

# Post Basic Bachelor of Science Nursing

## Syllabus – First Semester

### NURSING FOUNDATION

**Course Code: NUR2105**

**Credit Unit-06**

**Course Description:** This course will help students develop an understanding of the philosophy, objectives and responsibilities of Nursing as a Profession. The purpose of the course is to orient to the current concepts involved in the practices of Nursing and developments in the Nursing Profession.

#### **OBJECTIVES**

**At the end of the course, the student will:**

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

#### **Course Contents**

##### **Module I**

- Development of Nursing as a Profession:
  - Its philosophy
  - Objectives and responsibilities of a professional Nurse.
- Trends influencing Nursing Practices.
- Expanded role of the Nurse.
- Development of Nursing Education in India and trends in Nursing Education.
- Professional organizations, career planning.
- Code of ethics & Professional conduct for Nurses.

##### **Module II**

- Ethical, legal and other issues in Nursing.
- Concept of health and illness, effects on the person.
- Stress and adaptation.
- Health care concept and Nursing care concept.
- Developmental concept, needs, roles and problems of the development stages of individual – newborn, infant, toddler, pre-adolescent, adolescent, adulthood, middle- age old age.

##### **Module III**

- Theory of Nursing practices.
- Meta-paradigm of Nursing – characterized by four central concepts i.e. Nurse, person (client/ patient), health and environment.

##### **Module IV**

- Nursing process.
- Assessment: Tools for assessment, methods, recording.
- Planning: Teaching for planning care, types of care plans.
- Implementation: Different approaches to care, organizations and implementation of care, recording.
- Evaluation: tools for evaluation, process of evaluation, types of evaluation.

**Module V**

- Quality assurance: Nursing Standards, Nursing audit, total quality management.
- Role of council and Professional bodies in maintenance of standards.

**Module VI**

- Primary health care concept:
  - Community oriented Nursing
  - Holistic Nursing
  - Primary Nursing.
- Family oriented Nursing concept:
  - Problem oriented Nursing
  - Progressive patient care
  - Team Nursing.

**Examination Scheme:**

Components	ATT	HA	CT	SE	P/S	EE
Weightage(%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; P/S Presentation /Seminar; EE- End Semester Examination**

**Text & References:**

**Text**

1. Barbara Kosier et al, *Fundamentals of Nursing Concepts and Procedure*, Addison Welsloy Publishing Co., 2007, Philadelphia
2. Potter and Perry, *Fundamentals of Nursing Concepts-Process and Practice*, C.V Mosby and Co., 1985, London.
3. Nancy Sr., *Principles and Practices of Nursing*, vol. I, II, NR Publishing Home, 1984, Indore

**References**

1. Brown Ammy Francis, *Medical Nursing*, W.B Saunders and Co., 2006, USA.
2. Esther Mc Clain RN, *Scientific Principle of Nursing*, Current technical literature Publications, 1969, Bombay.
3. Virginia Henderson et al, *Principles and Practice of Nursing*, Mc Milan Publishing Co., London.
4. Elbert et al, *Scientific Principles in Nursing*, C. V Mosby and Co., 1974, USA.
5. Ann Marriner, *The Nursing Process- A Scientific Approach to Nursing Care*, C.V Mosby and Co., 1979.
6. Hoodmark Rohweden, *Scientific Foundation of Nursing*, 3<sup>rd</sup> edition, J.B Lippincott Co., 1975,
7. Norman G. Kirby and Sliphen J Mather, Bailliers, *Hand Book of First Aid*, India Traveller Book Seller,
8. Lois Dakes, *Illustrations of Bandaging and First Aid*, E and S Livingstone Ltd, Teviot plane.

\* Latest editions of all the suggested books are recommended.

# MEDICAL SURGICAL NURSING

**Course Code: NUR2108**

**Credit Unit-09**

**Course Description:** The purpose of this course is to widen the students' knowledge and develop proficiency in caring for patients with medical surgical problems. This course includes review of relevant Anatomy and Physiology, Pathophysiology in Medical-Surgical disorders and Nursing management of these conditions.

## OBJECTIVES

**At the end of the course, the student will:**

1. Explain relevant Anatomy and Physiology of various systems of the body.
2. Explain Pathophysiology of various disorders.
3. Explain the actions, side effects and Nursing implications in administering drugs for various disorders.
4. Discuss the recent advancement in the treatment and care of patients with medical surgical conditions.
5. Develop skill in giving comprehensive Nursing care to patients following the steps of Nursing process.
6. Assist the patients and their families in identifying and meeting their own health needs.
7. Appreciate the role of the nurse in the medical surgical health term.

## Course Contents

### Module I

- Introduction to Medical Surgical Nursing.
- Review of concepts of comprehensive Nursing care in medical surgical conditions.
- Nurse, patient and his/ her family.
- Functions of Nurse in the Outpatient Department.
- Intensive care Module.

### Module II

- Nursing management of patient with specific problems:
  - Fluid and electrolyte imbalance.
  - Dyspnea and cough, Respiratory obstruction
  - Fever
  - Shock
  - Unconsciousness
  - Pain
  - Acute illness
  - Chronic illness
  - Terminal illness
  - Age related illness
  - Patient undergoing surgery
  - Incontinence.

