

Duration

Course Duration	=	4 Years
Weeks available per year	=	52 weeks
Vacation	=	4 weeks annual vacation
Hours per week	=	36
Internship practical	=	48 hours per week

Course of instruction

First Year

Subject	Theory (In hrs) (Class and lab)	Practical (In hrs) (clinical)	(In hrs)
1. Hindi (Qualifying subject)	60		
1. * English (Qualifying subject)	60		
2. Anatomy	60		
3. Physiology	60		
4. Nutrition	60		
5. Biochemistry	30		
6. Nursing Foundations	265+200	450	
7. Psychology	60		
8. Microbiology	60		

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9. Introduction to Computers	45		50
11. Library work/Self Study			50
12. Co-curricular activities			100
Total Hours	930	450	100
Total Hours = 1480 hrs			

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* The course content and scheme of Examination of Paper-I and Paper-II will be of B.Sc. (Part-I) syllabus in force.

Second Year

Subject	Theory (In hrs) (Class and lab)	Practical (In hrs) (clinical)	In Hours
1. Sociology	60		
2. Pharmacology	45		
3. Pathology	30		
4. Genetics	15		
5. Medical-Surgical Nursing (Adult including geriatrics)-I	210	720	
6. Community Health Nursing-I	90	135	
7. Communication and Educational Technology	60+30		
8. Library work/Self Study			50
9. Co-curricular activities			35
Total Hours	540	855	85
Total Hours = 1480 hrs			

Third Year

Subject	Theory (In hrs) (Class and lab)	Practical (In hrs) (clinical)	In Hours
1. Medical-Surgical Nursing (Adult including geriatrics)-II	120	270	
2. Child Health Nursing	90	270	
3. Mental Health Nursing	90	270	
4. Midwifery and Obstetrical nursing	90	180	
5. Library work/Self Study			50
6. Co-curricular activities			50
Total Hours	390	990	100
Total Hours = 1480 hrs			

Fourth Year

Subject	Theory (In hrs) (Class and lab)	Practical (In hrs) (clinical)	In Hours
1. Midwifery and Obstetrical nursing		180	
2. Community Health Nursing-II	90	135	
3. Nursing Research & Statistics	45	*	
4. Management of Nursing Services and education	60 + 30		
Total Hours	225	315	
Total Hours = 540 Hrs			

** Project work to be carried out during internship*

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Intern-Ship (Integrated Practice)

Practical = 30 hours per week

Subject	Theory	Practical (In hrs)	In Weeks
1. Midwifery and Obstetrical nursing		240	5
2. Community Health Nursing-II		195	4
3. Medical Surgical Nursing (Adult and geriatric)		430	9
4. Child Health		145	3
5. Mental Health		95	2
6. Research Project		45	1
Total Hours		1150	24
Total : 1690 Hours			

Note:

1. Internship means 8 hours of integrated clinical duties in which 2 weeks of evening and night shift duties are included.
2. Internship should be carried out as 8 hours per day @ 48 hours per week.
3. Students during internship will be supervised by nursing teachers.
4. Fourth year final examination to be held only after completing internship.

Scheme of Examination**First Year**

Subject	Assessment			Total
	Hours	Internal	External	
Theory		20	80	100
1. Anatomy & Physiology	3			
2. Nutrition and Biochemistry	3	20	80	100

3. Nursing Foundations	3	20	80	100
4. Psychology	3	20	80	100
5. Microbiology	3	20	80	100
6. English	3	20	80	100
7. Introduction to Computer	3	20	80	100
8. Hindi	3	20	80	100
Practical and Viva Voce				
1. Nursing Foundations	3	20	80	100
		20	80	100
		50	100	150

Second Year

Subject	Assessment			Total
	Hours	Internal	External	
Theory				
9. Sociology	3	20	80	100
10. Medical-Surgical Nursing-I	3	20	80	100
11. Pharmacology, pathology, genetics	3	20	80	100
12. Community Health Nursing-1	3	20	80	100
13. Communication and Educational Technology	3	20	80	100
Practical & Viva Voce				
2. Medical-Surgical Nursing-1		20	80	100
		50	100	150

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Third Year

Subject	Assessment			Total
	Hours	Internal	External	
Theory				
14. Medical-Surgical Nursing-II	3	20	80	100
15. Child Health Nursing	3	20	80	100
16. Mental Health Nursing	3	20	80	100
Practical & Viva Voce				
3. Medical-Surgical Nursing-II		50	100	150
4. Child Health Nursing		50	100	150
5. Mental Health Nursing		50	100	150

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Fourth Year

Subject	Assessment			Total
	Hours	Internal	External	
Theory				
17. Midwifery and Obstetrical nursing	3	20	80	100
18. Community Health Nursing-II	3	20	80	100
18. Nursing Research & Statistics	3	20	80	100
20. Management of Nursing Services and education	3	20	80	100
Practical & Viva Voce				
6. Midwifery and Obstetrical nursing	3	50	100	150
7. Community Health Nursing II	3	50	100	150

Note:

1. Anatomy and Physiology-Question paper will consist of Section A Anatomy of 40 marks and B Physiology should be of 40 marks.
2. Nutrition and Biochemistry Question paper will consist of Section A Nutrition of 40 marks and Section B of Biochemistry of 40 marks.
3. Pharmacology, genetics, pathology: Section A of Pharmacology with 40 marks, Section B of Pathology of 30 and Sec. C Genetics with 10 marks.
4. Nursing Research & Statistics-Nursing Research should be of 50 marks and Statistics of 30 marks.
5. Theory and Practical exams for introduction to computer to be conducted as College exam and marks to be sent to the University for inclusion in the marks sheet.
6. Minimum pass marks shall be 50% in each of the theory and practical papers separately. Except Hindi and English where the base marks is 40%.
7. A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory and practical in each paper for appearing for examination.
8. A candidate must have 100% attendance in each of the practical areas before award of degree.
9. A candidate has to pass in theory and practical exam separately in each of the paper.
10. If a candidate fails in either theory or practically of a paper he/she has to re-appear for both the papers (Theory and Practical).
11. Maximum number of attempts permitted for each paper is 3 including first attempt.
12. A candidate failing in more than two subjects will not be promoted to the next year.
13. The maximum period to complete the course successfully should not exceed 8 years.
14. All practical examinations must be held in the respective clinical areas.
15. One internal and One external examiners should jointly conduct practical examination for each student.
16. An examiner should be a lecturer or above in a college of nursing with M.Sc. (N) in concerned subject and minimum of 3 years of teaching experience. To be an examiner for nursing foundations course faculty having M.Sc (N) with any speciality shall be considered.

English

Time: Theory-60 Hours

Placement- First Year

Course Description: The Course is designed*

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	10	<ul style="list-style-type: none"> • Building • Phonetics • Public speaking 	<ul style="list-style-type: none"> • Conservation • Exercise on use of Grammar • Practice in public speaking 	<ul style="list-style-type: none"> • Objective Type • Fill in the blanks • Para phrasing
II	30	<ul style="list-style-type: none"> • Develop ability to read, understand and express meaningfully, the prescribed text 	<ul style="list-style-type: none"> • Read and comprehend prescribed course books 	<ul style="list-style-type: none"> • Exercise on: • Reading • Summarizing • Comprehension 	<ul style="list-style-type: none"> • Short Answers • Essay Type
III	10	<ul style="list-style-type: none"> • Develop writing skills 	<ul style="list-style-type: none"> • Various forms of composition • Letter writing • Note taking • Precise writing 	<ul style="list-style-type: none"> • Exercises on writing • Letter writing • Nurses Notes • Precise • Diary 	<ul style="list-style-type: none"> • Assessment of the skill based on the check list

			<ul style="list-style-type: none"> • Nurses notes • Aneedotal records • Diary writing • Reports on health problems etc. • Resume/CV 	<ul style="list-style-type: none"> • Anecdote • Health problems • Story writing • Resume/CV • Essay writing • Discussion on written reports/documents 	
IV	6	<ul style="list-style-type: none"> • Develop skill in spoken English 	Spoken English <ul style="list-style-type: none"> • Oral report • Discussion • Debate • Telephonic conversation 	<ul style="list-style-type: none"> • Exercise on: • Debating • Participating in seminar, panel, symposium • Telephonic conversation 	<ul style="list-style-type: none"> • Assessment of the skill based on check list
V	4	<ul style="list-style-type: none"> • Develop skill in listening comprehension 	Listening comprehension <ul style="list-style-type: none"> • Media, audio, video, speeches etc. 	<ul style="list-style-type: none"> • Exercise on: • Listening to audio, video tapes and identify the key points 	<ul style="list-style-type: none"> • Assessment of the skills based on the check list

* To enable students to enhance ability to comprehend spoken & written English (and use English) required of effective communication in their professional work. Students will practice their skills in verbal and written English during clinical & classroom experiences.

** The Prescribed course books will be same as that of B.Sc. (Part-I) Syllabus in force.

Anatomy

Placement- First Year

Time: Theory-60 Hours

Course Description: The Course is designed to enable students to acquire knowledge of the normal structure of various human body systems and understand the alterations in anatomical structure in disease and practice of nursing.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	5	<ul style="list-style-type: none"> • Describe the anatomical terms, organization of human body and structure of cell, tissues, membranes and glands 	Introduction to Anatomical terms organization of the human body <ul style="list-style-type: none"> • Human Cell structure • Tissues- Definition, types, characteristics, classification, location, functions and formation • Membranes and glands- classification and structure • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, microscopic slides, skeleton & torso • Demonstrate cells, types of tissues membranes and glands • Record book 	<ul style="list-style-type: none"> • Short answers questions • Objective type

II	6	<ul style="list-style-type: none"> Describe the structure & function of bones and joints 	The Skeletal System <ul style="list-style-type: none"> Bones-types, structure, Axial & Appendicular Skeleton Bone formation and growth Description of bones Joints- classification and structure Alterations in disease Applications and Implications in nursing 	<ul style="list-style-type: none"> Lecture discussion Explain using charts, skeleton, loose bones, and joints Record book 	<ul style="list-style-type: none"> Short answers questions Objective type
III	7	<ul style="list-style-type: none"> Describe the structure and function of muscles 	The Muscular System <ul style="list-style-type: none"> Types and structure of muscles Muscle groups Alterations in disease Applications and Implications in nursing 1 	<ul style="list-style-type: none"> Lecture discussion Explain using charts, model and films Demonstrate muscular movements Record book 	<ul style="list-style-type: none"> Short answers questions Objective type
IV	6	<ul style="list-style-type: none"> Describe the structure & function of nervous system 	<ul style="list-style-type: none"> The Nervous System Structure of neurologia & neurons Somatic Nervous system Structure of brain, spinal 	<ul style="list-style-type: none"> Lecture discussion Explain using models, charts, slides, specimens 	<ul style="list-style-type: none"> Short answers questions Objective type

			<ul style="list-style-type: none"> chord, cranial nerves, spinal nerves, peripheral nerves Automatic nervous system-sympathetic, parasympathetic Structure, location Alterations in disease Applications and Implications in nursing 	<ul style="list-style-type: none"> Record book 	
V	6	<ul style="list-style-type: none"> Explain the structure & functions of sensory organs 	The Sensory Organs <ul style="list-style-type: none"> Structure of skin, eye, ear, nose, tongue, (Auditory and olfactory apparatus) Alterations in disease Applications and Implications in nursing 	<ul style="list-style-type: none"> Lecture discussion Explain using models, charts, slides, specimens Record book 	<ul style="list-style-type: none"> Short answers questions Objective type
VI	7	<ul style="list-style-type: none"> Describe the structure & function of circulatory and lymphatic system 	Circulatory and lymphatic system <ul style="list-style-type: none"> The circulatory system Blood- Microscopic structure Structure of heart Structure of blood vessels- Arterial & Venous System -Circulation: systematic, pulmonary, coronary 	<ul style="list-style-type: none"> Lecture discussion Explain using models, charts, slides, specimens Record book 	<ul style="list-style-type: none"> Short answers questions Objective type

			<ul style="list-style-type: none"> • Lymphatic system • -Lymphatic vessels and lymph • -Lymphatic tissues • -thymus gland • -Lymph nodes • -Spleen • -Lymphatic nodules • Alterations in disease • Applications and Implications in nursing 		
VII	5	<ul style="list-style-type: none"> • Describe the structure & function of respiratory system 	The Respiratory system <ul style="list-style-type: none"> • Structure of the organs of respiration • Muscles of respiration: Intercostals and Diaphragm • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Lecture discussion • Explain using models; torso, charts, slides, specimens • Record book 	<ul style="list-style-type: none"> • Short answers questions • Objective type
VIII	6	<ul style="list-style-type: none"> • Describe the structure & function of digestive system 	The Digestive System <ul style="list-style-type: none"> • Structure of Alimentary tract and accessory organs of digestion • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Lecture discussion • Explain using models, torso, charts, slides, specimens • Record book 	<ul style="list-style-type: none"> • Short answers questions • Objective type

IX	4	<ul style="list-style-type: none"> • Describe the structure & function of excretory system 	The Excretory System (Urinary) <ul style="list-style-type: none"> • Structure of organs of urinary System: kidney, ureters, urinary bladder, urethra, structure of skin • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Lecture discussion • Explain using models, torso, charts, slides, specimens • Record book 	<ul style="list-style-type: none"> • Short answers questions • Objective type
X	4	<ul style="list-style-type: none"> • Describe the structure & function of endocrine system 	The Endocrine System <ul style="list-style-type: none"> • Structure of Pituitary, Pancreas, thyroid, Parathyroid, thymus and adrenal glands • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Lecture discussion • Explain using models, torso, charts, slides, specimens • Record book 	<ul style="list-style-type: none"> • Short answers questions • Objective type
XI	4	<ul style="list-style-type: none"> • Describe the structure & function of reproductive system 	The Reproductive system including breast <ul style="list-style-type: none"> • Structure of female reproductive organs • Structure of male reproductive organs • Structure of breast • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Lecture discussion • Explain using models, torso, charts, slides, specimens • Record book 	<ul style="list-style-type: none"> • Short answers questions • Objective type

Physiology

Placement- First Year

Time: Theory-60 Hours

Course Description: The Course is designed to assist the students to acquire knowledge of the normal physiology of various human body systems and understand the alterations in physiology in disease and practice of nursing.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	4	<ul style="list-style-type: none"> Describe the physiology of cell, tissues, membranes and glands 	Cell Physiology <ul style="list-style-type: none"> Tissue-formation, repair Membrane & glands- functions Alterations in disease Applications and Implications in nursing 	<ul style="list-style-type: none"> Lecture discussion 	<ul style="list-style-type: none"> Short answers questions Objective type
II	4	<ul style="list-style-type: none"> Describe the bone formation and growth and movements of skeleton system 	Skeletal System <ul style="list-style-type: none"> Bone formation & growth Bones-functions and movements of bones of axial and appendicular skeleton, bone healing Joints and joint movement Alterations in disease Applications and Implications in nursing 	<ul style="list-style-type: none"> Lecture discussion Explain using charts, models and films Demonstration of joint movements 	<ul style="list-style-type: none"> Short answers questions Objective type

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III	4	<ul style="list-style-type: none"> Describe the muscle movements and tone & demonstrate muscle contraction & tone 	Muscular System <ul style="list-style-type: none"> Muscle movements, muscle tone, physiology of muscle contraction, levels and maintenance of posture Alterations in disease Applications and Implications in nursing 	<ul style="list-style-type: none"> Lecture discussion Explain using charts, models slides, specimen and films Demonstration of muscle movements, tone and contraction 	<ul style="list-style-type: none"> Short answers questions Objective type
IV	7	<ul style="list-style-type: none"> Describe the physiology of nerve stimulus, reflexes, brain, cranial and spinal nerves Demonstrate reflex action and stimulus 	Nervous System <ul style="list-style-type: none"> Functions of Neurologia & neurons Stimulus & nerve-impulse-definitions and mechanism Functions of brain, spinal cord, cranial and spinal nerves Cerebrospinal fluid-Composition, circulation and function Reflex arc, Reflex action and reflexes Automatic functions- Pain, somatic, visceral and referred 	<ul style="list-style-type: none"> Lecture discussion Explain using charts, models and films Demonstration nerve stimulus, reflex action, reflexes 	<ul style="list-style-type: none"> Short answers questions Objective type

Nursing

			<ul style="list-style-type: none"> - Automatic learning and biofeedback • Alterations in disease • Applications and Implications in nursing 		
V	8	<ul style="list-style-type: none"> • Describe the physiology of blood and functions of heart • Demonstrate blood cell count, coagulation, grouping, Hb: BP and Pulse monitoring 	Circulatory System <ul style="list-style-type: none"> • Blood formation, composition, blood groups, blood coagulation • Hemoglobin: Structure, Synthesis and breakdown, variation of molecules, estimation • Functions of Heart, Conduction, Cardiac cycle, circulation-Principles, control, factors influencing BP and Pulse • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, films • Demonstration of Blood cell count, coagulation, grouping, Haemoglobin estimation, heart conduction system • Measurement of pulse, BP 	<ul style="list-style-type: none"> • Short answers questions • Objective type
VI	6	<ul style="list-style-type: none"> • Describe the physiology and mechanisms of 	The Respiratory System <ul style="list-style-type: none"> • Functions of respiratory organs • Physiology of respiration 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, films 	<ul style="list-style-type: none"> • Short answers questions

		<ul style="list-style-type: none"> respiration • Demonstrates spirometry 	<ul style="list-style-type: none"> • Pulmonary ventilation, volume • Mechanics of respiration • Gaseous exchange in lungs • Carriage of oxygen & carbon-dioxide • Exchange of gases in tissues • Regulation of respiration • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Demonstration of spirometry 	<ul style="list-style-type: none"> • Objective type
VII	6	<ul style="list-style-type: none"> • Describe the physiology of digestive system • Demonstrates BMR 	The Digestive System <ul style="list-style-type: none"> • Functions of organs of digestive tract. Movements of alimentary tract, digestion in mouth, stomach, small intestines, large intestines, absorption of food. Functions of liver, bladder and pancreas • Metabolism of carbohydrates, protein and fat 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, films 	<ul style="list-style-type: none"> • Short answers questions • Objective type
VIII	5	<ul style="list-style-type: none"> • Describe the physiology of excretory system 	The Excretory System <ul style="list-style-type: none"> • Functions of kidneys, ureters, urinary bladder & urethra • composition of urine 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, films 	<ul style="list-style-type: none"> • Short answers questions • Objective

			<ul style="list-style-type: none"> • Mechanism of urine formation • Functions of skin • Regulation of body temperature • Fluid and electrolyte balance. • Alterations in disease • Applications and Implications in nursing 		type
IX	4	<ul style="list-style-type: none"> • Describe the physiology of sensory organs 	<ul style="list-style-type: none"> • The Sensory Organs • Functions of skin, eye, ear, nose, tongue • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, films 	<ul style="list-style-type: none"> • Short answers questions • Objective type
X	5	<ul style="list-style-type: none"> • Describe the physiology of endocrine glands 	<ul style="list-style-type: none"> • The Endocrine System • Functions of Pituitary, pineal body, thymus, thyroid, parathyroid, pancreas, suprarenal, Placenta and ovaries & Testes • Alterations in disease • Applications and Implications in nursing 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, films • Demonstration of BMR 	<ul style="list-style-type: none"> • Short answers questions • Objective type
XI	5	<ul style="list-style-type: none"> • Describe the physiology of 	<ul style="list-style-type: none"> • The Reproductive System • Reproduction of cells-DNA 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, 	<ul style="list-style-type: none"> • Short answers

		male and female reproductive system	<ul style="list-style-type: none"> • Mitosis, Meiosis, spermatogenesis, oogenesis. • Functions of female reproductive organs; Functions of breast, Female sexual cycle • Introduction to embryology. • Functions of male reproductive organs, male functions in reproduction, male fertility system • Alterations in disease • Applications and Implications in nursing 	films, models, specimens	<ul style="list-style-type: none"> • questions • Objective type
XII	2	<ul style="list-style-type: none"> • Describe the physiology of Lymphatic and Immunological system 	<ul style="list-style-type: none"> • Lymphatic and Immunological system • Circulation of lymph • Immunity • Formation of T-Cells and B cells - Types of Immune response • Antigens - Cytokines • Antibodies 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, films 	<ul style="list-style-type: none"> • Short answers questions • Objective type

Nutrition

Placement- First Year

Time: Theory-60 Hours

Course Description: The Course is designed to assist the students to acquire knowledge of nutrition for maintenance of optimum health at different stages of life and its application for practice of nursing.

