Integral University, Lucknow

Department of Nursing

EVALUATION SCHEME

Post Basic B.Sc. Nursing 1st Year

S. No.	Subject Code	Name of Subject	Type of Paper	Evaluation Scheme		
				IA	EA	Total
1	NRY401	Nursing Foundations	Theory	15	35	50
2	NRY402	Nutrition & Dietetics	Theory	15	35	50
3	NRY403	Biochemistry & Biophysics	Theory	25	75	100
4	NRY404	Psychology	Theory	25	75	100
5	NRY405	Microbiology	Theory	25	75	100
6	NRY406	Maternal Nursing	Theory	25	75	100
7	NRY407	Child Health Nursing	Theory	25	75	100
8	NRY408	Medical Surgical Nursing	Theory	25	75	100
9	NRY409	English	Theory	25	75	100
10	NRY410	Medical Surgical Nursing	Practical	50	50	100
11	NRY411	Maternal Nursing	Practical	50	50	100
12	NRY412	Child Health Nursing	Practical	50	50	100
13	NRY413	Clinical Posting	Practical	50	50	100
Total				**405**	**795**	**1200**

IA = Internal Assessment
EA = External Assessment

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POST BASIC B.Sc. NURSING YEAR-I

NURSING FOUNDATIONS (NRY401)

Placement – First Year **Time Allotted:** 45 Hrs

Course Description: The course will help the students to 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.

COURSE CONTENTS

UNIT-I

1. Development of Nursing as a Profession:
2. Its philosophy
3. Objectives and responsibilities of a graduate Nurse.
4. Trends influencing Nursing Practice.
5. Expended role of the Nurse.
6. Development of Nursing Education in India and trends in Nursing Education.
7. Professional organization, career planning.
8. Code of ethics & Professional conduct for Nurse.

- 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.
- Development concept, needs, roles and problems of the development stages of individual newborn, infant, toddler, pre-adolescent, adolescent, adulthood, middle age and old age.

UNIT-II

- Theory of Nursing practice

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

UNIT-III

- 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, records.
- Evaluation: Tools for evaluation, process of evaluation, types of evaluation.

UNIT-IV

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

UNIT-V

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

NUTRITION AND DIETETICS (NRY402)

Placement – First Year **Time Allotted:** Theory - 45 Hrs
Practical – 15 Hrs

Course Description: This course is designed to provide the students with a wide knowledge of dietetics in Indian setting, that the practices of teaching optimum and realistic dietary planning can become an integral part of Nursing Practices.

COURSE CONTENTS

UNIT-I

- Introduction to nutrition and dietetics.
- Balanced diet, factors on which it depends.
- Factors to be considered in planning.
- Guidelines available for planning.
- Food hygiene, preparation and preservation.
- Review of nutrients – micro & macro.

UNIT-II

- Introduction to diet therapy.
- Routine hospital diets.
- Therapeutic diet under each unit i.e. Cardiovascular diseases, gastrointestinal diseases, renal disorders, endocrine and metabolic disorders, allergy, infections and fevers, pre and post operative stages, deficiency and malnutrition, overweight and underweight.

UNIT-III

- Infant and child nutrition.
- Feeding of normal infants: factors to be considered in planning nutritional requirements.
- Feeding of premature infants: factors to be considered in planning nutritional requirements.
- Supplementary feeding of infants: Advantage and method of introduction.
- Weaning, effects on mother and child.
- Psychology of infant and child feeding.

- Feeding the sick child. Diet in diseases of infancy and childhood.
- Deficiency states – Malnutrition and under nutrition.
- Feeding pre-school child: Nutritional needs, factors to be considered in planning diets. Problems in feeding.
- School lunch programme: Advantage, needs in India.

UNIT IV

- Community nutrition: need for community nutrition programme.
- Nutritional needs for special groups: infant, child, adolescent pregnant woman, lactating mother and old people.

UNIT V

- Substitute for non-vegetarian foods.
- Selection of cheap and nutritious foods. Nutrition education needs and methods.
- Methods of assessing nutritional status of individual / group / community.
- Current nutritional problems and national programmes.