### Module III

- Nursing management of patient with Neurological and Neurosurgical conditions.
- Review of Anatomy and Physiology of the Nervous System.
- Pathophysiology, diagnostic procedures and management of-
  - Cerebra-vascular accident.

- Cranial spinal and peripheral Neuropathies.
- Headache and intractable pain.
- Epilepsy.
- Infectious and inflammatory diseases and trauma of the Nervous System.
- Common disorders of the system.
- Recent advances in diagnostic and treatment modalities.
- Drugs used in these disorders.
- Tumors of brain & Spinal cord, congenital malformations, degenerative diseases.

#### **Module IV**

- Nursing management of patient with Cardiovascular problems.
- Review of relevant Anatomy and Physiology of Cardiovascular system.
- Pathophysiology, diagnostic procedures and management of:
  - Ischemic Heart diseases
  - Cardiac arrhythmias
  - Congestive heart failure
  - Rheumatic and other valvular heart diseases
  - Endocarditis, cardiomyopathies, congenital heart diseases, hypertension, heart block
  - Cardiac emergencies: Cardiac Arrest, acute pulmonary oedema, cardiac tamponade, cardiogenic shock, aneurysms and peripheral vascular disorders, recent advancement in cardiology.

#### **Module V**

- Nursing management of patient with respiratory problems.
- Review of Anatomy and Physiology of respiratory system Pathophysiology, diagnostic procedures and management of upper respiratory tract infections:
  - Bronchitis
  - Asthma
  - Emphysema, Empyema, Atelectasis, COPD
  - Bronchiectasis
  - Pneumonia
  - Pulmonary tuberculosis
  - Lung abscess
  - Pleural effusion
  - Tumours and cysts
  - Chest injuries
  - Respiratory arrest and insufficiency
  - Pulmonary embolism
  - Drugs used in the management of these patients
  - Special respiratory therapies.

#### **Module VI**

- Nursing management of patient with Genito-urinary problems.
- Review of Anatomy and Physiology of the Genito-urinary System
  - Nephritis
  - Renal calculus
  - Acute renal failure
  - Chronic renal failure
  - End stage renal disease.
- Special procedures, dialysis, renal transplant.
- Drugs used in management of these patients.
- Congenital disorders, urinary infections.

- Benign prostate hypertrophy.

#### **Module VII**

- Nursing management of patients with problems of the digestive systems.
- Review of Anatomy and Physiology of gastrointestinal system and accessory organs.
- Pathophysiology, diagnostic procedures and management of :
  - G.I. Bleeding
  - Peptic ulcer
  - Infections
  - Acute abdomen
  - Colitis, diarrhea, dysentery & mal-absorption syndrome.
  - Cholecystitis
  - Hepatitis, hepatic coma and cirrhosis of liver
  - Portal hypertension
  - Pancreatitis
  - Tumors, Hernias, Fistulas, Fissures, Hemorrhoids.
- Drug used in the management of these patients.

#### **Module VIII**

- Nursing management of patients with endocrine problems.
- Review of Anatomy, Physiology and Pathophysiology of patient with:
  - Thyroid disorders
  - Diabetes mellitus
  - Diabetes insipidus
  - Adrenal tumour
  - Pituitary disorders
  - Diagnostic procedures.
- Nursing management of patient with above problems.
- Drug used in Endocrine problems.

#### **Module IX**

- Nursing management of patient with musculoskeletal problems.
- Review of anatomy, Physiology and Pathophysiology:
  - Arthritis Osteomyelitis, Bursitis
  - Fractures, dislocation and trauma
  - Prolapsed disc
  - Osteomalacia and osteoporosis
  - Tumor
  - Amputation.
- Diagnostic procedures
- Nursing management of patient with above problems.
- Prosthesis and Rehabilitation.
- Transplant & replacement surgeries.

#### **Module X**

- Nursing management of patient with disorders of female reproductive tract.
- Disorder of menstruation.
- Infections of the genital tract.
- Benign and malignant tumors of the genital tract.

- R.V.F., V.V.F.
- Climacteric changes and associated problems.

**Module XI**

- Nursing management of patient with Oncological disorders.
- Types of Neoplasms and related Pathophysiology.
- Diagnostic procedures.
- Modalities of treatment and nurse’s role.
- Special therapies – Chemotherapy and Radiotherapy
- Preventive measures, other therapies.

**Module XII**

- Nursing management of patient with burns.
- Nursing management of patient with reconstructive surgeries.

**Module XIII**

- Nursing management of patient with common communicable diseases & STD’S.
- Nursing management of patient with immunological disorders including HIV/AIDS.

**Module XIV**

- Nursing management of patient with diseases of eye, ear, nose, throat & skin.

**Module XV**

- Nursing management of patient with blood disorders
- Review of Anatomy & Physiology of Blood & Blood products.
- Pathophysiology, diagnostic procedures and management of blood disorders:
  - Anemia
  - Leukemia
  - Bleeding disorders
  - Hemophilia
  - Purpura etc.
- Blood transfusion, safety checks, procedure and requirements. Management of adverse transfusion reaction, records for blood transfusion.
- Management and counseling of blood donors, phlebotomy procedure, and post donation management.
- Blood bank functioning and hospital transfusion committee
- Bio-safety and waste management in relation to blood transfusion.

