GOBIND SINGH TRICENTENARY UNIVERSITY**  
**(UGC Approved)**

**Gurugram, Delhi-NCR**

Budhera, Gurugram-Badli Road, Gurugram (Haryana) – 122505 Ph. : 0124-2278183, 2278184, 2278185

**Faculty of Nursing**

**Program**  
**Outcomes (POs)**



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## BASIC B.Sc. (NURSING) PROGRAM

### Philosophy:

Faculty of Nursing believes that:

- ❖ Health is a state of well- being that enables a person to lead a psychologically, socially and economically productive life. Health is a right of all the people. Individuals, families and communities have a responsibility towards maintaining their health.
- ❖ Nursing contributes to the health services in a vital and significant way in the health care delivery system. It recognizes national health goals and is committed to participate in the implementation of National Health Policies and programmes. It aims at identifying health needs of the people, planning and providing quality care in collaboration with other health professional and community groups.
- ❖ Scope of nursing practice encompasses provision of promotive, preventive, curative and rehabilitative aspects of care to people across their life span in wide variety of health care settings. Practice of nursing is based upon application of basic concepts and principles derived from the physical, biological and behavioral sciences, medicine and nursing.
- ❖ Nursing is based on values of caring, and aims to help individuals to attain independence in self-care. It necessitates development of compassion and understanding of human behavior among its practitioners to provide care with respect and dignity and protect the rights of individuals & groups.
- ❖ Undergraduate nursing program is broad based education within an academic framework specifically directed to the development of critical thinking skills, competencies & standards required for practice of professional nursing and midwifery as envisaged in National Health Policy 2002.
- ❖ The teachers have the responsibility to be role models and create learning environment that enables students to acquire inquiry driven, self directed learning and foster an attitude of lifelong learning.
- ❖ Under graduate nursing education program prepares its graduates to become exemplary citizen by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national aspirations.



## **AIMS:**

The aim of the undergraduate nursing program is to:

- ❖ Prepare graduates to assume responsibilities as professionals, competent nurses and midwives in providing promotive, preventive, curative, and rehabilitative services.
- ❖ Prepare nurses who can make independent decisions in nursing situations, protect the rights of and facilitate individuals and groups in pursuit of health, functions in the hospital, community nursing services, and conduct research studies in the areas of nursing practice
- ❖ They are also expected to assume the role of teacher, supervisor, and manager in a clinical /public health settings.

## **Programme outcomes:**

On completion of four year B.Sc. Nursing Program the graduate will be able to:

**PO1.** Apply knowledge from physical, biological and behavioral sciences, medicine including alternative systems and nursing in providing nursing care to individuals, families and communities.

**PO2.** Demonstrate understanding of life styles and other factors, which affect health of individuals and groups.

**PO3 .** Provide nursing care based on steps of nursing process in collaboration with individuals and groups.

**PO4 .** Demonstrate critical thinking skill in making decisions in all situations in order to provide quality care.

**PO5 -** Utilize the latest trends and technology in providing health care.

**PO6 .** Provide promotive, preventive and restorative health services in line with the National Health Policies and Programmes.



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**PO7** - Practice within the frame work of code of ethics and professional conduct, and acceptable standards of practice within the legal boundaries.

**PO8** - Communicate effectively with individuals and groups, and members of the health team in order to promote effective inter personal relationship and team work.

**PO9** - Demonstrate skills in teaching to individuals and groups in clinical and community health settings.

**PO10** - Participate effectively as members of the health team in health care delivery system.

**PO11** - Demonstrate leadership and managerial skills in clinical / community health settings.

**PO12** - Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.

**PO13**- Demonstrate awareness, interest, and contribute towards advancement of self and of the profession.

## **POST BASIC B.Sc. NURSING PROGRAMME**

### **Philosophy:**

Faculty of Nursing believes that:

- Health is a state of well-being that enables a person to lead a psycho-logically, socially and economically productive life. Health is not a privilege right of all the people. Individuals, families and communities have a responsibility towards maintaining their health.
- Nursing contributes to the health services in a vital and significant way in the care delivery system. It recognizes national health goals and is committed to participate in the implementation of National Health policies and programmes. It aims at identifying health needs of the People planning and providing quality care in collaboration with other health professionals and community groups.
- Scope of nursing practice encompasses provision of promotive, Preventive, curative and rehabilitative aspects of care to people across their life span in wide variety of health care



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settings. Practice of nursing is based upon application of basic concepts and principles derived from the physical, biological, behavioral sciences.

- Nursing is based on values of caring, and aims to help individuals to attain independence in self-care. It necessitates development of compassion and understanding of human behavior among its practitioners to provide care with respect and dignity and protect the rights of Individuals & groups.
- Undergraduate nursing program at the post basic level is a broad based education within an academic framework, which builds upon the skills and competencies acquired at the diploma level. It is specifically directed to the upgrading of critical thinking skills, competencies & standards required for practice of professional nursing and midwifery as envisaged in National Health Policy 2002.
- The teachers have the responsibility to be role models and create learning environment that enables students to acquire inquiry driven self directed learning and foster an attitude of life long learning.
- Under graduate nursing education program at the post basic level prepares its graduates to become exemplary citizen by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national, aspirations.

## **Aims:**

The aim of the undergraduate nursing program at the post basic level is to upgrade the diploma (GNM) nurses to:

- Assume responsibilities as professional, competent nurses and midwives at basic level in providing promotive, preventive, curative, and rehabilitative services.
- Make independent decisions in nursing situations, protect the rights of and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services, and conduct research studies in the areas of nursing practice. They are also expected to assume the role of teacher, supervisor, manager in a clinical / public health settings.

## **Programme outcomes:**



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On completion of B.Sc. Nursing (Post-Basic) degree programme the graduates will be able to:

- PO1.** Assess health status, identify nursing needs, plan, implement and evaluate nursing care for patients/clients that contribute to health of individuals, families and communities.
- PO2.** Demonstrate competency in techniques of nursing based on concepts and principles from selected areas of nursing, physical, biological and behavioral sciences.
- PO3.** Participate as members of health team in the promotive, preventive, curative and restorative health care delivery system of the country.
- PO4.** Demonstrate skills in communication and interpersonal relationship.
- PO5.** Demonstrate leadership qualities and decision-making abilities in various situations.
- PO6.** Demonstrate skills in teaching to individuals and group in community health settings.
- PO7.** Demonstrate managerial skills in community health settings.
- PO8.** Practice ethical values in their personal and professional life.
- PO9.** Participate in research activities and utilize research findings in improving nursing practice.
- PO10.** Recognize the need for- continued learning for their personal and professional development.

## **DIPLOMA IN GENERAL NURSING & MIDWIFERY**

### **PHILOSOPHY**

#### **We Believe that:**

- Nursing is a profession within the Health Care Sector focused on the care of individuals, families and communities so they may attain maintain or recover optimal health and quality of life.
- Nurses care for individuals of all ages and all cultural backgrounds who are healthy and ill in a holistic manner based on the individuals physical, emotional, psychological, intellectual, social and spiritual needs. The profession combines physical sciences, social science and technology in caring for those individuals.



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- Indian Nursing Council believes in concept of Health laid down by World Health Organisation (WHO) “Health is a state of complete physical, mental and social wellbeing and not merely the absence of disease or infirmity.”
- In order to provide qualitative Nursing Care there is a need to train nurses effectively to work as a team member of health care delivery system. It is therefore their training should involve positive attitudes, knowledge, skills, professional expertise, latest trends in health care and health care needs of the community and the country as a whole.
- Indian Nursing Council recognized that basic nursing education is a formally recognized programme of students providing a broad and sound foundation in the behavioural, life and nursing sciences for the practice of nursing for a leadership role and for the post basic education in specialties for advanced nursing practice. The Country believes that this basic course in nursing should prepare nurses for occupying first level positions in nursing in all kinds of health care settings.
- The Council recognizes that nursing is a profession which is influenced by advances in science and technology, it believes that skills in all aspects of communication are also essential learning and for the practice of nursing.
- The Council also recognizes that the nature of nursing is such that a substantial portion of learning of the study is acquired in clinical field(s) of practice. It further recognised the interdependence of nursing to allied professions and occupations in prevention of diseases, promotion, maintenance and restoration of health.
- The Council believes that it has a responsibility in helping the students to develop pride in their profession besides keeping them abreast with current knowledge and professional trends for a successful career ahead.

## Aims

The basic Diploma course in General Nursing and Midwifery is geared to the health needs of the individuals, family, community and the country at large.

The aims of the Diploma in General Nursing and Midwifery programme are:

- To prepare nurses with a sound educational programme in nursing to enable them to



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function as efficient members of the health team, beginning with the competencies for first level positions in all kinds of health care settings.

- To help nurses develop an ability to co-operate and co-ordinate with members of the health team in the prevention of disease, promotion of health and rehabilitation of the sick.
- To help nurses in their personal and professional development, so that they are able to make maximum contribution to the society as useful and productive individuals, citizens as well as efficient nurses.
- To serve as a base for further professional education and specialization in nursing.
- To prepare nurses to keep pace with latest professional and technological developments and use these for providing nursing care service

## Programme outcomes:

The nurse on completion of this course will be able to:

**PO1.** Demonstrate competency in providing health care to individual, sick or well, using nursing process.

**PO2.** Assess the nursing need of clients from birth of death.

**PO3.** Plan and carry out appropriate action to meet nursing needs.

**PO4.** Provide effective nursing care for maintain best possible level of health in all aspects.

**PO5.** Promote self care in people under their care.

**PO6.** Apply problem solving techniques in nursing practice.

**PO7.** Evaluate effectiveness of nursing care.

**PO8.** Apply problem solving techniques in nursing practice.

**PO9.** Evaluate effectiveness of nursing care.

**PO10.** Apply knowledge from the humanities, biological and behavioral sciences in functioning



as a nurse.

**PO11.** Function effectively with members of the health team and community applying the knowledge of human relations and communication skills in her work.

**PO12.** Participate as member of the health team in delivery of curative preventive, promotive and rehabilitative health care service.

**PO13.** Mobilize community resources and their involvement in working with the communities.

**PO14.** Demonstrate use of ethical values in their personal and professional life.

**PO15.** Demonstrate interest in activities of professional organization.

**PO16.** Recognize the need for continuing education for professional development.

**PO17.** Demonstrate basic skills in teaching patients and giving nursing care to them.

**PO18.** Demonstrate basic skills in administration and leadership while working with other members of health team and community.

**PO19.** Assist in research activities.

## **Masters of Science in Nursing Programme**

### **Philosophy:**

#### **Faculty of Nursing believes that**

- Post Graduate programme is essential to prepare nurses to improve the quality of nursing education and practice in India. .
- Post graduate programme in nursing builds upon and extends competence acquired at the graduate levels, emphasizes application of relevant theories into nursing practice, education, administration and development of research skills.
- The programme prepares nurses for leadership position in nursing and health fields who can function as nurse specialists, consultants, educators, administrators and researchers in a wide variety of professional settings in meeting the National priorities and the changing needs of the society.
- This programme provides the basis for the post masteral programme in nursing. Further



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the programme encourages accountability and commitment to lifelong learning which fosters improvement of quality care.

## **Aim:**

The aim of the postgraduate program in nursing is to prepare graduates to assume responsibilities as nurse specialists, consultants, educators, administrators in a wide variety of professional settings

## **Programme outcomes:**

On Completion of the two year M.Sc. Nursing programme, the graduate will be able to:-

**PO1-** Utilize/apply the concepts, theories and principles of nursing science.

**PO2-** Demonstrate advance competence in practice of nursing.

**PO3-** Practice as a nurse specialist.

**PO4-** Demonstrate leadership qualities and function effectively as nurse educator and manager.

**PO5-** Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.

**PO6-** Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.

**PO7-** Establish collaborative relationship with members of other disciplines.

**PO8-** Demonstrate interest in continued learning for personal and professional advancement.



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# **Program Specific outcomes (PSOs)**



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## MASTER OF SCIENCE IN NURSING (OBSTETRIC & GYNECOLOGICAL NURSING)

### Aims :

To assist students in developing expertise and in depth understanding in the field of Obstetric and Gynecological Nursing so that they appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner (to function as educator, manager, and researcher in the field of Obstetric and Gynecological nursing).