Unit	Time (Hrs) Th.	Pr.	Learning objectives	Content	Teaching Learning Activities	Evaluation
I	4		<ul style="list-style-type: none"> Describe the relationship between nutrition & health 	Introduction <ul style="list-style-type: none"> Nutrition -Histoary -Concepts Role of nutrition in maintaining health Nutritional problems in India National nutritional policy Factors affecting food and nutrition: socio-economic, cultural, tradition, production, system of distribution, life style and food habits etc 	<ul style="list-style-type: none"> Lecture discussion Explaining using charts Panel discussion 	<ul style="list-style-type: none"> Short answers Objective type

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				<ul style="list-style-type: none"> Role of food and its medicinal value Classification of foods Food standards Elements of nutrition: macro and micro Calorie, BMR 		
II	2		<ul style="list-style-type: none"> Describe the classification, functions, sources and recommended daily allowances (RDA) of carbohydrates 	Carbohydrates <ul style="list-style-type: none"> Classification Caloric value Recommended daily allowances Dietary sources Functions Digestion, absorption and storage, metabolism of carbohydrates Malnutrition: Deficiencies and over consumption 	<ul style="list-style-type: none"> Lecture discussion Explaining using charts 	<ul style="list-style-type: none"> Short answers Objective type
III	2		<ul style="list-style-type: none"> Describe the classification, functions, sources and recommended 	Fats <ul style="list-style-type: none"> Classification 	<ul style="list-style-type: none"> Lecture discussion Explaining using charts 	<ul style="list-style-type: none"> Short answers Objective type

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			daily allowances (RDA) of fats	<ul style="list-style-type: none"> • Recommended daily allowances • Dietary sources • Functions • Digestion, absorption and storage, metabolism • Malnutrition: Deficiencies and over consumption 		
IV	2		<ul style="list-style-type: none"> • Describe the classification, functions, sources and recommended daily allowances (RDA) of Proteins 	Proteins <ul style="list-style-type: none"> • Classification • Caloric value • Recommended daily allowances • Dietary sources • Functions • Digestion, absorption and storage, metabolism • Malnutrition: Deficiencies and over consumption 	<ul style="list-style-type: none"> • Lecture discussion • Explaining using charts 	<ul style="list-style-type: none"> • Short answers • Objective type
V	3		<ul style="list-style-type: none"> • Describe the daily calorie requirement for 	Energy <ul style="list-style-type: none"> • Unit of Energy-Kcal 	<ul style="list-style-type: none"> • Lecture discussion • Explaining 	<ul style="list-style-type: none"> • Short answers • Objective type

			different categories of people	<ul style="list-style-type: none"> • Energy requirements of different categories of people. • Measurements of energy. • Body mass Index (BMI) and basic metabolism • Basal Metabolic rate (BMR) – determination and factors affecting 	using charts <ul style="list-style-type: none"> • Exercise • Demonstration 	
VI	4		<ul style="list-style-type: none"> • Describe the classification, functions, sources and recommended daily allowances (RDA) of Vitamins 	Vitamins <ul style="list-style-type: none"> • Classification • Recommended daily allowances • Dietary sources • Functions • Absorption, synthesis, metabolism storage and excretion • Deficiencies • Hypervitaminosis 	<ul style="list-style-type: none"> • Lecture discussion • Explaining using charts 	<ul style="list-style-type: none"> • Short answers • Objective type
VII	4		<ul style="list-style-type: none"> • Describe the classification, functions, sources and recommended 	Minerals <ul style="list-style-type: none"> • Classification • Recommended daily allowances 	<ul style="list-style-type: none"> • Lecture discussion • Explaining using charts 	<ul style="list-style-type: none"> • Short answers • Objective type

			daily allowances (RDA) of Minerals	<ul style="list-style-type: none"> • Dietary sources • Functions • Absorption, synthesis, metabolism storage and excretion • Deficiencies • Over consumption and toxicity 		
VIII	3		<ul style="list-style-type: none"> • Describe the sources, functions and requirements of water & electrolytes 	Water & electrolytes <ul style="list-style-type: none"> • Water: Daily requirements, regulation of water metabolism, distribution of body water. • Electrolytes: types, sources, composition of body fluids • Maintenance of fluid & electrolyte balance • Over hydration, dehydration and water intoxication • Electrolyte imbalances 	<ul style="list-style-type: none"> • Lecture discussion • Explaining using charts 	<ul style="list-style-type: none"> • Short answers • Objective type
IX	5	15	<ul style="list-style-type: none"> • Describe the cookery rules and preservation of nutrients 	Cookery rules and preservation of nutrients <ul style="list-style-type: none"> • Principles, methods of cooking and serving 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session 	<ul style="list-style-type: none"> • Short answers • Objective type • Assessment of practice sessions

			<ul style="list-style-type: none"> • Prepare and serve sample beverages and different types of foods 	<ul style="list-style-type: none"> • -Preservation of nutrients • Safe food handling-toxicity • Storage of food • Food preservation, food additives and its principles • Prevention of food adulteration act (PFA) • Food standards • Preparation of simple beverages and different types of food 		
X	7	5	<ul style="list-style-type: none"> • Describe and plan balanced diet for different categories of people 	Balanced diet <ul style="list-style-type: none"> • Elements • Food groups • Recommended daily allowance • Nutritive value of foods • Calculation of balanced diet for different categories of people • Planning menu • Budgeting of food • Introduction to therapeutic diets: naturopathy-diet 	<ul style="list-style-type: none"> • Lecture discussion • Explaining using charts • Practice session • Meal planning 	<ul style="list-style-type: none"> • Short answers • Objective type • Exercise on menu planning

XI	4	<ul style="list-style-type: none"> Describe various national programmes related to nutrition Describe the role of nurse in assessment of nutritional status and nutrition education 	Role of nurse in nutritional programmes <ul style="list-style-type: none"> National programmes related to nutrition <ul style="list-style-type: none"> -Vitamin A deficiency programme -National iodine deficiency disorders (IDD) programme -Mid-day meal programme -Integrated child development scheme (ICDS) National and International agencies working towards food/nutrition <ul style="list-style-type: none"> -NIPCCD, CARE, FAO, NIN, CFTRI (Central Food technology and research institute) etc Assessment of nutritional status Nutrition education and role of nurse 	<ul style="list-style-type: none"> Lecture discussion Explaining with Slide/Film shows Demonstration of assessment of nutritional status 	<ul style="list-style-type: none"> Short answers Objective type
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Basic B.Sc. Nursing

Biochemistry

Time: Theory-30 Hours

Placement- First Year

Course Description: The Course is designed to assist the students to acquire knowledge of the normal biochemical composition and functioning of human body and understand the alterations in biochemistry in diseases for practice of nursing.

Unit	Time (Hrs)	Objectives	Content	Teaching Learning Activities	Assessment methods
I	3	<ul style="list-style-type: none"> Describe the structure composition and functions of cell Differentiate between Prokaryote and Eukaryote cell Identify techniques of microscopy 	Introduction <ul style="list-style-type: none"> Definition & significance in nursing Review of structure, composition and functions of cell Prokaryote and Eukaryote cell organization Microscopy 	<ul style="list-style-type: none"> Lecture discussion using charts, slides Demonstrate use of microscope 	<ul style="list-style-type: none"> short answer questions Objective type
II	6	<ul style="list-style-type: none"> Describe the structure and functions of cell membrane 	Structure and functions of cell membrane <ul style="list-style-type: none"> Fluid mosaic model tight junctions, cytoskeleton Transport mechanism-diffusion, 	<ul style="list-style-type: none"> Lecture discussion 	<ul style="list-style-type: none"> Short answer question Objective type

Basic B.Sc. Nursing

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			<p>osmosis, filtration, active channel, sodium pump</p> <ul style="list-style-type: none"> • Acid base balance –maintenacne & diagnostic tests - Ph buffers 		
III	6	<ul style="list-style-type: none"> • Explain the metabolism of carbohydrates 	<p>Composition and metabolism of Carbohydrates</p> <ul style="list-style-type: none"> • Types, structure, composition and uses -Monosaccharides, Disaccharides, Polysaccharides, Oligosaccharides • Metabolism -Pathways of glucose -Glycolysis Gluconeogenesis: Cori's cycle, Tricarboxylic acid (TCA) cycle -Glycogenolysis -Pentose phosphate pathways (Hexose monophosphate) Regulation of blood glucose levels • Investigations and their interpretations 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration of blood glucose monitoring 	<ul style="list-style-type: none"> • Short answer question • Objective type

IV	4	<ul style="list-style-type: none"> • Explain the metabolism of lipids 	<p>Composition & metabolism of lipids</p> <ul style="list-style-type: none"> • Types, structure, composition and uses of fatty acids -Nomenclature, roles and prostaglandins • .Metabolism of fatty acid -Breakdown -Synthesis • Metabolism of triacylglycerols • Cholesterol metabolism -Biosynthesis and its regulation -Bile salts and bilirubin -Vitamin D -Steroid hormones • Lipoproteins and their functions -VLDLs-IDLs, LDLs and HDLs -Transport of lipids -Atherosclerosis • Investigations and their interpretations 	<ul style="list-style-type: none"> • Lecture discussion using charts • Demonstration of laboratory tests 	<ul style="list-style-type: none"> • Short answer question • Objective type
V	6	<ul style="list-style-type: none"> • Explain the metabolism of 	<p>Composition & metabolism of Amino acid & Proteins</p>	<ul style="list-style-type: none"> • Lecture discussion using charts 	<ul style="list-style-type: none"> • Short answer question

		amino acids and proteins	<ul style="list-style-type: none"> • Types, structure, composition and uses of amino acids and proteins • Metabolism of amino acids and proteins <ul style="list-style-type: none"> -Protein synthesis, targeting and glycosylation -Chromatography • Electrophoresis <ul style="list-style-type: none"> -Sequencing • Metabolism of nitrogen <ul style="list-style-type: none"> -Fixation and Assimilation -Urea cycle -Hemes and chlorophylls • Enzymes and co-enzymes <ul style="list-style-type: none"> -Classification -Properties -Kinetics and inhibition -Control • Investigations and their interpretations 	<ul style="list-style-type: none"> • Demonstration of laboratory tests 	<ul style="list-style-type: none"> • Objective type
VI	2	<ul style="list-style-type: none"> • Describe types, composition and utilization of vitamins & minerals 	Composition of Vitamins and minerals <ul style="list-style-type: none"> • Vitamins and minerals: <ul style="list-style-type: none"> -Structure 	<ul style="list-style-type: none"> • Lecture discussion using charts • Demonstration of laboratory tests 	<ul style="list-style-type: none"> • Short answer question • Objective type

		minerals	<ul style="list-style-type: none"> -Classification -Properties -Absorption -Storage & transportation - Normal concentration investigations and their interpretations		deformities
VII	3	<ul style="list-style-type: none"> • Describe Immuno-chemistry 	Immunochemistry <ul style="list-style-type: none"> -Immuno -Classification of Immunoglobins -Mechanisms of antibody production -Applying -Antioxidants specialised protein; collagen, elastin, keratin, Myosin, Lens proteins • Electrophoretic and quantitative determination of immunoglobins <ul style="list-style-type: none"> -ELISA etc. • Investigation and their interpretations 	<ul style="list-style-type: none"> • Lecture discussion using charts • Demonstration of laboratory tests 	<ul style="list-style-type: none"> • Short answer question • Objective type

Nursing Foundations

Placement- First Year
Practical – 650 hours

Time: Theory-265 Hours
(200 lab and 450 clinical)

Course Description: The Course is designed to help the students to develop an understanding of the philosophy, objectives, theories and process of nursing in various supervised clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in Supervised Clinical settings.

Unit	Time (Hrs)	Objectives	Content	Teaching Learning Activities	Assessment methods
I	10	<ul style="list-style-type: none"> Describe the concept of health, illness and health care agencies 	Introduction <ul style="list-style-type: none"> Concepts of Health: Health-Illness continuum Factors influencing health Causes and risk factors for developing illness Body defences: Immunity and immunization Illness and illness Behaviour: Impact of illness on patient and family Health care services, Health promotion and prevention, primary care, diagnosis, treatment, 	<ul style="list-style-type: none"> Lecture Discussion Visit to health care agencies 	<ul style="list-style-type: none"> Essay type Short answers Objective type

			<ul style="list-style-type: none"> rehabilitation and continuing care Health care teams Types of health care agencies: Hospitals: Types, Organisation and Functions Health promotion and levels of disease prevention Primary Health care and its delivery: Role of nurse 		
II	16	<ul style="list-style-type: none"> Explain concept and scope of nursing Describe values, code of ethics and professional conduct for nurses in India 	Nursing as a profession <ul style="list-style-type: none"> Definitions and characteristics of a profession Nursing <ul style="list-style-type: none"> -Definition, concepts, philosophy, objectives -Characteristics, nature and scope of nursing practice -Functions of nurse -Qualities of a nurse -Categories of nursing personnel -Nursing as a profession -History of Nursing in India Values: Definition, types, values clarification and values in 	<ul style="list-style-type: none"> Lecture Discussion Case discussion Role plays 	<ul style="list-style-type: none"> Essay type Short answers Objective type

			professional nursing: caring and advocacy • Ethics: • Definitions and Ethical Principles -Code of ethics and professional conduct for nurses		
III	4	• Explain the admission and discharge procedures • Performs admission and discharge procedure	Hospital admission and discharge • Admission to the hospital -Unit and its preparations admission bed • Admission procedure • Special considerations -Medico-legal issues -Roles and responsibilities of the nurse • Discharge from the hospital -Types: Planned discharge, LAMA and abscond, referrals and transfers -Discharge planning -Discharge procedure -Special considerations -Medico-legal issues -Roles and responsibilities of the nurse -Care of the unit after discharge	• Lecture Discussion • Demonstration • Lab Practice • Supervised • Clinical practice	• Essay type • Short answers • Objective type • Assess skills with checklist • Clinical practical examination

IV	10	• Communicate effectively with patient, families and team members and maintain effective human relations (projecting professional image) • Appreciate the importance of patient teaching in nursing	Communication and Nurse patient relationship • Communication: levels, Elements, Types, Modes, Process, Factors influencing communication -Methods of effective communication. -Attending skills -Rapport building skills -Empathy skills -Barriers to effective communication -Helping relationships (NPR): Dimensions of helping relationships, phases of a helping relationship • Communicating effectively with patient, families and team members and maintain effective human relations with special reference to communicating with vulnerable groups (children, women, physically and mentally challenged and elderly)	• Lecture Discussion • Role play and video film on the nurses interacting with the patient • Practice session on patient teaching • Supervised Clinical practice	• Essay type • Short answers • Objective type
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			<ul style="list-style-type: none"> • Patient teaching: Importance, purposes, process, role of nurse and integrating teaching in nursing process 		
V	15	<ul style="list-style-type: none"> • Explain the concept, uses, format and steps of nursing process • Documents nursing process as per the format 	<p>The Nursing Process</p> <ul style="list-style-type: none"> • Critical thinking and nursing judgment <ul style="list-style-type: none"> -Critical Thinking: Thinking and learning -Competencies, attitudes for critical thinking, levels of critical thinking in nursing • Nursing process overview: • Application in Practice <ul style="list-style-type: none"> -Nursing process format: INC, Current format -Assessment -Collection of Data: Types, sources, methods -Formulating nursing judgment: Data interpretation • Nursing diagnosis <ul style="list-style-type: none"> -Identification of client problems 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Exercise • Supervised • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type

			<ul style="list-style-type: none"> • Nursing diagnosis statement <ul style="list-style-type: none"> -Difference between medical and nursing diagnosis -Planning -Establishing Priorities • Establishing goals and expected outcomes <ul style="list-style-type: none"> -Selection of interventions Protocols and standing orders -Writing the nursing care plan -Implementation -Implementing the plan of care -Evaluation -Outcome of care -Review and modify -Documentation and reporting 		
VI	4	<ul style="list-style-type: none"> • Describe the purposes, types and techniques of recording and reporting 	<p>Documentation and Reporting</p> <ul style="list-style-type: none"> • Documentation: Purposes of recording and reporting • Communication within the health care team • Types of records: ward, records, medical/nursing records. 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Practice Session • Supervised • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type

			<ul style="list-style-type: none"> • Common record-keeping forms, computerized documentation • Guidelines for reporting: Factual Basis, Accuracy, Completeness, currentness, Organization, confidentiality • Methods of recording • Reporting: Change-of shift reports: Transfer reports, incident reports • Minimizing legal liability through effective record keeping 		
VII	15	<ul style="list-style-type: none"> • Describe principles and techniques of monitoring and maintaining vital signs • Monitor and maintain vital signs 	Vital signs <ul style="list-style-type: none"> • Guidelines for taking vital signs: • Body temperature: <ul style="list-style-type: none"> -Physiology, Regulation, factors affecting body temperature. -Assessment of body temperature: sites, equipments and technique, special considerations -Temperature alterations: • Hyperthermia, Heatstroke, Hypothermia <ul style="list-style-type: none"> -Hot and cold applications 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Practice • Supervised • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assess with checklist and clinical practical examination

			<ul style="list-style-type: none"> • Pulse: <ul style="list-style-type: none"> -Physiology and regulation, characteristics of the pulse, factors affecting pulse -Assessment of pulse: sites, location, equipments and techniques, special considerations -Alterations in pulse: • Respiration <ul style="list-style-type: none"> -Physiology and regulation, mechanism of breathing, characteristics of the respiration, factors affecting respiration -Assessment of respirations: technique, special considerations -Alterations in respiration • Blood pressure <ul style="list-style-type: none"> -Physiology and regulation, characteristics of the blood pressure, factors affecting blood pressure -Assessment of blood pressure: sites, equipments and techniques, special considerations 		
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			<ul style="list-style-type: none"> -Alterations in blood pressure • Recording of vital signs 		
VIII	30	<ul style="list-style-type: none"> • Describe purpose and process of health assessment • Describe the health assessment of each body system • Perform health assessment of each body system 	Health assessment <ul style="list-style-type: none"> • Purposes • Process of Health assessment <ul style="list-style-type: none"> -Health history • Physical examination: <ul style="list-style-type: none"> -Methods-Inspection, Palpation, Percussion, Auscultation, Olfaction -Preparation for examination: patient and unit -General assessment -Assessment of each body system -Recording of health assessment 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Practice on simulators • Supervised • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type
IX	5	<ul style="list-style-type: none"> • Identifies the various machinery, equipment and linen and their care 	Machinery, Equipment and linen <ul style="list-style-type: none"> • .Types: Disposables and reusables- Linen, rubber, goods, glass ware, metal, plastics furniture, machinery • Introduction: <ul style="list-style-type: none"> -Indent -Maintenance -Inventory 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type
X	60	<ul style="list-style-type: none"> • Describe the basic, 	Meeting needs of patient <ul style="list-style-type: none"> • Basic needs (Activities of daily living) 	<ul style="list-style-type: none"> • Lecture • Discussion 	<ul style="list-style-type: none"> • Essay type