**Module XVI**

- Nursing in emergencies.
- Cardiac emergencies.
- Trauma.
- Poisoning.
- Crisis management: Thyroid crisis, Hypertensive crisis and Adrenal crisis.

**Examination Scheme:**

Components	ATT	HA	CT	SE	P/S	EE
Weightage (%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; P/S-  
Presentation/Seminar; EE- End Semester Examination**

**Text & References:**

**Text**

1. Chintamani, Lewis's Medical Surgical Nursing, Assessment and Management of Clinical Problems, Adapted for South Asian Curriculum; 2011, New Delhi, Elsevier,
2. Joyce M. Black & Jane Hokanson Hawks, Medical Surgical Nursing, 7<sup>th</sup> Edition, Year 2004, Saunders (imprint of device)

**References**

1. Phippe, Manohar, Saids et al. Medical Surgical Nursing – Health and Illness perspectives, 7<sup>th</sup> Edition, Year 2003 Mosby (Elsevier).
2. Beare-Myers-Adults Health Nursing 3<sup>rd</sup> Edition, Year 1998 Mosby.
3. Sandra M Nettina- The Lippincott Manuel of Nursing Practice, 6<sup>th</sup> Edition, Year- 1991, Lippincott.
4. Brunner & Doris Smith Suddarth, Text Book of Medical Surgical Nursing, J.B. Lippincott Company.
5. Ansari, Javed. A textbook of Medical Surgical Nursing II, Year 2013, S.Vikas and Company India (Pee Vee)
6. Jean Luckman-Saunders, Manual of Nursing Care Year 1997, W.B. Saunders Company.
7. Donna D. Jgmataromis & M Linda workman Medical Surgical Nursing, Year- 2002. L.B. Saunders Company.

# ENGLISH

**Course Code: NUR2109**

**Credit Unit-06**

**Course Description:** This course is designed to help the students understand and use skills of English language required for their professional work.

## OBJECTIVES

After the course the student will develop:

1. Ability to speak and write grammatically corrects English.
2. Effective skill in reading and understanding the English language.
3. Skill in reporting.

## Course Contents

### Module I

- Remedial study of Grammar.
- Review of grammar, vocabulary and effective use of dictionary.
- Prepare task oriented seminars.
- Symposia and panel discussion.

### Module II

- The ability to understand selected passage and express meaning in one's own words.
- Reading and comprehension of the prescribed books.

### Module III

- The study of various forms of composition:
  - Note taking
  - Diary
  - Nurse notes, Anecdotal records
  - Writing of summary
  - Nurses' reports on health problems.

The student will submit one sample of each item from her own practical experience.

### Module IV

- Verbal communication.
- Oral reports.
- Summarization of discussion.
- Debate.
- Listening comprehension- film, cassette and radio.

## PRACTICUM

1. The clinical experience in the wards and bed side nursing will provide opportunity for students to fulfill the objectives of learning language.
2. Assignment on writing and conversation through participation in Discussion, Debates, Seminars and Symposia. The students will gain further skill in task oriented communication.

**Examination Scheme:**

<b>Components</b>	<b>ATT</b>	<b>HA</b>	<b>CT</b>	<b>SE</b>	<b>EA</b>	<b>EE</b>
<b>Weightage (%)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>75</b>

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EA- Extracurricular activity; EE- End Semester Examination**

**Text & References:****Text****Reference Books**

1. Tikkoo M. L., et al, *Intermediate Grammar usage and Composition*, Orient Longman Publication.
2. Sidhu, *An Intensive Course in English – A Remedial Work Book*, Orient Longman Publication.
3. Jain R.C., *English Grammar and Composition*, Mac-Milan Publication.

\* Latest editions of all the suggested books are recommended.

## MEDICAL SURGICAL NURSING (PRACTICAL)

**Course Code: NUR2110**

**Credit Unit-10**

This Course is based on Course Code NUR2108

### Guidelines

1. Students should be rotated in the selected medical & surgical areas, like Cardio Thoracic, Neurology, Urology, Orthopedics, Gynecology, Oncology, and Burns and Reconstructive surgical Modules.
2. The students should be given patient assignment. They have practices patient centered comprehensive Nursing.
3. Each student is requested to give planned health teachings, conduct clinical teaching, case presentation and drug study.

### Examination Scheme:

Components	P/S	NCS	NCP	HE	CE	SPE	EPE
Weightage (%)	20	15	30	5	20	10	100

**P/S-Presentation/Seminar; NCS-Nursing Case Study; NCP- Nursing Care plan; HE- Health Education; CE-Clinical Evaluation; SPE-Sessional Practical Examination; EE- External Practical Examination**

# Syllabus – Second Semester

## MATERNAL NURSING

**Course Code: NUR2208**

**Credit Unit-08**

**Course Description:** This course is designed to widen the student's knowledge of obstetrics during pregnancy, labour and puerperium. It also helps to acquire knowledge and develop skill in rendering optimum Nursing care to a child bearing mother in a hospital or Community and help in the management of common gynecological problems.