### PROGRAMME SPECIFIC OUTCOME:

At the end of the course the students will be able to:

**PSO1-** Describe the population dynamics and indicators of maternal and child health.

**PSO2-** Describe current concepts in genetics and embryology.

**PSO3-** Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium

**PSO4-** Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse

**PSO5-** Describe the role of various types of complementary and alternative therapies in obstetric and gynecological nursing.

**PSO6-** Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynecological conditions

**PSO7-** Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynecological and neonatal care.

**PSO8-** Develop a broad understanding of Fundamental Principles, concepts, trends and issues related to education and nursing education. Further, it would provide opportunity to



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students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standards and accreditation of various nursing educational programs.

**PSO9**-Develop concepts and constructs of theoretical basis of advance nursing practice and critically analyze different theories of nursing and other disciplines.

**PSO10**-Acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan. It will further enable the students to evaluate research studies and utilize research findings to improve quality of nursing practice, education and management.

**PSO11**-Develop an understanding of the statistical methods and apply them in conducting research studies in nursing.

**PSO12**-Developing expertise and in-depth understanding in the field of Obstetric and Gynecological Nursing

**PSO13**-Appreciate the client as a holistic individual and develop skill to function as an independent midwifery practitioner. It will further enable the student to function as educator, manager, and researcher in the field of Obstetric and Gynecological nursing

**PSO14**-Develop a broad understanding of Principles, concepts, trends and issues related to nursing management. Further, it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing services

**PSO15**-Develop advanced nursing skills for nursing interventions in various obstetrical and gynecological conditions. It will further enable the students to function as midwifery nurse practitioner/ specialist, educator, manager and researcher in the field of obstetric and gynecological nursing.



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## MASTER OF SCIENCE IN NURSING (COMMUNITY HEALTH NURSING)

### Aims :

To assist students in developing expertise and in-depth understanding in the field of community health nursing. It will help to develop advanced skills for nursing intervention in various aspects of community health care settings. It will enable the student to function as community health Nurse practitioner/specialist. It will further enable the student to function as educator, manager and researcher in the field of community health nursing.

### PROGRAMME SPECIFIC OUTCOME:

At the end of the course, the student will be able to:

**PSO1**-Appreciate role of individuals and families in promoting health of the Community.

**PSO2**-Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.

**PSO3**-Apply concepts and principles of epidemiology in the practice of community health nursing

**PSO4**-Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.

**PSO5**-Incorporate evidence based nursing practice and identify the areas of research in the community settings.

**PSO6**-Coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach

**PSO7**-Demonstrate leadership and managerial abilities in community health nursing practice

**PSO8**-Develop a broad understanding of Fundamental Principles, concepts, trends and issues related to education and nursing education. Further, it would provide opportunity to



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students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standards and accreditation of various nursing educational programs.

**PSO9**-Develop concepts and constructs of theoretical basis of advance nursing practice and critically analyze different theories of nursing and other disciplines.

**PSO10**-Acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan. It will further enable the students to evaluate research studies and utilize research findings to improve quality of nursing practice, education and management.

**PSO11**-Develop an understanding of the statistical methods and apply them in conducting research studies in nursing.

**PSO12**-Develop a broad understanding of Principles, concepts, trends and issues related to nursing management. Further, it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing services

## **MASTER OF SCIENCE IN NURSING [CHILD HEALTH (PEDIATRIC) NURSING]**

### **Aims :**

To assist students in developing expertise and in-depth understanding in the field of Pediatric Nursing. It will help students to appreciate the child as a holistic individual and develop skill to function as neonatal and pediatric nurse specialist. It will further enable the student to function as educator, manager, and researcher in the field of Paediatric nursing

### **PROGRAMME SPECIFIC OUTCOME:**



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At the end of the course, the student will be able to:

**PSO1**-Apply the concepts of growth and development in providing care to the pediatric clients and their families.

**PSO2**-Perform physical, developmental, and nutritional assessment of pediatric clients.

**PSO3**-Apply nursing process in providing nursing care to neonates & children.

**PSO4**-Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.

**PSO5**-Recognize and manage emergencies in neonates.

**PSO6**-Describe various recent technologies and treatment modalities in the management of high risk neonates.

**PSO7**-Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric/neonatal nursing.

**PSO8**-Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team.

**PSO9**-Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems.

**PSO10**-Utilize the recent technology and various treatment modalities in the management of high risk children.

**PSO11**-Prepare a design for layout and describe standards for management of pediatric units/hospitals.

**PSO12**-Identify areas of research in the field of pediatric nursing.

**PSO13**-Develop a broad understanding of Fundamental Principles, concepts, trends and



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issues related to education and nursing education. Further, it would provide opportunity to students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standards and accreditation of various nursing educational programs.

**PSO14**-Develop concepts and constructs of theoretical basis of advance nursing practice and critically analyze different theories of nursing and other disciplines.

**PSO1**-Acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan. It will further enable the students to evaluate research studies and utilize research findings to improve quality of nursing practice, education and management.

**PSO15**-Develop an understanding of the statistical methods and apply them in conducting research studies in nursing.

**PSO16**-Develop a broad understanding of Principles, concepts, trends and issues related to nursing management. Further, it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing services.

## **MASTER OF SCIENCE IN NURSING [MENTAL HEALTH (PSYCHIATRIC) NURSING]**

### **Aims :**

To assist students in developing expertise and in-depth understanding in the field of Psychiatric Nursing. It will help students to develop advanced skills for nursing intervention in various psychiatric conditions. It will enable the student to function as psychiatric nurse practitioner/specialist. It will further enable the student to function as educator, manager, and researcher in the field of Psychiatric nursing



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## PROGRAMME SPECIFIC OUTCOME:

At the end of the course, the student will be able to:

**PSO1**-Explain the dynamics of personality development and human behavior.

Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing

**PSO2**-Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities

**PSO3**-Uses assertive techniques in personal and professional actions

**PSO4**-Apply the nursing process approach in caring for patients with mental disorders

**PSO5**-Describe the psychopharmacological agents, their effects and nurses role

**PSO6**-Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team

**PSO7**-Describe various types of alternative system of medicines used in psychiatric settings

**PSO8**-Incorporate evidence based nursing practice and identify the areas of research in the field of psychiatric nursing

**PSO9**-Apply the nursing process in the care of patients with mental disorders in hospital and community

**PSO10**-Demonstrate advanced skills/competence in nursing management of patients with mental disorders

**PSO11**-Identify and care for special groups like children, adolescents, women, elderly, abused and neglected, people living with HIV/AIDS.



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**PSO12**-Identify and manage psychiatric emergencies.

**PSO13**-Develop a broad understanding of Fundamental Principles, concepts, trends and issues related to education and nursing education. Further, it would provide opportunity to students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standards and accreditation of various nursing educational programs.

**PSO14**-Develop concepts and constructs of theoretical basis of advance nursing practice and critically analyze different theories of nursing and other disciplines.

**PSO15**-Acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan. It will further enable the students to evaluate research studies and utilize research findings to improve quality of nursing practice, education and management.

**PSO16**-Develop an understanding of the statistical methods and apply them in conducting research studies in nursing.

**PSO17**-Develop a broad understanding of Principles, concepts, trends and issues related to nursing management. Further, it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing services

## **MASTER OF SCIENCE IN NURSING [MEDICAL SURGICAL NURSING]**

### **Aims :**

To assist students in developing expertise and in depth knowledge in the field of medical Surgical Nursing. It will help students to appreciate the patient as a holistic individual and develop skill to function as a specialized Medical-Surgical Nurse. It will further enable the student to function as educator, manager and researcher in the field of Medical – Surgical Nursing.



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This course is common for the students undergoing clinical speciality-II in neuro science nursing/cardiovascular & thoracic nursing/critical care nursing/oncology nursing/orthopaedic and rehabilitation nursing/nephro& urology nursing, gastroenterology nursing/ geriatric nursing.

## **PROGRAMME SPECIFIC OUTCOME:**

At the end of the course, the student will be able to:

**PSO1**-Apply concepts & theories related to health promotion

**PSO2**-Perform physical, psychosocial assessment of Medical – Surgical patients.

**PSO3**-Apply Nursing process in providing care to patients.

**PSO4**-Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.

**PSO5**-Recognize and manage emergencies with Medical- Surgical patients.

**PSO6**-Describe various recent technologies & treatment modalities in the management of critically ill patients.

**PSO7**-Appreciate the role of alternative systems of Medicine in care of patients.

**PSO8**-Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical – Surgical Nursing.

**PSO9**-Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions

**PSO10**-Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients

**PSO11**-Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems



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**PSO12**-Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders

**PSO13**-Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of nephro and urological conditions

**PSO14**-Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation.

**PSO15**-Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions

**PSO16**-Develop a broad understanding of Fundamental Principles, concepts, trends and issues related to education and nursing education. Further, it would provide opportunity to students to understand, appreciate and acquire skills in teaching and evaluation, curriculum development, implementation, maintenance of standards and accreditation of various nursing educational programs.

**PSO17**-Develop concepts and constructs of theoretical basis of advance nursing practice and critically analyze different theories of nursing and other disciplines.

**PSO18**-Acquire an understanding of the research methodology and statistical methods as a basis for identifying research problem, planning and implementing a research plan. It will further enable the students to evaluate research studies and utilize research findings to improve quality of nursing practice, education and management.

**PSO19**-Develop an understanding of the statistical methods and apply them in conducting research studies in nursing.

**PSO20**-Develop a broad understanding of Principles, concepts, trends and issues related to nursing management. Further, it would provide opportunity to students to understand, appreciate and acquire skills in planning, supervision and management of nursing services at different levels to provide quality nursing services



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# Course Outcomes (COs)



## **Masters of Science in Nursing Programme**

### **Course Outcomes**

#### **NURSING EDUCATION:**

At the end of the course, students will be able to :

**CO1-** Explain the aims of education, philosophies, trends in education and its impact on nursing education.

**CO2-** Describe the teaching learning process.

**CO3-** Prepare and utilize various instructional media and methods in teaching learning process.

**CO4-** Demonstrate competency in teaching, using various instructional strategies.

**CO5-** Critically analyze the existing nursing educational programs, their problems, issues and future trends.

**CO6-** Describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.

**CO7-** Plan and conduct continuing nursing education programs.

Critically analyze the existing teacher preparation programs in nursing

**CO8-** Demonstrate skill in guidance and counseling

**CO9-** Describe the problems and issues related to administration of nursing curriculum including selection and organization of clinical experience.

**CO10-** Explain the development of standards and accreditation process in nursing education programs.

**CO11-** Identify research priorities in nursing education.

Discuss various models of collaboration in nursing education and services.



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**CO12-** Explain the concept, principles, steps, tools and techniques of Evaluation.

Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude.

