



NARAYANA COLLEGE OF NURSING

Chinthareddypalem, Nellore - 524003. A.P.

Ph No: 0861-2317969 | Fax: 0861-2311968.

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M.Sc. Nursing Program

(Program Code 0204003)

COURSE OUTCOMES

Dr. B. Anny
Principal

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

1. Utilize/apply the concepts, theories and principles of nursing science
2. Demonstrate advance competence in practice of nursing
3. Practice as a nurse specialist.\
4. 4. Demonstrate leadership qualities and function effectively as nurse educator and manager.
5. Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
6. Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.
7. Establish collaborative relationship with members of other disciplines
8. Demonstrate interest in continued learning for personal and professional advancement.

Dr. B. S. Srinivas
Principal

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First-year M.Sc. Nursing COURSE OUTCOMES

SUBJECT- CLINICAL SPECIALITY – I OBSTETRIC AND GYNAECOLOGICAL NURSING

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

- CO1- Appreciate the trends in the field of midwifery, obstetrics, and gynecology as a specialty.
- CO2-Describe the population dynamics and indicators of maternal and child health
- CO3-Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor, and puerperium.
- CO4- Provide comprehensive nursing care to women during reproductive period and newborns.
- CO5. Integrate the concepts of family-centered nursing care and nursing process approach in obstetric and Gynecological nursing.
- CO6. Identify and analyze the deviations from the normal birth process and refer appropriately.
- CO7. Describe the pharmacological agents, their effects during pregnancy, childbirth, puerperium, lactation, and the role of the nurse
- CO8. Counsel adolescents, women, and families on issues pertaining to pregnancy, childbirth, and lactation
- CO9. Describe the role of various types of complementary and alternative therapies in obstetric and Gynecological nursing.
- CO10. Incorporate evidence-based nursing practice and identify the areas of research in the field of obstetric and Gynecological nursing.
- CO11. Describe the recent advancement in contraceptive technology and birth control measures
- CO12. Appreciate the legal and ethical issues about obstetric and gynecological nursing

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First-year M.Sc. Nursing

COURSE OUTCOMES

SUBJECT- CLINICAL SPECIALITY – I CHILD HEALTH (PAEDIATRIC) NURSING

Objectives

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 pediatric clients and their families.

CO3-Appreciate the child as a holistic individual

CO4- Perform physical, developmental, and nutritional assessments 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 about pediatric and neonatal nursing

CO10-Prepare a design for the layout and management of neonatal units

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 team

CO13. Teach pediatric nursing to undergraduate students & in-service nurses

Dr. B. Anuraj
Principal

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First-year M.Sc. Nursing

COURSE OUTCOMES

SUBJECT- CLINICAL SPECIALITY – I MENTAL HEALTH (PSYCHIATRIC) NURSING

Objectives

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

CO1- Appreciate the trends and issues in the field of psychiatry and psychiatric nursing.

CO2- Explain the dynamics of personality development and human behavior.

CO3- Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing

CO4- Demonstrate therapeutic communication skills in all interactions

CO5- Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities

CO6- Establish and maintain therapeutic relationships with individual and groups

CO7. Uses assertive techniques in personal and professional actions

CO8. Promotes self-esteem of clients, others, and self

CO9. Apply the nursing process approach in caring for patients with mental disorders

CO10. Describe the psychopharmacological agents, their effects and nurses role

CO11. Recognize the role of the psychiatric nurse practitioner and as a member of the psychiatric and mental health team

CO12. Describe various types of alternative systems of medicines used in psychiatric settings

CO13. Incorporate evidence-based nursing practice and identify the areas of research in the field of psychiatric nursing

Dr. B. Chintamani
Principal

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First-year M.Sc. Nursing

COURSE OUTCOMES

SUBJECT- CLINICAL SPECIALITY – I COMMUNITY HEALTH NURSING

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

- CO1. Appreciate the history and development in the field of Community Health and Community Health Nursing.
- CO2. Appreciate role of individuals and families in promoting health of the Community.
- CO3. Perform physical, developmental and nutritional assessment of individuals, families and groups.
- CO4. Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.
- CO5. Apply nursing process approach while providing care to individuals, families, groups and community.
- CO6. Integrate the concepts of family centered nursing approach while providing care to the community.
- CO7. Recognize and participate in the management of emergencies, epidemics and disasters.
- CO8. Apply recent technologies and care modalities while delivering community health nursing care.
- CO9. Appreciate legal and ethical issues pertaining to community health nursing care.
- CO10. Conduct community health nursing care projects.
- CO11. Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and the national level.
- CO12. Incorporate evidence based nursing practice and identify the areas of research in the community settings.
- CO13. Participate effectively as a member of Community Health team.
- CO14. Coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.
- CO15. Teach community health nursing to undergraduates, in-service nurses and the community health workers.
- CO16. Demonstrate leadership and managerial abilities in community health nursing practice

Dr. B. Prasad
Principal
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First-year M.Sc. Nursing COURSE OUTCOMES NURSING RESEARCH

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

- CO1. Define basic research terms and concepts.
- CO2. Review literature utilizing various sources
- CO3. Describe research methodology
- CO4. Develop a research proposal.
- CO5. Conduct a research study.
- CO6. Communicate research findings
- CO7. Utilize research findings
- CO 8. Critically evaluate nursing research studies.
- CO9. Write scientific paper for publication

Dr. B. B. Prasad
Principal

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First-year M.Sc. Nursing COURSE OUTCOMES STATISTICS

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

- CO1. Explain the basic concepts related to statistics
- CO 2. 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.
- CO 6. Describe vital health statistics and their use in health related research.
- CO7. Use statistical packages for data analysis

Dr. B. Anuj
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COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING -COMMUNITY HEALTH NURSING

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

CO 1. Appreciate trends and issues related to community health Nursing reproductive and child health, school health, Occupational health, international health, rehabilitation, geriatric and mental health.

CO 2. Apply epidemiological concepts and principles in community health nursing practice

CO 3. Perform community health assessment and plan health programmes

CO 4. Describe the various components of Reproductive and child health programme.

CO 5. Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach.

CO 6. Describe the role and responsibilities of community health nurse in various national health and family welfare programmes

CO 7. Participate in the implementation of various national health and family welfare programme

CO 8. Demonstrate competencies in providing family centered nursing care independently

CO 9. Participate/Conduct research for new insights and innovative solutions to health problems

CO 10. Teach and supervise nurses and allied health workers.

CO 11. Design a layout of sub center/Primary health center/Community health centre and develop standards for community health nursing practice.