PRACTICUM

I. Methods of cooking and cookery rules.

- Simple preparation of beverages, soups, cereals and pulses, eggs, vegetables, meat.
- Menu plans.

II. Preparation of supplementary food for infants.

- Food for toddlers.
- Low cost nutritious dishes for vulnerable groups.
- Dietary case study of patient on special diet planning of low cost dietary instructions for home adaptations.
- Planning of therapeutic diets.

BIOCHEMISTRY AND BIOPHYSICS (NRY403)

Placement – First Year **Time Allotted**

Section A (Biochemistry)-Theory 30 Hrs
Section B (Biophysics) -Theory 30 Hrs

Course Description: This course introduces the basic principles of Biochemistry and Biophysics related to Nursing.

SECTION A: Biochemistry

COURSE CONTENTS **Theory – 30 Hrs**

UNIT I

- Introduction: Importance of Biochemistry in Nursing.
- Study of cell and its various components.
- Water and Electrolytes: Water – Sources, property & functions in human body.
- Water and fluid balance.
- Electrolytes of human body, functions, sources.
- Enzymes
- Mechanism of action
- Factors affecting enzyme activity
- Diagnostic applications
- Precautions for handling specimen for enzyme estimation.
- Digestion and absorption of carbohydrates, proteins and fats.
- Various factors influencing the digestion and absorption, mal-absorption syndrome.

UNIT II

- Carbohydrates: Catabolism of carbohydrates of energy purpose.
- Mitrochondrial oxidation and oxidation phosphorylation.
- Fats of glucose in the body. Storage of glucose in the body, glycogenesis, glycogenolysis, and neoglucogenesis, blood glucose and its relgulation.
- Glucose tolerance test, hyperglycemia, glycemia.

- Protein: Amino Acids, hormones.
- Essential amino acids: Biosynthesis of protein in the cells.
- Role of nucleic acid in protein synthesis.
- Nitrogenous constituents of urine, blood, their origin – urea cycle, uric acid formation, gout.
- Plasma proteins and their functions.
- Fat: Biosynthesis of fats and storage of fats in the body.
- Role of liver in fat metabolism.
- Biological importance of important lipids and their function.
- Cholesterol and lipoprotein.
- Sources, occurrence and distribution.
- Blood level and metabolism.
- Ketone bodies and utilization.
- Inter relationship in metabolism and cellular control of metabolic processes.

SECTION B: Biophysics

COURSE CONTENTS **Theory – 30 Hrs**

UNIT III

- Introduction: Concepts of unit and measurements.
- Fundamental and derived units.
- Units of length, weight, mass, time.
- Vector and scalar motion, speed, velocity and acceleration.
- Gravity: specific gravity, centre of gravity, principles of gravity.
- Effect of gravitational forces on human body.
- Application of principles of gravity in Nursing.
- Force, work, energy: their units of measurement.
- Type and transformation of energy, forces of body, static forces.
- Principles of machines, friction and body mechanics.
- Simple mechanics – lever and body mechanics, pulley and traction, incline plane, screw.

- Application of these principles in Nursing.
- Heat: Nature, measurement, transfer of heat.
- Effects of heat on matter.
- Relative humidity, specific heat.
- Temperature scales.
- Regulation of body temperature.
- Use of heat for sterilization.
- Application of these principles in Nursing.

UNIT IV

- Light: Laws of reflection.
- Focusing elements of the eye, defective vision and correction, use of lenses.
- Relationship between energy, frequency and wavelength of light.
- Biological effects of light.
- Use of light in therapy.
- Application of these principles in Nursing.
- Pressure: Atmospheric pressure, hydrostatic pressure, osmotic pressure.
- Measurements of pressures in the body.
- Arterial and venous blood pressures.
- Ocular pressure.
- Intracranial pressure.
- Application of these principles in Nursing.
- Sound: Frequency, velocity and intensity.
- Vocalization and hearing.
- Use of ultrasound. Noise pollution and its prevention.
- Application of these principles in Nursing.