## **ADVANCED NURSING PRACTICE**

At the end of the course the students will be able to:

**CO1-**Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.

**CO2-**Identify latest trends in nursing and the basis of advanced nursing practice.

**CO3-**Explain bio- psycho- social dynamics of health, life style and health care delivery system.

**CO4-**Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.

**CO5-**Perform health assessment and General physical examination

**CO6-**Provide holistic and comprehensive care following nursing process approach

**CO7-**Perform extended and expanded role of nurse.

**CO8-**Describe alternative modalities of nursing care.

**CO9-**Describe the concept of quality control in nursing.

**CO10-**Identify the scope of nursing research.

**CO11-**Use computer in patient care delivery system and nursing practice.

**CO12-**Appreciate importance of self development and professional advancement.



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## NURSING RESEARCH AND STATISTICS

### Part A: Nursing Research

At the end of the course, the students will be able to:

**CO1-**Recognize the significance of research in nursing and its importance in evidence- based nursing practice.

**CO2-**Identify the steps of quantitative and qualitative research.

**CO3-**Discuss the ethical aspects of research.

**CO4-**Review literature utilizing various resources.

**CO5-**Identify researchable problems in nursing.

**CO6-**Demonstrate skill in planning and conducting research studies.

**CO7-**Communicate research findings.

**CO8-**Utilize research findings.

**CO9-**Critically evaluate research reports and articles.

**CO10-**Write scientific paper for publications.

### Part –B: Statistics

At the end of the course the students will be able to:

**CO1-**Explain the basic concepts related to statistics

**CO2-**Describe the scope of statistics in health and nursing

**CO3-**Organize, tabulate and present data meaningfully

**CO4-**Use descriptive and inferential statistics to predict results

**CO5-**Draw conclusions of the study and predict statistical significance of the results.



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**CO6-Describe vital health statistics and their use in health related research**

**CO7-Use statistical packages for data analysis.**

## **CLINICAL SPECIALITY – I (MEDICAL SURGICAL NURSING )**

At the end of the course the students will be able to:

**CO1-Appreciate the trends & issues in the field of Medical – Surgical Nursing as a specialty.**

**CO2-Apply concepts & theories related to health promotion.**

**CO3-Appreciate the client as a holistic individual.**

**CO4-Perform physical, psychosocial assessment of Medical – Surgical patients.**

**CO5-Apply Nursing process in providing care to patients.**

**CO6-Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.**

**CO7-Recognize and manage emergencies**

**CO8-Describe various recent technologies & treatment modalities in the management of critically ill patients.**

**CO9-Appreciate the legal & ethical issues**

**CO10-Prepare a design for ICU**

**CO11-Appreciate the role of alternative systems of Medicine in care of patients.**

**CO12-Incorporate evidence based Nursing practice and identify the areas of research**

**CO13-Recognize the role of Nurse practitioner as a member of the health team.**

**CO14-Conduct clinical Teaching for undergraduate nursing students & in-service nurses.**



## **CLINICAL SPECIALTY –I CHILD HEALTH (PAEDIATRIC) NURSING**

At the end of the course the students will be able to:

**CO1-**Appreciate the history and developments in the field of child health and child health nursing as a specialty.

**CO2-**Apply the concepts of growth and development in providing care to the pediatric clients and their families.

**CO3-**Perform physical, developmental, and nutritional assessment of pediatric clients

**CO4-**Apply nursing process in providing nursing care to neonates & children

**CO5-**Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.

**CO6-**Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing

**CO7-** Describe various recent technologies and treatment modalities in the management of high risk children.

**CO8-**Incorporate evidence based nursing practice and identifies the areas of research in the field of pediatric/neonatal nursing

**CO9-**Recognize the role of pediatric nurse practitioner as a member of the pediatric and neonatal health team.

**CO10-**Teach pediatric nursing to undergraduate students & in-service nurses.

**CO4-**Discuss the cost and financing of health services in India.

## **CLINICAL SPECIALTY-1MENTAL HEALTH (PSYCHIATRIC) NURSING-1**

At the end of the course, the students:



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**CO1-**Appreciate the trends and issues in the field of Psychiatry and Psychiatric nursing.

**CO2-**Explain the dynamics of personality development and human behaviour.

**CO3-**Describe the concepts of psychobiology and psychopathology in mental disorders and its **CO4-**implications for psychiatric nursing practice.

**CO5-**Demonstrate therapeutic communication skills in all interactions.

**CO6-**Establish and maintain therapeutic relationship with individual, groups and families. 6.

**CO7-**Apply nursing process in providing holistic care to patients with mental disorders.

**CO8-**Carryout counseling and guidance programmes to various types of clients

**CO9-**Appreciate the legal and ethical issues pertaining to psychiatric nursing.

**CO10-**Demonstrate skills /competencies in nursing management of patients with different mental disorders.

**CO11-**Participate in various treatment modalities used for Psychiatric patients.

**CO12-**Recognize the role of Psychiatric nurse practitioner as a member of the mental health team.

## **CLINICAL SPECIALITY – I( OBSTETRIC AND GYNAECOLOGICAL NURSING)**

At the end of the course the students will be able to:

**CO1-**Examine the trends in the field of midwifery, obstetrics and gynaecology as a specialty.

**CO2-**Describe the population dynamics and indicators of maternal and child health.

**CO3-**Describe current concepts in genetics and embryology.

**CO4-**Identify the role of women in the society



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**CO5-**Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium.

**CO6-**Provide comprehensive nursing care to women during reproductive period and newborns.

**CO7-**Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynaecological nursing.

**CO8-**Identify and analyze the deviations from normal birth process and refer appropriately.

**CO9-**Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse

**CO10-**Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation.

**CO11-**Describe the role of various types of complementary and alternative therapies in obstetric and gynecological nursing.

**CO12-**Incorporate evidence based nursing practice and identifies the areas of research in the field of obstetric and gynecological nursing.

**CO13-**Describe the recent advancement in contraceptive technology and birth control measures.

**CO14-**Explain the legal and ethical issues pertaining to obstetric and gynecological nursing.

**CO15-**Function as independent midwifery nurse practitioner

## **CLINICAL SPECIALTY – 1(COMMUNITY HEALTH NURSING)**

At the end of the course, the students will be able to:

**CO1-**Review the history and development in the field of community health and community health nursing



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**CO2-Analyze the role of individuals and families in promoting health of the community 3.**

Perform physical, developmental and nutritional assessment of individuals, families and groups

**CO3-Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the members of the community**

**CO4-Apply nursing process approach while providing care to individuals, families, groups and community.**

**CO5-Integrate the concepts of family centered nursing approach while providing care to the community.**

**CO6-Apply concepts and principles of epidemiology in the practice of community health nursing**

Recognize and participate in the management of emergencies, epidemics and disasters

**CO7-Utilize the concept of demography and its application in public health**

**CO8-Appreciate legal and ethical issues pertaining to community health nursing care**

**CO9-Conduct community health nursing care projects**

**CO10-Participate in planning, implementation and evaluation of different national health and family welfare programmes at local, state and national level.**

**CO11-Participate effectively as a member of community health team**

**CO12-Coordinate and collaborate with various agencies operating in the community by using inter sectoral approach**

**CO13-Teach community health nursing to undergraduates, in-service nurses and the community health workers.**



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## **NURSING MANAGEMENT**

At the end of the course, students will be able to:

**CO1-**Describe the philosophy and objectives of the health care institutions at various levels.

**CO2-**Identify trends and issues in nursing

**CO3-**Discuss the public administration, health care administration vis a vis nursing administration

**CO4-**Describe the principles of administration applied to nursing

**CO5-**Explain the organization of health and nursing services at the various levels/institutions.

**CO6-**Collaborate and co-ordinate with various agencies by using multisectoral approach

**CO7-**Discuss the planning, supervision and management of nursing workforce for various health care settings.

**CO8-**Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care

**CO9-**Identify and analyze legal and ethical issues in nursing administration

**CO10-**Describe the process of quality assurance in nursing services.

**CO11-**Demonstrate leadership in nursing at various levels



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## CLINICAL SPECIALITY – II

### MEDICAL SURGICAL NURSING

#### SUB SPECIALITY – CARDIO VASCULAR AND THORACIC NURSING

At the end of the course the students will be able to:

**CO1-**Appreciate trends and issues related to cardio vascular and thoracic Nursing.

**CO2-**Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions

**CO3-**Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardio vascular and conditions

**CO4-**Perform physical, psychosocial & spiritual assessment

**CO5-**Assist in various diagnostic, therapeutic and surgical procedures

**CO6-**Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions

**CO7-**Demonstrate advance skills/competence in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support.

**CO8-**Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility

**CO9-**Demonstrate skill in handling various equipments/gadgets used for critical care of cardio vascular and thoracic patients

**CO10-** Appreciate team work & coordinate activities related to patient care.

**CO11-**Practice infection control measures.

**CO12-**Identify emergencies and complications & take appropriate measures



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**CO13-**Discuss the legal and ethical issues in cardio vascular and thoracic nursing.

**CO14-**Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.

**CO15-**Appreciate the role of alternative system of medicine in care of patient

**CO16-**Incorporate evidence based nursing practice and identify the areas of research in the field of cardio vascular and thoracic nursing

**CO17-**Identify the sources of stress and manage burnout syndrome among health care providers.

**CO18-**Teach and supervise nurses and allied health workers.

**CO19-**Design a layout of ICCU and ICTU and develop standards for cardiovascular and thoracic nursing practice.

## **CLINICAL SPECIALITY – II**

### **MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING**

At the end of the course the students will be able to

**CO1-**Appreciate trends and issues related to Critical Care Nursing, the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients

**CO1-**Describe the various drugs used in critical care and nurses responsibility

**CO2-**Perform physical, psychosocial & spiritual assessment

**CO3-**Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support.

**CO4-**Demonstrate skill in handling various equipments/gadgets used for critical care

**CO5-**Provide comprehensive care to critically ill patients.



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**CO6-**Appreciate team work & coordinate activities related to patient care.

**CO7-**Practice infection control measures.

**CO8-**Assess and manage pain.

**CO9-**Identify complications & take appropriate measures.

**CO10-**Discuss the legal and ethical issues in critical care nursing

**CO11-**Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety

**CO12-**Assist in various diagnostic, therapeutic and surgical procedures

**CO13-**Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing

**CO14-**Identify the sources of stress and manage burnout syndrome among health care providers.

**CO15-**Teach and supervise nurses and allied health workers.

**CO16-**Design a layout of ICU and develop standards for critical care nursing practice.

## **CLINICAL SPECIALITY-II**

### **MEDICAL SURGICAL NURSING- ONCOLOGY NURSING**

At the end of the course the students will be able to

**CO1-**Explain the prevention, screening and early detection of cancer

**CO2-**Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems

**CO3-**Describe the psychosocial effects of cancer on patients and families.



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**CO4**-Demonstrate skill in administering/assisting in various treatment modalities used for patients with cancer

**CO5**-Apply nursing process in providing holistic care to patients with cancer.

**CO6**-Apply specific concepts of pain management

**CO7**-Appreciate the care of death and dying patients and value of bereavement support.

**CO8**-Describe the philosophy, concept and various dimensions of palliative care

**CO9**-Appreciate the role of alternative systems of medicine in care of cancer patients

**CO10**-Appreciate the legal & ethical issues relevant to oncology nursing

**CO11**-Recognize and manage Oncological emergencies

**CO12**-Counsel the patients with cancer and their families

**CO13**-Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing

**CO14**-Recognize the role of oncology nurse practitioner as a member of oncology team

**CO15**-Collaborate with other agencies and utilize resources in caring for cancer patients.

**CO16**-Teach and supervise nurses and allied health workers.

**CO17**-Design a layout and develop standards for management of oncology units/hospitals and nursing care.

## CLINICAL SPECIALITY – II

### MEDICAL SURGICAL NURSING- NEUROSCIENCES NURSING

**At the end of the course the students will be able to**

**CO1**-Appreciate trends and issues related to neurology and neurosurgical Nursing.



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**CO2-**Review the anatomy and physiology of nervous system

**CO3-**Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders

**CO4-**Perform neurological assessment and assist in diagnostic procedures

**CO5-**Describe the concepts and principles of neuroscience nursing

**CO6-**Describe the various drugs used in neurosciences and nurses responsibility

**CO7-**Assist in various therapeutic and surgical procedures in neuroscience nursing

**CO8-**Demonstrate advance skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach

**CO9-**Identify psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional distress, spiritual, grief and anxiety

**CO10-**Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients.

**CO11-**Explain the legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing

**CO12-**Incorporate evidence based nursing practice and identify the areas of research in the field of neuroscience nursing

**CO13-**Organise and conduct inservice education program for nursing personnel.

**CO14-**Develop standards of care for quality assurance in neuroscience nursing practice

**CO15-**Identify the sources of stress and manage burnout syndrome among health care providers.

**CO16-**Teach and supervise nurses and allied health workers.

**CO17-**Plan and develop physical layout of neuro intensive care unit



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**CLINICAL SPECIALITY – II**

**MEDICAL SURGICAL NURSING- NEPHRO-UROLOGY NURSING**

At the end of the course the students will be able to:

**CO1-**Appreciate trends and issues related to nephro and urological nursing

**CO2-**Describe the epidemiology, etiology, pathophysiology and diagnostic of nephro and urological conditions

**CO3-**Perform physical, psychosocial & spiritual assessment

**CO4-**Assist in various diagnostic, therapeutic and surgical interventions

**CO5-**Provide comprehensive nursing care to patients with nephro and urological conditions

**CO6-**Describe the various drugs used in nephro and urological conditions and nurses responsibility

**CO7-**Demonstrate skill in handling various equipments/gadgets used for patients with nephro and urological conditions

**CO8-**Appreciate team work & coordinate activities related to patient care.

**CO9-**Practice infection control measures.

**CO10-**Identify emergencies and complications & take appropriate measures

**CO11-**Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs

**CO12-**Discuss the legal and ethical issues in nephro and urological nursing

**CO13-**Identify the sources of stress and manage burnout syndrome among health care providers

**CO14-**Appreciate the role of alternative system of medicine in the care of patient



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**CO15**-Incorporate evidence based nursing practice and identify the areas of research in the field of nephro and urological nursing

**CO16**-Teach and supervise nurses and allied health workers.

**CO17**-Design a layout of kidney transplant unit and dialysis unit

**CO18**-Develop standards of nephro urological nursing practice

## CLINICAL SPECIALITY – II

### MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

At the end of the course the students will be able to:

**CO1**-Appreciate the history and developments in the field of orthopedic nursing

**CO2**-Identify the psycho-social needs of the patient while providing holistic care.

**CO3**-Perform physical and psychological assessment of patients with orthopedic conditions and disabilities.

**CO4**-Describe various disease conditions and their management

**CO5**-Discuss various diagnostic tests required in orthopedic conditions

**CO6**-Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation.

**CO7**-Recognize and manage orthopedic emergencies.

**CO8**-Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation.

**CO9**-Integrate the concept of family centered, long term care and community based rehabilitation to patients with orthopedic conditions.