		<ul style="list-style-type: none"> physiological and psychosocial needs of patient • Describe the principles and techniques for meeting basic, physiological and psychosocial needs of patient • Perform nursing assessment, plan, implement and evaluate the care for meeting basic, physiological and psychosocial needs of patient 	<ul style="list-style-type: none"> • Providing safe and clean environment: <ul style="list-style-type: none"> -Physical environment: Temperature, humidity, noise, ventilation, light, odour, pests control -Reduction of physical hazard: fire, accidents -Safety devices: Restraints, side rails, airways, trapez etc -Role of nurse in providing safe and clean environment • Hygiene:- <ul style="list-style-type: none"> -Factors influencing Hygienic practice -Hygienic care: Care of the skin- Bath and pressure points, feet and nail, Oral cavity, hair care, eyes, ears, and nose -Assessment, Principles, types, equipments, procedure, special considerations 	<ul style="list-style-type: none"> • Demonstration • Practice sessions • Supervised • Clinical practice 	<ul style="list-style-type: none"> • Short answers • Objective type • Assess with checklist • Clinical practical examination
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			<ul style="list-style-type: none"> -Patient environment: Room equipment and linen, making patient beds -Types of beds and bed making • Comfort:- <ul style="list-style-type: none"> -Factors influencing comfort -Comfort devices • Physiological needs: • Sleep and Rest: <ul style="list-style-type: none"> -Physiology of sleep -Factors affecting sleep -Promoting rest and sleep -Sleep disorders • Nutrition: <ul style="list-style-type: none"> -Importance -Factors affecting nutritional needs -Assessment of nutritional needs variables -Meeting nutritional needs: Principles, equipments procedure and special considerations • Oral • Enteral: Naso/Orogastric, gastrostomy 		
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			<ul style="list-style-type: none"> • Parenteral: • Urinary Elimination <ul style="list-style-type: none"> -Review of Physiology of Urine elimination, composition and characteristics of urine -Factors influencing Urination -Alteration in Urinary Elimination -Types and collection of urine specimen: • Observation, urine testing <ul style="list-style-type: none"> -Facilitating urine elimination: assessment, types, equipments procedures and special considerations • Providing urinal/bed pan • Condom drainage • Perineal care • Catheterization • Care of urinary drainage • Care of urinary diversions • Bladder irrigation • Bowel Elimination <ul style="list-style-type: none"> -Review of Physiology of Bowel Elimination, composition and 		
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			<p>characteristics of faeces</p> <p>-Factors affecting bowel elimination</p> <p>-Alterations in Bowel elimination</p> <p>-Types and collection of specimen of faeces: Observation</p> <p>-Facilitating bowel elimination: assessment equipments, procedures and special considerations</p> <ul style="list-style-type: none"> • Passing of Flatus tube • Enemas • Suppository • Sitz bath • Bowel wash • Care of Ostomies • Mobility and Immobility <ul style="list-style-type: none"> -Principles of body mechanics -Maintenance of normal body alignment and mobility -Factors affecting body alignment and mobility -Hazards associated with immobility -Alteration in body Alignment and mobility 		
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			<p>-Nursing interventions for impaired body alignment and mobility: assessment, types, devices, used, method and special considerations, rehabilitation aspects</p> <ul style="list-style-type: none"> • Range of motion exercises • Maintaining body alignment positions • Moving • Lifting • Transferring • Walking • Restraints • Oxygenation <ul style="list-style-type: none"> -Review of cardiovascular and respiratory physiology -Factors affecting oxygenation -Alterations in oxygenation -Nursing interventions in oxygenation: assessment, types, equipment, used, procedure and special considerations • Maintenance of patient airway • Oxygen administration 		
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			<ul style="list-style-type: none"> • Suction • Inhalations: dry and moist • Chest physiotherapy and postural drainage • Care of chest drainage • Pulse oximetry • CPR- Basic life support • Fluid, Electrolyte, and Acid-Base Balances • Review of Physiological regulation of fluid, Electrolyte, and acid-Base balances <ul style="list-style-type: none"> -Factors affecting Fluid, Electrolyte, and acid-Base balances -Alterations in Fluid, Electrolyte, and acid-Base balances -Nursing interventions in Fluid, Electrolyte, and acid-Base balances • assessment, types, equipment, procedure and special considerations • Measuring fluid intake and output • Correcting Fluid, Electrolyte imbalance: • Replacement of fluids: oral and 		
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			<p>Parenteral-Venipuncture, regulating IV Flow rates, changing IV solutions and tubing, changing IV dressing.</p> <ul style="list-style-type: none"> • Administering Blood transfusion • Restriction of fluids • Psychosocial Needs <ul style="list-style-type: none"> -Concepts of cultural diversity, stress and adaptation, self-concept, sexuality, spiritual health, coping with loss, death and grieving -Assessment of psychosocial needs -Nursing intervention for psychological needs -Assist with coping and adaptation -Creating therapeutic environment -Recreational and diversional therapies 		
XI	20	<ul style="list-style-type: none"> • Describe principles and techniques for infection control and biomedical waste management in supervised clinical settings 	<p>Infection control in clinical settings</p> <ul style="list-style-type: none"> • Infection control <ul style="list-style-type: none"> -Nature of infection -Chain of infection transmission -Defenses against infection: natural and acquired -Hospital acquired infection (Nosocomial infection) 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Lab Practice • Supervised • Clinical practice 	

		<ul style="list-style-type: none"> • Concept of asepsis: medical asepsis, and surgical asepsis • Isolation precautions (Barrier nursing): <ul style="list-style-type: none"> -Hand washing: simple, hand antisepsis and surgical antisepsis (scrub) -Isolation: source and protective -Personal protecting equipments, types, uses and technique of wearing and removing • Decontamination of equipment and unit <ul style="list-style-type: none"> -Transportation of infected patients • Standard safety precautions (Universal precautions) <ul style="list-style-type: none"> -Transmission based precautions • Biomedical waste management: <ul style="list-style-type: none"> -Importance • Types of hospital waste <ul style="list-style-type: none"> -Hazards associated with hospital waste -Decontamination of hospital waste -Segregation and Transportation and disposal 		
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XII	40	<ul style="list-style-type: none"> • Explain the principles, routes, effects of administration of medications • Calculate conversions of drugs and dosages within and between systems of measurements • Administer drugs by the following routes-oral, Intradermal, Subcutaneous, Intramuscular, Intra Venous topical, inhalation 	Administration of Medications <ul style="list-style-type: none"> • General Principles/consideration <ul style="list-style-type: none"> -Purposes of Medication • Principles: 5 rights, special, considerations, prescriptions, safety in administering medications and medication errors <ul style="list-style-type: none"> -Drug forms -Routes of administration -Storage and maintenance of drugs and nurses responsibility -Broad classification of drugs -therapeutic effects, side effects, toxic effects, Idiosyncratic reactions, Allergic reactions, drug tolerance, drug interactions -Factors influencing drug actions -Systems of Drug • Measurement: Metric System, Apothecary system, Household measurements, solutions <ul style="list-style-type: none"> -Converting measurements units: conversion within one system, conversion between systems dosage calculations 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Practice session • Supervised • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assess with checklist and • Clinical practical examination
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| | | | <ul style="list-style-type: none"> -Terminologies and abbreviations used in prescriptions of medications • Oral drugs administration: Oral, sublingual and Buccal: • Equipment, procedures • Parenteral <ul style="list-style-type: none"> -General principles: decontamination and disposal of syringes and needles -Types of parenteral therapies -Types of syringes, needles, canulam and infusion sets -Protection from Needlestick Injuries: giving medications with a safety syringes -Routes of parental therapies -Intradermal: Purpose, site, equipment, procedure, special considerations -Subcutaneous: purpose, site, equipment, procedure, special considerations -Intramuscular : purpose, site, equipment, procedure, special considerations | | |
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| | | | <ul style="list-style-type: none"> -Intra Venous: purpose, site, equipment, procedure, special considerations -Advanced techniques: epidural intrathecal, intraosseous, intraperitoneal, intraplural, intraarterial- Role of nurse • Topical Administration: purposes, site, equipments, procedure, special considerations for <ul style="list-style-type: none"> -Application to skin -Application to mucous membrane -Direct application of liquids-Gargle and swabbing the throat -Insertion of drug into body cavity: Suppository/medicated packing in rectum/vagina -Instillations: Ear, Eye, Nasal, Bladder, and Rectal -Irrigations: Eye, Ear, Bladder, Vaginal and Rectal -Spraying: Nose and throat • Inhalation: Nasal, oral, endotracheal/tracheal (Steam, oxygen and medications)-purposes, | | |
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			types, equipment, procedure, special considerations -Recording and reporting of medications administered		
XIII	10	<ul style="list-style-type: none"> Describe the pre and post operative care of patients Explain the process of wound healing Explain the principles and techniques of wound care Perform care of wounds 	Meeting needs of Perioperative patients <ul style="list-style-type: none"> Definition and concept of Perioperative nursing Preoperative Phase <ul style="list-style-type: none"> -Preparation of patient for surgery Intraoperative <ul style="list-style-type: none"> -Operation theatre set up and environment -Role of nurse Postoperative Phase <ul style="list-style-type: none"> -Recovery unit -Post operative unit -Post operative care Wounds: types, classification, wound healing process, factors affecting wound, complications of wound healing Surgical asepsis 	<ul style="list-style-type: none"> Lecture Discussion Demonstration Practice session Supervised Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assess with checklist and Clinical practical examination

			<ul style="list-style-type: none"> Care of the wound: types, equipments, procedure and special considerations <ul style="list-style-type: none"> -Dressings, suture care -Care of Drainage -Application of Bandages Binders, Splints & Slings - Heat and cold therapy 		
XIV	15	<ul style="list-style-type: none"> Explain care of patient having alterations in body functioning 	Meeting special needs of the patient <ul style="list-style-type: none"> Care of patients having alterations in <ul style="list-style-type: none"> -Temperature (Hyper and hypothermia); types assessment, management -Sensorium (Unconsciousness); Assessment, Management -Urinary Elimination (retention and incontinence); Assessment, Management -Functioning of sensory organs: (Visual & Hearing impairment) -Assessment of self-care ability -Communication methods and special considerations 	<ul style="list-style-type: none"> Lecture Discussion Case discussions Supervised Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type

			<ul style="list-style-type: none"> -Mobility (physically challenged, cast), assessment of self-care ability; communication methods and special considerations -Mental state (mentally challenged), assessment of self-care ability -Communication methods and special considerations -Respiration (distress); Types, assessment, Management -Comfort-(Pain)-Nature, types, factors influencing pain, coping, assessment, management • Treatments related to gastrointestinal system; naso-gastric suction, gastric irrigation, gastric analysis 		
XV	5	<ul style="list-style-type: none"> • Explain care of terminally ill patient 	<p>Care of Terminally ill patient</p> <ul style="list-style-type: none"> -Concepts of loss, grief, grieving process -Signs of clinical death -Care of dying patient: special considerations -Advance directives: euthanasia, 	<ul style="list-style-type: none"> • Lecture • Discussion • Demonstration • Case discussion/Role play • Supervised 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type

			<ul style="list-style-type: none"> will, dying declaration, organ, donation etc -Medico-legal issues -Care of dead body equipment, procedure and care of unit -Autopsy -Embalming 	<ul style="list-style-type: none"> • Clinical practice 	
XVI	6	<ul style="list-style-type: none"> • Explain the basic concepts of conceptual and theoretical models of nursing 	<p>Professional Nursing concepts and practices</p> <ul style="list-style-type: none"> • Conceptual and theoretical models of nursing practice: Introduction to models-holistic model, health belief model, health promotion model etc • Introduction to theories in nursing: Peplau's Henderson's Orem's Neuman's, Roger's and Roy's • Linking theories with nursing process 	<ul style="list-style-type: none"> • Lecture • Discussion 	<ul style="list-style-type: none"> • Essay type • Short answers

Nursing Foundations-Practical

Placement- First Year

Time: Practical – 650 hours
(200 lab and 450 clinical)

Course Description: This course is designed to help the students to develop an understanding of the philosophy, objectives, theories and process of nursing in various clinical settings. It is aimed at helping the students to acquire knowledge, understanding and skills in techniques of nursing and practice them in clinical settings.

Areas	Time (Hours)	Objectives	Skills	Assignments	Assessment methods
Demonstration Lab General Medical and surgery ward	200 450 minimum practice time in clinical area)	<ul style="list-style-type: none"> Performs admission and discharge procedure 	Hospital admission and discharge (III) <ul style="list-style-type: none"> Admission Prepare unit for new patient Prepare admission bed Performs admission procedure -New patient Transfer in Prepare patient record 	<ul style="list-style-type: none"> Practice in Unit/hospital 	<ul style="list-style-type: none"> Evaluate with checklist Assessment of clinical performance with rating scale Completion of practical record

			Discharge/Transfer out <ul style="list-style-type: none"> Gives discharge counselling Perform discharge procedure (Planned discharge, LAMA and abscond, Referrals and transfers) Prepare records of discharge/transfer Dismantle, and disinfect unit and equipment after discharge/transfer 		
		<ul style="list-style-type: none"> Prepare nursing care plan as per the nursing process format 	Perform assessment <ul style="list-style-type: none"> History taking, nursing diagnosis, problem list, prioritization, Goals & expected outcomes, selection of 	<ul style="list-style-type: none"> Write nursing process records of patient Simulated-1 Actual-1 	<ul style="list-style-type: none"> Assessment of nursing process records with checklist Assessment of actual care given with rating scale

			<p>interventions</p> <ul style="list-style-type: none"> • Write nursing care plan • Gives care as per the plan 		
		<ul style="list-style-type: none"> • Communicate effectively with patient, families and team members and • Maintain effective human relations • Develops plan for patient teaching 	<p>Communication</p> <ul style="list-style-type: none"> • Use verbal and non verbal communication techniques <p>Prepare a plan for patient teaching session</p>	<ul style="list-style-type: none"> • Role-plays in simulated situations on communication techniques-1 • Health talk-1 	<ul style="list-style-type: none"> • Assess role plays with the checklist on communication techniques • Assess health talk with the checklist • Assessment of communications techniques by rating scale
		<ul style="list-style-type: none"> • Prepare patient reports • Presents reports 	<p>Write patient report</p> <ul style="list-style-type: none"> • Change –of shift reports, transfer reports, incident reports etc. • Presents patient report 	<ul style="list-style-type: none"> • Write nurses notes and present the patient report of 2-3 assigned patient 	<ul style="list-style-type: none"> • Assessment of performance with rating scale

		<ul style="list-style-type: none"> • Monitor vital signs 	<p>Vital signs</p> <ul style="list-style-type: none"> • Measure, records & interpret alterations in body temperature, pulse respiration & blood pressure 	<ul style="list-style-type: none"> • Lab practice • Measure vital signs of assigned patient 	<ul style="list-style-type: none"> • Assessment of each skill with checklist • Completion of activity record
		<ul style="list-style-type: none"> • Perform health assessment of each body system 	<p>Health assessment</p> <ul style="list-style-type: none"> • Health history taking • Perform assessment: <ul style="list-style-type: none"> -General -Body systems • Use various methods of physical examination • Inspection, Palpation, percussion, Auscultation, Olfaction • Identification of system wise deviations 		

		<ul style="list-style-type: none"> • Provide basic nursing care to patients 	<p>Prepare Patient/s unit:</p> <ul style="list-style-type: none"> • Prepare beds: <ul style="list-style-type: none"> -Open, closed, occupied, operation amputation. -Cardiac, fracture, burn divided, & Fowlers bed • Pain assessment and provision for comfort <p>Use comfort devices</p> <p>Hygienic care:</p> <ul style="list-style-type: none"> • Oral hygiene: • Baths and care of pressure points • Hair wash, Pediculosis treatment <p>Feeding:</p> <ul style="list-style-type: none"> • Oral, Enteral, Naso/Orogastric, gastrostomy & 	<ul style="list-style-type: none"> • Practice in lab & hospital • Simulated exercise on CPR manikin 	<ul style="list-style-type: none"> • Assessment of each skill with rating scale • Completion of activity record
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			<p>Parenteral feeding</p> <ul style="list-style-type: none"> • Naso-gastric insertion, suction, and irrigation <p>Assisting patient in urinary elimination</p> <ul style="list-style-type: none"> • Provides urinal/bed pan • Condom drainage • Perineal care • Catheterization • Care of urinary drainage <p>Bladder irrigation</p> <p>Assisting bowel Elimination:</p> <ul style="list-style-type: none"> • Insertion of Flatus tube • Enemas • Insertion of suppository <p>Bowel wash body Alignment and Mobility:</p>		
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			<p>-Range of motion exercises</p> <p>-Positioning: Recumbent, lateral (Rt/Lt), Fowlers, sims, Lithotomy, Prone, Trendelenburg position</p> <p>-Assist patient in moving, lifting, transferring, walking</p> <p>-Restraints</p> <p>Oxygen administration</p> <p>Suctioning: oropharyngeal, (Rt/Lt) nasopharyngeal Chest</p> <p>physiotherapy & postural drainage</p> <p>Care of chest drainage</p> <p>CPR-Basic life support</p>		
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			<p>Intravenous therapy</p> <p>Blood and blood component therapy</p> <p>Collect/assist for collection of specimens for investigations Urine, sputum, faeces, vomitus, blood and other body fluids</p> <p>Perform lab tests:</p> <ul style="list-style-type: none"> • Urine: sugar, albumin, acetone • Blood: sugar (with strip/gluco-meter) <p>Hot & cold applications: local and general sitz bath</p> <p>Communicating and assisting with self-care of visually & hearing impaired patients</p> <p>Communicating and assisting with self-</p>		
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			<p>care of mentally challenged/ disturbed patients Recreational & diversional therapies Caring of patient with alteration in sensorium</p>		
		<ul style="list-style-type: none"> • Perform infection control procedures 	<p>Infection control</p> <ul style="list-style-type: none"> • Perform following procedures: <ul style="list-style-type: none"> -Hand washing techniques -(Simple, hand antiseptis and surgical antiseptis scrub) • prepare isolation unit in lab/ward <ul style="list-style-type: none"> -Practice technique of wearing and removing personal 	<ul style="list-style-type: none"> • Observation study-2 • Department of infection control & CSSD • Visits CSSD write observation report 1 • Collection of samples for culture • Do clinical posting in infection control 	<ul style="list-style-type: none"> • Assess observations study with checklist • Evaluate all procedures with checklist

			<p>protective equipment (PPE) -Practice standard safety precautions (Universal precautions)</p> <p>Decontamination of equipment and unit:</p> <ul style="list-style-type: none"> • Surgical asepsis: <ul style="list-style-type: none"> -Sterilization -Handling sterilized equipment -Calculate strengths of lotions -Prepare lotions • Care of articles 	<p>department and write report</p> <ul style="list-style-type: none"> • Practice in lab/ward 	
		<ul style="list-style-type: none"> • Provide care to pre and post operative patients 	<p>Pre and post operative care:</p> <ul style="list-style-type: none"> • Skin preparations for surgery: local 		

		<ul style="list-style-type: none"> • Perform procedures for care of wounds 	<ul style="list-style-type: none"> • Preparation of post operative unit • Pre & Post operative teaching and counseling • Pre and post operative monitoring • Care of the wound: • Dressings: suture care, care of drainage, applications of bandages, binders, splints & slings • Bandaging of various body parts 		
	100	<ul style="list-style-type: none"> • Administer drugs 	Administration of medications <ul style="list-style-type: none"> • Administer Medications in different forms and routes 		

			<ul style="list-style-type: none"> • oral, sublingual and buccal • Parenteral: Intradermal, subcutaneous, Intramuscular etc. • Assist with Intravenous medications • Drug measurements and dose calculations • preparation of lotions and solutions • Administers topical applications • Insertion of drug into body cavity: suppository & medicated packing etc. • Instillation of medicines and 		
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			spray into Ear, Eye, nose and throat <ul style="list-style-type: none"> • Irrigations: Eye, Ear, Bladder, Vagina and Rectum • Inhalations: dry and moist 		
		<ul style="list-style-type: none"> • Provide care to dying and dead • Counsel and support relatives 	Care of dying patient <ul style="list-style-type: none"> • Caring and packing of dead body • Counseling and supporting grieving relatives • Terminal care of the unit 		

Psychology

Time: Theory-60 Hours

Placement- First Year

Course Description: This course is designed to assist the students to acquire knowledge of fundamentals of psychology and develop an insight into behaviour of self and other. Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	2	<ul style="list-style-type: none"> • Describe the history, scope and methods of psychology 	Introduction: <ul style="list-style-type: none"> • History and origin of science of psychology • Definitions & scope of Psychology • Relevance to nursing • Methods of Psychology 	<ul style="list-style-type: none"> • Lecture Discussion 	<ul style="list-style-type: none"> • Essay type • Short answers
II	4	<ul style="list-style-type: none"> • Explain the biology of human behaviour 	Biology of behaviour <ul style="list-style-type: none"> • Body mind relationship-modulation process in health and illness • Genetics and behaviour: Heredity and environment • Brain and behaviour: Nervous system, Neurons and synapse • Association cortex, Rt and Lt hemispheres 	<ul style="list-style-type: none"> • Lecture Discussion 	<ul style="list-style-type: none"> • Essay type • Short answers

			<ul style="list-style-type: none"> • Psychology of Sensations • Muscular and glandular controls of behaviour • Nature of behaviour of an organisms/Integrated responses 		
III	20	<ul style="list-style-type: none"> • Describe various cognitive processes and their applications 	Cognitive processes <ul style="list-style-type: none"> • Attention: Types, determinants, duration & degree, alterations • Perception: Meaning, Principles, factors affecting, errors • Learning: Nature, types, learner and learning, factors influencing laws and theories, process, transfer, study habits • Memory: Meaning, types, Nature factors influencing, development theories and methods of memorizing and forgetting • Thinking: types and levels, stages of development, relationship with language and communication • Intelligence: meaning, classification, uses, theories • Aptitude: concept, types, individual differences and variability 	<ul style="list-style-type: none"> • Lecture Discussion • Psychometric assessment: • Practice sessions 	<ul style="list-style-type: none"> • Essay type • Short answers

			<ul style="list-style-type: none"> • Psychometric assessments of cognitive processes • Alterations in cognitive processes • Applications 		
IV	8	<ul style="list-style-type: none"> • Describe motivation, emotions, stress, attitudes and their influence on behaviour 	Motivation and Emotional Processes: <ul style="list-style-type: none"> • Motivation: Meaning, Concepts, types, theories, Motives and behaviour, conflicts and frustration, conflict resolution • Emotions & stress <ul style="list-style-type: none"> -Emotion: Definition, components, changes in emotions, theories, emotional adjustments, emotions in health and illness • Stress: stressors, cycle, effect, adaptation & coping • Attitude: Meaning, nature, development, factors affecting <ul style="list-style-type: none"> -Behaviour and attitudes • Attitudinal change • Psychometric assessments of emotions and attitudes • Alterations in emotions • Applications 	<ul style="list-style-type: none"> • Lecture Discussion • Role plays • Case Discussion • Demonstration 	<ul style="list-style-type: none"> • Essay type • Short answer

V	7	<ul style="list-style-type: none"> • Explain the concepts of personality and its influence on behaviour 	<ul style="list-style-type: none"> • Personality • Definitions, topography, types, theories • Psychometric assessments of personality • Alterations in personality • Applications 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration 	<ul style="list-style-type: none"> • Essay type • Short answers
VI	7	<ul style="list-style-type: none"> • Describe psychology of people during the life cycle 	<ul style="list-style-type: none"> • Developmental Psychology • Psychology of people at different ages from infancy to old age • Psychology of vulnerable individuals-challenged, women, sick etc. • Psychology of groups 	<ul style="list-style-type: none"> • Lecture Discussion • Case discussion 	<ul style="list-style-type: none"> • Essay type • Short answers
VII	8	<ul style="list-style-type: none"> • Describe the characteristics of • Mentally healthy person • Explain ego defence mechanisms 	<ul style="list-style-type: none"> • Mental hygiene and mental Health • Concepts of mental hygiene and mental health • Characteristics of mentally healthy person • Warning signs of poor mental health • Promotive & Preventive mental health-strategies and services • Ego defence mechanisms and implications • Personal and social adjustments 	<ul style="list-style-type: none"> • Lecture Discussion • Case discussion • Role play • Demonstration 	<ul style="list-style-type: none"> • Essay type • Short answers

			<ul style="list-style-type: none"> • Guidance and counselling • Role of nurse 		
VIII	4	<ul style="list-style-type: none"> • Explain Psychological assessments and role of nurse 	<ul style="list-style-type: none"> • Psychological assessment & tests • Types, development characteristics, principles, Uses, Interpretations and role of nurse in psychological assessment 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Practice sessions 	<ul style="list-style-type: none"> • Assessment of practice

Microbiology

Time: Theory-60 Hours (Theory 45-15 lab)

Placement- First Year

Course Description: This course is designed to enable students to acquire understanding of fundamentals of Microbiology and identification of various micro-organisms. It also provides opportunities for practicing infection control measures in hospital and community settings.