Dr. B. Arany
Principal

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COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - PSYCHIATRIC (MENTAL HEALTH) NURSING

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

- CO 1. Apply the nursing process in the care of patients with mental disorders in hospital and community
- CO 2. Demonstrate advanced skills/competence in nursing management of patients with mental disorders
- CO 3. Identify and care for special groups like children, adolescents, women, elderly, abused and neglected, people living with HIV/AIDS.
- CO 4. Identify and manage psychiatric emergencies.
- CO 5. Provide nursing care to critically ill patients with mental disorders
- CO 6. Utilize the recent technology and various treatment modalities in the management of patients with mental disorders
- CO 7. Demonstrate skills in carrying out crisis intervention.
- CO 8. Appreciate the legal and ethical issues pertaining to psychiatric nursing.
- CO 9. Identify areas of research in the field of psychiatric nursing.
- CO 10. Prepare a design for layout and describe standards for management of Psychiatric units/emergency units/hospitals
- CO 11. Teach psychiatric nursing to undergraduate students & in-service nurses.

Dr. B. Lakshmi
Principal

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COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - PEDIATRIC (CHILD HEALTH) NURSING

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

CO 1. Apply the nursing process in the care of ill infants to pre adolescents in hospital and community

CO 2. Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems

CO 3. Recognize and manage emergencies in children

CO 4. Provide nursing care to critically ill children

CO 5. Utilize the recent technology and various treatment modalities in the management of high risk children

CO 6. Prepare a design for layout and describe standards for management of pediatric units/hospitals

CO 7. Identify areas of research in the field of pediatric nursing

D. B. G. Prasad
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COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - OBSTETRIC AND GYNAECOLOGICAL NURSING

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

- CO 1. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynaecological conditions
- CO 2. Perform physical, psychosocial, cultural & spiritual assessment
- CO 3. Demonstrate competence in caring for women with obstetrical and gynaecological conditions
- CO 4. Demonstrate competence in caring for high risk newborn.
- CO 5. Identify and Manage obstetrical and neonatal emergencies as per protocol.
- CO 6. Practice infection control measures
- CO 7. Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical , gynecological and neonatal care.
- CO 8. Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynaecological and neonatal care
- CO 9. Teach and supervise nurses and allied health workers.
- CO 10. Design a layout of speciality units of obstetrics and gynecology
- CO 11. Develop standards for obstetrical and gynaecological nursing practice.
- CO 12. Counsel women and families
- CO 13. Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynaecological nursing
- CO 14. Function as independent midwifery nurse practitioner

Dr. B. S. Srinivas
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CO 15. Appreciate the role of alternative system of medicine in care of patient

CO 16. Incorporate evidence based nursing practice and identify the areas of research in the field of gastrointestinal nursing

CO 17. Teach and supervise nurses and allied health workers.

CO 18. Design a layout of Gastro entrology intensive care unit (GEICU) , liver care/transplant unit

Dr. B. B. B. B.
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COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - GASTRO ENTEROLOGY NURSING

Objectives

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

- CO 1. Appreciate trends and issues related to gastro enterology nursing
- CO 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of gastrointestinal conditions
- CO 3. Participate in national health programs for health promotion, prevention and rehabilitation of patients with gastrointestinal conditions
- CO 4. Perform physical, psychosocial & spiritual assessment
- CO 5. Assist in various diagnostic, therapeutic and surgical procedures
- CO 6. Provide comprehensive care to patients with gastrointestinal conditions
- CO 7. Describe the various drugs used in gastrointestinal conditions and nurses responsibility
- CO 8. Demonstrate skill in handling various equipments/gadgets used for patients with gastrointestinal conditions
- CO 9. Appreciate team work & coordinate activities related to patient care.
- CO 10. Practice infection control measures.
- CO 11. Identify emergencies and complications & take appropriate measures
- CO 12. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs
- CO 13. Discuss the legal and ethical issues in GE nursing 109
- CO 14. Identify the sources of stress and manage burnout syndrome among health care providers

Dy. B. Srinivas
Principal

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CO 13. Appreciate the role of alternative system of medicine in care of patients with orthopedic conditions 101

CO 14. Incorporate evidence based nursing practice and identify the areas of research in the field of orthopedic nursing.

CO 15. Recognize the role of orthopedic nurse practitioner and as a member of the orthopedic and rehabilitation team.

CO 16. Teach orthopedic nursing to undergraduate students and in-service nurses.

CO 17. Prepare a design and layout of orthopedic and rehabilitative units

Dr. B. B. B. B.
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Second-year M.Sc. Nursing

COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - ORTHOPEDIC NURSING

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

- CO 1. Appreciate the history and developments in the field of orthopedic nursing
- CO 2. Identify the psycho-social needs of the patient while providing holistic care.
- CO 3. Perform physical and psychological assessment of patients with orthopedic conditions and disabilities.
- CO 4. Describe various disease conditions and their management
- CO 5. Discuss various diagnostic tests required in orthopedic conditions
- CO 6. Apply nursing process in providing care to patients with orthopedic conditions and those requiring rehabilitation.
- CO 7. Recognize and manage orthopedic emergencies.
- CO 8. Describe recent technologies and treatment modalities in the management of patients with orthopedic conditions and those requiring rehabilitation.
- CO 9. Integrate the concept of family centered, long term care and community based rehabilitation to patients with orthopedic conditions.
- CO 10. Counsel the patients and their families with orthopedic conditions
- CO 11. Describe various orthotic and prosthetic appliances
- CO 12. Appreciate the legal and ethical issues pertaining to patients with orthopedic conditions and those requiring rehabilitation.

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CO 15. Incorporate evidence based nursing practice and identify the areas of research in the field of nephro and urological nursing

CO 16. Teach and supervise nurses and allied health workers.

CO 17. Design a layout of kidney transplant unit and dialysis unit

CO 18. Develop standards of nephro urological nursing practice

Dr. B. Anuraj
Principal

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Second-year M.Sc. Nursing

COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING -- NEPHRO-UROLOGY NURSING

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

- CO 1. Appreciate trends and issues related to nephro and urological nursing
- CO 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of nephro and urological conditions
- CO 3. Perform physical, psychosocial & spiritual assessment
- CO 4. Assist in various diagnostic, therapeutic and surgical interventions
- CO 5. Provide comprehensive nursing care to patients with nephro and urological conditions
- CO 6. Describe the various drugs used in nephro and urological conditions and nurses responsibility
- CO 7. Demonstrate skill in handling various equipments/gadgets used for patients with nephro and urological conditions
- CO 8. Appreciate team work & coordinate activities related to patient care.
- CO 9. Practice infection control measures.
- CO 10. Identify emergencies and complications & take appropriate measures
- CO 11. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs
- CO 12. Discuss the legal and ethical issues in nephro and urological nursing
- CO 13. Identify the sources of stress and manage burnout syndrome among health care providers
- CO 14. Appreciate the role of alternative system of medicine in the care of patient

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CO 15. Identify the sources of stress and manage burnout syndrome among health care providers.

CO 16. Teach and supervise nurses and allied health workers.