**CO10**-Counsel the patients and their families with orthopedic conditions

**CO11**-Describe various orthotic and prosthetic appliances



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**CO12-**Appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation.

**CO13-**Appreciate the role of alternative system of medicine in care of patients with orthopedic conditions

**CO14-**Incorporate evidence based nursing practice and identify the areas of research in the field of orthopedic nursing.

**CO15-**Recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team.

**CO16-**Teach orthopedic nursing to undergraduate students and in-service nurses.

**CO17-**Prepare a design and layout of orthopedic and rehabilitative units.

## CLINICAL SPECIALITY - II

### MEDICAL SURGICAL NURSING - GASTRO ENTEROLOGY NURSING

At the end of the course the students will be able to

**CO1-**Appreciate trends and issues related to gastro enterology nursing

**CO2-**Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions

**CO3-**Participate in national health programs for health promotion, prevention and rehabilitation of patients with gastrointestinal conditions

**CO4-**Perform physical, psychosocial & spiritual assessment

**CO5-**Assist in various diagnostic, therapeutic and surgical procedures

**CO6-**Provide comprehensive care to patients with gastrointestinal conditions

**CO7-**Describe the various drugs used in gastrointestinal conditions and nurses responsibility



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**CO8-**Demonstrate skill in handling various equipments/gadgets used for patients with gastrointestinal conditions

**CO9-**Appreciate team work & coordinate activities related to patient care.

**CO10-**Practice infection control measures.

**CO11-**Identify emergencies and complications & take appropriate measures

**CO12-**Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs

**CO13-**Discuss the legal and ethical issues in GE nursing

**CO14-**Identify the sources of stress and manage burnout syndrome among health care providers

**CO15-**Appreciate the role of alternative system of medicine in care of patient

**CO16-**Incorporate evidence based nursing practice and identify the areas of research in the field of gastrointestinal nursing

**CO17-**Teach and supervise nurses and allied health workers.

**CO18-**Design a layout of Gastro entrolgy intensive care unit (GEICU), liver care/transplant unit

## CLINICAL SPECIALITY – II

### OBSTETRIC AND GYNAECOLOGICAL NURSING

At the end of the course, the student will be able to:

**CO1-**Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions

**CO1-**Perform physical, psychosocial, cultural & spiritual assessment



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**CO1-Demonstrate competence in caring for women with obstetrical and gynaecological conditions**

**CO1-Demonstrate competence in caring for high risk newborn.**

**CO1-Identify and Manage obstetrical and neonatal emergencies as per protocol.**

**CO1-Practice infection control measures**

**CO1-Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical , gynecological and neonatal care.**

**CO1-Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynaecological and neonatal care**

**CO1-Teach and supervise nurses and allied health workers.**

**CO1-Design a layout of speciality units of obstetrics and gynecology**

**CO1-Develop standards for obstetrical and gynaecological nursing practice.**

**CO1-Counsel women and families**

**CO1-Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynaecological nursing**

**CO1-Function as independent midwifery nurse practitioner**

## **CLINICAL SPECIALTY –II**

### **PEDIATRIC (CHILD HEALTH) NURSING**

At the end of the course the students will be able to:

**CO1-Apply the nursing process in the care of ill infants to pre adolescents in hospital and community**

**CO2-Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems**



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**CO3-Recognize and manage emergencies in children**

**CO4-Provide nursing care to critically ill children**

**CO5-Utilize the recent technology and various treatment modalities in the management of high risk children**

**CO6-Prepare a design for layout and describe standards for management of units/hospitals**

**CO7-Identify areas of research in the field of pediatric nursing**

## **CLINICAL SPECIALITY – II**

### **PSYCHIATRIC (MENTAL HEALTH) NURSING**

At the end of the course the students will be able to:

**CO1-Apply the nursing process in the care of patients with mental disorders in hospital and community**

**CO2-Demonstrate advanced skills/competence in nursing management of patients with mental disorders**

**CO3-Identify and care for special groups like children, adolescents, women,elderly, abused and neglected, people living with HIV/AIDS.**

**CO4-Identify and manage psychiatric emergencies.**

**CO5-Provide nursing care to critically ill patients with mental disorders**

**CO6-Utilize the recent technology and various treatment modalities in the**

**CO7-Demonstrate skills in carrying out crisis intervention.**

**CO8-Appreciate the legal and ethical issues pertaining to psychiatric nursing.**



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**CO9**-Identify areas of research in the field of psychiatric nursing.

**CO10**-Prepare a design for layout and describe standards for management of units/emergency units/hospitals

**CO11**-Teach psychiatric nursing to undergraduate students & in-service nurses.

## CLINICAL SPECIALITY – II

### COMMUNITY HEALTH NURSING

At the end of the course the students will be able to:

**CO1**-Appreciate trends and issues related to community health Nursing reproductive and child health, school health, Occupational health, international health, rehabilitation, geriatric and mental health.

**CO2**-Apply epidemiological concepts and principles in community health nursing practice

**CO3**-Perform community health assessment and plan health programmes

**CO4**-Describe the various components of Reproductive and child health programme.

**CO5**-Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach.

**CO6**-Describe the role and responsibilities of community health nurse in various national health and family welfare programmes

**CO7**-Participate in the implementation of various national health and family welfare programme

**CO8**-Demonstrate competencies in providing family centered nursing care independently

Participate/Conduct research for new insights and innovative solutions to health problems

**CO9**-Teach and supervise nurses and allied health workers.



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**CO10-**Design a layout of sub center/Primary health center/Community health centre and develop standards for community health nursing practice.

## **Bachelor of Science in Nursing Programme**

### **Course Outcomes**

#### **ANATOMY**

**At the end of the course** the students will be able to:

**CO1-**To discuss about Human cell structure, Tissues – Definition, Types, Characteristics, Classification, Location, Functions and Formation

**CO2-**To discuss about structure and functions of bones and joints

**CO3-**To discuss about Membranes and glands – classification and structure Alterations in disease applications and implications in nursing. structure and functions of muscle

**CO4-**To describe about the structure and function of nervous system

**CO5-**To describe about structure and functioning of sensory organs

**CO6-**To discuss about the structure and functions of circulatory system and lymphatic system

**CO7-**To discuss about the structure and function about respiratory system

**CO8-**To discuss about the structure and function of digestive system

**CO9-**To describe about the structure and functions of urinary system

**CO10-**To discuss about the structure and functions of endocrine system

**CO11-**To discuss about the structure and functions of respiratory system

#### **PHYSIOLOGY**

**At the end of the course** the students will be able to:



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**CO1-**Describe about the cell physiology, Tissue formation, repair, Membranes & glands, functions, alterations in disease

**CO2-**Elaborate and discuss about Bones – Functions and movements of bones of axial and appendicular skeleton

**CO3-**Describe the Muscle movements, Muscle tone, Physiology of contraction, levels and maintenance of posture

**CO4-**Describe about the Functions of Neuroglia & Neurons Stimulus Nerve – impulse-definitions and mechanism, Functions of brain, Spinal cord, cranial and spinal nerves

**CO5-**Describe about the circulatory system

**CO6-**Describe about the Physiology of respirations

**CO7-**Describe about the Functions of organs of digestive tract

**CO8-**Elaborate the physiology of excretory system

**CO9-**Describe about the physiology of sensory system

**CO10-**Described about the physiology of endocrine system

**CO11-**Describe about the physiology of reproductive system

**CO12-**Describe about the lymphatic and immunological system

## **BIOCHEMISTRY**

**At the end of the course the students will be able to:**

**CO1-**Describe the structure, composition and functions of cell

**CO2-**Differentiate between Prokaryote cell

**CO3-**Identify techniques of Microscopy

**CO4-**Explain the metabolism of carbohydrates



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**CO5-Explain the metabolism of Lipids**

**CO6-Explain the metabolism of Amino acids and proteins**

**CO7-Describe the types, composition and utilization of Vitamins & minerals**

**CO8-Describe Immuno chemistry**

## **NUTRITION**

**At the end of the course the students will be able to:**

**CO1-Describing the relationship between Nutrition and health**

**CO2-Describe the classification functions sources and recommended daily allowances of carbohydrates**

**CO3-Describe the classification functions sources and recommended daily allowances of fats**

**CO4-Describe the classification functions sources and recommended daily allowances of Protein**

**CO5-Describe daily calorie requirement for different categories of people.**

**CO6-Describe and plan balanced diet for different categories of people**

**CO7-Describe the classification functions sources and recommended daily allowances of Vitamins**

**CO8-Describe cookery rules and preservation of nutrients**

**CO9-Prepare and serve simple beverages and different types of food**

**CO10-Describe and plan balanced diet for different categories of people**

**CO11-Describe various national programs related to nutrition**

**CO12-Describe the role of nurse in assessment of nutritional status and nutritional education**



## NURSING FOUNDATION

**At the end of the course the students will be able to:**

- CO1-**Describe the concept of health and list the causes cum risk factors of illness.
- CO2-**Describe the body defenses along with illness and illness behavior.
- CO3-**Describe the Health care services and teams, Health promotions and levels of diseases, Primary health care and its delivery
- CO4-**Explain concept and scope of nursing
- CO5-**Describe values, code of ethics and professional conduct for nurses in India
- CO6-**Explain the admission and discharge procedure
- CO7-**Perform the admission and discharge procedure
- CO8-**Explain the concept, uses, format and steps of nursing process
- CO9-**Documents nursing process as per the format
- CO10-**Describe the principles and techniques of monitoring and maintaining vital signs
- CO11-**Describe the purpose and process of health assessment
- CO12-**Describe the health assessment of each body system
- CO13-**Perform health assessment of each body system
- CO14-**Identify the various machinery, equipment and linen and their care
- CO15-**Describe the basic, physiological and psychosocial needs of patient
- CO16-**Describe the principles and techniques for meeting basic physiological and psychosocial needs of patient
- CO17-**Perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient



## ENGLISH

**At the end of the course the students will be able to:**

**CO1-Speak and write grammatically correct english.**

**CO1-Develop ability to read, understand and express meaningfully, the prescribed text**

**CO1-Develop skill in english**

**CO1-Develop skill in listening comprehension**

**CO1-Develop writing skills**

**CO1-Teach, discuss and practice composition of letter writing, note taking, precis writing, nurses notes, anecdotal records, diary writing, reports on health problems and resume/CV**

## B.SC. (N) II SEMESTER

### NURSING FOUNDATION

**At the end of the course the students will be able to:**

**CO1-describe about the physiological needs assessment mobility and immobility, oxygenation, fluid and electrolyte, acid-base imbalances**

**CO2-perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient Physiological needs assessment mobility and immobility, oxygenation, fluid and electrolyte, acid-base imbalances**

**CO3-perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient**

**CO4-describe principles and techniques for infection control and bio medical waste management in supervised clinical settings**

**CO5-explain the principles, routes, effects of administration of medications**

**CO6-calculate conversions of drugs and dosages within and between systems of measurements**



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administer drugs by the following routes-oral, intra dermal, subcutaneous, intramuscular, intra venous, topical, inhalation

CO7-describe principles and techniques for infection control and bio medical waste

management in supervised clinical settings

CO8-explain the principles, routes, effects of administration of medications

CO9-calculate conversions of drugs and dosages within and between systems of measurements

CO10-administer drugs by the following routes-oral, intra dermal, subcutaneous, intramuscular, intra venous, topical, inhalation.