### OBJECTIVES

**At end of the course, the student will:**

1. Describe the Physiology of pregnancy, labour and puerperium.
2. Manage normal pregnancy, labour and puerperium.
3. Explain the Physiology of lactation and advice on management of breast feeding.
4. Be skilled in providing pre and post operative Nursing care in obstetric conditions.
5. Identify and manage high risk pregnancy including appropriate referrals.
6. Propagate the concept and motivate acceptance of family planning methods.
7. Teach, guide and supervise auxiliary midwifery personnel.

### Course Contents

#### Module I

- Introduction and historical review.
- Planned Parenthood.
- Maternal morbidity and mortality rates.
- Legislations related to maternity benefits, MTP acts, incentives for family planning etc.

#### Module II

- Review of the Anatomy and Physiology of female reproductive system.
- Female pelvis (normal and contracted).
- Review of Foetal development.

#### Module III

- Physiology and management of pregnancy, labour and puerperium.
- Signs and symptoms and diagnosis of pregnancy.
- Antenatal care.
- Pregnant woman with HIV/ AIDS.
- Management of common Gynecological problems.

#### Module IV

- The new born baby.
- Care of the baby at birth including resuscitation.
- Essential newborn care:
  - Feeding
  - Jaundice and infection
  - Small & large for date babies.
  - Intensive care of the new born

- Trauma and hemorrhage.

#### Module V

- Management of abnormal pregnancy, labour and puerperium.
- Abortion, ectopic pregnancy and vesicular mole.
- Pregnancy induced hypertension, gestational diabetes, anaemia, heart disease.
- Urinary infection, Antepartum haemorrhage.
- Abnormal labour (malposition & malpresentation):
  - Uterine inertia
  - Disorders of puerperium
  - Management of engorged breast, cracked nipples, breast abscess and mastitis
  - Puerperal sepsis
  - Post partum haemorrhage
  - Inversion and prolapsed of uterus, obstetrical emergencies
  - Obstetrical operation i.e. forceps, vacuum, episiotomy, caesarean section.

#### Module VI

- Drugs in obstetrics.
- Effects of drugs during pregnancy, labour and puerperium on mother & body.

#### Module VII

- National Welfare Programmes for Women.
- National Family Welfare Programme.
- Infertile Family.
- Problems associated with unwanted pregnancy.
- Unwed mothers.

#### Examination Scheme:

Components	ATT	HA	CT	SE	P/S	EE
Weightage (%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; P/S-Presentation/Seminar; EE- End Semester Examination**

#### Text & References:

##### Text

1. Dawn C.S, *Text Book of Gynaecology & Contraception*, Dawn books, 1994, CIT Road, Calcutta.
2. Dutta D. C., *Text Book of Gynaecology*, New central book agency Ltd., Calcutta.
3. Myles Margaret, *Text Book of Midwives*, Educational low priced books scheme, British Government

##### Reference Books

1. Dawn C.S, *Text Book of Obstetrics*, New central book agency Ltd., Calcutta.
  2. Hawkins & Borune, Shaw's, *Text Book of Gynaecology*, B.I. Chrchill Livingstone Pvt. Ltd.
- \*Latest editions of all the suggested books are recommended.

# PEDIATRIC NURSING

**Course Code: NUR2209**

**Credit Unit-06**

**Course Description:** This course is aimed at developing an understanding of the modern approach to child care, the common health problems of children and neonates in health and sickness.

## **OBJECTIVES**

**At the end of the course, the student will:**

1. Explain the modern concept of child care and the principles of Paediatric Nursing.
2. Describe the normal growth and development of children at different ages.
3. Manage sick as well as healthy neonates and children.
4. Identify various aspects of preventive Paediatric Nursing and apply them in providing Nursing care to children in hospital and Community.

## **Course Contents**

### **Module I**

- Introduction.
- Modern concept of child care.
- Internationally accepted rights of the child.
- National policy and legislations in relation to child health and welfare.
- National programmes related to child health and welfare.
- Changing trends in hospital care, preventive, promotive and curative aspects of child health.
- Child morbidity and mortality rates.
- Differences between an adult and child.
- Hospital environment for a sick child.
- The role of a Paediatric Nurse in caring for a hospitalized child.
- Principles of Pre and Post operative care of infants and children.
- Paediatric Nursing procedures.

### **Module II**

- The healthy child.
- Growth and development from birth to adolescence.
- The needs of normal children through the stages of development and parental guidance.
- Nutritional needs of children & infants breast- feeding, supplementary/ artificial feeding and weaning.
- Accidents, causes and prevention.
- Value of play selection of play material.
- Preventive immunization.

### **Module III**

- Nursing care of a neonate.
- Nursing care of a normal newborn.
- Neonatal resuscitation.
- Nursing management of a low birth weight body.
- Nursing management of common neonatal disorders.
- Organization of neonatal Module. Preventive of infections in the nursery.