Unit	Time (Hrs) Th.	Pr.	Learning objectives	Content	Teaching Learning Activities	Evaluation
I	5		<ul style="list-style-type: none"> • Explain concepts & principles of microbiology and their importance in nursing 	<ul style="list-style-type: none"> • Introduction: • Importance and relevance to nursing • Historical perspective • Concepts and terminology • Principles of microbiology 	<ul style="list-style-type: none"> • Lecture Discussion 	<ul style="list-style-type: none"> • Short answers • Objective type

II	10	5	<ul style="list-style-type: none"> Describe structure, classification morphology and growth of bacteria Identify micro-organisms 	General characteristics of Microbes <ul style="list-style-type: none"> Structure & classification of microbes Morphological types Size & form of bacteria Motility Colonization Growth & nutrition of microbes <ul style="list-style-type: none"> -Temperature -Moisture -Blood body fluids Laboratory methods for identification of micro-organisms Staining, techniques, Gram staining, Acid fast staining, hanging drop preparation Culture, various medias 	<ul style="list-style-type: none"> Lecture Discussion Demonstration 	<ul style="list-style-type: none"> Short answers Objective type
III	10	2	<ul style="list-style-type: none"> Describe the methods of infection control Identify the role of nurse in hospital 	Infection control <ul style="list-style-type: none"> Infection: sources, portals of entry and exit, transmission Asepsis Disinfection; types and methods Sterilization; types and methods 	<ul style="list-style-type: none"> Lecture Discussion Demonstration Visits to CSSD Clinical practice 	<ul style="list-style-type: none"> Short answers Objective type

			infection control programme	<ul style="list-style-type: none"> Chemotherapy & antibiotics Standard safety measures Biomedical waste management Role of nurse Hospital acquired infection Hospital infection control programme Protocols, collection of samples, preparation of report and status of rate of infection in the unit/hospital, nurse's accountability, continuing education etc 		
IV	12	4	Describe the different disease producing organisms	Pathogenic organisms <ul style="list-style-type: none"> Micro-organisms <ul style="list-style-type: none"> -Cocci- gram positive & gram negative -bacilli- gram positive & gram negative -Spirochaete Mycoplasma Rickettsiae Chlamydiae Viruses 	<ul style="list-style-type: none"> Lecture Discussion Demonstration Clinical practice 	<ul style="list-style-type: none"> Short answers Objective type

				<ul style="list-style-type: none"> • Fungi-superficial and deep mycoses • Parasites • Rodents & vectors • Characteristics, source, portal of entry, transmission of infection • Identification of disease producing micro-organism collection, handling and transportation of various specimens 		
V	8	4	<ul style="list-style-type: none"> • Explain the concept of immunity, hyper sensitivity and immunization 	Immunity <ul style="list-style-type: none"> • Immunity-types, classification • Antigen and antibody reaction • Hypersensitivity-skin test • Serological tests • Immunoprophylaxis <ul style="list-style-type: none"> -Vaccines & sera-types & classification, storage and handling, cold chain -Immunization for various diseases - Immunization schedule 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Clinical practice 	<ul style="list-style-type: none"> • Short answers • Objective type

Introduction to Computers

Time: Theory-45 Hours

Placement- First Year

Course Description: This course is designed for students to develop basic understanding of uses of computer and its application in nursing.

Unit	Time (Hrs) Th.	Pr.	Learning objectives	Content	Teaching Learning Activities	Evaluation
I	3		<ul style="list-style-type: none"> • Identify & define various concepts used in computer • Identify application of computer in nursing 	Introduction: <ul style="list-style-type: none"> • Concept of computers • Hardware and software trends and technology • Application of computers in nursing 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration 	<ul style="list-style-type: none"> • Short answers • Objective type
II	6	20	<ul style="list-style-type: none"> • Describe and use the disk operating system • Demonstrate skill in the use of MS office 	<ul style="list-style-type: none"> • Introduction to disk-operating system <ul style="list-style-type: none"> -DOS -Windows (all version) • Introduction <ul style="list-style-type: none"> -MS-Word -MS-Excel with pictorial presentation 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Practice session 	<ul style="list-style-type: none"> • Short answers • Objective type • Practical Exam

				-MS-Access -MS-Power point		
III	2	3	<ul style="list-style-type: none"> • Demonstrate skill in using multi-media • Identify features of computer aided teaching and testing 	<ul style="list-style-type: none"> • Multimedia: types & uses • Computer aided teaching & testing 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration 	<ul style="list-style-type: none"> • Short answers • Objective type • Practical Exam and Viva voce
IV	1	3	<ul style="list-style-type: none"> • Demonstrate use of internet and Email 	<ul style="list-style-type: none"> • Use of Internet and e-mail 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Practice session 	<ul style="list-style-type: none"> • Short answers • Objective type • Practical Exam and viva voce
V	2	2	<ul style="list-style-type: none"> • Describe and use the statistical packages 	<ul style="list-style-type: none"> • Statistical packages: types and their features 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Practice session 	<ul style="list-style-type: none"> • Short answers • Objective type • Practical Exam and viva voce
VI	1	2	<ul style="list-style-type: none"> • Describe the use of hospital management system 	<ul style="list-style-type: none"> • Hospital Management system: Types and uses 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration 	<ul style="list-style-type: none"> • Short answers • Objective type • Practical Exam and viva voce

Sociology

Time: Theory-60 Hours

Placement- Second Year

Course Description: This course is designed to introduce the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	1	<ul style="list-style-type: none"> • State the importance of sociology in Nursing 	Introduction <ul style="list-style-type: none"> • Definition of Sociology • Nature & scope of the discipline • Importance and application of sociology in nursing 	<ul style="list-style-type: none"> • Lecture Discussion 	<ul style="list-style-type: none"> • Essay type • Short answers
II	3	<ul style="list-style-type: none"> • Describe the inter-relationship of individual in society and community 	<ul style="list-style-type: none"> • Individual & Society • Society and community • Nature of society • Difference between society and community • Process of socialization and individualization • Personal disorganization 	<ul style="list-style-type: none"> • Lecture Discussion 	<ul style="list-style-type: none"> • Essay type • Short answers
III	3	<ul style="list-style-type: none"> • Describe the influence of culture and on health and disease 	Culture <ul style="list-style-type: none"> • Nature of culture • Evolution of culture 	<ul style="list-style-type: none"> • Lecture Discussion • Panel discussion 	<ul style="list-style-type: none"> • Essay type • Short answers

		health and disease	<ul style="list-style-type: none"> • Diversity and uniformity of culture • Culture and socialization • Transcultural society • Influence on health and disease 		
IV	4	<ul style="list-style-type: none"> • Identify various social groups and their interactions 	Social group and processes <ul style="list-style-type: none"> • The meaning and classification of groups • Primary & Secondary Group • In-group V/s. out-group, Class, tribe, caste • Economic, political, religious groups, Mob, crowd, Public and audience interaction & Social processes • Co-operation, competition, conflict • Accommodation, Assimilation & Isolation 	<ul style="list-style-type: none"> • Lecture Discussion 	<ul style="list-style-type: none"> • Essay type • Short answers
V	6	<ul style="list-style-type: none"> • Explain the growth of population in India and its impact on health 	Population <ul style="list-style-type: none"> • Society and population • Population distribution in India- Demographic characteristics • Malthusian theory of population • Population explosion in India and 	<ul style="list-style-type: none"> • Lecture Discussion • community identification 	<ul style="list-style-type: none"> • Essay type • Short answers • Assessment of report on community identification

			its impact on health status <ul style="list-style-type: none"> • Family welfare programmes 		
VI	5	<ul style="list-style-type: none"> • Describe the institutions of family and marriage in India 	Family and Marriage <ul style="list-style-type: none"> • Family-Functions • Types-Joint, Nuclear, Blended and extended family characteristics • The Modern family-Changes, Problems –dowry etc, welfare services • Changes & legislations on family and marriage in India –marriage acts • Marriage: forms and functions of marriage. • Marriage and family problems in India • Family, marriage and their influence on health and health practices 	<ul style="list-style-type: none"> • Lecture Discussion • Family care study 	<ul style="list-style-type: none"> • Essay type • Short answers • Assessment of family case study
VII	7	<ul style="list-style-type: none"> • Describe the class and caste system and their influence on health and health practices 	Social Stratification <ul style="list-style-type: none"> • Meaning & types of social stratification • The Indian Caste system –origin & features 	<ul style="list-style-type: none"> • Lecture Discussion • Community survey 	<ul style="list-style-type: none"> • Essay type • Short answers • Assessment of report on community

XI	2	<ul style="list-style-type: none"> • Explain the nature and process of social control 	<ul style="list-style-type: none"> • Inter-relationship of institutions <p>Social Control</p> <ul style="list-style-type: none"> • Nature and process of social control • Political, Legal, Religious, Educational, Economic, Industrial and Technological systems, Norms & values-Folkways & Mores customs, Laws and fashion • Role of nurse 	<ul style="list-style-type: none"> • Lecture Discussion • Community survey 	<ul style="list-style-type: none"> • Essay type • Short answers • Assessment of report on community survey
XII	15	<ul style="list-style-type: none"> • Describe the role of the nurse in dealing with social problems in India 	<ul style="list-style-type: none"> • Social Problems • Social disorganization • Control & planning poverty, housing, illiteracy, food supplies, prostitution, rights of women & children, vulnerable groups: elderly, handicapped, minority groups and other marginalized groups, child labour, child, abuse, delinquency and crime, substance abuse, HIV/AIDS. • Social welfare programmes in India • Role of nurse 	<ul style="list-style-type: none"> • Lecture Discussion • Institutional visits 	<ul style="list-style-type: none"> • Essay type • Short answers • Assessment of visit reports

Pharmacology

Time: Theory-45 Hours

Placement- Second Year

Course Description: This course is designed to enable students to acquire understanding of pharmaco-dynamics, pharmacokinetics, principles of therapeutics and nursing implications.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	1	<ul style="list-style-type: none"> • Describe pharmaco-dynamics, pharmacokinetics, classification and the principles of drug administration 	<p>Introduction to pharmacology</p> <ul style="list-style-type: none"> • Definitions • Sources • Terminology used • Types: Classification • Pharmacodynamics: action, therapeutic • Adverse, toxic • Pharmacokinetics: absorption, distribution, metabolism, interaction, excretion • Review: Routes and principles of administration of drugs • Indian pharmacopoeia: legal issues 	<ul style="list-style-type: none"> • Lecture Discussion 	<ul style="list-style-type: none"> • Short answers • Objective type

			<ul style="list-style-type: none"> • Rational use of drugs • Principles of therapeutics 		
II	6	<ul style="list-style-type: none"> • Explain chemotherapy of specific infections and infestations and nurse's responsibilities 	Chemotherapy <ul style="list-style-type: none"> • Pharmacology of commonly used <ul style="list-style-type: none"> -Penicilin -Cephalosporins • Aminoglycosides • Macrolide & Broad spectrum antibiotics • Sulfonamides • Quinolones <ul style="list-style-type: none"> -Antiamoebic • Antimalarials <ul style="list-style-type: none"> -Anthelmintics • Antiscabies agents ○ Antiviral & anti-fungal agents ○ Antitubercular drugs <ul style="list-style-type: none"> -Anti leprosy drugs -Anticancer drugs -Immuno-suppressants • Composition, action, dosage, route, indications, contraindications, drug 	<ul style="list-style-type: none"> • Lecture Discussion • Drug study/presentation 	<ul style="list-style-type: none"> • Short answers • Objective type

VI	2	<ul style="list-style-type: none"> • Describe drugs used on urinary systems & nurse's responsibilities 	Drugs used on urinary system <ul style="list-style-type: none"> • Pharmacology of commonly used <ul style="list-style-type: none"> -Diuretics & antidiuretics -Urinary antiseptics -Cholinergic & anticholinergics -Acidifiers and alkalizers • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	<ul style="list-style-type: none"> • Lecture Discussion • Drug study/presentation 	<ul style="list-style-type: none"> • Short answers • Objective type
VII	4	<ul style="list-style-type: none"> • Describe drugs used in dead diction, emergency, deficiency of vitamins & minerals, poisoning, for immunization and immuno-suppression and nurse's responsibilities 	Miscellaneous <ul style="list-style-type: none"> • Drugs used in de-addiction • Drugs used in CPR and emergency • Vitamins and minerals • Immunosuppresants • Antidotes • Antivenom • Vaccines and sera 	<ul style="list-style-type: none"> • Lecture Discussion • Drug study/presentation 	<ul style="list-style-type: none"> • Short answers • Objective type

VIII	1	<ul style="list-style-type: none"> Describe drugs used on skin & mucous membranes & nurse's responsibilities 	<ul style="list-style-type: none"> Drugs used on skin and mucous membranes Topical applications for skin, eye, ear, nose and buccal cavity antipruritics Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	<ul style="list-style-type: none"> Lecture Discussion Drug study/presentation 	<ul style="list-style-type: none"> Short answers Objective type
IX	8	<ul style="list-style-type: none"> Describe drugs used on nervous system and nurse's responsibilities 	<p>Drugs acting on nervous system</p> <ul style="list-style-type: none"> Basic & applied pharmacology of commonly used: <ul style="list-style-type: none"> Analgesics & Anaesthetics <ul style="list-style-type: none"> -Analgesics -Non steroidal anti-inflammatory (NSAID) drugs -Antipyretics Hypnotics & Sedatives <ul style="list-style-type: none"> -Opioids Non-Opioids <ul style="list-style-type: none"> -Tranquilizers -General & local anesthetics 	<ul style="list-style-type: none"> Lecture Discussion Drug study/presentation 	<ul style="list-style-type: none"> Short answers Objective type

			<ul style="list-style-type: none"> -Gases: oxygen, nitrous oxide, carbon-dioxide Cholinergic & anti-cholinergics: <ul style="list-style-type: none"> -Muscle relaxants -Major tranquilizers -Anti-psychotics -Antidepressants -Adrenergics -Noradrenergics -Mood stabilizers -Acetylcholine -Stimulants Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 		
X	5	<ul style="list-style-type: none"> Describe drugs used on cardiovascular system & nurse's responsibilities 	<p>Cardiovascular drugs</p> <ul style="list-style-type: none"> Haematinics Cardiotonics Anti anginals Anti-hypertensives & Vasodilators 	<ul style="list-style-type: none"> Lecture Discussion Drug study/presentation 	<ul style="list-style-type: none"> Short answers Objective type

			<ul style="list-style-type: none"> • Anti-arrhythmics • Plasma expanders • Coagulants & anticoagulants • Antiplatelets & thrombolytics • Hypolipidemics • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 		
XI	4	<ul style="list-style-type: none"> • Describe drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy & nurse's responsibilities 	<p>Drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy</p> <ul style="list-style-type: none"> • Insulins & oral hypoglycemics • Thyroid supplements and suppressants • Steroids, Anabolics • Uterine stimulants and relaxants • Oral contraceptives • Other estrogen-progestrone preparations 	<ul style="list-style-type: none"> • Lecture Discussion • Drug study/presentation 	<ul style="list-style-type: none"> • Short answers • Objective type

			<ul style="list-style-type: none"> • Corticotrophine & Gonadotropines • Adrenaline • Prostaglandins • Calcitonins • Calcium salts • Calcium regulators • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 		
XII	6	<ul style="list-style-type: none"> • Demonstrate awareness of the common drugs used in alternative system of medicine 	<p>Introduction to drugs used in alternative systems of medicine:</p> <ul style="list-style-type: none"> • Ayurveda, Homeopathy, Unani and Siddha etc 	<ul style="list-style-type: none"> • Lecture Discussion • Observational visits 	<ul style="list-style-type: none"> • Short answers • Objective type

Pathology and Genetics

Section A- Pathology

Placement- Second Year

Time: Theory-30 Hours

Course Description: This course is designed to enable students to acquire knowledge of pathology of various disease conditions and apply this knowledge in practice of nursing.