CO 17. Plan and develop physical layout of neuro intensive care unit

Dr. B. B. B. B.
Principal

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Second-year M.Sc. Nursing

COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - NEUROSCIENCES NURSING

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

- CO 1. Appreciate trends and issues related to neurology and neurosurgical Nursing.
- CO 2. Review the anatomy and physiology of nervous system
- CO 3. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of patients with neurological and neurosurgical disorders
- CO 4. Perform neurological assessment and assist in diagnostic procedures
- CO 5. Describe the concepts and principles of neuroscience nursing
- CO 6. Describe the various drugs used in neurosciences and nurses responsibility
- CO 7. Assist in various therapeutic and surgical procedures in neuroscience nursing
- CO 8. Demonstrate advance skills/competence in managing patients with neurological and neurosurgical disorder following nursing process approach
- CO 9. Identify psychosocial problems of patients with disabilities and assist patients and their family to cope with emotional distress, spiritual, grief and anxiety
- CO 10. Participate in preventive, promotive and rehabilitative services for neurological and neurosurgical patients.
- CO 11. Explain the legal and ethical issues related to brain death, organ transplantation and practice of neuroscience nursing
- CO 12. Incorporate evidence based nursing practice and identify the areas of research in the field of neuroscience nursing
- CO 13. Organise and conduct inservice education program for nursing personnel.
- CO 14. Develop standards of care for quality assurance in neuroscience nursing practice

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COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - ONCOLOGY NURSING

- CO 1. Explain the prevention, screening and early detection of cancer
- CO 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of oncological disorders of various body systems
- CO 3. Describe the psychosocial effects of cancer on patients and families.
- CO 4. Demonstrate skill in administering/assisting in various treatment modalities used for patients with cancer
- CO 5. Apply nursing process in providing holistic care to patients with cancer.
- CO 6. Apply specific concepts of pain management
- CO 7. Appreciate the care of death and dying patients and value of bereavement support.
- CO 8. Describe the philosophy, concept and various dimensions of palliative care
- CO 9. Appreciate the role of alternative systems of medicine in care of cancer patients
- CO 10. Appreciate the legal & ethical issues relevant to oncology nursing
- CO 11. Recognize and manage Oncological emergencies
- CO 12. Counsel the patients with cancer and their families
- CO 13. Incorporate evidence based nursing practice and identify the areas of research in the field of oncology nursing
- CO 14. Recognize the role of oncology nurse practitioner as a member of oncology team
- CO 15. Collaborate with other agencies and utilize resources in caring for cancer patients. 78
- CO 16. Teach and supervise nurses and allied health workers.
- CO 17. Design a layout and develop standards for management of oncology units/hospitals and nursing care.

Dr. B. D. Arjun
Principal

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CO 16. Identify the sources of stress and manage burnout syndrome among health care providers.

CO 17. Teach and supervise nurses and allied health workers.

CO 18. Design a layout of ICU and develop standards for critical care nursing

Dr. B. Anny
Principal

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Second-year M.Sc. Nursing

COURSE OUTCOMES CLINICAL SPECIALITY – II

MEDICAL SURGICAL NURSING - CRITICAL CARE NURSING

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

CO 1. Appreciate trends and issues related to Critical Care Nursing.

CO 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients

CO 3. Describe the various drugs used in critical care and nurses responsibility

CO 4. Perform physical, psychosocial & spiritual assessment

CO 5. Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support.

CO 6. Demonstrate skill in handling various equipments/gadgets used for critical care

CO 7. Provide comprehensive care to critically ill patients.

CO 8. Appreciate team work & coordinate activities related to patient care.

CO 9. Practice infection control measures.

CO 10. Assess and manage pain .

CO 11. Identify complications & take appropriate measures.

CO 12. Discuss the legal and ethical issues in critical care nursing

CO 13. Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety

CO 14. Assist in various diagnostic, therapeutic and surgical procedures

CO 15. Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing

D. B. Arjun
Principal

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CO 14. Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.

CO 15. Appreciate the role of alternative system of medicine in care of patient

CO 16. Incorporate evidence based nursing practice and identify the areas of research in the field of cardio vascular and thoracic nursing

CO 17. Identify the sources of stress and manage burnout syndrome among health care providers.

CO 18. Teach and supervise nurses and allied health workers.

CO 19. Design a layout of ICCU and ICTU and develop standards for cardio vascular and thoracic nursing practice.

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Second-year M.Sc. Nursing

COURSE OUTCOMES CLINICAL SPECIALITY – II MEDICAL SURGICAL NURSING SUB SPECIALITY – CARDIO VASCULAR AND THORACIC NURSING

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

- CO 1. Appreciate trends and issues related to cardio vascular and thoracic Nursing.
- CO 2. Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of cardio vascular and thoracic conditions
- CO 3. Participate in national health programs for health promotion, prevention and rehabilitation of patients with cardio vascular and thoracic conditions
- CO 4. Perform physical, psychosocial & spiritual assessment
- CO 5. Assist in various diagnostic, therapeutic and surgical procedures
- CO 6. Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions
- CO 7. Demonstrate advance skills/competence in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support.
- CO 8. Describe the various drugs used in cardio vascular and thoracic conditions and nurses responsibility
- CO 9. Demonstrate skill in handling various equipments/gadgets used for critical care of cardio vascular and thoracic patients
- CO 10. Appreciate team work & coordinate activities related to patient care.
- CO 11. Practice infection control measures.
- CO 12. Identify emergencies and complications & take appropriate measures
- CO 13. Discuss the legal and ethical issues in cardio vascular and thoracic nursing

Dr. Bahmy
Principal

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Second-year M.Sc. Nursing

COURSE OUTCOMES

SUBJECT- NURSING MANAGEMENT

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

CO 1. Describe the philosophy and objectives of the health care institutions at various levels.

CO 2. Identify trends and issues in nursing

CO 3. Discuss the public administration, health care administration vis a vis nursing administration

CO 4. Describe the principles of administration applied to nursing

CO 5. Explain the organization of health and nursing services at the various levels/institutions.

CO 6. Collaborate and co-ordinate with various agencies by using multisectoral approach

CO 7. Discuss the planning, supervision and management of nursing workforce for various health care settings.

CO 8. Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care

CO 9. Identify and analyse legal and ethical issues in nursing administration

CO 10. Describe the process of quality assurance in nursing services.

CO 11. Demonstrate leadership in nursing at various levels

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Post Basic B.Sc. Nursing Program

(Program Code 0210020)

COURSE OUTCOMES

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COURSE OUTCOME

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

1. Apply knowledge from physical, biological and behavioral sciences, medicine including alternative systems and nursing in providing nursing care to individuals, families and communities.
2. Demonstrate understanding of life style and other factors, which affect health of individuals and groups.
3. Provide nursing care based on steps of nursing process in collaboration with the individuals and groups.
4. Demonstrates critical thinking skill in making decision in all situations in order to provide quality care.
5. Utilize the latest trends and technology in providing health care.
6. Provide promotive, preventive and restorative health services in line with thenational health policies and programmes.
7. Practice within the frame work of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries.
8. Communicate effectively with individuals and groups and members of the health team in order to promote effective interpersonal relationships and teamwork.
9. Demonstrates skills in teaching to individuals and groups in clinical/ community health settings.
10. Participate effectively as members of the health team in health care delivery system.
11. Demonstrate leadership and managerial skills in clinical/ community health settings.
12. Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
13. Demonstrate awareness, interest and contribute towards advancement of self and

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COURSE OUTCOME

POST BASIC B.Sc. NURSING

On completion of Post basic B.Sc. Nursing program, the graduates will be able to:

PO 1-Assess health status, identify nursing needs, plan, implement and evaluate nursing care for patients/clients that contribute to the health of individuals, families, and communities.