CO11-describe the pre-and post-operative care of patients

CO12-explain the process of wound healing

CO13-explain the principles and techniques of wound care perform care of wounds

CO14-perform health assessment of each body system

CO15-identify the various machinery, equipment and linen and their care

CO16-describe the basic, physiological and psychosocial needs of patient

CO17-describe the principles and techniques for meeting basic physiological and psychosocial needs of patient

CO18-perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient

## NURSING FOUNDATION (PRACTICAL )

**At the end of the course the students will be able to:**

CO1-describe the admission and discharge procedure

CO2-discuss on preparation of admission unit



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**CO3**-explain preparation of unit for transfer in and new patient

**CO4**-discuss on discharge procedure

**CO5**-explain on maintain records of discharge and transfer.

**CO6**-brief on disinfection of the unit.

**CO7**-demonstrate history taking procedure.

**CO8**-demonstrate prioritizing goal and expected outcome.

**CO9**-explain writing nursing care plan

**CO10**-demonstrate use of verbal and non-verbal communication techniques

**CO11**-demonstrate writing change of shift report

**CO12**-demonstrate writing transfer and incident report

**CO13**-demonstrate recording of temperature, pulse and respiration

**CO14**-demonstrate recording of blood pressure

**CO15**-demonstrate history taking.

**CO16**-perform physical examination

**CO17**-demonstrate open bed and closed bed

**CO18**-demonstrate occupied and operation bed

**CO19**-demonstrate amputation bed and cardiac bed.

**CO20**-demonstrate burn bed and fowlers bed

**CO21**-demonstrate use of comfort devices

**CO22**-demonstrate oral care

**CO23**-demonstrate baths and care of pressure points

**CO24**-demonstrate hair wash

**CO25**-demonstrate pediculosis treatment



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**CO26**-demonstrate oral, enteral, nasogastric feeding

**CO27**-demonstrate parenteral feeding

**CO28**-discuss on providing urinal or bed pan to patient

**CO29**-demonstrate perineal care

**CO30**-demonstrate catheterization

**CO31**-demonstrate care of urinary drainage

**CO32**-demonstrate procedure on bladder irrigation

**CO33**-demonstrate insertion of flatus tube

**CO34**-demonstrate insertion of suppository

**CO35**-demonstrate procedure of bowel wash

**CO36**-discuss on room exercises

**CO37**-demonstrate positioning

**CO38**-demonstrate moving patient

**CO39**-demonstrate oxygen administration

**CO40**-demonstrate suctioning to discuss and demonstrate suctioning such as oropharyngeal suctioning and nasopharyngeal suctioning

**CO41**-demonstrate chest physiotherapy

**CO42**-demonstrate postural drainage

**CO43**-demonstrate care of chest drainage

**CO44**-demonstrate CPR

**CO45**-demonstrate iv insertion

**CO46**-demonstrate iv maintenance

**CO47**-discuss on blood and blood component therapy



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**CO48**-discuss on collection of specimens

**CO49**-explains on urine sugar, acetone and albumin

**CO50**-explains blood sugar

**CO51**-explain on hot application

**CO52**-explain on cold application

**CO53**-discuss on sitz bath.

**CO54**-discuss on self-care of visually and hearing impaired

**CO55**-discuss on self-care of mentally challenged patients

**CO56**-discuss on surgical asepsis.

**CO57**-discuss on care of articles

**CO58**-discuss on skin preparation for surgery

**CO59**-discuss on pre-and post-operative monitoring.

**CO60**-demonstrate care of wound.

**CO61**-demonstrate on bandaging of various body parts

**CO62**-demonstrate medication administration

**CO63**-demonstrate drug measurement and

## **PSYCHOLOGY**

**At the end of the course the students will be able to:**

**CO1**-Describe the history, scope and methods of psychology

**CO2**-Explain the biology of Human behavior.

**CO3**-Describe various cognitive processes and their applications

**CO4**-Describe motivation, emotions, stress, attitudes and their influence on behavior.

**CO5**-Explain the concepts of personality and its influence on behavior.



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CO6-Describe the psychology of people during the life cycle.

CO7-Describe the characteristics of Mentally Healthy person Explain Ego defence mechanism.

## MICROBIOLOGY

**At the end of the course the students will be able to:**

CO1-Explain the concepts and principles of microbiology and their importance in nursing.

CO2-Describe the structure, classification morphology and growth of bacteria.

CO3-Identify Micro-organisms.

CO4-Describe the methods of infection control.

CO5-Identify the role of nurse in hospital infection control program.

CO6-Describe the different disease producing organisms.

CO7-Explain the concept of immunity, hyper - sensitivity and immunization

## INTRODUCTION TO COMPUTERS

**At the end of the course the students will be able to:**

CO1-Identify & define various concepts used in computer in nursing.

CO2-Identify application of computer in nursing.

CO3-Describe and use the disk operating system

CO4-Demonstrates skill in the use of MS Office

CO5-Demonstrates skill in using multi media

CO6-Identify features of computer aided teaching and testing

CO7- Demonstrate use of internet and email

CO8-Describe and use the statistical packages

CO9-Describe the use of hospital management system



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## B.SC. (N) III SEMESTER

### SOCIOLOGY

**At the end of the course the students will be able to:**

**CO1-**Explain the definition, nature ,scope, importance and application of sociology in nursing

**CO2-**Discuss in detail about society and community, nature of society, difference between society and community, process of socialization and individualization, personal disorganization

**CO3-**Elaborate the meaning of culture

**CO4-**Discuss the evolution of culture

**CO5-**Explain the diversity and uniformity of culture

**CO6-**Discuss the concept of trans cultural society and its influence on health and disease

**CO7-**Explain the meaning and classification of groups, primary & secondary group

**CO8-**Discuss the in-group v/s. Out-group, class, tribe, caste

**CO9-**Describe the economic, political, religious groups, mob, crowd, public and audience interaction & social

**CO10-**Explain the co-operation, competition, conflict

**CO11-**Explain the co-operation, competition, conflict, accommodation, assimilation & isolation

**CO12-**Describe the society and population, population distribution in india-demographic characteristics, Malthusian theory of populations, population explosion in india and its impact on health status

**CO13-**Explain the family welfare programs

**CO14-**Discuss the importance and functions of family.

**CO15-**Elaborate the various type of family and welfare services



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**CO16-**Briefly discuss the changes & legislations on family and marriage in, india

**CO17-**Explain the various forms of marriages and its functions

**CO18-**Describe the concepts of social stratification and indian caste system-

**CO19-**Explain the social mobility, social class system

**CO20-**Briefly describe the influence of class, caste and race on health and health practices

**CO21-**Describe the characteristics of india village and panchayat system and social dynamics

**CO22-** Explain the community development project & planning & changes in indian rural life

**CO23-**Discuss the of health facilities in rural and its impact on health and health practices

**CO24-**Explain the urban-community-features, the growth of cities: urbanization and its impact on health and health practices major urban problems – urban slums

**CO25-**Explain the region; problems and impact on health

**CO26-**Discuss the nature and process of social change, factors influencing social change : cultural change, cultural lag

**CO27-**Discuss the theories of social change

**CO28-**Explain the functional role of nurse – change agents

**CO29-**Explain social organization : elements, types

**CO30-**Discuss the democratic and authoritarian modes of participation

**CO31-**Explain the voluntary associations

**CO32-**Definition and types of social system

**CO33-**Briefly discuss about inter – relationship of institution

**CO34-**Explain the nature and process of social control



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**CO35-**Discuss the political, legal, religious, educational, economic, industrial and technological system, norms values- folkways and mores customs laws and fashion

**CO36-**Discuss the role of nurse

**CO37-**Discuss the meaning , nature characteristics of social disorganization

**CO38-** Explain the various types of social problems.

**CO39-** Explain the social welfare programs in india

**CO40-**Explain the role of nurse in dealing with social problems.

## PHARMACOLGY(A) PATHOLOGY (B) & GENETICS (C)

**At the end of session student will be able to:**

**CO1-**Explain the definition , types action

**CO2-**Discuss Chemotherapy

**CO3-** Discuss the pharmacology of commonly used antiseptic, disinfectants and insecticides

**CO4-** Discuss the action of drug on G.I System.

**CO5-** Discuss the action of drug on Respiratory System.

**CO6-** Students are able to discuss the action of drug on Urinary System.

**CO7-** Students are able to discuss the action of drug used in emergency in drug deaddiction.

**CO8-** discuss the action of drug on skin and mucous membrane.

**CO9-** Discuss the action of drug Nervous System.

**CO10-** Discuss cardiovascular drugs.

**CO11-**Discuss the action of drug for hormonal disorders and supplementation, contraception and medical termination of pregnancy.

**CO12-** Discuss the alternative system of medicine.

## PATHOLOGY-(B)

**At the end of the course the students will be able to:**

**CO1-**Define the common terms used in pathology.

**CO2-**Appreciate the deviations from normal to abnormal structure and functions of the body system.



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- CO3- Explain the pathological changes in disease conditions of various systems.
- CO4-Describe various laboratory tests in assessment and monitoring of disease conditions.
- CO5-Describing the laboratory tests for examination of body cavity fluids, transudates and exudates.
- CO6-Describe the laboratory tests for examination of Urine and faeces.

## GENETICS (C)

**At the end of the course the students will be able to:**

- CO1-Explain nature, principles and perspectives of heredity.
- CO2-Explain maternal, prenatal and genetic influences on development of Defects and disease.
- 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.

## COMMUNITY HEALTH NURSING-I

**At the end of the course the students will be able to:**

- CO1-Discuss the historical development of Community Health and Community health Nursing.
- CO2-Define health
- CO3-Describe the concepts and dimensions of health
- CO4-Discuss the promotion of health and maintenance.
- CO5-Discuss Eugenics
- CO6-Discuss Environment:
- CO7-Enumerate Acts regulating the environment:
- CO8-Discuss the Financial Management
- CO9-Describe the concepts, scope, uses, methods and approaches of epidemiology
- CO10-Describe epidemiology and nursing management of common communicable diseases
- CO11-Describe epidemiology and nursing management of common non-communicable diseases.



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**CO12-**Describe the concepts and scope of demography.

**CO13-**Describe methods of data collection, analysis and interpretation of demographic data

**CO14-**Identify the impact of population explosion in India.

**CO15-**Describe methods of population control.

## **COMMUNITY HEALTH NURSING –I PRACTICAL**

**At the end of the course the students will be able to:**

**CO1-**Build and Maintain rapport

**CO2-**Identify 'demographic characteristics, health determinants and community health resources

**CO3-**Diagnose health needs of individual and families

**CO4-**Provide primary care in health centre

**CO5-**Counsel and educate individual, family and community

## **Medical Surgical Nursing (Adult including Geriatrics) - I- Part A**

**At the end of the course the students will be able to:**

**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 aspects.

**CO4-**Describe the common signs, symptoms, problems and their Specific nursing intervention.

**CO5-**Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of respiratory systems.

## **Environmental Studies**

**At the end of the course the students will be able to:**

**CO1-** Define environmental studies

**CO2-**Describe the scope of EVS



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**CO3-**Discuss on forest resources, water resources, mineral resources, food resources, energy resources, land resources

**CO4-**Describe ecosystem, function of eco system

**CO5-**Describe genetic, species and eco system diversity.

**CO6-**Define environmental pollution, causes of environmental pollution

**CO7-** Discuss the solid waste management

**CO8-**Discuss about the role of individual in managing pollution

**CO9-**Discuss on disaster management

**CO10-**Discuss on water conservation

**CO11-**Discuss on global warming

**CO12-**Discuss on air prevention and control pollution act

**CO13-**Discuss on wasteland redemption

**CO14-**Discuss on wild life protection act

**CO15-**Discuss about population explosion

**CO16-**List down the human rights

**CO17-**Talk about value education

**CO18-**Talk about women and child welfare

**CO19-**Write about ecosystem

## **B.SC. (N) IV SEMESTER**

### **Medical Surgical Nursing ( Adult including Geriatrics) - I- Part B**



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**At the end of the course the students will be able to:**

**CO1-**Discuss about the trends in medical and surgical nursing.

**CO2-**Discuss about the role of a nurse in caring for adult patient in hospital and community.

**CO3-**Describe the concepts of medical surgical aspects.

**CO4-**Describe the common signs, symptoms, problems.

**CO5-**Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of respiratory systems.

**CO6-**Discuss about the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of digestive systems.

**CO7-**Discuss about the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with blood and cardio vascular problems.

**CO8-**Discuss about the vascular conditions and its nursing management.

**CO9-**Discuss about the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of genitor-urinary system.

**CO10-**Discuss about the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of genitor-urinary system.

**CO11-**Discuss about the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of genito-urinary system.

**CO12-**Discuss about the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculoskeletal system.

**CO13-**Discuss about the organisation and physical set up of operation theatre.

**CO14-**Identify the various instruments and equipments used for common surgical procedures.



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**CO15-**Discuss about the infection control measures in the operation theatre.