Unit	Time (Hrs) Th.	Pr. (Hrs)	Learning objectives	Content	Teaching Learning Activities	Assessment methods
I	3		<ul style="list-style-type: none"> Define the common terms used in pathology. Appreciate the deviations from normal to abnormal structure and functions of the body system. 	Introduction <ul style="list-style-type: none"> -Importance of the study of pathology -Definition of terms Methods & Techniques Cellular & Tissue changes Infiltration and regeneration <ul style="list-style-type: none"> -Inflammations & Infections -Wound healing Vascular changes Cellular growth, neoplasms <ul style="list-style-type: none"> -Normal & Cancer cell -Benign & Malignant growths -In situ carcinoma 	<ul style="list-style-type: none"> Lecture discussion Explain using charts 	<ul style="list-style-type: none"> Short answer Objective type

Basic B.Sc. Nursing

				<ul style="list-style-type: none"> Disturbances of fluid & electrolyte imbalance 		
II	10	5	<ul style="list-style-type: none"> Explain pathological changes in disease conditions of various systems 	Special pathology <ul style="list-style-type: none"> Pathological changes in disease conditions of various systems: <ul style="list-style-type: none"> Respiratory tract <ul style="list-style-type: none"> -Tuberculosis, Bronchitis, pleural effusion and pneumonia -Lung abscess, emphysema, bronchiectasis Bronchial asthma, chronic obstructive pulmonary disease & tumors Cardio-vascular system <ul style="list-style-type: none"> -Pericardial effusion -Rheumatic heart disease Infective endocarditis, atherosclerosis Ischemia, Infarction and Aneurysm Gastro intestinal tract <ul style="list-style-type: none"> peptic ulcer, typhoid, carcinoma of GI-tract Buccal, Esophageal, Gastric & Intestinal 	<ul style="list-style-type: none"> Lecture discussion Explain using charts, slides, specimen, x-rays and scans Visit to pathology lab, endoscopy unit and OT 	<ul style="list-style-type: none"> Short answer Objective type

Basic B.Sc. Nursing

				<ul style="list-style-type: none"> • Liver, Gall bladder & pancreas <ul style="list-style-type: none"> -Hepatitis, chronic liver abscess, cirrhosis tumors of liver, gall bladder and pancreas, Cholecystitis • Kidneys & Urinary tract <ul style="list-style-type: none"> -Glomerulonephritis pyelonephritis Calculi, renal failure, renal carcinoma & cystitis • Male genital systems <ul style="list-style-type: none"> -Cryptorchidism, testicular atrophy -Prostatic hyperplasia, carcinoma Penis & prostate • Female genital system <ul style="list-style-type: none"> -Fibroids Carcinoma cervix and Endometrium -Vesicular mole, choricocarcinoma -Ectopic gestation -Ovarian cyst & tumors • Cancer Breast 		
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				<ul style="list-style-type: none"> • Central Nervous system <ul style="list-style-type: none"> -Hydrocephalus, Meningitis, encephalitis, -Vascular disorders- thrombosis, embolism -Stroke, paraplegia, quadriplegia -tumours, meningiomas-gliomas • Metastatic tumour • Skeletal system <ul style="list-style-type: none"> -Bone healing, osteoporosis, osteomyelitis • Arthritis & tumours 		
III	4	3	<ul style="list-style-type: none"> • Describe various laboratory tests in assessment and monitoring of disease conditions 	Clinical pathology <ul style="list-style-type: none"> • Various blood & bone marrow tests in assessment & monitoring of diseases conditions hemoglobin -RBC, white cell & platelet counts -Bleeding time, clotting time & prothrombine time Blood grouping & cross matching -Blood chemistry 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Visit to clinical pathology & bio-chemistry lab and blood bank 	<ul style="list-style-type: none"> • Short answer • Objective type

				<p>Blood culture Serological and immunological tests Other blood tests Examination of bone marrow -Methods of collection of blood specimen for various clinical pathology, biochemistry, microbiology tests, inference and normal values</p>		
IV	2	1	<ul style="list-style-type: none"> Describe the laboratory tests for examination of body cavity fluids, transudates & exudates 	<p>Examination of body cavity fluids, transudates and exudates</p> <ul style="list-style-type: none"> The laboratory tests used in CSF analysis Examination of other body cavity fluids, transudates and exudates-sputum, wound discharge etc. Analysis of gastric and duodenal contents Analysis of semen-sperm count, motility * morphology and their importance in infertility 	<ul style="list-style-type: none"> Lecture discussion Demonstration 	<ul style="list-style-type: none"> Short answer Objective type

				<ul style="list-style-type: none"> Methods of collection of CSF and other cavity fluids specimen for various clinical pathology, biochemistry, microbiology tests, inference and normal values 		
V	1	1	<ul style="list-style-type: none"> Describe the laboratory tests for examination of Urine and faeces 	<p>Urine & faeces</p> <ul style="list-style-type: none"> Urine <ul style="list-style-type: none"> Physical characteristics -Analysis Culture and sensitivity Faeces <ul style="list-style-type: none"> -Characteristics -Stool examination: occult blood, ova, parasite and cyst, reducing substance etc. Methods of collection for various tests, inference and normal values 	<ul style="list-style-type: none"> Lecture discussion Demonstration 	<ul style="list-style-type: none"> Short answer Objective type

Section- B Genetics

Placement- Second Year

Time: Theory-15 Hours

Course Description: This Course is designed to enable students to acquire understanding of genetics, its role in causation and management of defects and diseases.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	3	<ul style="list-style-type: none"> Explain nature, principles & perspectives of heredity 	Introduction: <ul style="list-style-type: none"> Practical application of genetics in nursing Impact of genetic condition on families Review of cellular division mitosis & meiosis. Characteristics & structure of genes Chromosomes-sex determination Chromosomal aberrations patterns of inheritance <ul style="list-style-type: none"> Mendelian theory of inheritance Multiple allots and blood groups Sex linked inheritance Mechanism of inheritance Errors in transmission (Mutation) 	<ul style="list-style-type: none"> Lecture Discussion Explain using charts, slides 	<ul style="list-style-type: none"> Short answers Objective type

Basic B.Sc. Nursing

			interactions, side effects, adverse effects, toxicity and role of nurse		
III	2	<ul style="list-style-type: none"> Describe Antiseptics, disinfectants, insecticides and nurse's responsibilities 	Pharmacology of commonly used antiseptics, disinfectants and insecticides <ul style="list-style-type: none"> Antiseptics Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse Disinfectants Insecticides 	<ul style="list-style-type: none"> Lecture Discussion Drug study/presentation 	<ul style="list-style-type: none"> Short answers Objective type
IV	2	<ul style="list-style-type: none"> Describe drugs acting on gastro intestinal system & nurse's responsibilities 	Drugs acting on G.I system <ul style="list-style-type: none"> Pharmacology of commonly used <ul style="list-style-type: none"> Antiemetics Emetics Purgatives Antacids Cholinergic Anticholinergics 	<ul style="list-style-type: none"> Lecture Discussion Drug study/presentation 	<ul style="list-style-type: none"> Short answers Objective type

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			<ul style="list-style-type: none"> -Fluid & electrolyte therapy -Anti diarrhoeals -Histamines • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 		
V	2	<ul style="list-style-type: none"> • Describe drugs used on respiratory systems & nurse's responsibilities 	<p>Drugs used on respiratory systems</p> <ul style="list-style-type: none"> • Pharmacology of commonly used <ul style="list-style-type: none"> -Antiasthmatics -Mucolytics -Decongestants -Expectorants -Bronchodilators -Broncho constrictors -Antihistamines • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	<ul style="list-style-type: none"> • Lecture Discussion • Drug study/presentation 	<ul style="list-style-type: none"> • Short answers • Objective type

II	3	<ul style="list-style-type: none"> • Explain maternal, prenatal & genetic influences on development of defects & diseases 	<p>Maternal, prenatal & genetic influences on development of defects & diseases</p> <ul style="list-style-type: none"> • Conditions affecting the mother: genetics & infections • Consanguinity atopy • Prenatal nutrition & food allergies. • Maternal age • Maternal drug therapy • Prenatal testing & diagnosis • Effect of radiation, drugs and chemicals • Infertility • Spontaneous abortion • Neural tube defects and the role of folic acid in lowering the risks • Down syndrome (Trisomy 21) 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, slides 	<ul style="list-style-type: none"> • Short answers • Objective type
III	2	<ul style="list-style-type: none"> • Explain the screening methods for genetic defects and diseases in neonates and children 	<p>Genetic testing in the neonates and children</p> <ul style="list-style-type: none"> • Screening for Congenital abnormalities <ul style="list-style-type: none"> -Developmental delay -Dysmorphism 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, slides 	<ul style="list-style-type: none"> • Short answers • Objective type

IV	2	<ul style="list-style-type: none"> Identify genetic disorders in adolescents and adults 	Genetic condition of adolescents and adults <ul style="list-style-type: none"> -Cancer genetics-familial cancer -Inborn errors of metabolism -Blood group alleles and haematological disorder -Genetic haemochromatosis Huntington's disease - Mental illness 	<ul style="list-style-type: none"> Lecture Discussion Explain using charts, slides 	<ul style="list-style-type: none"> Short answers Objective type
V	5	<ul style="list-style-type: none"> Describe the role of nurse in genetic services and counselling 	Services related to Genetics <ul style="list-style-type: none"> Genetic testing Human genome project Gene therapy The Eugenics movement Genetics Counselling Legal and ethical issues role of nurse 	<ul style="list-style-type: none"> Lecture Discussion 	<ul style="list-style-type: none"> Short answers Objective type

Medical Surgical Nursing-I

(Adult including Geriatrics)

Placement- Second Year

Time: Theory-210 Hours

Practical- 720 Hours

Course Description: The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical disorders in varieties of health care setting and at home.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	15	<ul style="list-style-type: none"> Appreciate the trends in medical and surgical nursing Describe the role of a nurse in caring for adult patient in hospital and community Describe the concept of medical surgical asepsis 	Introduction: <ul style="list-style-type: none"> Introduction to medical surgical nursing- Evolution and trends of medical and surgical nursing Review of concepts of Health and illness diseases-concepts, causations, classification- International classification disease (ICD-10 or later version), Acute illness Chronic illness & Terminal illness, stages of illness Review of concepts of comprehensive nursing care in medical surgical conditions based on nursing process. Role of nurse, patient and family in care of adult patient Role & responsibilities of a nurse in medical surgical settings: <ul style="list-style-type: none"> -Outpatient department -In-patient unit Intensive care unit Home and community settings 	<ul style="list-style-type: none"> Lecture Discussion Demonstration Practice session Supervised Clinical practice 	<ul style="list-style-type: none"> Short answers Objective type Assessment of skills with checklist

			<ul style="list-style-type: none"> • Introduction to medical surgical asepsis <ul style="list-style-type: none"> -Inflammation and infection immunity Wound healing • Care of surgical patient <ul style="list-style-type: none"> -Pre-operative -Intra operative - Post operative 		
II	15	<ul style="list-style-type: none"> • Describe the common signs, symptoms, problems and their Specific nursing interventions 	<p>Common signs and symptoms and management</p> <ul style="list-style-type: none"> • Fluid and electrolyte imbalance. • Vomitting • Dyspnea and cough, respiratory obstruction • Fever • Shock • Unconsciousness, Syncope • Pain • Incontinence • Edema • Age related problems-geriatric 	<ul style="list-style-type: none"> • Lecture Discussion • Seminar • Case discussion 	<ul style="list-style-type: none"> • Short answers • Objective type

III	20	<ul style="list-style-type: none"> • Describe the etiology, patho-physiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of respiratory systems 	<p>Nursing management of patients (adults including elderly) with respiratory problems</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of respiratory system. • Nursing Assessment- History & physical assessment • Etiology, Pathophysiology, staging, clinical manifestation, • diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of adults including elderly with <ul style="list-style-type: none"> -Upper respiratory tract infections <ul style="list-style-type: none"> Bronchitis Asthma -Emphysema -Atelectasis -Chronic Obstructive Pulmonary diseases (COPD) - Bronchiectasis Pneumonia -Pulmonary tuberculosis Lung abscess 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions • Seminar • Health education • Supervised clinical practice • Drug book/ presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem
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			<ul style="list-style-type: none"> -Pleural effusion Cysts and tumours Chest injuries -Respiratory arrest and insufficiency -Pulmonary embolism • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of respiratory disorders 		
IV	30	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of digestive systems 	<p>Nursing management of patient (adults including elderly) with disorders of digestive system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of digestive system • Nursing Assessment-History and Physical assessment • Etiology, Pathophysiology, clinical manifestation, • diagnosis, treatment modalities and medical, surgical, dietetics & nursing management • Disorders of <ul style="list-style-type: none"> -Oral cavity-lips, gums, tongue, salivary glands and teeth 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ • Seminar • Health education 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem

			<p>Oesophagus-inflammation, stricture, obstruction, bleeding and tumours</p> <p>Stomach and deudenum- hiatus hernia, gastritis, peptic and deudenal ulcer, bleeding, tumours, pyloric stenosis</p> <p>-Small intestinal disorders-inflammation and infection, entritis, malabsorption, obstruction, tumour and perforation</p> <p> Large intestinal disorders- colitis, inflammation and infection, obstruction, tumour and lump</p> <p>-Hernias</p> <p> Appendix-inflammation, mass, abscess, rupture</p> <p>-Anal & Rectum; Hemorrhoides, fissures fistulas</p> <p>-Peritonitis/acute abdomen</p> <p>-Pancreas; inflammation, cyst, abscess and tumours</p> <p> Liver; inflammation, cyst abscess, cirrhosis, portal, hypertension, hepatic failure, tumours</p> <p> Gall Bladder, inflammation, obstruction, stones and tumours</p>	<ul style="list-style-type: none"> • Supervised clinical practice • Drug book/ • presentation 	
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			<ul style="list-style-type: none"> • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of disorders of digestive system 		
V	30	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with blood and cardio vascular problems • Describes the vascular conditions and its nursing management 	<p>Nursing management of patient (adults including elderly) with blood and cardio vascular problems</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of blood and cardio vascular system • Nursing Assessment-History and Physical assessment • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of- • Vascular system <ul style="list-style-type: none"> -Hypertension, Hypotension -Arteriosclerosis -Raynaud's disease -Aneurism and Peripheral vascular disorders • Heart <ul style="list-style-type: none"> • Coronary artery diseases -Ischemic heart disease 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ • Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Visit to blood bank 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem

			<ul style="list-style-type: none"> -Coronary atherosclerosis -Angina pectoris -Myocardial infarction • Valvular disorders of the heart <ul style="list-style-type: none"> -Congenital and acquired -Rheumatic heart diseases • Endocarditis, Pericarditis Myocarditis • Cardio Myopathies • Cardiac dysrhythmias, heart block • Congestive cardiac failure <ul style="list-style-type: none"> -Cor-pulmonale, pulmonary edema, cardiogenic shock, cardiac tamponade • Cardiac emergencies and arrest • Cardio Pulmonary Resuscitation (CPR) • Blood <ul style="list-style-type: none"> -Anaemias -Polycythemia <ul style="list-style-type: none"> Bleeding disorders; clotting factor defects and platelet defects -Thalassemia -Leukaemias -Leukopenias and agranulocytosis -Lymphomas -Myelomas 	<ul style="list-style-type: none"> • Participation in blood donation camps • Counseling 	
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			<ul style="list-style-type: none"> • Special therapies <ul style="list-style-type: none"> -Blood transfusion, safety checks, procedure and requirements, management of adverse transfusion reaction, records for blood transfusion. -Management and counselling 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 -Role of a nurse in organ donation, retrieval and banking • Alternative therapies • Nursing procedures • Drugs used in treatment of blood and cardio vascular disorders 		
VI	10	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and 	<p>Nursing management of patient (adults including elderly) with genito-urinary problems</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of genito-urinary system • Nursing Assessment-History and Physical assessment 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts, graphs • Models, films, slides • Demonstration 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills

		management of patients (adults including elderly) with disorders of genitor-urinary systems	<ul style="list-style-type: none"> • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of- • Nephritis • Nephrotic syndrome • Nephrosis • Renal calculus • Tumours • Acute renal failure • Chronic renal failure • End stage renal disease • Dialysis, renal transplant • Congenital disorders, urinary infections • Benign prostrate hypertrophy • Disorders of ureter, urinary bladder and urethra- inflammation, infection, structure, obstruction, tumour prostrate • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of genito-urinary disorders 	<ul style="list-style-type: none"> • Practice session • Case discussions/ • Seminar • Health education • Supervised clinical practice • Drug book/ presentation 	<ul style="list-style-type: none"> • with checklist • Assessment of patient management problem
VII	5	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, 	<p>Nursing management of disorders of male (adults including elderly) reproductive system</p>	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using 	<ul style="list-style-type: none"> • Essay type • Short answers

		clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of male reproductive systems	<ul style="list-style-type: none"> • Review of anatomy and physiology of male reproductive system • Nursing Assessment-History and Physical assessment • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of disorders of male reproductive system • Congenital malformations; cryptorchidism • Hypospadiasis, Epispadiasis • Infections • Testis and adjacent structures • Penis • Prostate: inflammation, infection, hypertrophy, tumour • Sexual dysfunctions • Infertility • Contraception • Breast: gynecomastia, tumour • Climacteric changes • Special therapies, alternative therapies • Nursing procedures 	<p>charts, graphs</p> <ul style="list-style-type: none"> • Models, films, slides • Demonstration • Practice session • Case discussions/ • Seminar • Health education • Supervised clinical practice • Drug book/ presentation 	<ul style="list-style-type: none"> • Objective type • Assessment of skills with checklist • Assessment of patient management problem
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			male reproductive system		
VIII	10	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of endocrine systems 	<p>Nursing management of patients (adult including elderly) with disorders of endocrine system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of endocrine system • Nursing Assessment-History and Physical assessment • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of – -Disorders of Thyroid and Parathyroid Diabetes mellitus Diabetes insipidus Adrenal tumour Pituitary disorders • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of disorders of endocrine system 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ • Seminar • Health education • Supervised clinical practice • Drug book/ presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • ΠΠΟΒΦΕΧΤΠΩΕ ΤΥΠΕ • Assessment of skills with checklist • Assessment of patient management problem

IX	10	<ul style="list-style-type: none"> Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of skin 	<p>Nursing management of patients (adult including elderly) with disorders of Integumentary system</p> <ul style="list-style-type: none"> Review of anatomy and physiology of skin and its appendages Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of disorders of skin and its appendages- <ul style="list-style-type: none"> Lesions and abrasions <ul style="list-style-type: none"> Infection and infestations, dermatitis Dermatoses; infectious and non infectious "inflammatory dermatoses" Acne Vulgaris Allergies and Eczema Psoriasis Malignant melanoma Alopecia Special therapies, alternative therapies Nursing procedures Drugs used in treatment of disorders of Integumentary system 	<ul style="list-style-type: none"> Lecture Discussion Explain using charts, graphs Models, films, slides Demonstration Practice session Case discussions/ Seminar Health education Supervised clinical practice Drug book/ presentation 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with checklist Assessment of patient management problem
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X	15	<ul style="list-style-type: none"> Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of musculo-skeletal system 	<p>Nursing management of patients (adult including elderly) with musculoskeletal problems</p> <ul style="list-style-type: none"> Review of anatomy and physiology of musculoskeletal system Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of- <ul style="list-style-type: none"> Disorders of: <ul style="list-style-type: none"> Muscles, Ligaments & joints- inflammation, infection, trauma Bones- inflammation, infection, dislocation, fracture, tumour and trauma Osteomalacia and osteoporosis <ul style="list-style-type: none"> Arthritis <ul style="list-style-type: none"> Congenital deformities Spinal column-defects and deformities, tumor, prolapsed inter vertebral disc, pott's spine Paget's disease Amputation 	<ul style="list-style-type: none"> Lecture Discussion Explain using charts, graphs Models, films, slides Demonstration Practice session Case discussions/ Seminar Health education Supervised clinical practice Drug book/ presentation 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with checklist Assessment of patient management problem
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			<ul style="list-style-type: none"> • Prosthesis • Transplant & replacement surgeries • Rehabilitation. • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of disorders of musculoskeletal system 		
XI	10	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients (adults including elderly) with disorders of Immunological system 	<p>Nursing management of patients (adult including elderly) with Immunological problems</p> <ul style="list-style-type: none"> • Review of Immune system • Nursing Assessment-History and Physical assessment • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of- • Immunodeficiency disorder • Primary immuno deficiency • Phagocytic dysfunction • B-Cell and T-Cell deficiencies • Secondary immunodeficiencies • Acquired immunodeficiency syndrome (AIDS) 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • . Assessment of patient management problem

			<ul style="list-style-type: none"> • Incidence of HIV & AIDS • Epidemiology • Transmission-Prevention of Transmission • Standard safety precautions • Role of Nurse; counseling • Health education and home care consideration • National AIDS control program –NACO, various national and international agencies • Infection control program • Rehabilitation • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of disorders of immunological system 	<ul style="list-style-type: none"> • Drug book/ presentation • Orientation visit to Hospital infection 	
XII	20	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of 	<p>Nursing management of patients (adult including elderly) with Communicable diseases</p> <ul style="list-style-type: none"> • .Overview of infectious disease, the infectious process • Nursing Assessment-History and Physical assessment • Epidemiology, infectious process, clinical 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with

		patients (adults including elderly) with Communicable diseases	manifestation, dietetics, treatment, prevention and Dietetics. Control and eradication of common communicable diseases -Tuberculosis Diarrhoeal diseases Hepatitis A-E Herpes Chickenpox Small pox Typhoid -Meningitis Gas gangrene Leprosy Dengue -Plague Malaria Diphtheria Pertussis Poliomyelitis -Measles Mumps Influenza Tetanus	<ul style="list-style-type: none"> • Practice session • Case discussions/ • Seminar • Health education • Supervised clinical practice • Drug book/ presentation 	checklist <ul style="list-style-type: none"> • Assessment of patient management problem
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			Yellow fever Filariasis -HIV, AIDS <ul style="list-style-type: none"> • Reproductive Tract Infections • Special infection control measures: Quarantine, Immunization, infectious disease Hospitals • Special therapies, alternative therapies • Nursing procedures • Drugs used in treatment of communicable diseases 		
XIII	25	<ul style="list-style-type: none"> • Describe the organisation and physical set up of operation theatre • Identify the various instruments and equipments used for common surgical procedures • Describe the infection control measures in the 	Peri operative nursing <ul style="list-style-type: none"> • Organisation and physical set up of the operation theatre (OT): -classification -O.T. DESIGN -Staffing -Members of the OT team -Duties and responsibilities of nurse in O.T. -Principles of Health and operating room attire. -Instruments Sutures and suture materials 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Supervised clinical practice • Drug book/ presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist

	operation theatre	<ul style="list-style-type: none"> Describe the role of the nurse in the Peri Operative nursing care 	<ul style="list-style-type: none"> Equipments <ul style="list-style-type: none"> O.T. tables and sets for common surgical procedures Positions and draping for common surgical procedures Scrubbing procedures Gowning and gloving Preparation of O.T. sets Monitoring the patient during surgical procedures Maintenance of therapeutic environment in O.T. Standard safety measures <ul style="list-style-type: none"> Infection control; fumigation, disinfection and sterilisation Biomedical waste management Prevention of accidents and hazards in O.T. Anaesthesia <ul style="list-style-type: none"> Types Methods of administration Effects and stages Equipments Drugs Cardio Pulmonary Resuscitation (CPR) Pain management techniques Legal aspects 		
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Medical Surgical Nursing-I Practical (Adult including Geriatrics)

Placement- Second Year

Time: -720 Hours

Areas	Durati-on (in week)	Objectives	Skills	Assignments	Assessment Methods
General Medical Ward (* Respiratory, GI, Endocrine, Renal, Hematology)	6	<ul style="list-style-type: none"> Provide nursing care to adult patients with medical disorders Counsel and educate patients and families 	<ul style="list-style-type: none"> Assessment of the patient <ul style="list-style-type: none"> Taking history Perform general & specific physical examination. Identify alterations & deviations Practice medical surgical asepsis-standard safety measures Administer medications: Oral, IV, IM, Subcutaneous IV therapy 	<ul style="list-style-type: none"> Plan and give care to 3-4 assigned patients Nursing care plan- 2 Nursing case study/presentation -1 Drug presentation- 1 Maintain drug book Maintain practical record book 	<ul style="list-style-type: none"> Assess performance with rating scale Assess each skill with checklist Evaluation of case study/ presentation Completion of activity record.