#### Module IV

- Nursing management in common childhood diseases.
- Nutritional deficiency disorders.
- Reparatory disorders and infections.
- Gastrointestinal infections, infections and congenital disorders.
- Cardio vascular problem-congenital defects and rheumatic fever.
- Genito-urinary disorder – Nephritic syndrome, Wilms’ tumor, infection and congenital disorders.
- Neurological infections and disorders- convulsions, epilepsy, meningitis, hydrocephalus, spinabifida.
- Hematological disorders – Anemias, Thalassemia, ITP, Leukemia, hemophilia.
- Endocrine disorders – Juvenile Diabetes Mellitus.
- Orthopedic disorders – club feet, hip dislocation and fracture.
- Disorders of skin eye and ears.
- Common Communicable Diseases in children, their identification, Nursing management in hospital and home and prevention.
- Paediatric emergencies – poisoning, foreign bodies, haemorrhage, burns and drowning.

#### Module V

- Management of behavioral disorders in children.
- Management of challenged children:
  - Mentally challenged
  - Physically challenged
  - Socially challenged.

#### Examination Scheme:

Components	ATT	HA	CT	SE	P/S	EE
Weightage (%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; P/S-Presentation/Seminar; EE- End Semester Examination**

#### Text & References:

##### Text

1. Marlow R., *Child Health for Nurses*, 6<sup>th</sup> edition, W.B. Saunders Company, New Delhi, 2002
2. Parthasarathy A., *Text Book of Paediatrics*, 3<sup>rd</sup> edition, Jaypee Brothers, New Delhi, 2006.
3. Lippincott, *Lippincott manual of nursing practice*, 6<sup>th</sup> edition, , Lippincott publishers, Philadelphia. 1996

##### References

1. Behrman, Richard K & Vaughan, Nelson,s, *TextBook of Paediatrics*, WB Saunders Co.,
2. Barbara EW, *Guidelines in the Care of the Low Birth Weight*, Orient Longman
3. Aravind. R., *Applied Neonatology*, 1<sup>st</sup> edition, Jaypee brothers medical publication, New Delhi, 2006.
4. Guha.K, *Neonatology-Principles and practice*, 3<sup>rd</sup> edition, Jaypee publication, New Delhi, 2005.
5. Singh Meharban, *Care of the Newborn*, 6<sup>th</sup> edition, Sagar publications, New Delhi, 2004.
6. Ghai .O.P, *Essential Pediatric*, 6<sup>th</sup> edition, CBS Publishers, Bangalore, 2006
7. Gupta .S, *Essential Text Book of Paediatrics*, Jaypee Brothers Publishers Pvt. Ltd., 7<sup>th</sup> edition, 1995.
8. J.M. Chellapa, *Paediatric Nursing*, Gajanana Book Publishers and Distributors, Delhi, 1995.

\* Latest editions of all the suggested books are recommended.

## MATERNAL NURSING (PRACTICAL)

Course Code: NUR2211

Credit Unit-08

This Course is based on Course Code NUR2208

### Guidelines

1. The student will:
  - a. Be posted in antenatal Clinic, MCH clinic, antenatal ward, labour room, postnatal ward, maternity OT, MTP room.
  - b. Visit welfare agencies for woman and write observation report.
  - c. Follow Nursing process in providing care to 3-6 patients.
  - d. Write at least two Nursing care studies and do a presentation.
  - e. Give at least one planned health teaching to a group of mothers.
2. Practices following Nursing procedures -
  - a. Antenatal & Post natal examination, per vaginal exam.
  - b. Conduct normal delivery, stitching of episiotomy, (for male candidate minimum conduct of 5 deliveries)
  - c. Motivation of family for adopting family planning methods.
  - d. Motivate family for Planned Parenthood.
  - e. Assist in various diagnostic and therapeutic procedures including IUD insertion and removal.

### Examination Scheme:

Components	ANC	NCP (PNC)	P/S	HE	NCS	CE	SPE	EPE
Weightage (%)	10	10	10	10	10	40	10	100

ANC-Antenatal case; NCP- Nursing Care plan; PNC-Post natal case; P/S-Presentation//Seminar;  
HE-Health Education; NCS- Nursing Case Study; CE- Clinical Evaluation; SPE- Sessional  
Practical Examination; EPE-External Practical Exam

## PAEDIATRIC NURSING (PRACTICAL)

Course Code: NUR2212

Credit Unit-08

This Course is based on Course Code NUR2209

### Guidelines

The student will:

1. Be posted in Pediatric Medical and Surgical wards, OPD in hospital, health centre and neonatal unit.
2. Visit a centre for handicapped children and child welfare centre and write observation report.
3. Write an observational study of normal children of various age groups in home/ nursery school/ crèche.
4. Follow Nursing process in providing care to 3-6 children.
5. Write at least two Nursing care studies and do a presentation.
6. Give two planned health teachings, one in hospital and one in OPD / health centre.
7. Practice the following Nursing procedures:
  - Taking pediatric history
  - Physical assessment of children
  - Baby bath
  - Feeding
  - Restraining.
8. Calculation of dosage of drugs and administration of medications and injections.
9. Collection of specimens.
10. Enema, bowel wash, colostomy irrigation.
11. Steam and oxygen inhalation.
12. Preparation to assist with diagnostic tests and operations.
13. Examination / Assessment of a newborn.
14. Neonatal resuscitation.
15. Care of a baby in incubator and on ventilator.
16. Photo Therapy.
17. Assist in exchange transfusion and other therapeutic procedures.