UNIT V

- Electricity and electromagnetism: Nature of electricity, voltage, current, resistance and their units.

- Flow of electricity in solids, electrolytes, gases and vacuum.
- Electricity and human body.
- ECG, EEG, EMG, ECT.
- Pace makers and defibrillation.
- Magnetism and electricity.
- M.R.I. scanning, C.A.T. scan.
- Atomic energy: Structure of atom, isotopes and isobars.
- Radioactivity: Use of radioactivity isotopes.
- Radiation protection units and limits, instruments used for detection of ionizing radiation. X Rays.
- Principles of electronics: Common electronic equipments used in patient care.

PRACTICUM

- Experiments and tests should be demonstrated wherever applicable.

PSYCHOLOGY (NRY404)

Placement – First Year **Time Allotted: - 60 Hrs**
Practical – 15 Hrs

Course Description: This course is designed to reorient and widen the student's knowledge of fundamentals of psychology. The student is offered an opportunity to apply the theoretical concepts in the clinical setting and thereby understand the psychodynamics of patient behaviors. This course would also help the student to develop an insight into her own behavior.

COURSE CONTENTS

UNIT I

- Introduction: Definition of psychology, scope and methods of psychology.
- Relationship with other subject.
- Sensation, Attention and perception: Definitions.
- Sensory processes: normal and abnormal.
- Attention and distraction: Contributory factors.
- Characteristics of perception, perception: normal and abnormal.
- Motivation: Definition and nature of motivation.
- Biological and social motives.
- Frustration and conflict.
- Self-actualization.

UNIT II

- Emotions: Definition of emotion, expression and perception.
- Emotions in sickness.
- Personality: Definition, constituents of personality.
- Personality in sickness and nursing.
- Psychological aspects of nursing.
- Behavioral and sickness. Psychological needs of:
- Child and adolescents

- Adult
- Aged
- Attendants
- Chronically ill individual.

UNIT III

- Individual differences.
- Significance of individual differences.
- Heredity and environment.
- Role of individual differences both in health and sickness.
- Implications of individual differences in nursing.
- Intelligence and abilities: Definition.
- Intelligence and abilities during sickness.
- Measurement of intelligence and abilities.

UNIT IV

- Learning: Definition, conditions of learning.
- Laws of learning.
- Learning during health and sickness.
- Memory and forgetting: Definition and nature of memory.
- Memory during health and sickness.
- Forgetting during health and sickness.

UNIT V

- Attitudes: Definition, development and modification.
- Role of attitudes in health and sickness.
- Concept of mental hygiene & mental health.
- Characteristics of a mentally healthy person.
- Defence mechanism.

PRACTICUM

1. Simple experiments on (i) Perception (ii) measuring thresholds (iii) reaction time.
2. Administration of psychological test.
3. Observation and recording data: (i) Field observation (ii) Interview (iii) Case study (iv) Self rating.

MICROBIOLOGY (NRY405)

Placement – First Year **Time Allotted Theory: - 60 Hrs**
Practical – 30 Hrs

Course Description: This course reorients the students to the fundamentals of Microbiology and its various sub-divisions. It provide opportunities to gain skill in handling and use of microscope for identifying various micro-organism. It also provides opportunities for safe handling of materials containing harmful bacteria and methods of destroying microorganism.

COURSE CONTENTS

UNIT I

- Structure and classification of microbes.
- Morphological types.
- Size and form of bacteria.
- Motility.
- Classification of micro-organism.
- Identification of micro-organism.
- Discussion of laboratory methods.
- Diagnosis of bacterial diseases.

Practical:

- Use and care of microbes.
- Common examination: Smear blood, module and yeasts.
- Staining techniques – gram staining, acid fast staining.
- Hanging drop preparation.

UNIT II

- Growth and nutrition of microbes.
- Temperature
- Moisture.
- Blood.

- Destruction of micro-organism.
- Sterilization and disinfection.
- Chemotherapy and antibiotics.
- Effects of heat and cold.
- Hospital infection control procedure & role of nurses.