			<ul style="list-style-type: none"> -IV canulation -Maintenance & monitoring • Oxygen therapy by different methods • Nebulization • Chest physio therapy • Naso gastric feeding • Assist in common diagnostic Procedures • Perform/assist in the rapeutic procedures • Blood & component therapy • Throat suctioning • Collect specimens for common investigations • Maintain elimination <ul style="list-style-type: none"> -Catheterisation -Bowel wash Enema Urinary drainage • Maintain intake, output and documentation 		
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			<ul style="list-style-type: none"> • Counsel and teach related to specific disease conditions 		
General Surgical Ward (GI, Urinary, CTVS)	6	<ul style="list-style-type: none"> • Provide pre & post operative nursing care to adult patients with surgical disorders • Counsel and educate patients and families 	<ul style="list-style-type: none"> • Practice medical surgical asepsis-standard safety measures • Pre operative preparation of patients • Post operative care-receiving pt, assessment, monitoring, care • care of wounds & drainage • Suture removal • Ambulation & exercise • Naso gastric aspiration • Care of chest drainage • Ostomy care <ul style="list-style-type: none"> Gastrostomy -Colostomy Enterostomy • Blood and component 	<ul style="list-style-type: none"> • Plan and give care to 3-4 assigned patients • Nursing care plan-2 • Nursing case study/presentation -1 • Maintain drug book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of case study/ presentation • Completion of activity record.

			therapy		
			<ul style="list-style-type: none"> Practice universal precautions 		
Cardiology ward	2	<ul style="list-style-type: none"> Provide nursing care to patients with cardiac disorders Counsel and educate patients and families 	<ul style="list-style-type: none"> Physical examination of the cardio vascular system recording and interpreting ECG Monitoring of patients Preparation and assisting in non-invasive & invasive diagnostic procedures. Administer cardiac drugs Cardio pulmonary resuscitation Teach patients & families Practice medical and surgical asepsis-standard safety measures 	<ul style="list-style-type: none"> Plan & give care to 2-3 assigned patients Nursing care plan-1 Nursing case study/presentation /health talk-1 Maintain drug book 	<ul style="list-style-type: none"> Assess performance with rating scale Assess each skill with checklist Evaluation of case study/ presentation/ health talks Completion of activity record.
Skin & communicable diseases ward	1	<ul style="list-style-type: none"> Identify skin problems 	<ul style="list-style-type: none"> Assessment of patient with skin disorders 	<ul style="list-style-type: none"> Plan & give care to 2-3 assigned patients 	<ul style="list-style-type: none"> Assess performance with rating scale

		<ul style="list-style-type: none"> Provide nursing care to patients with skin disorders & communicable diseases Counsel and educate patients and families 	<ul style="list-style-type: none"> Assist in diagnostic & therapeutic procedures Administer topical medication Practice medical surgical asepsis-standard safety measures Use of personal protective equipment (PPE) Give medicated baths Counseling HIV positive patients Teach prevention of infectious diseases. 	<ul style="list-style-type: none"> Health talk/counseling HIV positive patients and families-1 Maintain drug book 	<ul style="list-style-type: none"> Evaluation of health talk/ counseling session Completion of activity record.
Orthopaedic ward	2	<ul style="list-style-type: none"> Provide nursing care to patients with musculo-skeletal disorders Counsel 	<ul style="list-style-type: none"> Assessment of orthopaedic patients Assists in application of plaster cast and removal of cast. Apply skin traction buck's extension traction. 	<ul style="list-style-type: none"> Plan & give care to 2-3 assigned patients Nursing care plan-1 Nursing case study/presentation -1 	<ul style="list-style-type: none"> Assess performance with rating scale Evaluation of nursing care plan and nursing case/study/presentation

		and educate patients and families	<ul style="list-style-type: none"> • Assist in application & removal of prosthesis • Physiotherapy-Range of motion exercises (ROM), muscle strengthening exercises • Crutch maneuvering technique. • Activities of daily living • Ambulation • Teach and counsel patients and families 	<ul style="list-style-type: none"> • Maintain drug book 	<ul style="list-style-type: none"> • Completion of activity record
Operation Theatre	6	<ul style="list-style-type: none"> • Identify instruments used in common operations • Participate in infection control practices in the operation theatre 	<ul style="list-style-type: none"> • Scrubbing, gowning, gloving • Identify instruments, suturing materials for common operations • Disinfection, carbolization, fumigation • Preparation of instrument sets for common operations 	<ul style="list-style-type: none"> • Assist as a circulatory nurse in • Major cases-10 • Minor cases-5 • Assist as a scrub nurse in • Major cases-10 • Minor cases-5 • Maintain drug book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Completion of activity record

		<ul style="list-style-type: none"> • Set-up the table/trolley for common operative procedures • Assist in giving anesthesia • Assist in the operative procedures • Provide peri operative nursing care 	<ul style="list-style-type: none"> • Sterilization of sharps and other instruments • Prepare the OT table depending upon the operation • Positioning and monitoring of patients • Endotracheal intubation • Assisting in minor and major operations • Handling specimens • Disposal of waste as per the guidelines 		
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Internship

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
ICU, CCU, CARDI AC OT.	2	<ul style="list-style-type: none"> • To gain proficiency in ICU nursing • Develop advance skill in 	<ul style="list-style-type: none"> • Assist in arterial puncture for blood gas 	<ul style="list-style-type: none"> • Arterial puncture-5 • Taking out ECG stripe-5 	<ul style="list-style-type: none"> • Record book • Checking

		<p>special procedures used in critical care unit.</p> <ul style="list-style-type: none"> Identify potential problems and provide accordingly. Skill in setting and handling ventilator. Administer injection in infusion pump. Record accurately findings and medications Develop IPR with family members. Acquaint with OT technique. 	<p>analysis.</p> <ul style="list-style-type: none"> Perform ECG and interpret accordingly. Conduct and analysis pulse oximetry. Care with artificial airway. Assist in endotracheal intubation Setting up ventilator Giving care in ventilator. Drug sheet. Observation of special procedure in OT. 	<ul style="list-style-type: none"> Tracheal suction-5 For all assigned patients oxygen administration by CPAP mask and use Ambu bag. Assessment for all assigned patients. Nursing care in ventilator. Drug sheet. 	with supervisor
Neuro ICU, ITU, OT	2	<ul style="list-style-type: none"> Develop skill in neurological assessment. Give care to the pt with head injury and spinal 	<ul style="list-style-type: none"> Assess neurological status. Implement care 	<ul style="list-style-type: none"> Assessment for all assigned patients. Nursing care plan-2 Drug sheet 	<ul style="list-style-type: none"> Record book Observation

		<p>injury.</p> <ul style="list-style-type: none"> Care with chest surgery and cranial surgery 	<p>to head injury spinal injury patients.</p> <ul style="list-style-type: none"> Drug sheet. Pre and postoperative care with neuro surgery patients. 		checklist
Burns and plastic Reconstructive surgery	2	<ul style="list-style-type: none"> Assess the severity of burns. Administer rehydration therapy Observe reconstructive surgery 	<ul style="list-style-type: none"> Nursing care 		
OT Laproscopic Orthopaedic Eye ENT	3	<ul style="list-style-type: none"> Identify instruments Assist in OT set up Supervise sterilization Assist in OT table lay out. Observe immediately after operation. Supervise infection control. 		<ul style="list-style-type: none"> Assist-5 cases 	<ul style="list-style-type: none"> Record book

Community Health Nursing-I

Placement- Second Year

Time: Theory-90 Hours

Practical- 135 Hours

Course Description: This Course is designed for students to appreciate the principles of promotion and maintenance of health.

Basic B.Sc. Nursing

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	2	<ul style="list-style-type: none"> Describe concepts and dimensions of health 	<ul style="list-style-type: none"> Introduction Community health nursing Definition, concept and dimensions of health Promotion of health Maintenance of health 	<ul style="list-style-type: none"> Lecture discussion 	<ul style="list-style-type: none"> Short answers

II	20	<ul style="list-style-type: none"> Describe determinants of health 	<p>Determinants of health</p> <ul style="list-style-type: none"> Eugenics Environment <ul style="list-style-type: none"> -Physical: Air, light, Ventilation, Water, Housing, Sanitation: disposal of waste, disposal of dead bodies, Forestation, Noise, Climate, Communication: -infrastructure facilities and linkages -Acts regulating the environment: national pollution control board Bacterial & viral: Agents, host carriers and immunity Food hygiene: Production, Preservation, Purchase, Preparation, Consumption Acts regulating food hygiene-prevention of food adulteration act, drugs and cosmetic act Socio-cultural <ul style="list-style-type: none"> -Customs, taboos -Marriage system -Family structure Status of special groups; females, children, elderly, challenged groups and sick persons 	<ul style="list-style-type: none"> Lecture discussion Explain using charts, graphs, models, films, slides Visits to water supply, sewage disposal, milk plants, slaughter house etc 	<ul style="list-style-type: none"> Essay type Short answers Objective type
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Basic B.Sc. Nursing

			<ul style="list-style-type: none"> • Life style • Hygiene • Physical activity <ul style="list-style-type: none"> -Recreation and sleep -Sexual life Spiritual life philosophy Self reliance -Dietary pattern <ul style="list-style-type: none"> Education Occupation • Financial Management <ul style="list-style-type: none"> • Income • Budget • Purchasing power • Security 		
III	10	<ul style="list-style-type: none"> • . Describe concept scope, uses methods and approaches of epidemiology 	Epidemiology <ul style="list-style-type: none"> • Definition, concept aims, scope, uses and terminology used in epidemiology • Dynamics of disease transmission: epidemiological triad • Morbidity and mortality: measurements • Levels of prevention 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, graphs • Models, films, slides 	<ul style="list-style-type: none"> • Essay type • Short answer

			<ul style="list-style-type: none"> • Methods of epidemiology of Descriptive Analytical: Epidemic investigation <ul style="list-style-type: none"> - Experimental 		
IV,	25	<ul style="list-style-type: none"> • Describe epidemiology and nursing management of common communicable diseases 	Epidemiology and nursing management of common communicable disease <ul style="list-style-type: none"> • Respiratory infections <ul style="list-style-type: none"> -Small pox -Chicken Pox -Measles -Influenza -Rubella -ARI's & Pneumonia -Mumps -Diphtheria -Whooping cough -Meningococcal meningitis -Tuberculosis -SARS • Intestinal Infections <ul style="list-style-type: none"> -Poliomyelitis -Viral Hepatitis -Cholera -Diarrhoeal diseases 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, graphs • Models, films, slides • Seminar • Supervised field practice-health centers, clinics and homes • Group projects/health education 	<ul style="list-style-type: none"> • Essay type • Short answer • Objective type

			<ul style="list-style-type: none"> -Typhoid Fever -Food poisoning -Amoebiasis -Hook worm infection -Ascariasis -Dracunculiasis • Arthropod infections <ul style="list-style-type: none"> -Dengue -Malaria -Filariasis • Zoonoses <p>Viral</p> <ul style="list-style-type: none"> -Rabies -Yellow fever -Japanese encephalitis -Kyasanur Forest Disease <ul style="list-style-type: none"> • Bacterial <ul style="list-style-type: none"> -Brucellosis -Plague -Human Salmonellosis Anthrax -Leptospirosis • Rickettsial diseases <ul style="list-style-type: none"> Rickettsial Zoonoses 		
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			<ul style="list-style-type: none"> -Scrub typhus -Murine typhus -Tick typhus -Q fever • Parasitic Zoonoses <ul style="list-style-type: none"> -Taeniasis -Hydatid disease -Leishmaniasis • Surface infection <ul style="list-style-type: none"> -Trachoma -Tetanus -Leprosy -STD & RTI Yaws HIV/AIDS • Any other 		
V	10	<ul style="list-style-type: none"> • Describe epidemiology and nursing management of common non-communicable diseases 	<p>Epidemiology and nursing management of non-communicable diseases</p> <ul style="list-style-type: none"> • Malnutrition: under nutrition, over nutrition, nutritional deficiencies • Anemia • Hypertension • Stroke • Rheumatic heart disease 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts, graphs • Models, films, slides • Seminar • Supervised field 	<ul style="list-style-type: none"> • Essay type • Short answer • Objective type

			<ul style="list-style-type: none"> • Coronary heart disease • Cancer • Diabetes mellitus • Blindness • Accidents • Mental illness • Obesity • Iodine deficiency • Fluorosis • Epilepsy 	<p>practice-health centers, clinics and homes</p> <ul style="list-style-type: none"> • Group projects/health education 	
VI	6	<ul style="list-style-type: none"> • Describe the concepts and scope of demography • Describe methods of data collection, analysis and interpretation of demographic data 	<p>Demography</p> <ul style="list-style-type: none"> • Definition, concept and scope • Methods of collection, analysis and interpretation of demographic data • Demographic rates and ratios 	<ul style="list-style-type: none"> • Lecture discussion • Community identification survey 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of survey report
VII	17	<ul style="list-style-type: none"> • Identify the impact of 	<p>Population and its Control</p> <ul style="list-style-type: none"> • Population explosion and its impact on 	<ul style="list-style-type: none"> • Lecture discussion 	<ul style="list-style-type: none"> • Essay type • Short

	<p>population explosion in India</p> <ul style="list-style-type: none"> • Describe methods of population control 	<p>social, economic development of individual, society and country</p> <ul style="list-style-type: none"> • Population control: <ul style="list-style-type: none"> -overall development: women empowerment, social, economic and educational development • Limiting family size: <ul style="list-style-type: none"> Promotion of small family norms Methods: spacing (natural, biological, chemical, mechanical methods etc) Terminal: surgical methods Emergency contraception 	<ul style="list-style-type: none"> • Population survey • Counseling • Demonstration • Practice session • Supervised field practice 	<p>answers</p> <ul style="list-style-type: none"> • Objective type • Assessment of survey report
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Community Health Nursing 1-Practical

Placement- Second Year

Time: Practical-135 hours

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
Community health nursing	2	<ul style="list-style-type: none"> • Build & maintain rapport • Identify demographic 	<ul style="list-style-type: none"> • Use techniques of interpersonal relationship • Identification of 	<ul style="list-style-type: none"> • To work with 2 assigned families each in urban and rural 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale

		characteristics, health determinants and community health resources <ul style="list-style-type: none"> • Diagnose health needs of individuals and families • Provide primary care in health centre • Counsel and educate individual, family and community 	health determinants of community <ul style="list-style-type: none"> • History taking • Physical examination • Collect specimens- sputum, malaria smear • Perform simple lab tests at centre- blood for haemoglobin and sugar, urine for albumin and sugar • Administer vaccines and medications to adults • Counsel vaccines and medications to adults <ul style="list-style-type: none"> Nutrition Hygiene Self health Monitoring 	<ul style="list-style-type: none"> • Family study-1 • Observation report of community-1 • Health talks-2 (1 in urban and in rural) 	<ul style="list-style-type: none"> • Assess each skill with checklist • Evaluation of family study, observation report and health talk • Completion of activity record.
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			Seeking health services Healthy life style Family welfare methods - Health promotion		
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Communication & Educational Technology

Placement- Second Year

Time: Theory-90 hours

Course Description: This course is designed to help the students acquire an understanding of the principles and methods of communication and teaching. It helps to develop skill in communication effectively, maintaining effective interpersonal relations, teaching individuals and groups in clinical community health and educational settings.

Unit	Time (Hrs) Th.	Pr.	Learning objectives	Content	Teaching Learning Activities	Assessment methods
I	5		<ul style="list-style-type: none"> • Describe the communication process • Identify techniques of effective communication 	Review of Communication Process <ul style="list-style-type: none"> • Process; elements and chance • Facilitators • Barriers and methods of overcoming • Techniques 	<ul style="list-style-type: none"> • Lecture Discussion • Role plays • Exercises with audio/video tapes 	<ul style="list-style-type: none"> • Respond critical incidents • Short answers • Objective type

II	5		<ul style="list-style-type: none"> Establish effective inter-personal relations with patients, families & co-workers 	Interpersonal relations <ul style="list-style-type: none"> Purpose & types Phases Barriers & methods of overcoming Johari window 	<ul style="list-style-type: none"> Lecture Discussion Role plays Exercises with audio/video tapes Process recording 	<ul style="list-style-type: none"> Short answers Objective type
III	5		<ul style="list-style-type: none"> Develop effective human relations in context of nursing 	Human relations <ul style="list-style-type: none"> Understanding self Social behaviour, motivation, social attitudes Individual and groups Groups & individual Human relations in context of nursing Group dynamics Team work 	<ul style="list-style-type: none"> Lecture Discussion Sociometry Group games Psychometric exercises followed by discussion 	<ul style="list-style-type: none"> Short answers Objective type Respond test based on critical incidents
IV	10		<ul style="list-style-type: none"> Develop basic skill of counselling and guidance 	Guidance & counselling <ul style="list-style-type: none"> Definition Purpose, scope and need Basic principles Organization of counselling services 	<ul style="list-style-type: none"> Lecture discussion Role play on counselling in different situations followed by discussion 	<ul style="list-style-type: none"> Short answers Objective type Assess performance in role plays situations

				<ul style="list-style-type: none"> Types of counselling approaches Role and preparation of counselor Issues for counseling in nursing; students and practitioners Counselling process-steps & techniques, tools of counselor Managing disciplinary problems Management of crisis & referral 		
V	5		<ul style="list-style-type: none"> Describe the philosophy & principles of education Explain the teaching learning proces 	Principles of education & teaching learning process <ul style="list-style-type: none"> Education: meaning, philosophy, aims, functions & principles Nature and characteristics of learning Principles and maxims of teaching Formulating objectives; general and specific 	<ul style="list-style-type: none"> Lecture discussion Prepare lesson plan Micro teaching Exercise on writing objectives 	<ul style="list-style-type: none"> Short answers Objective type Assess lesson plans & teaching sessions

				<ul style="list-style-type: none"> • Lesson planning • Classroom management 		
VI	10	10	<ul style="list-style-type: none"> • Demonstrate teaching skill using various teaching methods in clinical, classroom and community settings 	Methods of teaching <ul style="list-style-type: none"> • Lecture, demonstration, group discussion, seminar, symposium, panel discussion, role play, project, field trip, workshop, exhibition, programmed instruction, computer assisted learning, micro teaching problem based learning, self instructional module and simulation etc. • Clinical teaching methods: case method, nursing round & reports, bedside clinic, conference (individual & group) process recording 	<ul style="list-style-type: none"> • Lecture discussion • Conduct 5 teaching sessions using different methods & media 	<ul style="list-style-type: none"> • Short answers • Objective type • Assess teaching sessions
VII	10	8	<ul style="list-style-type: none"> • Prepare and use different types of educational media effectively 	Educational media <ul style="list-style-type: none"> • Purposes & types of A.V. Aids, principles and sources etc. 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Prepare different teaching aids- 	<ul style="list-style-type: none"> • Short answers • Objective type