### Examination Scheme:

Components	NCP	HE	NCS/P	GDA	CE	SPE	EPE
Weightage (%)	10	10	20	10	30	20	100

NCP-Nursing Care Plan; HE- Health Education; NCS/P-Nursing Case Study/Presentation; GDA-Growth & Development Assessment; SPE-Sessional Practical Examination; CE- Clinical Evaluation; EPE- End Semester Practical Examination

# Syllabus – Third Semester

## COMMUNITY HEALTH NURSING

Course Code: NUR2306

Credit Unit-07

**Course Description:** The course enables the students to understand the national health care delivery system and to participate in the delivery of Community Health Nursing.

### OBJECTIVES

**At the end of the course, the student will:**

1. Explain the concepts of various factors contributing to health of individual, family and Community.
2. Identify the role of a Community Health Nurse.
3. Describe National Health Care delivery system.
4. Describe Epidemiological methods and principles of prevention and control of illness in the Community.
5. Identify the role of personnel working in the Community Health setting.
6. Plan the work of Community Health Nursing, and supervise and train health workers.

### Course Contents

#### Module I

- Introduction.
- Introduction to Community Health – Concepts, Principles and Elements of Primary Health Care.
- Introduction to Community Health Nursing.
- Concept of Community Health Nursing – Community Nursing process.
- Objective, Scope and Principles of Community Health Nursing.

#### Module II

- Family Health Services.
- Concept, Objective, Scope and Principles.
- Individual, Family and Community as a unit of service.
- Principles and techniques of home visiting.
- Establishing working relationship with the family.
- Working with families in relation to prevention of diseases, promotion of health.
- Care of the sick in the home, physically handicapped and mentally challenged.
- Surveillance and Monitoring.

#### Module III

- Organization and Administration of health services in India.
- National Health Policy.
- Health Care Delivery system in India.
- Health team concepts:
  - Centre, State, District, Urban Health Services, Rural Health Services
  - System of medicines
  - Centrally sponsored health schemes
  - Role of voluntary health organizations and International Health Agencies
  - Role of health personnel in the Community
  - Public Health Legislation.

**Module IV**

- Health Education:
  - Aims, Concepts and Scope of Health Education.
  - National Plan for Health Education
  - Communication Techniques
  - Methods and media for health education programmes
  - Planning for health education and role of nurse.

**Module V**

- Role of the Community Health Nurse.
- National Health Programmes:
  - Maternal and child health programmes
  - Family welfare and school health services
  - Occupational health services.
- As a member of the health team.
- Training and supervision of health care workers.

**Module VI**

- Epidemiology
- Definition – concepts, aims, objectives, methods & principles,
- Epidemiology – theories and models.
- Application of Epidemiology, principles and concepts in Community health.

**Module VII**

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

**Examination Scheme:**

<b>Components</b>	<b>ATT</b>	<b>HA</b>	<b>CT</b>	<b>SE</b>	<b>P/S</b>	<b>EE</b>
<b>Weightage (%)</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>75</b>

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; P/S-Presentation/Seminar; EE- End Semester Examination**

**Text & References:**

**Text**

1. Park J. E, Text Book of Preventive and Social Medicine, Ms Banarsidas Bhanhot Co., Jabalpur.
2. Dr.Mrs.kasturi Sunda Rao,"An Introduction to Community Health Nursing" BI Publications , Chennai
3. S.Kamalam "Essentials in Community Health Nursing Practice' Jaypee Publications, New Delhi
4. Sunita Patney"Text Book of Community Health Nursing" CBS publishers, New Delhi

## References

1. Clark, June & Jill Handerson, *Community Health*, Churchill Livingstone, New York.
2. Freeman B. Ruth, *Public Health Practices*, W. W. Saunders Co, Philadelphia.
3. Fromer Joan Margot, *Community Health Care and the Nursing process*, C. V. Mosby Co, Toronto.
4. Park J. E, *Text Book of Preventive and Social Medicine*, Ms Banarsidas Bhanhot Co., Jabalpur.
5. Park K, *Text Book of Preventive and Social Medicine*, Ms Banarsidas Bhanhot Co, Jabalpur.
6. Rao S. Kasthi, *An Introduction to Community Health Nursing*, B. I. Publishers, Madras.
7. Stan hope & Lancaster Janette, *Community Health Process and Practice for Promoting Health*, The C.V Mosby & CO. London.

\* Latest editions of all the suggested books are recommended.

# COMMUNITY HEALTH NURSING (PRACTICAL)

Course Code: NUR2308

Credit Unit-08

This Course is based on Course Code NUR2306

## Guidelines

1. Each student will prepare a Community profile.
2. The student will be allotted families for gaining experience in identifying family health needs, health counseling and guidance and family budgeting for optimum health.
3. The student will participate in the activities of primary health centre.
4. Sub-centre, MCH centre.
5. Visits will be made to selected health and welfare agencies, water purification plant and sewage disposal plant, infectious disease hospital, child welfare centre, old aged homes, orphanages and handicapped hospitals.
6. Conduct health educational programmes for individual/ groups/ Community.