Practical

- Preparation of media culture techniques.
- Collection, handling and transportation of various specimens.
- Sterilization methods – physical, chemical and mechanical.

UNIT III

- Disease producing micro-organism.
- Gram positive bacilli.
- Tuberculosis and leprosy.
- Anaerobes.
- Cocci.
- Spirochaete.
- Rickettsiae.
- Pathogenic Fungi.
- Dermatophytes.
- Systemic mycotic infection.
- Laboratory diagnosis of mycotic infection.

Practical:

- Identification and study of the following bacteria: streptococci, Pneumococci, staphylococci, corynebacteria, spirochetes and gonococci. Enteric bacteria, posting in infection control department.

UNIT IV

- Immunity.
- Immunity and hypersensitivity – skin test.

- Antigen and antibody reaction.
- Immunization in disease.
- Parasites and vectors.
- Characteristics and classification of parasites.
- Protozoal infection including amoebiasis.
- Helminthes infection.
- Diagnosis of parasitic infection.
- Vectors and diseases transmitted by them.

Practical:

- Demonstration of serological methods.
- Identification of parasites and vectors.

UNIT V

- Viruses.
- Classification and general character of viruses.
- Diseases caused by viruses in man and animal and their control.
- Micro-organisms transmitted through food.
- Food poisioning. Food borne infections.

PRACTICUM

Each student will practice in the laboratory as indicated in each unit of the courses outline.

While giving nursing care in the wards they will practice collection and processing of specimens, prevention and control of hospital infections, sterilization, immunization, chemotherapy and maintenance of personal and environmental hygiene. Observation visit to incinerator, posting in CSSD and infection control department.

MATERNAL NURSING (NRY406)

Placement – First Year **Time Allotted Theory: - 60 Hrs**
Practical – 240 Hrs

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 hynecological problems.

COURSE CONTENTS

UNIT I

- Introduction and historical review.
- Planned Parenthood.
- Maternal morbidity and mortality rates.
- Legislations related to maternity benefits, MTP acts, incentives for family planning etc.
- Review of the Anatomy & physiology of female reproductive system.
- Female pelvis (normal and contracted).
- Review of foetal development.

UNIT II

- 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.
- The new born body.
- Care of the baby at birth including resuscitation.
- Essential newborn care.
- Feeding.
- Jaundice and infection.

- Small and large for date babies.
- Intensive care of the new born.
- Trauma and hemorrhage.

UNIT III

- Management of abnormal pregnancy, labour and puerperium.
- Abortion, ectopic pregnancy and vesicular mole.
- Pregnancy included hypertension, gestational diabetes, anemia, 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.
- Pueperal sepsis.
- Past partum haemorrhage.
- Inversion and prolapsed of uterus, obstetrical emergencies.
- Obstetrical operation i.e. forceps, vacuum, episiotomy, caesarean section.

UNIT IV

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

UNIT V

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

PRACTICUM

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 & postnatal 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 diagnosis and therapeutic procedures including IUD insertion and removal.

CHILD HEALTH NURSING (NRY407)

Placement – First Year **Time Allotted Theory: - 60 Hrs**
Practical – 240 Hrs

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.

COURSE CONTENTS

UNIT 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 pediatric nurse in caring for a hospitalized child.
- Principles of pre and post operative care of infants and children.
- Pediatric nursing procedures.

UNIT 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.

UNIT III

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

UNIT IV

- Nursing management in common childhood disease.
- Nutritional deficiency disorders.
- Respiratory disorders and infections.
- Gastrointestinal infections, infestations and congenital disorders.
- Cardio vascular problem-congenital defects and rheumatic fever.
- Genito-urinary disorder – nephrotic 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 foot, hip dislocation and fracture.
- Disorders of skin eye and ear.
- Common communicable diseases in children, their identification, nursing management in hospital and home and prevention.
- Pediatric emergencies – poisoning, foreign bodies, hemorrhage, burns and drowning.

UNIT V

- Management of behavioural disorders in children.
- Management of challenged children.
- Mentally challenged.
- Physically challenged.
- Socially challenged.