				<ul style="list-style-type: none"> • Graphic aids: chalk board, chart, graph, poster, flash cards, flannel graph, bulletin, cartoon • Three dimension aids: objects, specimens, models, puppets • Printed aids: pamphlets & leaflets • Projected aids: slides, overhead projector, films, TV, VCR/VCD, camera, microscope, LCD • Audio aids: tape recorder, public address system • Computer 	projected & non projected	<ul style="list-style-type: none"> • Assess the teaching aids prepared
VIII	5	7	<ul style="list-style-type: none"> • Prepare different types of questions for assessment of knowledge, skills and attitudes 	Assessment <ul style="list-style-type: none"> • Purpose & scope of evaluation & assessment • Criteria for selection of assessment techniques and methods • Assessment of 	<ul style="list-style-type: none"> • Lecture Discussion • Exercise on writing different types of assessment tools 	<ul style="list-style-type: none"> • Short answers • Objective type • Assess the strategies used in

				<p>knowledge: essay type questions, short answer question (SAQ), Multiple choice questions (MCQ)</p> <ul style="list-style-type: none"> • Assessment of skills: observation checklist, practical exam, viva voce objective structured clinical examination (OSCE) • Assessment of attitudes: attitude scales 		<p>practice teaching sessions and exercise sessions</p>
IX	5		<ul style="list-style-type: none"> • Teach individuals, groups and communities about health with active participation 	<p>Information, Education & communication for health (IEC)</p> <ul style="list-style-type: none"> • Health behaviour & health education • Planning for health education • Health education with individuals, groups & communities • Communicating health messages • Methods & media for communicating health messages • Using mass media 	<ul style="list-style-type: none"> • Lecture discussion • Plan & conduct health education sessions for individuals group & communities 	<ul style="list-style-type: none"> • Short answers • Objective type • Assess the planning & conduct the educational session

Medical Surgical Nursing (Adult including Geriatrics)-II

Placement- Third Year

Time: Theory-120 Hours
Practical-270 hours

Course Description: The purpose of this course is to acquire knowledge and develop proficiency in caring for patients with medical and surgical disorders in varieties of health care settings and at home.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	15	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of Ear Nose and Throat 	<p>Nursing management of patients with disorders of Ear Nose and Throat</p> <ul style="list-style-type: none"> • Review of anatomy & physiology of the Ear Nose & Throat- • Nursing Assessment-History & Physical assessment • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical & surgical nursing management of Ear Nose and Throat disorders: -External ear: deformities otalgia, foreign bodies, and tumours 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ • Seminar • Health education 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem

			<ul style="list-style-type: none"> -Middle Ear-Impacted wax, tympanic membrane perforation, otitis media, otosclerosis, mastoiditis, tumours -Inner ear-Meniere's disease, labyrinthitis, ototoxicity, tumours -Upper airway infections-Common cold, sinusitis, ethinitis, rhinitis, pharyngitis, tonsillitis and adenoiditis, peritonsillar abscess, laryngitis <ul style="list-style-type: none"> • Upper respiratory airway-epistaxis • Nasal observation, laryngeal obstruction, cancer of the larynx • Cancer of the oral cavity • Speech defects and speech therapy • Deafness • Prevention control and rehabilitation • Hearing Aids, implanted hearing devices • Special therapies • Nursing procedures • Drugs used in treatment of 	<ul style="list-style-type: none"> • Supervised clinical practice • Drug book/presentation 	
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			<p>disorders of ear nose and throat</p> <ul style="list-style-type: none"> • Role of nurse communicating with hearing impaired and muteness. 		
II	15	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of eye 	<p>Nursing management of patients with disorders of eye</p> <ul style="list-style-type: none"> • Review of anatomy & physiology of the eye • Nursing Assessment-History & Physical assessment • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical & surgical nursing management of eye disorders: <ul style="list-style-type: none"> -Refractive errors -Eyelids-infection, tumours and deformities -conjunctiva-inflammation and infection, bleeding -Cornea-inflammation and infection -Lens -Cataracts -Glaucoma -Disorder of the uveal tract -Ocular tumours 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ • Seminar • Health education • Supervised clinical practice • Drug book/presentation • Visit to eye bank • Participation in eye-camps 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem

			<p>-Disorders of posterior chamber and retina: Retinal and vitreous problems</p> <p>Retinal detachment</p> <p>Ocular emergencies & their prevention</p> <ul style="list-style-type: none"> • Blindness • National blindness control program <ul style="list-style-type: none"> -Eye Banking Eye prostheses and Rehabilitation • Role of a nurse-communication with visually impaired patient, Eye camps • Special therapies • Nursing procedures • Drugs used in treatment of disorders of eye 		
III	16	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and 	<p>Nursing management of patients with neurological disorders</p> <ul style="list-style-type: none"> • Review of anatomy & physiology of the neurological system • Nursing Assessment-History & Physical and neurological assessment and Glasgow coma 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts, graphs • Models, films, slides 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist

		management of patients with neurological disorders	<p>assessment and Glasgow coma scale</p> <ul style="list-style-type: none"> • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical & surgical nursing management of neurological disorders • Congenital malformations • Headache • Head Injuries • Spinal Injuries: <ul style="list-style-type: none"> -Paraplegia -Hemiplegia -Quadraplegia • Spinal cord compression-herniation of intervertebral disc • Tumours of the brain & spinal cord • Intra cranial and cerebral aneurysms • Infections <ul style="list-style-type: none"> -Meningitis, Encephalitis, Brain abscess, neurocysticercosis • Movement disorders <ul style="list-style-type: none"> -Chorea -Seizures 	<ul style="list-style-type: none"> • Demonstration • Practice session • Case discussions/ • Seminar • Health education • Supervised clinical practice • Drug book/ presentation • Visit to rehabilitation centre 	<ul style="list-style-type: none"> • Assessment of patient management problem
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			<ul style="list-style-type: none"> -Epilepsies • Cerebro vascular Accidents (CVA) Cranial, Spinal Neuropathies- Bell's palsy, trigeminal; Guillain-Barr'e syndrome • Myasthenia gravis • Multiple sclerosis • Degenerative diseases Delirium -Dementia Alzheimer's disease Parkinson's disease • Management of unconscious patients and patients with stroke • Role of the nurse in communicating with patient having neurological deficit • Rehabilitation of patients with neurological deficit • Role of nurse in long stay facility (institutions) and at home • Special therapies • Nursing procedures • Drugs used in treatment of neurological disorders 		
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			<ul style="list-style-type: none"> • Abortion-Natural, Medical and surgical abortion-MTP Act • Toxic shock syndrome • Injuries and Trauma: Sexual violence • Special therapies • Nursing procedures • Drugs used in treatment of gynaecological disorders National family welfare programme 		
V	10	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with burns, reconstructive and cosmetic surgery 	<p>Nursing management of patients with Burns, reconstructive and cosmetic surgery</p> <ul style="list-style-type: none"> • Review of anatomy & physiology of the skin and connective tissues and various deformities • Nursing Assessment –History and Physical assessment and Assessment of burns and fluid and electrolyte loss • Etiology, classification Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical & surgical nursing management of Burns and 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ • Seminar • Health education • Supervised clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem

			<p>Re-constructive and Cosmetic surgery</p> <ul style="list-style-type: none"> • Types of Re-constructive and Cosmetic surgery; for burns, congenital deformities, injuries and cosmetic purposes • Role of Nurse • Legal aspects • Rehabilitation • Special therapies <ul style="list-style-type: none"> -Psycho social aspects • Nursing procedures • Drugs used in treatment of burns, reconstructive and cosmetic surgery 	<p>clinical practice</p> <ul style="list-style-type: none"> • Drug book/ presentation 	
VI	10	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and nursing management of patients with oncology 	<p>Nursing management of patients with oncological conditions</p> <ul style="list-style-type: none"> • Structure & characteristics of normal & cancer cells • Nursing Assessment-History and Physical assessment • Prevention, screening, early detection, warning signs of cancer • Epidemiology Etiology, classification Pathophysiology, 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem

			<p>staging, clinical manifestation, diagnosis, treatment modalities and medical & surgical nursing management of oncological conditions</p> <ul style="list-style-type: none"> • Common malignancies of various body systems, oral, larynx, lung, stomach and colon, liver, leukemias and lymphomas, breast, Cervix, ovary, Uterus, Sarcoma, Brain, Renal, Bladder Prostate etc • Oncological emergencies • Modalities of treatment <ul style="list-style-type: none"> Immunotherapy Chemotherapy Radiotherapy Surgical Interventions Stem cell and bone marrow transplants Gene therapy -Other forms of treatment • Psychosocial aspects of cancer • Rehabilitation • Palliative care, symptom and pain management, nutritional support 	<ul style="list-style-type: none"> • Seminar • Health education • Supervised clinical practice • Drug book/ presentation 	
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			<ul style="list-style-type: none"> • Home care • Hospice care • Stomal therapy • Special therapies -Psycho social aspects • Nursing procedures 		
VII	10	<ul style="list-style-type: none"> • Describe organization of emergency and disaster care services • Describe the role of nurse in disaster management • Describe the role of nurse in management of common emergencies 	<p>Nursing management of patient in EMERGENCY & DISASTER situations</p> <p>Disaster Nursing:</p> <ul style="list-style-type: none"> • Concepts and principles of disaster nursing • Causes and types of disaster: <ul style="list-style-type: none"> • Natural and Man-made <ul style="list-style-type: none"> -Earthquakes, Floods, Epidemics, Cyclones -Fire, Explosion, Accidents -Violence, Terrorism, bio-chemical war • Policies related to emergency/disaster management, international, national, state, institutional • Disaster preparedness 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/Seminar • Health education • Supervised clinical practice • Disaster management Drills 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem

			<ul style="list-style-type: none"> • Team, Guidelines, protocols, equipments, resources • Coordination and involvement of community various govt, departments, non-govt, organizations and international agencies • Role of nurse: working • Legal Aspects of disaster nursing • Impact on Health and after effects: Post traumatic stress Disorder • Rehabilitation, physical, psychosocial, financial, relocation <p>Emergency Nursing</p> <ul style="list-style-type: none"> • Concept, priorities, principles and scope of emergency nursing organization of emergency services, physical set up, staffing, equipment and supplies, protocols, concepts of triage and role of triage nurse • Coordination and involvement of different departments and facilities • Nursing assessment-history and physical assessment 	<ul style="list-style-type: none"> • Drug book/presentation 	
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			<ul style="list-style-type: none"> • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical & surgical nursing management of patient with medical and surgical emergency • Principles of emergency management • Common Emergencies • Respiratory emergencies • Cardiac emergencies • Shock and Haemorrhage • Pain • Poly-Trauma, road accidents, crush injuries, wound • Bites • Poisoning: Food, Gas, Drugs & chemical poisoning • Seizures • Thermal Emergencies, heat stroke & cold injuries • Pediatric emergencies • Psychiatric emergencies • Obstetrical emergencies • Violence, Abuse, Sexual assault 		
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			<ul style="list-style-type: none"> • Cardio Pulmonary resuscitation • Crisis Intervention • Role of the nurse: Communication and inter personal relations • Medico-Legal aspects 		
VIII	10	<ul style="list-style-type: none"> • Explain the concept and problems of aging • Describe nursing care of the elderly 	<p>Nursing care of the elderly</p> <ul style="list-style-type: none"> • Nursing Assessment-History and Physical assessment • Ageing • Demography; Myths and realities • Concepts and theories of ageing • Cognitive aspects of ageing • Normal biological ageing • Age related body systems changes • Psychological aspects of aging • Medications and elderly • Stress & coping in older adults common health problems & nursing management • Cardiovascular, respiratory, musculoskeletal 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem

			<ul style="list-style-type: none"> • Endocrine, genitor-urinary, gastrointestinal • Neurological, skin and other sensory organs / -Psychosocial and sexual Abuse of elderly • Role of nurse for care of elderly: ambulation, nutritional, communicational, psychosocial and spiritual • Role of nurse for caregivers of elderly • Role of family and formal and non formal caregivers use of aids and prosthesis (hearing aids, dentures) • Legal & Ethical issues • Provisions & programmes for elderly, privileges, community programs and health services • Home and institutional care 	<ul style="list-style-type: none"> • Visit to old age home 	
IX	10	<ul style="list-style-type: none"> • Describe organization of critical care units 	Nursing management of patient in critical care units <ul style="list-style-type: none"> • Nursing Assessment-History and Physical assessment 	<ul style="list-style-type: none"> • Lecture • Discussion • Explain using charts, graphs 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of

		<ul style="list-style-type: none"> • Describe the role of nurse in management of patients critical care units 	<ul style="list-style-type: none"> • Classification • Principles of critical care nursing • Organization; Physical setup, policies, staffing norms. • Protocols, equipment and supplies special equipments, ventilators, cardiac monitors, defibrillators. • Resuscitation equipments • Infection control protocols • Nursing management of critically ill patient • Monitoring of critically ill patient • CPR-Advance Cardiac Life support • Treatments and procedures • Transitional care • Ethical and legal aspects • Communication with patient and family • Intensive care records • Crisis Intervention • Death and dying-coping with • Drugs used in critical care unit 	<ul style="list-style-type: none"> • Models, films, slides • Demonstration • Role plays • Counseling • Practice session • Case discussions/ Seminar • Health education • Supervised clinical practice • Drug book/ presentation 	<ul style="list-style-type: none"> skills with checklist • Assessment of patient management problem
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X	8	<ul style="list-style-type: none"> Describe the etiology, pathophysiology, clinical manifestations, assessment diagnostic measures and management of patients with occupational and industrial health disorder 	<p>Nursing management of patients adults including elderly with occupational and Industrial disorders</p> <ul style="list-style-type: none"> Nursing Assessment-History and Physical assessment Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical & surgical nursing management of occupational and industrial health disorders Role of nurse Special therapies, alternative therapies Nursing procedures Drugs used in treatment of occupational and industrial disorders. 		
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Medical Surgical Nursing (Adult and Geriatrics)-II Practical

Placement- Third Year

Time: Theory-120 Hours
Practical-270 hours
Internship-430 hrs

Areas	Duration (in week)	Objectives of posting	Skills to be developed	Assignments	Assessment Methods
ENT	1	<ul style="list-style-type: none"> Provide care to patients with ENT disorders Counsel and educate patient and families 	<ul style="list-style-type: none"> Perform examination of ear, nose and throat Assist with diagnostic procedures Assist with therapeutic procedures Instillation of drops Perform/assist with irrigations. Apply ear bandage Perform tracheostomy care Teach patients and families 	<ul style="list-style-type: none"> Provide care to 2-3 assigned patients Nursing care plan-1 Observation reports of OPD Maintain drug book 	<ul style="list-style-type: none"> Assess each skill with checklist Assess performance with rating scale Evaluation of observation report of OPD Completion of activity record

Ophthalmology	1	<ul style="list-style-type: none"> • Provide care to patients with Eye disorders • Counsel and educate patient and families 	<ul style="list-style-type: none"> • Perform examination of eye • Assist with diagnostic procedures • Assist with therapeutic procedures • Perform/assist with irrigations. • Apply eye bandage • Apply eye drops/ointments • Assist with foreign body removal. • Teach patients and families 	<ul style="list-style-type: none"> • Provide care to 2-3 assigned patients • Nursing care plan-1 • Observation reports of OPD & Eye bank • Maintain drug book 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of observation report of OPD/Eye bank • Completion of activity record
Neurology	2	<ul style="list-style-type: none"> • Provide care to patients with neurological disorders • Counsel and educate patient and families 	<ul style="list-style-type: none"> • Perform Neurological Examination • Use Glasgow coma scale • Assist with diagnostic procedures • Assist with therapeutic procedures • Teach patients & families 	<ul style="list-style-type: none"> • Provide care to assigned 2-3 patients with neurological disorders. • Case study/case presentation-1 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of case study & health teaching

IV	16	<ul style="list-style-type: none"> • Describe the etiology, pathophysiology, clinical manifestations, diagnostic measures and management of patients with disorders of female reproductive system • Describe concepts of reproductive health and family welfare programme 	<p>Nursing management of patients with disorders of female reproductive system</p> <ul style="list-style-type: none"> • Review of anatomy & physiology of the female reproductive system • Nursing Assessment-History & Physical assessment • Breast self Examination • Etiology, Pathophysiology, clinical manifestation, diagnosis, treatment modalities and medical & surgical nursing management of disorder of female reproductive system • Congenital abnormalities of female reproductive system • Sexuality and reproductive health • Sexual health Assessment • Menstrual Disorders, Dysmenorrhea, Amenorrhea, Premenstrual Syndrome • Abnormal Uterine Bleeding: Menorrhagia, Metrorrhagia • Pelvic Inflammatory diseases- • Ovarian and fallopian tube 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using charts, graphs • Models, films, slides • Demonstration • Practice session • Case discussions/ • Seminar • Health education • Supervised clinical practice • Drug book/presentation 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with checklist • Assessment of patient management problem
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			<p>disorders; infections, cysts, tumours</p> <ul style="list-style-type: none"> • Uterine and cervical disorders, Endometriosis, polyps, Fibroids, Cervical and uterine tumours uterine displacement, Cystocele/Urethrocele/Rectocele • Vaginal disorders, Infections and discharges, fistulas • Vulvur disorders, infections, cysts, tumours • Disease of breasts: Deformities, infections, cysts and tumours • Menopause and Hormonal Replacement therapy • Infertility • Contraception, types Methods, risk and effectiveness • Spacing methods <ul style="list-style-type: none"> -Barrier methods, Intra Uterine Devices, Hormonal, post Conceptional Methods etc Terminal methods • Sterilization • Emergency contraception methods 		
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			<ul style="list-style-type: none"> • Participate in rehabilitation program 	<ul style="list-style-type: none"> • Maintains drug book • Health teaching -1 	<ul style="list-style-type: none"> • Completion of activity record
Gynecology ward	1	<ul style="list-style-type: none"> • Provide care to patients with gynecological disorders • Counsel and educate patient and families 	<ul style="list-style-type: none"> • Assist with gynecological Examination • Assist with diagnostic procedures • Assist with therapeutic procedures • Teach patients families • Teaching self Breast Examination • Assist with PAP smear collection. 	<ul style="list-style-type: none"> • Provide care to 2-3 assigned patients • Nursing care plan-1 • Maintain drug book 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of care plan • Completion of activity record
Burns unit	1	<ul style="list-style-type: none"> • Provide care to patients with burns • Counsel and educate patient and families 	<ul style="list-style-type: none"> • Assessment of the burns patient percentage of burns degree of burns • Fluid & electrolyte • Fluid & electrolyte replacement therapy Assess 	<ul style="list-style-type: none"> • Provide care to 1-2 assigned patients • Nursing care plan-1 • Observation report of burns unit 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of care plan and

			<ul style="list-style-type: none"> Calculate Replace Record intake/output Care of Burn wounds <ul style="list-style-type: none"> -Bathing -Dressing Perform active & passive exercises Practice medical & surgical asepsis Counsel & Teach patients and families Participate in rehabilitation program 		<ul style="list-style-type: none"> observation report Completion of activity record
Onology Unit	1	<ul style="list-style-type: none"> Provide care to patients with cancer Counsel and educate patient and families 	<ul style="list-style-type: none"> Screen for common cancers-TNM classification Assist with diagnostic procedures <ul style="list-style-type: none"> Biopsies Pap smear Bone-marrow aspiration Breast examination Assist with therapeutic procedures 	<ul style="list-style-type: none"> Provide care to 2-3 assigned patients Nursing care plan-1 Observation report of cancer unit 	<ul style="list-style-type: none"> Assess each skill with checklist Assess performance with rating scale Evaluation of care plan and observation report

			<ul style="list-style-type: none"> Participates in various modalities of treatment <ul style="list-style-type: none"> -Chemotherapy -Radiotherapy -Pain management -Stomalthrapy -Hormonal therapy Immuno therapy -Gene therapy -Alternative therapy Participate in palliative care Counsel and teach patients families <ul style="list-style-type: none"> -Self Breast Examination -Warning signs Participate in rehabilitation program 		<ul style="list-style-type: none"> Completion of activity record
Critical care unit	2	<ul style="list-style-type: none"> Provide care to critically ill patients Counsel patient and families for grief and bereavement 	<ul style="list-style-type: none"> Monitoring of patients in ICU Maintain flow sheet Care of patient on ventilators Perform Endotracheal suction 	<ul style="list-style-type: none"> Provide care to 1 assigned patient Observation report of critical care unit. 	<ul style="list-style-type: none"> Assess each skill with checklist Assess performance with rating scale