**CO16-**Discuss about the role of the nurse in the Peri Operative nursing care.

## Medical Surgical Nursing ( Adult including Geriatrics) - I- Practical)

**At the end of the course students will be able to :-**

**CO1-** Provide nursing care to adult patients with medical disorders & Counsel and educate patients and families.

**CO2-** Provide pre and post operative nursing care to adult patients with surgical disorders.

**CO3-**Provide nursing care to patients with cardiac disorders

**CO4-**Identify skin problems, Provide nursing care to patients with Skin disorders & Communicable diseases Counsel and educate patients and families

**CO5-**Provide nursing care to patients with musculoskeletal disorders & Counsel and educate patients and families.

## COMMUNICATION & EDUCATIONAL TECHNOLOGY

**At the end of the course the students will be able to:**

**CO1-**Describe the communication process and Identify the techniques of effective communication.

**CO1-**Establish effective inter-personal relations the patients, families & coworkers

**CO2-**Develop effective human relations in context of nursing

**CO3-**Develop basic skills of counseling and guidance

**CO4-**Describe the Philosophy and principles of Education, Explain the teaching learning process



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**CO5-**Demonstrate teaching skill using various teaching methods in clinical, classroom and community settings

**CO6-**Describe different types of educational media effectively

**CO7-**Describe different types of questions for assessment of knowledge, skills and attitudes.

**CO8-**Discuss about Teaching individuals, group and communities about health with their active participation.

## B.SC. (N) V SEMESTER

### Medical Surgical Nursing ( Adult including Geriatrics) – II

**At the end of the course the students will be able to:**

**CO1-**Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients with disorders of Ear, Nose and Throat.

**CO2-**Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients with disorders of Eye

**CO3-**Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients with neurological disorders.

**CO4-**Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients with disorders of female reproductive system & concepts of reproductive health and family welfare programme

**CO5-**Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients with burns reconstructive and cosmetic surgery.

## MENTAL HEALTH NURSING

**At the end of the course the students will be able to:**

**CO1-**Describe the historical development & current trends in mental health Nursing

**CO2-**Describe the epidemiology of mental health problems



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**CO3-Describe the National Mental Health Act**

**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 psychodynamics of maladaptive behavior**

**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 nature, purpose and process of assessment of mental health status Describe 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, psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with Schizophrenia, and other psychotic disorders**

**CO18-Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatization disorders**

**CO19-Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with substance use disorders**



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**CO20**-Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with Personality, Sexual and Eating disorders

**CO21**-Describe the etiology, psycho-pathology, clinical, Manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency

**CO22**-Identify psychiatric emergencies and carryout crisis intervention

**CO23**-Explain legal aspects applied in mental health setting and role of the nurse

## **MENTAL HEALTH NURSING:- Practical**

**At the end of the course the students will be able to:**

**CO1**-Assessment of children with various mental health problems & Counsel and educate children, families and significant others.

**CO2**-Assess patients with mental health problems

**CO3**-Provide nursing care for patients with various mental health problems

**CO4**-Assist in various therapies

**CO5**-Counsel and educate patients, families and significant others

**CO6**-Identify patients with various mental disorders

**CO7**-Motivate patients for early treatment and follow up

**CO8**-Assist in follow up clinic

**CO9**-Counsel and educate patient, family and community

## **B.SC. (N) VI SEMESTER**

### **CHILD HEALTH NURSING**

**At the end of the course the students will be able to:**

**CO1**-Explain the modern concept of child care and principles of child health nursing.



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**CO2-**describe national policy programmes and legislation in relation to child health and welfare

**CO3-**discuss major causes of death during infancy, early and 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-**Discuss 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 Describe the major functions and role of the paediatric nurse in caring for a hospitalized child.

**CO14-**Manage the child with behavioral and social problems.

**CO15-**Identify the social and welfare services for challenged children & prevent common childhood diseases including immunization

## **Child Health Nursing- Practical**

**At the end of the course the students will be able to:**

**CO1-**Provide nursing care to children with various medical disorders

**CO2-**Counsel and educate parents



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**CO3-**Recognise different pediatric surgical conditions/malformations

**CO4-**Provide pre and post operative care to children with common paediatric surgical conditions/malformation& Counsel and educate parents

**CO5-**Recognise different pediatric surgical conditions/malformations

**CO6-**Provide pre and post operative care to children with common paediatric surgical conditions/malformation& Counsel and educate parents

**CO7-**Provide nursing care to critically ill children

## **NURSING RESEARCH AND STATISTICS**

**At the end of the course the students will be able to:**

**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 and data collection.

**CO7-**Students are able to analyze, interpret and summarize the research data.

**CO8-**Explain the use of statistics, scales of measurement and graphical presentation of data.

**CO9-**Describe the measures of central tendency and variability and methods of correlation.

**CO10-**Communicate and utilize the research findings.



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## MEDICAL SURGICAL NURSING-II-Part B

**At the end of the course the students will be able to:**

**CO1-** Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients with oncology.

**CO2-** Describe the organization of emergency and disaster care services

**CO3-**Describe the role of nurse in disaster management.

**CO4-** Describe the role of nurse in management of common Emergencies.

**CO5-**Explain the concept and problems of aging.

**CO6-**Describe organization of critical care units.

**CO7-** Describe the role of nurse in management of patients in critical care units.

**CO8-** Describe the etiology, patho physiology, clinical manifestations, assessment, diagnostic measures and management of patients with occupational and industrial health disorder.

**CO9-**Provide care to patients with ENT disorders.

**CO10-**Counsel and educate patient and families.

**CO11-**Provide care to patients with Eye disorders.

**CO12-** Counsel and educate patient and families.

**CO13-** Provide care to patients with Neurological disorders and counsel and educate patient and families.

**CO14-**Provide care to patients with Gynecological disorders and counsel and educate patient and families.

**CO15-**Provide care to patients with Burns and counsel and educate patient and families.

**CO16-**Provide care to patients with cancer and counsel and educate patient and Families.



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**CO17-** Provide care to critically ill patients and counsel patient and families for grief and bereavement.

**CO18-** Provide care to patients in emergency and disaster Situation and counsel patient and families for grief and bereavement.

## B.SC. (N) VII SEMESTER

### MIDWIFERY AND OBSTETRICAL NURSING

**At the end of the course the students will be able to:**

**CO1-** Enumerate the various trends and historical aspects in midwifery.

**CO2-** Discuss the female reproductive organs and maternal pelvis.

**CO3-** Enumerate the fetal development.

**CO4-** Comprehend the Concept of genetics.

**CO5-** Discuss the antenatal period.

**CO6-** Describe the physiological changes during pregnancy.

**CO7-** Enumerate the diagnosis of pregnancy.

**CO8-** Explain the screening and assessment of antenatal women

**CO9-** Discuss the various adjustment issues related to the pregnancy.

**CO10-** Describe the physiology and stages of labour.

**CO11-** Describe the management of women during intranatal period.

**CO12-** Discuss the Assessment and management of intranatal period

**CO13-** Describe physiology of labour, mechanism of labour and management of labour.

**CO14-** Describe the physiology of puerperium.

**CO15-** Describe the management of women during postnatal period.



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**CO16-** Describe the assessment and management of normal neonate.

**CO17-** Describe the Identification and management of women with high risk pregnancy.

**CO18-** Describe management of abnormal labour and Obstetrical emergencies

**CO19-** Describe the management of postnatal complications.

**CO20-** Identify the high risk neonates and their nursing management.

**CO21-** Describe indication dosage, action, side effects and nurses responsibilities in the administration of drugs used for mothers.

**CO22-** Appreciate the importance of family welfare programme.

**CO23-** Describe the methods of contraception and role of nurse in family welfare programme.

## **MANAGEMENT OF NURSING SERVICES AND EDUCATION**

**At the end of the course the students will be able to:**

**CO1-** Explain the principles and functions of management.

**CO2-** Describe the elements and process of management.

**CO3-** Describe the management of nursing services in the hospital and Community.

**CO4-** Discuss organizational behavior and human relation.

**CO5-** Participate in planning and organizing in-service education program.

**CO6-** Describe management of nursing educational institutions.

**CO7-** Describe ethical and legal responsibilities of a professional nurse.

**CO8-** Explain the nursing practice standards.

**CO9-** Explain the various opportunities for professional advancement.



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## POST BASIC B.Sc. NURSING PROGRAMME

### Course Outcomes

#### Semester I

#### NURSING FOUNDATION:

**At the end of the class the students will be able to :**

CO1-Identify professional aspects of nursing

CO2-Explain theories of nursing

CO3-Identify ethical aspects of nursing profession.

CO4-Utilize steps of nursing process.

CO5-Identify the role of the nursing in various levels of health services.

CO6-Appreciate the significance of quality assurance in nursing

CO7-Explain current trends in health and nursing.

#### BIOCHEMISTRY AND BIOPHYSICS:

**At the end of the class the students can be able to :**

CO1-Identify the basic principles of bio-chemistry and biophysics.

CO2-Synthesize the knowledge of these principles in various nursing situation.

#### PSYCHOLOGY:

**At the end of the course the students will be able to:**

CO1-Appreciate the history and development in the field of management of nursing services and education.

CO2-Describe the elements and process of management.

CO3-Describe the Management of nursing service in the hospital

CO4-Describe the function of personnel management.



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**CO5-Describe the role of the administrator in budget preparation.**

**CO6-Describe the ethical and legal responsibilities of nurse.**

**CO7-Explain the nursing practice standards of a professional nurse.**

## NUTRITION AND DIETETICS

**At the end of the course, the student will be**

**CO1-Describe importance of nutrition for human health and wellness through lifespan.**

**CO2-Identify and manage various nutritional related problems at clinical settings.**

**CO3-Plan therapeutic diets for various diseases and disorders at clinical settings.**

**CO4-Explain the various national nutritional problems and existing programmes.**

**CO5-Screening and nutritional management of individual/community at risk.**

**CO6-Teach, guide, and supervise grass root community health workers.**

## MATERNAL NURSING

**At the end of the course, the student will be**

**CO1-Describe the physiology of pregnancy, labour and puerperium.**

**CO2-Manage normal pregnancy, labour and puerperium.**

**CO3-Explain the physiology of lactation and advice on management of breast feeding.**

**CO4-Be skilled in providing pre and post-operative nursing care in obstetric conditions.**

**CO5-Identify and manage high risk pregnancy including appropriate referrals.**

**CO6-Propagate the concept and motivate acceptance of family planning methods.**

**CO7-Teach, guide and supervise auxiliary midwifery personnel.**



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## ENGLISH

**At the end of the course, the student will have the**

CO1-Ability to speak and write grammatically correct English

CO2-Effective skill in reading and understanding the English language

CO3-Skill in report

## ENVIRONMENTAL STUDIES

**At the end of the course, the student will be**

CO1-Creating the awareness about environmental problems among people

CO2-Imparting basic knowledge about the environment and its allied problems.

CO3-Developing an attitude of concern for the environment.

CO4-Motivating public to participate in environment protection and environment improvement.

CO5-Acquiring skills to help the concerned individuals in identifying and solving environmental problems.

CO6-Striving to attain harmony with Nature.

## SEMESTER II

### MICROBIOLOGY

**At the end of the course, the student will be able to:**

CO1-Identify common disease producing micro-organisms.

CO2-Explain the basic principles of microbiology and their significance in health and disease.