## Examination Scheme:

Components	CHP	CP	FCS	OR	HE	EPE
Weightage (%)	20	10	30	10	30	100

**CHP- Community Health project; CP-Community Profile; FCS-Family Case Study; OR- Observation Report; HE-Health Education; EPE-External Practical Exam**

# Syllabus – Fourth Semester

## PSYCHIATRIC NURSING

**Course Code: NUR2405**

**Credit Unit-06**

**Course Description:** This course enables the students to recognize and appreciate the causes, symptoms and process of abnormal human behavior. It also introduces the student to the present day treatment modalities in the light of psychological, social and cultural factors affecting human behavior. This course helps the student to learn principles of Mental Health and Psychiatric Nursing and to develop beginning skills in the management of the mentally ill in hospital and Community.

### OBJECTIVES

**At the end of course, the student will:**

1. Identity and describe the Philosophy and Principles of Mental Health Nursing.
2. Describe the Historical Development of Mental Health and Psychiatric Nursing.
3. Classify Mental Disorders.
4. Develop skill in history taking and performing Mental status examination.
5. Describe etiological factors, Psychopathology, clinical features, diagnostic criteria and treatment methods used for mental disorders.
6. Manage the patients with various Mental disorders.
7. Communicate therapeutically with patients and their families.
8. Identity role of the Nurse in preventive psychiatry.
9. Identity the legal aspects in practice of Mental Health and Psychiatric Nursing.

### Course Contents

#### Module I

- Introduction and historical development.
- History of Psychiatry.
- Historical development of Mental Health Nursing.
- Philosophy, Principles of Mental Health Nursing and Psychiatric Nursing.
- Concept of normal and abnormal behavior.
- Role and qualities of Mental Health and Psychiatric Nurse.
- Mental Health team and functions of team members.
- Legal aspects in Psychiatry and Mental Health services.

#### Module II

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

#### Module III

- Therapeutic communication.
- Communication process.
- Interview skills, therapeutic communication techniques. Nurse patient relationship, therapeutic impasse and its management process recording.

#### **Module IV**

- Management of mental disorders
- Etiological factors, psychopathology, types, clinical features, diagnostic criteria, treatment and Nursing management of patient with following disorders:
  - Neurotic disorders: Anxiety Neurosis, Depressive Neurosis, Obsessive Compulsive Neurosis, Phobic Neurosis and Hypochondriacal Neurosis, stress related and somatoform disorders.
  - Psychotic disorders: Schizophrenic form, Affective and Organic psychosis.
  - Organic Brain syndromes
  - Psychosomatic disorders
  - Personality disorders
  - Disorders of Childhood and Adolescence.

#### **Module V**

- Management of patients with Substance abuse disorders.
- Substance abuse and misuse.
- Dependence, Intoxication and Withdrawal
  - Classification of Psychoactive Substances
  - Etiological & Contributory factors
  - Psychopathology
  - Clinical features
  - Diagnostic criteria.
- Treatment and Nursing management of patient with Substance use disorders.
- Preventive and rehabilitative aspects in substance abuse.

#### **Module VI**

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

#### **Module VII**

- Psychiatric emergencies.
- Types of emergencies, psychopathology, clinical features, assessment and diagnosis, treatment and Nursing management of patient with Psychiatric emergencies.
- Crisis intervention therapy.

#### **Module VIII**

- Therapeutic modalities.
- Principles, indication, contraindications and role of Nursing in various treatment methods:  
Therapeutic Community and Milieu therapy
  - Occupational therapy
  - Psychotherapy
  - Behavior therapy
  - Group therapy
  - Family therapy
  - Pharmacotherapy
  - Electro convulsive therapy
  - Other miscellaneous therapies.

## Module IX

- Preventive Psychiatry.
- Model of prevention.
- Role of Nursing in preventive Psychiatry.
- Psychiatric social work.
- Community Mental Health Nursing.
- Community Mental Health agencies.
- National Mental Health programmes.

### Examination Scheme:

Components	ATT	HA	CT	SE	P/S	EE
Weightage (%)	5	5	5	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; P/S-Presentation/Seminar; EE- End Semester Examination**

### Text & References:

#### Text

1. Taylor C.M., *Essentials of Psychiatric Nursing*, CV Mosby Co., London.
2. Bimlakapoor CV, *A Text Book of Psychiatric Nursing*, Mosby Co., Delhi.
3. Shivas, *Basic Concept of Psychiatric Mental Health Nursing*, B.I Publications.

#### Reference Books

1. Brown R. T. Feldman G. R., *Epilepsy -Diagnosis and Management*, Little Brown And Co., Toronto.
2. Beck M. C. Rawtins P. R. & et al, *Mental Health – Psychiatric Nursing*. The C.V. Mosby Co., Ltd. Toronto.
3. Coleman C. J, *Abnormal Psychology and Modern Life*. P. B. Tara and Sons Co. Pvt Ltd
4. Kaplan H. Saddock B, *Synopsis of Psychiatry*, William sand Wilkins, Bathmov.
5. Stuart W. G. Sundeen J. S, *Principles and Practice of Psychiatric Nursing*, Mosby Year Book, London.