PO 2-Demonstrate competencies in nursing techniques based on concepts and principles from selected areas of nursing, physical, biological, and behavioral sciences.

PO 3-Participate as health team members in the country's promote, preventive, curative, and restorative health care delivery system.

PO 4-Demonstrate skills in communication and interpersonal relationships.

PO 5-Demonstrate leadership qualities and decision-making abilities in various situations.

PO 6-Demonstrate skills in teaching individuals and groups in community health settings.

PO 7-Demonstrate managerial skills in community health settings.

PO 8-Practice ethical values in their personal and professional life.

PO 9-Participate in research activities and utilize research findings to improve nursing practice.

PO10-Recognize the need for continued learning for their personal and professional development.

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COURSE OUTCOME

POSTBASICB.SC.NURSING-I YEAR

NURSING FOUNDATION

- CO 1 Identify Professional aspects of Nursing.
- CO 2 Explain theories of Nursing.
- CO 3 Identify ethical aspects of Nursing Profession.
- CO 4 Utilize steps of Nursing Process.
- CO 5 Identify the role of the Nurse in various levels of health services.
- CO 6 Appreciate the significance of quality assurance in Nursing.
- CO 7 Explain current trends in health and Nursing.

NUTRITION AND DIETICS

- CO 1 Explain the principles and practices of nutrition and dietetics.
- CO2 Plan therapeutic diets in different settings.
- CO3 Identify nutritional needs of different age groups and plan diet accordingly.
- CO4 Prepare meals using different methods utilizing cookery rules.

BIOCHEMISTRY AND BIOPHYSICS

- CO 1I identify the basic principles of Biochemistry and Biophysics.
- CO 2 Synthesize the knowledge of these principles in various Nursing situations.

PSYCHOLOGY

- CO 1 Apply psychological principles while performing Nursing duties.
- CO2 Distinguish the psychological processes during health and sickness.

D.V. Chinnai
Principal

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CO3 Analyze own behaviour patterns.

CO4 Tabulate the psychological needs of the patients for planning Nursing care.

CO5 Participate in psychometric assessment of the client.

MICROBIOLOGY

CO 1 Identify common disease producing micro- organisms.

CO 2 Explain the basic principles of microbiology and their significance in health and disease.

CO 3 Demonstrate skill in handling specimens.

CO 4 Explain various methods of dis-infection and sterilization.

CO 5 Identify the role of the Nurse in hospital infection control system.

MATERNAL NURSING

CO 1 Describe the Physiology of pregnancy, labour and puerperium.

CO 2 Manage normal pregnancy, labour and puerperium.

CO 3 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.

CHILD HEALTH NURSING

CO1 Explain the modern concept of child care and the principles of Paediatric Nursing.

CO2 Describe the normal growth and development of children at different ages.

CO 3 Manage sick as well as healthy neonates and children.

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CO4 Identity various aspects of preventive Paediatric Nursing and apply them in providing Nursing care to children in hospital and community.

MEDICAL SURGICAL NURSING

CO1 Explain relevant Anatomy and Physiology of various systems of the body.

CO 2 Explain Pathophysiology of various disorders.

CO 3 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.

CO 5 Develop skill in giving comprehensive Nursing care to patients following the steps of Nursing process.

CO 6 Assist the patients and their families in identifying and meeting their own health needs.

CO 7 Appreciate the role of the nurse in the medical surgical health term.

ENGLISH

CO1 Ability to speak and write grammatically correct English.

CO 2 Effective skill in reading and understanding the English language.

Skill in reporting.

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POST BASIC B.SC. NURSING YEAR – II

SOCIOLOGY

CO 1 Describe Sociological concepts that are applicable to Nursing.

CO 2 Determine role of Sociology in Nursing as related to social institutions in India.

CO 3 Develop positive attitudes towards individual, family and community.

COMMUNITY HEALTH NURSING

CO 1 Explain the concepts of various factors contributing to health of individual, family and Community.

CO 2 Identify the role of a Community Health Nurse.

CO 3 Describe National Health Care delivery system.

CO 4 Describe Epidemiological methods and principles of prevention and control of illness in the community.

CO5 Identify the role of personnel working in the Community Health setting.

CO 6 Plan the work of Community Health Nursing, and supervise and train health workers.

MENTAL HEALTH NURSING

CO 1 identify and describe the Philosophy and Principles of Mental Health Nursing.

CO2 Describe the Historical Development of Mental Health and Psychiatric Nursing.

CO3 Classify Mental Disorders.

CO4 Develop skill in history taking and performing Mental status examination.

CO5 Describe etiological factors, Psychopathology, clinical features, diagnostic criteria and treatment methods used for mental disorders.

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CO6 Manage the patients with various Mental disorders.

CO7 Communicate therapeutically with patients and their families.

CO 8 Identify role of the Nurse in preventive psychiatry.

CO 9 Identify the legal aspects in practice of Mental Health and Psychiatric Nursing.

INTRODUCTION TO NURSING EDUCATION

CO 1 Describe the philosophy and principles of education.

CO 2 Explain the teaching – learning process.

CO 3 Develop the ability to teach using various methods and media.

CO 4 Describe the process of assessment.

CO5 Describe the administrative aspects of school of Nursing.

CO 6 Participate in planning and organizing an in-service education programme.

CO 7 Develop basic skill of counselling and guidance.

INTRODUCTION TO NURSING ADMINISTRATION

CO 1 Identify the principles of administration.

CO 2 Describe the principles and techniques of supervision.

CO 3 Explain the principles and methods of personnel management.

CO 4 Explain the principles of budgeting.

CO 5 Organize and manage a Nursing unit effectively.

CO 6 Identify dynamics of organizational behavior, styles and functions of effective leadership.

INTRODUCTION TO NURSING RESEARCH AND STATISTICS

CO 1 Define the terms and concepts of Nursing Research.

CO2 Identify needs and scope of Nursing Research

DYB Amey
Principal

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CO3 Identify and define a Research problem

CO4 Locate and list sources of literature for a specific study

CO 5 Describe different Research approaches, methods of data collection and sampling techniques with a special reference to survey method.

CO 6 Develop tool for data collection.

CO7 Enumerate steps of data analysis and present data summary in tabular form.

CO 8 Use descriptive and co-relational statistics in data analysis.

CO 9 Conduct a group Research project.