PRACTICUM

The student will:

1. Be posted in pediatric medical and surgical wards, OPD in hospital, health centre and neonatal units.
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 operation.
13. Examination / assessment of a newborn.
14. Neonatal resuscitation.
15. Care of a baby in incubator.
16. Photo therapy.

17. Assist in exchange transfusion and other therapeutic procedures.

MEDICAL SURGICAL NURSING (NRY408)

Placement – First Year **Time Allotted Theory: - 90 Hrs**
Practical – 270 Hrs

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 & Physiology, Pathophysiology in medical surgical disorders and nursing management of these conditions.

COURSE CONTENTS

UNIT 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 unit.
- 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 illness
- Incontinence
- Nursing management of patient with neurological and neurosurgical conditions.
- Review of anatomy and physiology of the nervous system.

- Pathophysiology, diagnostic procedures and management of.
- Cerebro-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.

UNIT II

- Nursing management of patient with cardiovascular problems.
- Review of relevant Anatomy & Physiology of cardiovascular system.
- Pathophysiology, diagnostic procedures and management of:
- Ischemic Heart disease.
- 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 peripherovascular disorders, recent advancement in cardiology.
- Nursing management of patient with respiratory problems.
- Review of Anatomy & Physiology of respiratory system Pathophysiology, diagnostic procedures and management of upper respiratory tract infections:
- Bronchitis
- Asthma
- Emphysema, Emphyema, Atelectasis, COPD.
- Bronchiectasis

- Pneumonia
- Pulmonary tuberculosis
- Lung abscess
- Pleural effusion
- Tumors and cysts
- Chest injuries
- Respiratory arrest and insufficiency
- Pulmonary embolism
- Drugs used in the management of these patients
- Special respiratory therapies.

UNIT III

- Nursing management of patient with Genito-urinary problems.
- Review of Anatomy & 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.
- Nursing management of patients with problems of the digestive systems.
- Review of Anatomy & Physiology of gastrointestinal system and accessory organs.
- Pathophysiology, diagnostic procedures and management of:
- G.I. Bleeding
- Peptic ulcer
- Infections
- Acute abdomen

- Colitis, diarrhoea, dysentery & mal-absorption syndrome.
- Cholecystitis
- Hepatitis, hepatic coma and cirrhosis of liver.
- Portal hypertension
- Pancreatitits
- Tumors, Hernias, Fistulas, Hemorrhoids.
- Drugs used in the management of these patients.
- Nursing management of patient with endocrine problems.
- Review of Anatomy & Physiology and Pathophysiology of patients with:
- Thyroid disorders
- Diabetes mellitus
- Diabetes insipidus
- Adrenal Tumor
- Pituitary disorders
- Diagnostic procedures
- Nursing management of patient with above problems.
- Drug used in Endocrine problems.

- **UNIT IV**
- Nursing management of patients 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 patients with above problem.
- Prosthesis and Rehabilitation.

- Transplant & replacement surgeries.
- 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.,
- Climateric changes and associated problems.
- Nursing management of patients 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.
- Nursing management of patient with burns.
- Nursing management of patient with reconstructive surgeries.

UNIT V

- Nursing management of patient with common communicable diseases & STD's.
- Nursing management of patient with immunological disorders including HIV/AIDS.
- Nursing management of patient with diseases of eye, ear, nose, throat & skin.
- 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 of 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.
- Nursing in emergencies.
- Cardiac emergencies.
- Trauma.
- Poisoning
- Crisis management: Thyroid crisis, hypertensive crisis and Adrenal crisis.

PRACTICUM

1. Students should be rotated in the selected medical & surgical areas, like Cardio Thoracic, Neurology, Urology, Orthopedics, Genecology, Oncology, Burns and Reconstractive surgical units.
2. The students should be given patent 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.

ENGLISH (NRY409)

Placement – First Year **Time Allotted Theory: - 60 Hrs**

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

COURSE CONTENTS

UNIT I

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

UNIT II

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

UNIT III

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

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

UNIT IV

- Verbal communication.
- Oral reports.
- Summarizing of the 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.