\* Latest editions of all the suggested books are recommended.

# INTRODUCTION TO NURSING RESEARCH AND STATISTICS

Course Code: NUR2407

Credit Unit-05

**Course Description:** The course is designed to assist the students to develop an understanding of basic concepts of Research and Statistics, use the findings of Nursing Research in nursing practices, apply the knowledge in conducting project(S) and solve problems related to nursing using scientific method.

## OBJECTIVES

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

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

## Course Contents

### A. INTRODUCTION TO RESEARCH METHODOLOGY

#### Module I

- Steps of scientific methods.
- Definition of Research.
- Need for Nursing Research.
- Characteristics of good research. Research process.

#### Module II

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

#### Module III

- Research approaches: historical, survey and experimental.

#### Module IV

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

#### Module V

- Analysis of Data, Tabulation:
  - Classification and summarization
  - Presentation
  - Interpretation of data.

**Module VI**

- Communication of research findings.
- Writing report:
  - Organizing materials for writing
  - Format of the report
  - Use of computers.

**B. INTRODUCTION TO STATISTICS**

**Module VII**

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

**Module VIII**

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

**Module IX**

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

**Module X**

- Introduction to computers in Nursing.
- Introduction to Computer and disk – operating system
- Introduction to word processing
- Introduction to data base
- Window application: Word, Excel, Power point, Multimedia.
- Use of statistical packages.
- Introduction to internet & use of electronic mail.
- Computer aided teaching & testing.

**Examination Scheme:**

Components	ATT	HA	CT	SE	EE
Weightage (%)	5	10	5	5	75

**ATT-Attendance; HA-Home Assignment; CT-Class Test; SE-Sessional Examination; EE-**

**EE-**

**End Semester Examination**

## **Text & References:**

### **Text**

1. Polit, D. F. and Hungler, B. P, *Essentials of Nursing Research*, J. B. Lippincott Co., Philadelphia.
2. Basavanthappa B.T, *Nursing Research*, Jaypee Brothers, 2003, New Delhi

### **References**

1. Treece, E. W. and Treece J. W, *Elements of Research in Nursing*, C.V. Mosby Co., St. Louis.
2. Garrett H.E, *Statistic in Psychology & Education*, Vakils, Feffer and Samons, Bombay.
3. Mahajan B.K, *Methods in Biostatistics*, Jaypee medical publication, 1999, New Delhi.

\* Latest editions of all the suggested books are recommended.

## PSYCHIATRIC NURSING (PRACTICAL)

Course Code: NUR2408

Credit Unit-08

This Course is based on Course Code NUR2405

### Guidelines

The student will be provided opportunity to:

1. Observe, Record and Report the behavior of their selected patients.
2. Record the process of interaction.
3. Assess the Nursing needs of their selected patients, plan and implement the Nursing intervention.
4. Counsel the attendant and family members of patient.
5. Participate in the activities of Psychiatric team.
6. Write observation report after a field visit to the following places:
  - Child guidance clinic.
  - School / Special Schools (For mentally subnormal)
  - Mental Hospital,
  - Community Mental Health Centers.
  - De-addiction and Rehabilitation Centers.

### Examination Scheme:

Components	PR	NCP	NCS	MSE	HE	CE	EPE
Weightage (%)	20	20	20	10	10	20	100

**PR-Process Recording; NCP-Nursing Care Plan; NCS-Nursing Case Study; MSE- Mental status Examination; HE- Health Education; CE-Clinical Evaluation; EPE-End Term Practical Examination.**

## DISSERTATION (NURSING RESEARCH)

Course Code: NUR2437

Credit Unit-02

**Objectives:** During the training the students are expected to learn about research problem, research methodology, research plan, implementation and statistical methods. The knowledge will be utilized for improving the quality of nursing practice and education.

### Research Project

Students will conduct research project in selected areas of nursing and submit a report. The studies may include exploring existing health practices, improved practices of nursing procedures, health records, patient records and survey of nursing literature.

### Guidelines:

- During the clinical training a student will write a research project work related to the profession of nursing, based on his/her interest.
- Project work would be under the supervision of internal faculty (assigned for guiding the project) appointed by the Principal/Director of college of nursing.
- The research project would be completed and submitted before the completion of fourth semester of the course.
- Before the submission of project the student will be required to make a presentation before the research committee through power point presentation.
- The assessment of performance of student will be totally internal and the research committee will assess the student on the basis of his/her performance.
- There would be mid-term review of the progress of the project before three members of the research committee appointed by the Principal/Director of college of nursing.
- The research project work should cover the following area.
  - Review of literature on the selected topic and reporting
  - Formulation of problem statement, objectives.
  - Research methodology
  - Analysis and interpretation
  - Summary & Conclusion.

### Examination Scheme

Components	PP	TP	DAP	GE	Pr R/V (EE)
Weightage (%)	10	10	15	15	50

**PP -Proposal Presentation; TP- Tool Presentation; DAP- Data Analysis Presentation; GE- Guides' Evaluation; Pr R/V (EE)-Project Report/Viva (External Examination)**