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Principal

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B.Sc. Nursing Program
(Program Code 0203025)
COURSE OUTCOMES

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

1. Assess health studies, identify nursing needs, plan, implement and evaluate nursing care for patients/clients that contribute to health of individuals, families and communities.
2. Demonstrate competency in techniques of nursing based on concepts and principles from selected areas of nursing, physical, biological and behavioral sciences.
3. Participate as members of health team in the promotive, preventive, curative and restoration health care delivery system of the country.
4. Demonstrate skills in communication and interpersonal relationship.
5. Demonstrate leadership qualities and decision-making abilities in various situations.
6. Demonstrate skills in teaching to individuals and groups in community health settings.
7. Demonstrate managerial skills in community health settings.
8. Practical ethical values in their personal and professional life.
9. Participate in research activities and utilize research findings in improving nursing practice.
10. Recognize the need for continued learning for their personal and professional development.

Dr. B. Anurag
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COURSE OUTCOMES (NEW REGULATIONS)

I SEMESTER- COMMUNICATIVE ENGLISH

COMPETENCIES: On completion of the course, the students will be able to

CO1- Identify the significance of Communicative English for healthcare professionals.

CO2-Apply the concepts and principles of English Language use in professional development such as pronunciation,

vocabulary, grammar, paraphrasing, voice modulation, Spelling, pause, and silence.

CO3- Demonstrate attentive listening in different hypothetical situations.

CO4-Converse effectively, appropriately, and timely within the given context and the individual or team they are

communicating with either face to face or by other means.

CO5- Read, interpret, and comprehend the content in text, flow sheet, framework, figures, tables, reports, anecdotes, etc.

CO6- Analyse the situation and apply critical thinking strategies.

CO7-Enhance expressions through writing skills.

CO8- Apply LSRW (Listening, Speaking, Reading, and Writing) Skills in combination to learn, teach, educate and share information, ideas, and results.

Dr. B. Anny
Principal

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PLACEMENT: I SEMESTER- APPLIED ANATOMY

COMPETENCIES: On completion of the course, the students will be able to

CO1. Describe anatomical terms.

CO2. Explain the general and microscopic structure of each system of the body.

CO3. Identify the relative positions of the major body organs as well as their general anatomic locations.

CO4. Explore the effect of alterations in structure.

CO5. Apply knowledge of anatomic structures to analyze clinical situations and therapeutic applications.

PLACEMENT: I SEMESTER APPLIED PHYSIOLOGY

COMPETENCIES: On completion of the course, the students will be able to

CO1. Develop an understanding of the normal functioning of various organ systems of the body.

CO2. Identify the relative contribution of each organ system towards the maintenance of homeostasis.

CO3. Describe the effect of alterations in functions.

CO4. Apply knowledge of physiological basis to analyze clinical situations and therapeutic applications.

PLACEMENT: I SEMESTER APPLIED SOCIOLOGY

COMPETENCIES: On completion of the course, the students will be able to

CO1. Identify the scope and significance of sociology in nursing.

CO2. Apply the knowledge of the social structure and different culture in a society in identifying social needs of sick clients.

CO3. Identify the impact of culture on health and illness.

CO4. Develop an understanding of types of family, marriage, and its legislation.

CO5. Identify different types of caste, class, social change and its influence on health and health practices.

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CO6. Develop an understanding about social organization and disorganization and social problems in India.

CO7. Integrate the knowledge of clinical sociology and its uses in crisis intervention.

PLACEMENT: I SEMESTER APPLIED PSYCHOLOGY

COMPETENCIES: On completion of the course, the students will be able to

CO1. Identify the importance of psychology in individual and professional life.

CO2. Develop an understanding of the biological and psychological basis of human behavior.

CO3. Identify the role of nurses in promoting mental health and dealing with altered personality.

CO4. Perform the role of nurses applicable to the psychology of different age groups.

CO5. Identify the cognitive and affective needs of clients.

CO6. Integrate the principles of motivation and emotion in performing the role of nurse in caring for emotionally sick client.

CO7. Demonstrate a basic understanding of psychological assessment and the nurse's role.

CO8. Apply the knowledge of soft skills in the workplace and society.

CO9. Apply the knowledge of self-empowerment in the workplace, society, and personal life.

PLACEMENT: I SEMESTER NURSING FOUNDATION - I (including First Aid module)

COMPETENCIES: On completion of the course, the students will be able to

CO1. Develop understanding about the concept of health, illness and scope of nursing within health care services.

CO2. Apply values, code of ethics and professional conduct in professional life.

CO3. Apply the principles and methods of effective communication in establishing communication links with patients, families, and other health team members.

CO4. Develop skills in recording and reporting.

CO5. Demonstrate competency in monitoring and documenting vital signs.

CO6. Describe the fundamental principles and techniques of infection control and biomedical waste management.

Dr. B. Anurag
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CO7. Identify and meet the comfort needs of the patients.

CO8. Perform admission, transfer, and discharge of a patient under supervision by applying the knowledge.

CO9. Demonstrate understanding and application of knowledge in caring for patients with restricted mobility.

CO10. Perform first aid measures during emergencies.

CO11. Identify the educational needs of patients and demonstrate basic skills of patient education.

PLACEMENT: II SEMESTER APPLIED BIOCHEMISTRY

COMPETENCIES: On completion of the course, the students will be able to

CO1. Describe the metabolism of carbohydrates and its alterations.

CO2. Explain the metabolism of lipids and its alterations.

CO3. Explain the metabolism of proteins and amino acids and its alterations.

CO4. Explain clinical enzymology in various disease conditions.

CO5. Explain acid-base balance, imbalance, and its clinical significance.

CO6. Describe the metabolism of hemoglobin and its clinical significance.

CO7. Explain different function tests and interpret the findings.

CO8. Illustrate the immunochemistry.

PLACEMENT: II SEMESTER APPLIED NUTRITION AND DIETETICS

COMPETENCIES: On completion of the course, the students will be able to

CO1. Identify the importance of nutrition in health and wellness.

CO2. Apply nutrient and dietary modifications in caring for patients.

CO3. Explain the principles and practices of Nutrition and Dietetics.

CO4. Identify the nutritional needs of different age groups and plan a balanced diet for them.

CO5. Identify the dietary principles for different diseases.

CO6. Plan a therapeutic diet for patients suffering from various disease conditions.

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CO7. Prepare meals using different methods and cookery rules.

PLACEMENT: II SEMESTER NURSING FOUNDATION - II (including Health Assessment Module)

COMPETENCIES: On completion of the course, the students will be able to

CO1. Develop an understanding about the fundamentals of health assessment and perform health assessment in supervised clinical settings

CO2. Demonstrate fundamental skills in assessment, planning, implementation and evaluation of nursing care using the Nursing process approach in supervised clinical settings

CO3. Assess the Nutritional needs of patients and provide relevant care under supervision

CO4. Identify and meet the hygienic needs of patients

CO5. Identify and meet the elimination needs of the patient

CO6. Interpret findings of specimen testing by applying the knowledge of normal values

CO7. Promote oxygenation based on identified oxygenation needs of patients under supervision

CO8. Review the concept of fluid, and electrolyte balance integrating the knowledge of applied physiology

CO9. Apply the knowledge of the principles, routes, and effects of administration of medications in administering medication

CO10. Calculate conversions of drugs and dosages within and between systems of measurements

CO11. Demonstrate knowledge and understanding in caring for patients with altered functioning of sense organs and

unconsciousness

CO12. Explain loss, death, and grief

CO13. Describe sexual development and sexuality

CO14. Identify stressors and stress adaptation modes

CO15. Integrate the knowledge of culture and cultural differences in meeting spiritual needs

CO16. Explain the introductory concepts relevant to models of health and illness in patient care

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PLACEMENT: II SEMESTER HEALTH/NURSING INFORMATICS AND TECHNOLOGY

COMPETENCIES: On completion of the course, the students will be able to

CO1. Develop a basic understanding of computer applications in patient care and nursing practice.