CO3-Demonstrate skill in handling specimens



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**CO4-Explain various methods of dis-infection and sterilization.**

**CO5-Identify the role of the nurse in hospital infection control system.**

## **CHILD HEALTH NURSING**

**At the end of the course the students will be able to:**

**CO1-Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty**

**CO2-Apply the concepts of growth and development in providing care to the pediatric clients and their families.**

**CO3-Appreciate the child as a holistic individual**

**CO4-Perform physical, developmental, and nutritional assessment of pediatric clients**

**CO5-Apply nursing process in providing nursing care to neonates & children**

**CO6-Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness.**

**CO7-Recognize and manage emergencies in neonates**

**CO8-Describe various recent technologies and treatment modalities in the management of high risk neonates**

**CO9-Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing**

**CO10-Prepare a design for layout and management of neonatal unit**

**CO11-Incorporate evidence based nursing practice and identify the areas of research in the field of pediatric/neonatal nursing**

**CO12- Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health teaching**

**CO13-Teach pediatric nursing to undergraduate students & in-service nurses**



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## MEDICAL SURGICAL NURSING

**At the end of the course the students will be able to:**

**CO1-**Explain relevant anatomy and physiology of various system of the body.

**CO2-**Explain the Pathophysiology of various disorders.

**CO3-**Explain the actions, side effects and nursing implications in administering drugs for various disorders.

**CO4-**Discuss the recent advancement in the treatment and care of patients with medical surgical conditions.

**CO5-**Develop skill in giving comprehensive nursing care to patients following the steps of nursing process.

**CO6-**Assist the patients and their families in identifying and meeting their own health needs.

**CO7-**Appreciate the role of the nurse in the medical surgical health team.

## SEMESTER III

### SOCIOLOGY

**At the end of the class the students can be able to :**

**CO1-**State the importance of Sociology in Nursing

**CO2-**Describe the interstate relationship of individual in society and community

**CO3-**Describe the influence of culture and 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



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**CO6-Describe the types of communities in India, their practices and the impact on health**

## COMMUNITY HEALTH NURSING

**At the end of the class the students can be able to :**

**CO1-Explain the concept of various factors contributing to health of individual, family and community.**

**CO2-Identify the role of community health nurse**

**CO3-Describe epidemiological methods and principles of prevention and control of illness in the community.**

**CO4-Identify the role of personnel working in the community health set up. 6. Plan the work of community health nurse and supervise and train health workers.**

## INTRODUCTION TO NURSING EDUCATION

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

**CO1-Describe the philosophy and principles of education.**

**CO2-Explain the teaching -: learning process**

**CO3-Develop the ability to teach, using various methods and media.**

**CO4-Describe the process of assessment.**

**CO5-Describe the administrative aspects of school of nursing**

**CO6-Participate in planning and organizing an in-service education programme.**

**CO7-Develop basic skill of counseling and guidance.**

## INTRODUCTION TO NURSING RESEARCH

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

**CO1-Define the terms and concepts of nursing research**

**CO2-Identify needs and scope of nursing research**

**CO3-Identify and define a research problem**

**CO4-Locate and list sources of literature for a specific study**



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**CO5-**Describe different research approaches, methods of data collection and sampling techniques with a special reference to survey method.

**CO6-**Develop tool for data collection

**CO7-**Enumerate steps of data analysis and present data summary in tabular form

**CO8-**Use descriptive and co-relational statistics in data analysis

**CO9-**Conduct a group research project

## SEMESTER IV

### MENTAL HEALTH NURSING

**At the end of the course, the students will be able to**

**CO1-**Describe the psychiatric Nursing , its concept, and principles

**CO2-**Apply their knowledge in clinical and classroom.

### INTRODUCTION TO NURSING SERVICE ADMINISTRATION

**At the end of the course the students will be able to:**

**CO1-**Appreciate the history and development in the field of management of nursing services and education.

**CO2-**Describe the elements and process of management.

**CO3-**Describe the Management of nursing service in the hospital

**CO4-**Describe the function of personnel management.

**CO5-**Describe the role of the administrator in budget preparation.

**CO6-**Describe the ethical and legal responsibilities of nurse.

**CO7-**Explain the nursing practice standards of a professional nurse.



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## GENERAL NURSING MIDWIFERY

### **COURSE OUTCOMES**

### **FIRST YEAR**

### **BIO-SCIENCE**

#### **ANATOMY AND PHYSIOLOGY**

**At the end of the session students will be able to:**

**CO1-**Define and spell various anatomical terms.

**CO2-**Describe different organs of the body, systemic function and their inter-relationship.

**CO3-**Describe the composition of blood and its functions.

**CO4-**Describe the structure and functions of heart and blood vessels.

**CO5-**Describe structure and functions of lymphatic system

**CO6-**Describe the structure and functions of respiratory system

**CO7-**Describe the structure and function of digestive system.

**CO8-**Describe the structure and functions of organs of excretory system.

**CO9-**Describe the structure and functions of endocrine glands.

**CO10-**Describe the structure and functions of male and female reproductive system and accessory organs.

**CO11-**Describe the structure and functions of Nervous system.

**CO12-**Describe the structure and function of sensory organs.

**CO13-**Describe the structure and functions of skeletal system.

**CO14-**Describe structure and functions of Muscular system.



## **MICROBIOLOGY**

**At the end of the session students will be able to:**

**CO1-**Describe evolution of microbiology and its relevance in nursing.

**CO2-**Classify the different types of microorganism. Describe the normal flora and the common diseases caused by pathogens.

**CO3-**Explain the methods to study microbes.

**CO4-**Describe the sources of infection and growth of microbes.

**CO5-**Explain the transmission of infection and the principles in collecting specimens.

**CO6-**Describe various types of immunity, hypersensitivity autoimmunity and immunizing agents

**CO7-**Describe the various methods of control and destruction of microbes.

**CO8-**Demonstrate skill in handling & care of microscopes Identify common microbes under the microscope.

## **PSYCHOLOGY**

**At the end of the session students will be able to**

**CO1-**State the concept scope and importance of psychology.

**CO2-**Describe the structure of the mind.

**CO3-**Illustrate the dynamics of human behavior. Describe the concept of mental health

**CO4-**Describe and apply the process of learning, thinking, reasoning, observation and perception.

**CO5-**Discuss the concept and development of personality.

**CO6-**Discuss the nature and measurement of intelligence.



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## SOCIOLOGY

**At the end of session students will be able to:**

**CO1-**Describe the nature, scope & content of sociology and its importance in nursing

**CO2-**Describe the influence of the environment on individual development and the rights and responsibilities of the individual in the society.

**CO3-**Describe the concept of family as a social unit

**CO4-**Describe about social groups, social change, control, stratification and social problems.

**CO5-**Describe the culture and characteristics of community.

## FUNDAMENTALS OF NURSINGS

**At the end of session students will be able to:**

**CO1-**Define nursing and explain its nature, meaning, scope, ethics and principles in nursing.

**CO2-**Identify the qualities of a professional nurse health care agency and its functions.

**CO3-**Describe the holistic approach to nursing and the determinants of health and the effects of illness.

**CO4-**Describe nursing care of the patient/client in hospital using nursing process.

Demonstrate skill in the admission and discharge process, maintenance of safe environment and records and reports.

**CO5-**Describe basic needs of the patient Demonstrate skill in meeting basic care of the patient.

**CO6-**Describe the principles of assessment demonstrate skills in assessing the patient.

**CO7-**Describe the infection control, methods in the clinical setting. Demonstrate infection control practices.

**CO8-**Describe therapeutic nursing care



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**CO9-Explain the principles, routes, effects of administration of medications.**

## **FIRST AID**

**At the end of session students will be able to:**

**CO1-Describe the importance and principle of first aid**

**CO2-Demonstrate skill in first aid techniques.**

**CO3-Describe first aid in common emergencies.**

**CO4-List various community emergencies and community resources**

## **NUSING FOUNDATIONS- PRACTICAL**

**At the end of session students will be able to:**

**CO1-Performs admission and discharge procedure**

**CO2-Prepares nursing care plan as per the nursing process format**

**CO3-Communicates effectively with patient families and team members and**

**CO4-Maintains effective human relations.**

**CO5-Develops plan for patient teaching**

**CO6-Prepares patient reports**

**CO7-Presents reports**

**CO8-Monitors vital signs**

**CO9-Performs health assessment of each body system**

**CO10-Provides basic nursing care to patients**

**CO11-Performs infection control procedures**

**CO12-Provide care to pre and postoperative patients**



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**CO13-** Perform procedures for care of wounds

**CO14-**Administers drugs

**CO15-**Provide care to dying and dead

**CO16-**Counsel and support relatives

### **COMMUNITY HEALTH NURSING – I**

**At the end of session students will be able to:**

**CO1-**Describe the concept of health and disease and community health.

**CO2-**Explain various aspects of Community Health Nursing. Demonstrate skills in applying nursing process in Community Health Nursing settings

**CO3-**Demonstrate skill in assessing the health status and identify deviations from normal parameters in different age groups.

**CO4-**Describe the principles of epidemiology and epidemiological methods in community health nursing practice.

**CO5-**Demonstrate skill in providing comprehensive nursing care to the family.

**CO6-**Describe the principles and techniques of family health care services at home and in clinics.

**CO7-**Describe the referral system and community resources for referral.

**CO8-**List the records and reports used in community health nursing practice.

**CO9-**Explain the management of minor ailments.

### **COMMUNITY HEALTH NURSING I- PRACTICAL**

**At the end of session students will be able to:**

**CO1-**Organizing home visit



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**CO2-**Prepare bag and demonstrate bag technique.

**CO3-**Build up and maintain rapport with family.

**CO4-**Identify needs of community

**CO5-**Practice procedure

**CO6-**Make referrals.

**CO7-**Plan and conduct health education on identified health needs.

Set up clinics with help of staff.

**CO8-**Maintain records and reports

**CO9-**Collect and record vital health statistics.

**CO10-**Learn about various organizations of community health importance.

**CO11-**Health Assessment family

**CO12-**Identify the health needs of various age groups.

**CO13-**Assess the environment

**CO14-**Maintain family folders.

**CO15-**Assessment nutritional needs

**CO16-**Demonstrate different method of preparing food according to the nutritional need of family.

## **ENVIRONMENTAL HYGIENE**

**At the end of the session students will be able to**

**CO1-**Explain the importance of healthy environment and its relation to health and disease.

**CO2-**Describe the environmental factors contributing to health and illness.



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**CO3-Describe the community organization to promote environmental health.**

## **HEALTH EDUCATION AND COMMUNICATION SKILLS**

**At the end of the session students will be able to**

**CO1-Describe the concept and different aspects of communication.**

**CO2-Describe the aims and objectives, scope, levels, approaches and principles of health education.**

**CO3-Demonstrate the skills of counseling.**

**CO4-Describe the types of AV aids. Demonstrate skill in preparing and using different kinds of audio –visual aids.**

## **NUTRITION**

**At the end of session students will be able to:**

**CO1-Describe the relationship between nutrition and health.**

**CO2-Describe the classification of food.**

**CO3-Explain normal dietary requirements demonstrate skill in calculating normal food requirements.**

**CO4-Describe the principles and various methods of preparation, preservation and storage of food.**

**CO5-Describe about therapeutic diet.**

**CO6-Describe the concept of community nutrition.**

**CO7-Demonstrate skill in preparation of common food items.**

## **ENGLISH**



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**At the end of session students will be able to:**

**CO1-Speak and write correct grammatical English.**

**CO2-Develop ability to read, understand and write in English.**

**CO3-Demonstrate conversation skills.**

## **COMPUTER EDUCATION**

**At the end of the session students will be able to**

**CO1-Describe the structure and purpose of computers and disc operating systems**

**CO2-Demonstrate skill in the use of MS office.**

**CO3-Demonstrates skill in using multimedia**

**CO4-Demonstrate the use of internet and e-mail.**

## **GNM- SECOND YEAR**

### **MEDICAL SURGICAL NURSING- I**

**At the end of session students will be able to:**

**CO1-Explain the history of modern Medicine and Surgery**

**CO2-Demonstrate skill in conducting health assessment and physical examination**

**CO3-Describe the path- physiological mechanism of diseases.**

**CO4-Demonstrate skill in providing nursing care to patients with altered immune response.**

**CO5-Demonstrate skill in management of client with fluid and electrolyte imbalance.**



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**CO6-**Describe physical set up of OT and its equipments. Demonstrate skill in theatre techniques.

**CO7-**Demonstrate skill in preparing the client for surgery. Recognize and perform the role of nurse during surgery.

**CO8-**Demonstrate skill in giving care to clients after surgery (post-operative care).

**CO9-**Demonstrate skills in the nursing management of client with impaired respiratory function and gaseous exchange.

**CO10-**Describe the various gastro intestinal disorders. Demonstrate skill in providing care for clients with gastro intestinal disorders.