CO2. Apply the knowledge of computer and information technology in patient care and nursing education, practice, administration, and research.

CO3. Describe the principles of health informatics and its use in developing efficient healthcare.

CO4. Demonstrate the use of information systems in healthcare for patient care and utilization of nursing data.

CO5. Demonstrate the knowledge of using the Electronic Health Records (EHR) system in clinical practice.

CO6. Apply the knowledge of interoperability standards in a clinical setting.

CO7. Apply the knowledge of information and communication technology in public health promotion.

CO8. Utilize the functionalities of the Nursing Information System (NIS) system in nursing.

CO9. Demonstrate the skills of using data in management of health care.

CO10. Apply the knowledge of the principles of digital ethical and legal issues in clinical practice.

CO11. Utilize evidence-based practices in informatics and technology for providing quality patient care.

CO12. Update and utilize evidence-based practices in nursing education, administration, and practice.

PLACEMENT: III SEMESTER APPLIED MICROBIOLOGY AND INFECTION CONTROL INCLUDING SAFETY

COMPETENCIES: On completion of the course, the students will be able to:

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- CO1. Identify the ubiquity and diversity of microorganisms in the human body and the environment.
- CO2. Classify and explain the morphology and growth of microbes.
- CO3. Identify various types of microorganisms.
- CO4. Explore mechanisms by which microorganisms cause disease.
- CO5. Develop an understanding of how the human immune system counteracts infection by specific and non-specific mechanisms.
- CO6. Apply the principles of preparation and use of vaccines in immunization.
- CO7. Identify the contribution of the microbiologist and the microbiology laboratory to the diagnosis of infection.

SECTION B: INFECTION CONTROL & SAFETY

COMPETENCIES: The students will be able to:

- CO1. Develop knowledge and understanding of Hospital acquired Infections (HAI) and effective practices for prevention.
- CO2. Integrate the knowledge of isolation (Barrier and reverse barrier) techniques in implementing various precautions.
- CO3. Demonstrate and practice steps in Hand washing and appropriate use of different types of PPE.
- CO4. Illustrate various disinfection and sterilization methods and techniques.
- CO5. Demonstrate knowledge and skill in specimen collection, handling and transport to optimize the diagnosis for treatment.
- CO6. Incorporate the principles and guidelines of Bio Medical waste management.
- CO7. Apply the principles of Antibiotic stewardship in performing the nurses' role.
- CO8. Identify patient safety indicators and perform the role of nurse in the patient safety audit process.
- CO9. Apply the knowledge of International Patient Safety Goals (IPSG) in the patient care settings.

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CO10. Identify employee safety indicators and risk of occupational hazards.

CO11. Develop an understanding of the various safety protocols and adhere to those protocols.

PLACEMENT: III SEMESTER PHARMACOLOGY - I

COMPETENCIES: On completion of the course, the students will be able to

CO1. Describe pharmacodynamics and pharmacokinetics.

CO2. Review the principles of drug calculation and administration.

CO3. Explain the commonly used antiseptics and disinfectants.

CO4. Describe the pharmacology of drugs acting on the GI system.

CO5. Describe the pharmacology of drugs acting on the respiratory system.

CO6. Describe drugs used in the treatment of cardiovascular and blood disorders.

CO7. Explain the drugs used in the treatment of endocrine system disorders.

CO8. Describe the drugs acting on the skin and drugs used to treat communicable diseases.

PLACEMENT: III SEMESTER PATHOLOGY - I

COMPETENCIES: On completion of the course, the students will be able to

CO1. Apply the knowledge of pathology in understanding the deviations from normal to abnormal pathology.

CO2. Rationalize the various laboratory investigations in diagnosing pathological disorders.

CO3. Demonstrate an understanding of the methods of collection of blood, body cavity fluids, urine, and feces for various tests.

CO4. Apply the knowledge of genetics in understanding the various pathological disorders.

CO5. Appreciate the various manifestations in patients with diagnosed genetic abnormalities.

CO6. Rationalize the specific diagnostic tests in the detection of genetic abnormalities.

CO7. Demonstrate an understanding of various services related to genetics.

PLACEMENT: III SEMESTER ADULT HEALTH NURSING - I WITH INTEGRATED PATHOPHYSIOLOGY (including BCLS module)

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COMPETENCIES: On completion of Medical Surgical Nursing I course, students will be able to

CO1. Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments, and complications of common medical and surgical disorders.

CO2. Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of anatomy, physiology and diagnostic tests in the process of data collection.

CO3. Identify nursing diagnoses, list them according to priority and formulate nursing care plan.

CO4. Perform nursing procedures skillfully and apply scientific principles while giving comprehensive nursing care to patients.

CO5. Integrate knowledge of pathology, nutrition and pharmacology in caring for patients experiencing various medical and surgical disorders.

CO6. Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.

CO7. Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.

CO8. Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.

CO9. Identify the drugs used in treating patients with medical surgical conditions.

CO10. Plan and give relevant individual and group education on significant medical surgical topics.

CO11. Maintain safe environment for patients and the health care personnel in the hospital.

CO12. Integrate evidence-based information while giving nursing care to patients.

PLACEMENT: IV SEMESTER PHARMACOLOGY – II

COMPETENCIES: On completion of the course, the students will be able to

CO1. Explain the drugs used in the treatment of ear, nose, throat and eye disorders.

CO2. Explain the drugs used in the treatment of urinary system disorders.

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CO3. Describe the drugs used in the treatment of nervous system disorders.

CO4. Explain the drugs used for hormonal replacement and for the pregnant women during antenatal, intra natal and postnatal period.

CO5. Explain the drugs used to treat emergency conditions and immune disorders.

CO6. Discuss the role and responsibilities of nurses towards safe administration of drugs used to treat disorders of various systems with basic understanding of pharmacology.

CO7. Demonstrate understanding about the drugs used in alternative system of medicine.

CO8. Demonstrate understanding about the fundamental principles of prescribing.

PLACEMENT: IV SEMESTER PATHOLOGY - II AND GENETICS

COMPETENCIES: On completion of the course, the students will be able to

CO1. Apply the knowledge of pathology in understanding the deviations from normal to abnormal pathology

CO2. Rationalize the various laboratory investigations in diagnosing pathological disorders

CO3. Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and feces for various tests

CO4. Apply the knowledge of genetics in understanding the various pathological disorders

CO5. Appreciate the various manifestations in patients with diagnosed genetic abnormalities

CO6. Rationalize the specific diagnostic tests in the detection of genetic abnormalities.