**CO11-**Describe the management of patients with metabolic and endocrinal disorders.

**CO12-**Demonstrate skills in caring for the clients with metabolic and endocrinal disorders.

**CO13-**Describe the management of clients with urinary and renal disorders. Demonstrate skill in giving care of client with urinary and renal disorders

**CO14-**Describe the nursing management of clients with Neurological disorders

**CO15-**Demonstrate skill in giving nursing care to clients with Neurological disorders.

**CO16-**Describe the management of clients with connective tissue and collagen disorders

**CO17-**Demonstrate skill in providing nursing care to clients with connective tissue and collagen disorders.

**CO18-**Describe the nurse's role in promoting wellness for elderly. Demonstrate skill in providing nursing care for elderly clients.



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## MEDICAL SURGICAL NURSING- II

**At the end of the session students will be able to**

**CO1-**Describe the management of patients with oncology

**CO2-**Describe the disorders of breast and breast cancer. Demonstrate skill in giving nursing care to patients with breast disorders.

**CO3-**Describe the various diseases and disorders of integumentary system and their management. Demonstrate skill in providing care to the clients with disorders of integumentary system.

**CO4-**Describe the disorder and diseases of eye Demonstrate skill in giving care for patients with various eye diseases and disorders.

**CO5-**Describe disorders and diseases of ear, nose and throat. Demonstrate skills in providing nursing care for patients with various ENT problems.

**CO6-**Describe cardiovascular circulatory and Hematological disorders and diseases.

**CO7-**Demonstrates skill in carrying nursing interventions for clients with circulatory and hematological disorders and diseases.

**CO8-**Describe the nursing management of patients with communicable diseases.

Demonstrate skill in providing interventions for patients with communicable the nurse's role in various national control/ Eradication Programme of communicable diseases.

**CO9-**Describe various sexually transmitted diseases.

**CO10-**Demonstrates skills in syndromic management of sexually transmitted diseases.

**CO11-**Describe various musculoskeletal disorders and diseases. Demonstrate skills in management of musculoskeletal diseases.

**CO12-**Describe the role of nurse in medical surgical emergencies Demonstrate skill in meeting medical surgical emergencies.



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**CO13-Identify the role of nurses in emergency and disasters. Demonstrate beginning skill in managing the Emergencies and disasters.**

## **MEDICAL SURGICAL NURSING- PRACTICAL**

**At the end of the session students will be able to**

**CO1-Provide nursing care to adult patients with medical disorders**

**CO2-Counsel and educate patients and family**

**CO3-Provide pre & post-operative nursing care to adult patients with surgical disorders**

**CO4-Educate & counsel patients and families**

**CO5-Identify instruments used in different operations**

**CO6-Set-up the table/ trolleys for common operative procedures Assist in the operative procedures Provide peri-operative nursing care Gain proficiency in ICU nursing**

**CO7-Identify potential problem and provide care accordingly**

**CO8-Record findings and medications accurately**

**CO9-Develop good IPR with patient &family.**

**CO10-Identify specific problems related to the elderly**

**CO11-Assist in the activities of daily living**

**CO12-Provide comprehensive nursing care.**

**CO13-Provide care for patients with cancer.**

**CO14-Counsel and educate patient and families**

**CO15-Provide care to patients with dermatology disorder and Burn.**

**CO16-Counsel and educate patient and families.**



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**CO17-**Provide care to patients with ENT disorders

**CO18-**Counsel and educate patient and families

**CO19-**Provide care of patients with cardiac and vascular disorders

**CO20-**Counsel and educate patients and families.

**CO21-**Provide nursing care to patients with musculoskeletal disorders.

**CO22-**Counsel and educate patient and families

**CO23-**Provide nursing care for patients with communicable diseases

**CO24-**Provide care to patients in emergency and disaster situation.

**CO25-**Counsel patient and relatives for grief and bereavement.

## **MENTAL HEALTH NURSING**

**At the end of the session students will be able to:**

**CO1-**Describe the concept of mental health and mental illness in relation to providing comprehensive care to the patients.

**CO2-**Narrate the historical development of Psychiatry and psychiatric nursing.

**CO3-**Describe mental health assessment

**CO4-**Describe therapeutic relationship

**CO5-**Demonstrate skills in process recording

**CO6-**List various mental disorders and describe their mental and psychiatric and nursing management

**CO7-**List various mental disorders and describe their mental and psychiatric and nursing management.



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**CO8-**Describe the Bio– psychosocial therapies and explain the role of the nurse

**CO9-**Describe the concept of preventive community mental health services.

**CO10-**Enumerate the nurse’s role in National mental health programme

**CO11-**Explain different psychiatric emergencies and their management Demonstrate skills in crisis intervention

**CO12-**Describe the legal aspects to be kept in mind in the care of mentally ill patients

## **MENTAL HEALTH NURSING- PRACTICAL**

**At the end of the session students will be able to:**

**CO1-**Assess patients with mental health problems Observe and assist in therapies Counsel and educate patients, and families

**CO2-**Assessment of children with various mental health problem’s Counsel and provide health education for children, families and significant others

**CO3-**Assess patients with mental health problems Provide nursing care for patients with various mental health problems

## **CHILD HEALTH NURSING**

**At the end of the session students will be able to:**

**CO1-**Understand the concept of the child health care, trends & emerging challenges for pediatric nurses

**CO2-**Describe the role of pediatric nurses in clinics, hospitals and community

**CO3-**Describe the normal growth & development of children

**CO4-**Describe the role of nurse in caring for a sick child Develop skill in carrying out nursing intervention while caring for pediatric age group.



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**CO5-**Describe the management of behavioral disorders and common health problems of children

**CO6-**Demonstrate skills in the prevention & implementation of medical & nursing management of behavioral disorders & common health problems.

**CO7-**Demonstrate skills in providing comprehensive nursing care to the children having congenital defects/ malformation

**CO8-**Demonstrate skills in providing comprehensive nursing care to children with various disorders & diseases

**CO9-**Describe the various child welfare services provided by Governmental & non Governmental agencies

**CO10-**Explain the ethical & legal implication in pediatric nursing.

## **CHILD HEALTH NURSING- PRACTICAL**

**At the end of the session students will be able to**

**CO1-**Perform physical assessment Assist in diagnostic procedure and provide pre and post care related to diagnostic procedure Administer the drugs

**CO2-**Provide health education

**CO3-**Perform basic resuscitation

**CO4-**Recognize different pediatric surgical condition Provide pre and post operative care to children with common paediatric surgical conditions/ malformation Counsel and educate parents

**CO5-**Perform assessment of children, health development and anthropometric Perform immunization

**CO6-**Give health education/ nutritional education



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## **GNM- THIRD YEAR**

### **MIDWIFERY AND GYNECOLOGICAL NURSING**

**At the end of the session students will be able to**

**CO1-**Describe the scope and trends in midwifery

**CO2-**Describe the anatomy and physiology of female reproductive system.

**CO3-**Describe the stages of Embryological and fetal development.

**CO4-**Describe the physiological changes in pregnancy and the management of normal pregnancy

**CO5-**Demonstrate skill in caring for pregnant women. Describe the various stages of labour and the role of the midwife in caring for a woman in labour

**CO6-**Demonstrate skill in conducting the normal delivery

**CO7-**Describe the management of normal newborn Development of skill in caring for the normal newborn

**CO8-**Describe normal puerperium and the role of midwife in the caring for woman in puerperium

**CO9-**Describe the complications of pregnancy Demonstrate skills in providing care for women with complicated pregnancy

**CO10-**Describe the management high risk labour Demonstrate skills in early detection and prompt management of high risk labour

**CO11-**Describe the puerperal complications Demonstrate skill in the management of complications of puerperium.

**CO12-**Describe the management of high risk and sick newborn Demonstrate skills in caring for high risk and sick newborns.



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**CO13-**Describe the obstetric operations and midwife role in assisting with each one.

**CO14-**Describe the midwife's role in the administration of drugs for women during pregnancy labour and postpartum period.

**CO15-**Describe the ethical & legal issues related to midwifery

## **GYNECOLOGICAL NURSING**

**At the end of the session students will be able to:**

**CO1-**Define the terms used in gynecology

**CO2-**Demonstrate the skills of gynecology history taking, conducting examination & investigation.

**CO3-**Describe the physiology, psychology and pathology of puberty.

**CO4-**Describe the management of couples with fertility related problems.

**CO5-**Demonstrate skills in the management of clients with various pelvic infections.

**CO6-**Describe the care of women with gynecological disorders

**CO7-**Describe the care of the woman with breast disorders

**CO8-**Describe the care of women with menopause

## **MIDWIFERY & GYNAECOLOGICAL NURSING- PRACTICAL**

**At the end of the session students will be able to**

**CO1-**Assessment of pregnant women

**CO2-**Counselling of Antenatalmothers.

**CO3-**Assess the woman in labour

**CO4-**Carry out pervaginal (PV) examinations



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**CO5-Monitor women in labour**

**CO6-Conduct normal deliveries**

**CO7-Perform episiotomy and suture it**

**CO8-Resuscitate newborns Prepare and assist with caesarean section, MTP, tubectomy and other surgical procedure.**

**CO9-Provide nursing care to postnatal mother and the baby**

**CO10-Counsel and teach mother and family for parenthood.**

**CO11-Provide nursing care to newborns at risk**

**CO12-Counsel for and provide family welfare services.**

**CO13-Provide care for patients with gynecological disorders.**

**CO14-Counsel and educate patient and families.**

### **COMMUNITY HEALTH NURSING-II**

**At the end of the session students will be able to**

**CO1-Explain the health system in India**

**CO2-Describe the health care services in India and discuss the role of the nurse in these services**

**CO3-Describe health planning in India.**

**CO4-Describe the different specialized community health services and the nurse's role in these services.**

**CO5-Describe the major health problems in India**

**CO6-Describe the national health and family welfare programs in India and the role of the nurse**



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**CO7**-Explain the meaning of demography and describe the national family welfare programmes

**CO8**-Describe the concept and functions of health team and the role of nursing personnel at various levels.

**CO9**-Explain the concept and uses of health information system.

**CO10**-Describe the national and international health agencies.

## **COMMUNITY HEALTH NURSING II- PRACTICAL**

### **LEARNING OUTCOMES:**

**At the end of the session students will be able to**

**CO1**-Organize and conduct clinics Antenatal, Postnatal, Family welfare, Under five.

**CO2**-Diagnose health needs and provide domiciliary care for antenatal and postnatal mothers.

**CO3**-Assess health needs of family; plan and carry out treatment for minor ailments; identify need for referral and refer.

**CO4**-Plan, conduct and follow up health education.

**CO5**-Assist in conducting camps and participate.

**CO6**-Maintain records and reports in PHC.

**CO7**-Assist in family welfare services and conduct need based health education.

**CO8**-Participate in school health programme.

**CO9**-Counsel and educate eligible couple, family and community.

## **INTERNSHIP (3RD YEARS PART II)**

### **NURSING EDUCATION**



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**At the end of the session students will be able to**

**CO1-**Describe the concept of education

**CO2-**Explain the process of teaching and learning

**CO3-**Narrate the methods of teaching Describe the clinical teaching methods

## **INTRODUCTION TO RESEARCH**

**At the end of the session students will be able to**

**CO1-**Discuss the importance of research in Nursing

**CO2-**Describe the research process.

**CO3-**Describe the various research approaches

**CO4-**Describe the various data collection methods

**CO5-**List the steps involved in data analysis

**CO6-**Describe the importance of statistics in research

**CO7-**Describe the utilization of research in nursing practice

## **PROFESSIONAL TRENDS AND ADJUSTMENT**

**At the end of the session students will be able to**

**CO1-**Describe nursing as a profession

**CO2-**Explain various aspects of Professional ethics.

**CO3-**Discuss the importance of continuing education in personal and professional development

**CO4-**Discuss the significance of legislation in Nursing



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**CO5**-List the various organizations related to health and nursing profession and briefly describe their function

## **NURSING ADMINISTRATION AND WARD MANAGEMENT**

**At the end of the session students will be able to**

**CO1**-Describe the meaning, philosophy and principles of administration

**CO2**-Describe the management process

**CO3**-Explain the administration of different health care units

**CO3**-Discuss the importance of maintaining supplies and equipment for effective administration