CO7. Demonstrate the understanding of various services related to genetics.

PLACEMENT: IV SEMESTER ADULT HEALTH NURSING - II WITH INTEGRATED PATHOPHYSIOLOGY including Geriatric Nursing AND PALLIATIVE CARE MODULE

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COMPETENCIES: On completion of the course the students will apply nursing process and critical thinking in delivering holistic nursing care with selected Medical and Surgical conditions. At the completion of Adult Health Nursing II course, students will

CO1. Explain the etiology, pathophysiology, manifestations, diagnostic studies, treatments and complications of selected common medical and surgical disorders.

CO2. Perform complete health assessment to establish a data base for providing quality patient care and integrate the knowledge of diagnostic tests in the process of data collection.

CO3. Identify diagnoses, list them according to priority and formulate nursing care plan.

CO4. Perform nursing procedures skill fully and apply scientific principles while giving comprehensive nursing care to patients.

CO5. Integrate knowledge of anatomy, physiology, pathology, nutrition, and pharmacology in caring for patients experiencing various medical and surgical disorders.

CO6. Identify common diagnostic measures related to the health problems with emphasis on nursing assessment and responsibilities.

CO7. Demonstrate skill in assisting/performing diagnostic and therapeutic procedures.

CO8. Demonstrate competencies/skills to patients undergoing treatment for medical surgical disorders.

CO9. Identify the drugs used in treating patients with selected medical surgical conditions.

CO10. Plan and provide relevant individual and group education on significant medical surgical topics.

CO11. Maintain safe environment for patients and the health care personnel in the hospital.

PLACEMENT: IV SEMESTER PROFESSIONALISM, PROFESSIONAL VALUES & ETHICS INCLUDING BIOETHICS

COMPETENCIES: On completion of this course, the students will be able to

CO1. Describe profession and professionalism.

CO2. Identify the challenges of professionalism.

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CO3. Maintain respectful communication and relationship with other health team members, patients and society.

CO4. Demonstrate professional conduct.

CO5. Describe various regulatory bodies and professional organizations related to nursing.

CO6. Discuss the importance of professional values in patient care.

CO7. Explain the professional values and demonstrate appropriate professional values in nursing practice.

CO8. Demonstrate and reflect on the role and responsibilities in providing compassionate care in the healthcare setting.

CO9. Demonstrate respect, human dignity and privacy and confidentiality to self, patients and their caregivers and other health team members.

CO10. Advocate for patients' wellbeing, professional growth and advancing the profession.

CO11. Identify ethical and bioethical concerns, issues and dilemmas in nursing and healthcare.

CO12. Apply knowledge of ethics and bioethics in ethical decision making along with health team members.

CO13. Protect and respect patient's rights.

PLACEMENT: V SEMESTER CHILD HEALTH NURSING - I

COMPETENCIES: On completion of the course, the students will be able to

CO1. Develop understanding of the history and modern concepts of child health and child-care.

CO2. Explore the national child welfare services, national programs and legislation in the light of National Health Policy 2017.

CO3. Describe the role of preventive pediatrics and perform preventive measures towards accidents.

CO4. Participate in national immunization programs/Universal Immunization Program (UIP).

CO5. Identify the developmental needs of children and provide parental guidance.

CO6. Describe the principles of child health nursing and perform child health nursing procedures.

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CO7. Demonstrate competencies in newborn assessment, planning and implementation of care to normal and high-risk newborn including neonatal resuscitation.

CO8. Apply the principles and strategies of Integrated management of neonatal and childhood illness (IMNCI).

CO9. Apply the knowledge of pathophysiology and provide nursing care to children with respiratory system disorders.

CO10. Identify and meet childhood emergencies and perform child CPR.

PLACEMENT: V SEMESTER MENTAL HEALTH NURSING - I

COMPETENCIES: On completion of the course, the students will be competent to

CO1. Trace the historical development of mental health nursing and discuss its scope.

CO2. Identify the classification of the mental disorders.

CO3. Develop basic understanding of the principles and concepts of mental health nursing.

CO4. Apply the Indian Nursing Council practice standards for psychiatric mental health nursing in supervised clinical settings.

CO5. Conduct mental health assessment.

CO6. Identify and maintain therapeutic communication and nurse patient relationship.

CO7. Demonstrate knowledge of the various treatment modalities and therapies used in mental disorders.

CO8. Apply nursing process in delivering care to patients with mental disorders.

CO9. Provide nursing care to patients with schizophrenia and other psychotic disorders based on assessment findings and treatment/therapies used.

CO10. Provide nursing care to patients with mood disorders based on assessment findings and treatment/therapies used.

CO11. Provide nursing care to patients with neurotic disorders based on assessment findings and treatment/ therapies used.

PLACEMENT: V SEMESTER COMMUNITY HEALTH NURSING - I

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including Environmental Science & Epidemiology

COMPETENCIES: On completion of the course, the students will be able to

CO1. Explore the evolution of public health in India and community health nursing

CO2. Explain the concepts and determinants of health

CO3. Identify the levels of prevention and health problems of India

CO4. Develop basic understanding about the health care planning and the present health care delivery system in India at various levels

CO5. Locate the significance of primary health care and comprehensive primary health care as part of current health care delivery system focus

CO6. Discuss health care policies and regulations in India

CO7. Demonstrate understanding about an overview of environmental science, environmental health and sanitation

CO8. Demonstrate skill in nutritional assessment for different age groups in the community and provide appropriate nutritional counseling

CO9. Provide health education to individuals and families applying the principles and techniques of behavior change appropriate to community settings

CO10. Describe community health nursing approaches and concepts

CO11. Describe the role and responsibilities of community health nursing personnel

CO12. Utilize the knowledge and skills in providing comprehensive primary health care across the life span at various settings

CO13. Make effective home visits by applying principles and methods used for home visiting

CO14. Use epidemiological approach in community diagnosis

CO15. Utilize the knowledge of epidemiology, and epidemiological approaches in caring for people with communicable and non-communicable diseases

CO16. Investigate an epidemic of communicable diseases

CO17. Assess, diagnose, manage, and refer clients for various communicable and non-communicable diseases appropriately at the primary health care level

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CO18. Identify and perform the roles and responsibilities of nurses in implementing various national health programs in the community for the prevention, control and management of communicable and non-communicable diseases particularly in screening, identification, primary management and referral to a health facility/First Referral Unit (FRU).

PLACEMENT: V SEMESTER EDUCATIONAL TECHNOLOGY/NURSING EDUCATION

COMPETENCIES: On completion of the course, the students will be competent to

CO1. Develop basic understanding of theoretical foundations and principles of teaching and learning

CO2. Identify the latest approaches to education and learning

CO3. Initiate self- assessment to identify one's own learning styles

CO4. Demonstrate understanding of various teaching styles that can be used, based on the learners' readiness and generational needs

CO5. Develop understanding of basics of curriculum planning, and organizing

CO6. Analyze and use different teaching methods effectively that are relevant to student population and settings

CO7. Make appropriate decisions in selection of teaching learning activities integrating basic principles

CO8. Utilize active learning strategies that enhance critical thinking, team learning and collaboration

CO9. Engage in team learning and collaboration through inter professional education

CO10. Integrate the principles of teaching and learning in selection and use of educational media/technology

CO11. Apply the principles of assessment in selection and use of assessment and evaluation strategies

CO12. Construct simple assessment tools/tests integrating cognitive, psychomotor and affective domains of learning that can measure knowledge and competence of students

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CO13. Develop basic understanding of student guidance through mentoring and academic advising

CO14. Identify difficult situations, crisis and disciplinary/grievance issues experienced by students and provide appropriate counseling

CO15. Engage in ethical practice in educational as well as clinical settings based on values, principles and ethical standards

CO16. Develop basic understanding of evidence-based teaching practices

PLACEMENT: V SEMESTER INTRODUCTION TO FORENSIC NURSING AND INDIAN LAWS

COMPETENCIES: On completion of the course, the students will be able to

CO1. Identify forensic nursing as an emerging specialty in healthcare and nursing practice

CO2. Explore the history and scope of forensic nursing practice

CO3. Identify forensic team, role and responsibilities of forensic nurse in total care of victim of violence and in preservation of evidence

CO4. Develop basic understanding of the Indian judicial system and legal procedures

PLACEMENT: VI SEMESTER CHILD HEALTH NURSING - II

COMPETENCIES: On completion of the course, the students will be able to

CO1. Apply nursing process in providing care to patients with substance use disorders, and personality and sexual disorders.

CO2. Apply the nursing process in providing care to patients with behavioral and emotional disorders occurring during childhood and adolescence.

CO3. Apply the nursing process in providing care to patients with organic brain disorders.

CO4. Identify and respond to psychiatric emergencies.

CO5. Carry out crisis interventions during emergencies under supervision.

CO6. Perform admission and discharge procedures as per MHCA 2017.

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CO7. Explore the roles and responsibilities of community mental health nurse in delivering community mental health services.

PLACEMENT: VI SEMESTER MIDWIFERY/OBSTETRICS AND GYNECOLOGY (OBG) NURSING - I

COMPETENCIES: On completion of the program, the students will be able to

CO1. Demonstrate professional accountability for the delivery of nursing care as per INC standards/ICM competencies that are consistent with moral, altruistic, legal, ethical, regulatory and humanistic principles in midwifery practice.

CO2. Communicate effectively with individuals, families and professional colleagues fostering mutual respect and shared decision making to enhance health outcomes.

CO3. Recognize the trends and issues in midwifery and obstetrical nursing.

CO4. Review and describe the anatomy and physiology of human reproductive system and conception.

CO5. Describe and apply physiology in the management of normal pregnancy, birth and puerperium.

CO6. Demonstrate competency in providing respectful and evidence based maternity care for women during the antenatal, intranatal and postnatal period.

CO7. Uphold the fundamental human rights of individuals when providing midwifery care.

CO8. Promote physiologic labour and birth, and conduct normal childbirth.

CO9. Provide evidence based essential newborn care.

CO10. Apply nursing process approach in caring for women and their families.

CO11. Describe the methods of contraception and role of nurse/midwife in family welfare services.

CO12. Recognize the importance of and actively participate in family welfare programs.

CO13. Provide youth friendly health services and care for women affected by gender based violence.

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PLACEMENT: VII SEMESTER COMMUNITY HEALTH NURSING – II

COMPETENCIES: On completion of the course, the students will be able to

CO1. Demonstrate beginning practice competencies/skills relevant to providing comprehensive primary health care/community-based care to clients with common diseases and disorders including emergency and first aid care at home/clinics/centers as per predetermined protocols/drug standing orders approved by MOH&FW

CO2. Provide maternal, newborn, and child care, and reproductive health including adolescent care in the urban and rural health care settings

CO3. Describe the methods of collection and interpretation of demographic data

CO4. Explain population control and its impact on society and describe the approaches towards limiting family size

CO5. Describe occupational health hazards, occupational diseases and the role of nurses in occupational health programs

CO6. Identify health problems of older adults and provide primary care, counseling and supportive health services

CO7. Participate in screening for mental health problems in the community and providing appropriate referral services

CO8. Discuss the methods of data collection for HMIS, analysis and interpretation of data

CO9. Discuss about effective management of health information in community diagnosis and intervention

CO10. Describe the management system of delivery of community health services in rural and urban areas

CO11. Describe the leadership role in guiding, supervising, and monitoring the health services and the personnel at the PHCs, SCs and community level including financial management and maintenance of records & reports

CO12. Describe the roles and responsibilities of Mid-Level Health Care Providers (MHCPs) in Health Wellness Centers (HWCs)

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CO13. Identify the roles and responsibilities of health team members and explain their job description

CO14. Demonstrate initiative in preparing themselves and the community for disaster preparedness and management

CO15. Demonstrate skills in proper bio-medical waste management as per protocols

CO16. Explain the roles and functions of various national and international health agencies

PLACEMENT: VII SEMESTER NURSING RESEARCH AND STATISTICS

COMPETENCIES: On completion of the course, students will be competent to

CO1. Identify research priority areas

CO2. Formulate research questions/problem statement/hypotheses

CO3. Review related literature on selected research problem and prepare annotated bibliography

CO4. Prepare sample data collection tool

CO5. Analyze and interpret the given data

CO6. Practice computing, descriptive statistics and correlation

CO7. Draw figures and types of graphs on given select data

CO8. Develop a research proposal

CO9. Plan and conduct a group/individual research project

PLACEMENT: VII SEMESTER MIDWIFERY/OBSTETRIC AND GYNECOLOGY NURSING - II

COMPETENCIES: On completion of the course, the students will be able to:

CO1. Describe the assessment, initial management, referral and respectful maternity care of women with high risk pregnancy.

CO2. Demonstrate competency in identifying deviation from normal pregnancy.

CO3. Describe the assessment, initial management, referral and nursing care of women with high risk labour.

CO4. Assist in the conduction of abnormal vaginal deliveries and caesarean section.

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- CO5. Describe the assessment, initial management, referral and nursing care of women with abnormal postnatal conditions.
- CO6. Demonstrate competency in the initial management of complications during the postnatal period.
- CO7. Demonstrate competency in providing care for high-risk newborn.
- CO8. Apply nursing process in caring for high-risk women and their families.
- CO9. Describe the assessment and management of women with gynecological disorders.
- CO10. Demonstrate skills in performing and assisting in specific gynecological procedures.
- CO11. Describe the drugs used in obstetrics and gynecology.
- CO12. Counsel and care for couples with infertility.
- CO13. Describe artificial reproductive technology.

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