			<ul style="list-style-type: none"> • Demonstrates use of ventilators, cardiac monitors etc. • Collect specimens and interprets ABG analysis • Assist with arterial puncture • Maintain CVP line • Pulse oximetry • CPR- ALS Defibrillators • Pace makers • Bag-mask ventilation • Emergency tray/trolley-crash cart • Admission of drugs <ul style="list-style-type: none"> -Infusion pump Epidural Intra thecal Intracardiac • Total parenteral therapy • Chest physiotherapy • Perform active & passive exercises 	<ul style="list-style-type: none"> • Drugs book 	<ul style="list-style-type: none"> • Evaluation of observation report • Completion of activity record
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			<ul style="list-style-type: none"> • Counsel the patient and family in dealing with grieving and bereavement 		
Casualty/ Emergency	1	<ul style="list-style-type: none"> • Provide care to patients in emergency and disaster situation • Counsel patient and families for grief and bereavement 	<ul style="list-style-type: none"> • Practice 'triage'. • Assist with assessment, examination, investigations & their interpretations in emergency and disaster situations • Assist in documentations • Assist in legal procedures in emergency unit • Participate in managing crowd • Counsel patient and families in grief and bereavement 	<ul style="list-style-type: none"> • Observation report of emergency unit 	<ul style="list-style-type: none"> • Assess performance with rating scale. • Evaluation of observation report • Completion of activity record

Placement: Internship

Time: 9 weeks

Area	Duration (in week)	Objective	Skills	Assessment
Medical ward	2	Provide comprehensive care to patients with medical and surgical conditions including emergencies	Integrated Practice	Assess clinical performance with rating scale

Surgical ward	2			
Critical care unit/ICCU	1	Assist with common operations		
Casualty/Emergency	2			
Operation Theatre (Eye, ENT, Neuro)	2			

Child Health Nursing

Placement- Third Year

Time: Theory-90 Hours

Practical-270 hours

Internship-145 hrs

Course Description: This course is designed for developing an understanding of the modern approach to child-care, identification, prevention and nursing management of common health problems of neonates and children.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	15	<ul style="list-style-type: none"> Explain the modern concept of child care & principles of child health nursing Describe national policy programs and legislation in relation to child health and 	<p>Introduction</p> <p>Modern concepts of childcare</p> <ul style="list-style-type: none"> Internationally accepted rights of the child National policy and legislations in relation to 	<ul style="list-style-type: none"> Lecture Discussion Demonstration of common paediatric procedures 	<ul style="list-style-type: none"> Short answers Objective type Assessment of skills with checklist

Basic B.Sc. Nursing

	<p>to child health and welfare.</p> <ul style="list-style-type: none"> List major causes of death during infancy, early & late childhood Describe the major functions and role of the paediatric nurse in caring for a hospitalized child. Describe the principles of child health nursing 	<p>child health and welfare</p> <ul style="list-style-type: none"> National programmes related to child health and welfare Agencies related to welfare services to the children 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. Impact of hospitalization on the child and family. Grief and bereavement The role of a child health nurse in caring for a hospitalized child Principles of pre and post operative care of infants and children 		
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Basic B.Sc. Nursing

			<ul style="list-style-type: none"> • Child health nursing procedures. 		
II	20	<ul style="list-style-type: none"> • Describe the normal growth & development of children at different ages • Identify the needs of children at different ages & provide parental guidance • Identify the nutritional needs of children at different ages and ways of meeting the needs • Appreciate the role of play for normal & sick children. • Appreciate the preventive measures and strategies for children 	<p>The healthy child</p> <ul style="list-style-type: none"> • Principles of growth and development • Factors affecting growth & development • Growth and development from birth to adolescence • The needs of normal children through the stages of developmental and parental guidance • Nutritional needs of children & infants: breast feeding, exclusive breast feeding supplementary/artificial feeding and weaning. • Baby friendly hospital concept • Accidents: causes and prevention • Value of play and selection of play material 	<ul style="list-style-type: none"> • Lecture Discussion • Developmental study of infant and children • Observation study of normal and sick child • Field visit to child guidance clinic • Clinical practice/field 	<ul style="list-style-type: none"> • Short answers • Objective type • Assessment of field visits and developmental study reports

			<ul style="list-style-type: none"> • Preventive immunization, immunization programme and cold chain • Care of under five & under five clinics/well baby clinics 		
III	15	<ul style="list-style-type: none"> • Provide care to normal & high risk neonates • Perform neonatal resuscitation • Recognize and manage common neonatal problems 	<p>Nursing care of a neonate</p> <ul style="list-style-type: none"> • Nursing care of a normal new borns/essential new born care • Neonatal resuscitation • Nursing management of a low birth weight baby. • Kangaroo mother care • Nursing management of common neonatal disorders • Organization of neonatal unit. • Identification & nursing management of common congenital malformations. 	<ul style="list-style-type: none"> • Lecture discussion • Workshop on neonatal resuscitation • Demonstration • Practice session • Clinical practice 	<ul style="list-style-type: none"> • Short answers • Objective type • Assessment of skills with checklist
IV	10		<p>Integrated management of neonatal and childhood illnesses (IMNCI)</p>		

V	20	<ul style="list-style-type: none"> • Provide nursing care in common childhood diseases • Identify measures to prevent common childhood diseases including immunization 	<p>Nursing management in common childhood diseases</p> <ul style="list-style-type: none"> • Nutritional deficiency disorders • Respiratory disorders and infections • Gastrointestinal infections, infestations and congenital disorders • Cardio vascular problem: congenital defects and rheumatic fever, rheumatic heart disease • Genito-urinary disorders: acute glomerulo nephritis, Nephrotic syndrome, wilms, tumor, infection and congenital disorders • Neurological infections and disorders: convulsions, epilepsy, meningitis, hydrocephalus, spina-bifida. • Hematological disorders: Anemias, thalassemia, ITP, Leukemia, hemophilia 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Clinical practice 	<ul style="list-style-type: none"> • Short answers • Objective type • Assessment of skills with checklist
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			<ul style="list-style-type: none"> • 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. • Child health emergencies: poisoning, foreign bodies, hemorrhage, burns and drowning. • Nursing care of infant and children with HIV/AIDS. 		
VI	10	<ul style="list-style-type: none"> • Manage the child with behavioural & social problems • Identify the social & welfare service for challenged children 	<p>Management of behavioural & social problems in children</p> <ul style="list-style-type: none"> • Management of common behavioural disorders • Management of common psychiatric problems 	<ul style="list-style-type: none"> • Lecture discussion • Field visits to child guidance clinics, school for mentally & physically, socially challenged 	<ul style="list-style-type: none"> • Short answers • Objective type • Assessment of field reports

			<ul style="list-style-type: none"> • Management of challenged children: Mentally, Physically, & socially challenged • Welfare services for challenged children in India • Child guidance clinics 		
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Child Health Nursing-Practical

Placement- Third Year
Fourth Year

Time: Theory-270 hours (9 weeks)
Internship-145 hrs (3 weeks)

Areas	Durati-on (in week)	Objectives	Skills	Assignments	Assessment Methods
Pediatric Medicine Ward	3	<ul style="list-style-type: none"> • Provide nursing care to children with various medical disorders • Counsel & educate parents. 	<ul style="list-style-type: none"> • Taking Paediatric history • Physical examination and assessment of children • Administer of oral, I/M & IV medicine/fluids • Calculation of fluid requirements 	<ul style="list-style-type: none"> • Give care to three assigned paediatric patients • Nursing care Plan-1 • Case study/ presentation-1 • Health Talk-1 	<ul style="list-style-type: none"> • Asses clinical performance with rating scale • Assess each skill with checklist OSCE/OSPE • Evaluation of case study/ presentation and health education session

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			<ul style="list-style-type: none"> • Prepare different strengths of I.V. fluids • Apply restraints • Administer O₂ inhalation by different methods • Give baby bath • Feed children by katori spoon, etc. • Collect specimens for common investigations • Assist with common diagnostic procedures • Teach mothers/ parents <ul style="list-style-type: none"> -Malnutrition Oral rehydration therapy Feeding & Weaning 		<ul style="list-style-type: none"> • Completion of activity record
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Basic B.Sc. Nursing

			Immunization schedule Play therapy - Specific Disease conditions		
Pediatric Surgery ward	3	<ul style="list-style-type: none"> Recognize different pediatric surgical conditions/ malformations Provide pre and post operative care to children with common paediatric surgical conditions/ malformation Counsel and educate parents 	<ul style="list-style-type: none"> Calculate, prepare and administer I/V fluids. Do bowel wash Care for ostomies: <ul style="list-style-type: none"> -Colostomy irrigation Ureterostomy Gastrostomy Enterostomy Urinary catheterization and drainage Feeding <ul style="list-style-type: none"> -Naso-gastric Gastrostomy Jejunostomy Care of surgical wounds 	<ul style="list-style-type: none"> Give care to three assigned paediatric surgical patients Nursing care plan-1 Case study/Presentation-1 	<ul style="list-style-type: none"> Assess clinical performance with rating scale Assess each skill with checklist OSCE/OSPE Evaluation of case study/ presentation Completion of activity record.

			Dressing -Suture removal		
Pediatric OPD/ Immunization room	1	<ul style="list-style-type: none"> Perform assessment of children healthy, developmental and anthropometric Perform immunization Give health education/Nutritional Education 	<ul style="list-style-type: none"> Assessment of children <ul style="list-style-type: none"> -Health assessment -Developmental assessment -Anthropometric assessment Immunization Health/Nutritional Education 	<ul style="list-style-type: none"> Developmental study-1 	<ul style="list-style-type: none"> Assess clinical performance with rating scale Completion of activity record
Paediatric medicine and surgery ICU	1+1	<ul style="list-style-type: none"> Provide nursing care to critically ill children 	<ul style="list-style-type: none"> Care of a baby in incubator/warmer Care of a child on ventilator Endotracheal suction Chest physiotherapy Administer fluids with infusion pump 	<ul style="list-style-type: none"> Nursing care plan 1 Observation report 1 	<ul style="list-style-type: none"> Assess clinical performance with rating scale Completion of activity record Evaluation of observation report

			<ul style="list-style-type: none"> • Total parenteral nutrition • Phototherapy • Monitoring of babies • Cardio Pulmonary resuscitation 		
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Internship

Area	Duration (in week)	Objective	Skills	Assessment
Pediatric medicine ward/ICU	1	<ul style="list-style-type: none"> • Provide comprehensive care to children with medical conditions 	<ul style="list-style-type: none"> • Integrated Practice 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale
Pediatric Surgery ward/ICU	1	<ul style="list-style-type: none"> • Provide comprehensive care to children with surgical conditions 	<ul style="list-style-type: none"> • Integrated Practice 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale
NICU	1	<ul style="list-style-type: none"> • Provide intensive care to neonates 	<ul style="list-style-type: none"> • Integrated Practice 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale

Mental Health Nursing

Placement- Third Year

Time: Theory-90 Hours
Practical-270 hours

Internship-95 hrs (2 weeks)

Course Description: The course is designed for developing an understanding of the modern approach to mental health, identification, prevention and nursing management of common mental health problems with special emphasis on therapeutic interventions for individuals, family and community.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	5	<ul style="list-style-type: none"> • Describe the historical development & current trends in mental health nursing • Describe the epidemiology of mental health problems • Describe the National Mental health Act, programmes and mental health policy 	<p>Introduction</p> <ul style="list-style-type: none"> • Perspectives of mental Health and Mental health nursing: evolution of mental health services, treatments and nursing practices • Prevalence and incidence of mental health problems and disorders • Mental Health Act • National Mental health policy vis a vis national health policy • National Mental Health programme • Mental health team • Nature and scope of mental health nursing 	<ul style="list-style-type: none"> • Lecture • Discussion 	<ul style="list-style-type: none"> • Objective type • Short answer • Assessment of the field visit reports

		<ul style="list-style-type: none"> • Discusses the scope of mental health nursing • Describe the concept of normal & abnormal behaviour 	<ul style="list-style-type: none"> • Role and functions of mental health nurse in various settings and factors affecting the level of nursing practice • Concepts of normal and abnormal behaviour 		
II	5	<ul style="list-style-type: none"> • Define the various terms used in mental health nursing • Explain the classification of mental disorders • Explain psychodynamics of maladaptive behaviour • Discuss the etiological factors, psychopathology of mental disorders • Explain the principles and 	<p>Principles and concepts of Mental Health Nursing</p> <ul style="list-style-type: none"> • Definition: mental health nursing and terminology used • Classification of mental disorders: ICD • Review of personality development, defense mechanisms • Maladaptive behaviour of individuals and groups: stress, crisis and disaster(s) • Etiology: bio-psycho-social factors • Psychopathology of mental disorders: review of structure and function of brain, limbic system and abnormal neuro transmission • Principles of Mental Health nursing • Standards of Mental Health nursing practice 	<ul style="list-style-type: none"> • Lecture discussion • Explain using charts • Review of personality development 	<ul style="list-style-type: none"> • Essay type • Short answer • Objective type

		<p>standards of mental health nursing</p> <ul style="list-style-type: none"> • Describe the conceptual models of mental health nursing 	<ul style="list-style-type: none"> • Conceptual models and the role of nurse: Existential Model Psycho-analytical models Behavioural model -Interpersonal model 		
III	8	<ul style="list-style-type: none"> • Describe nature, purpose and process of assessment of mental health status 	<p>Assessment of mental health status</p> <ul style="list-style-type: none"> • History taking • Mental status examination • Mini mental status examination • Neurological examinations: Review • Investigations: Related Blood chemistry, EEG, CT & MRI • Psychological tests • Role and responsibilities of nurse 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practical session • Clinical practice 	<ul style="list-style-type: none"> • Short answer • Objective type • Assessment of skills with check list
IV	6	<ul style="list-style-type: none"> • Identify therapeutic communication techniques • Describe therapeutic relationship • Describe therapeutic 	<p>Therapeutic communication and nurse-patient relationship</p> <ul style="list-style-type: none"> • Therapeutic communication: types, techniques, characteristics • Types of relationship • Ethics and responsibilities • Elements of nurse patient contract 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Role play • Process recording 	<ul style="list-style-type: none"> • Short answer • Objective type

		impasse and its intervention	<ul style="list-style-type: none"> • Review of technique of IPR-Johari window • Goals, phases, tasks, therapeutic techniques • Therapeutic impasse and its intervention 		
V	14	<ul style="list-style-type: none"> • Explain treatment modalities and therapies used in mental disorders and role of the nurse 	<p>Treatment modalities and therapies used in mental disorders</p> <ul style="list-style-type: none"> • Psycho Pharmacology • Psychology therapies: therapeutic community, psycho therapy-individual, psycho-analytical, cognitive and supportive, family, group, Behavioural, Play, Psychro-drama, Music, Dance, Recreational and Light therapy, Relaxation therapies, Yoga, Meditation, bio feedback • Alternative systems of medicine • Occupational therapy • Physical therapy: electro convulsive therapy • Geriatric consideration • Role of nurse in above therapies 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Group work • Practice session • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answer • Objective type

VI	5	<ul style="list-style-type: none"> • Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with Schizophrenia, and other psychotic disorders 	<p>Nursing management of patient with Schizophrenia, and other psychotic disorders</p> <ul style="list-style-type: none"> • Classification :ICD • Etiology, psycho-pathology, types, clinical manifestations, diagnosis • Nursing Assessment-History, Physical and mental assessment • Treatment modalities and nursing management of patients with Schizophrenia and other psychotic disorders • Geriatric considerations • Follow-up and home care and rehabilitation 	<ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answer • Assessment of patient management problems
VII	5	<ul style="list-style-type: none"> • Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of patients with mood disorders 	<p>Nursing management of patient with mood disorders</p> <ul style="list-style-type: none"> • Mood disorders: Bipolar affective disorder, Mania depression and dysthymia etc • Etiology, psycho-pathology, clinical manifestation diagnosis. • Nursing Assessment –History, Physical and mental assessment 	<ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answer • Assessment of patient management problems

			<ul style="list-style-type: none"> • Treatment modalities and nursing management of patients with mood disorders • Geriatric considerations • Follow-up and home care and rehabilitation 		
VIII	8	<ul style="list-style-type: none"> • Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with neurotic, stress related and somatization disorders 	<p>Nursing management of patient with neurotic, stress related and somatization disorders</p> <ul style="list-style-type: none"> • Anxiety disorder, Phobias, Dissociation and Conversion disorder, Obsessive compulsive disorder, somatoform disorders, Post traumatic stress disorder • Etiology, psycho-pathology, clinical manifestations, diagnosis • Nursing Assessment-History, Physical and mental assessment • Treatment modalities and nursing management of patients with neurotic, stress related with somatization disorders • Geriatric considerations • Follow-up and home care and rehabilitation 	<ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answer • Assessment of patient management problems

IX	5	<ul style="list-style-type: none"> • Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management of patients with substance use disorders 	<p>Nursing management of patient with substances use disorders</p> <ul style="list-style-type: none"> • Community used psychotropic substance: Classification, forms, routes, action, intoxication and withdrawal • Etiology of dependence: tolerance, psychological and physical dependence, withdrawal syndrome, diagnosis. • Nursing Assessment-History, Physical, mental assessment and drug assay • Treatment (detoxification, antabuse and narcotic antagonist therapy and harm reduction) and nursing management of patients with substance use disorders • Geriatric considerations follow-up and home care and rehabilitation 	<ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answer • Assessment of patient management problems
X	4	<ul style="list-style-type: none"> • Describe the etiology, psychopathology, clinical manifestations, diagnostic criteria and management 	<p>Nursing management of patient with personality, sexual and eating disorders</p> <ul style="list-style-type: none"> • Classification of disorders • Etiology, psycho-pathology, characteristics, diagnosis 	<ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation 	<ul style="list-style-type: none"> • Essay type • Short answer • Assessment of patient management problems

		of patients with Schizophrenia, and other psychotic disorders	<ul style="list-style-type: none"> • Nursing Assessment –History, Physical and mental assessment • Treatment modalities and nursing management of patients with personality, sexual and eating disorders. • Geriatric considerations • follow-up and home care and rehabilitation 	• Clinical practice	
XI	6	<ul style="list-style-type: none"> • Describe the etiology, psycho-pathology, clinical manifestations, diagnostic criteria and management of childhood and adolescent disorders including mental deficiency 	Nursing management of childhood and adolescent disorders including mental deficiency <ul style="list-style-type: none"> • Classification • Etiology, psycho-pathology, characteristics, diagnosis nursing Assessment –History, Physical mental and IQ assessment • Treatment modalities and nursing management of childhood disorders including mental deficiency • Follow-up and home care and rehabilitation 	<ul style="list-style-type: none"> • Lecture discussion • Case discussion • Case presentation • Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answer • Assessment of patient management problems
XII	5	<ul style="list-style-type: none"> • Describe the etiology, psycho-pathology, clinical 	Nursing management of organic brain disorders	<ul style="list-style-type: none"> • Lecture discussion 	<ul style="list-style-type: none"> • Essay type • Short answer

		manifestations. diagnostic criteria and management of organic disorders	<ul style="list-style-type: none"> • Classification : ICD • Etiology, psycho-pathology, clinical features, diagnosis and differential diagnosis (parkinsons and alzheimers) • Nursing Assessment-History, Physical, mental and neurological assessment • Treatment modalities and nursing management of organic brain disorders • Geriatric consideration • Follow-up and home care and rehabilitation 	<ul style="list-style-type: none"> • Case discussion • Case presentation • Clinical practice 	<ul style="list-style-type: none"> • Assessment of patient management problems
XIII	6	<ul style="list-style-type: none"> • Identify psychiatric emergencies and carry out crisis intervention 	Psychiatric emergencies and crisis intervention <ul style="list-style-type: none"> • Types of psychiatric emergencies and their management • Stress adaptation Model: stress and stressor, coping, resources and mechanism • Grief: Theories of grieving process, principles, techniques of counselling • Types of crisis • Crisis Intervention: • Principles, Techniques and Process • Geriatric considerations • Role and responsibilities of nurse 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Clinical practice 	<ul style="list-style-type: none"> • Short answer • Objective type

XIV	4	<ul style="list-style-type: none"> • Explain legal aspects applied in mental health settings and role of the nurse 	Legal issues in Mental Health Nursing <ul style="list-style-type: none"> • The Mental Health Act 1987: Act, Sections, Articles and their implications etc. • Indian Lunacy Act 1912 • Rights of mentally ill clients • Forensic psychiatry • Acts related to narcotic and psychotropic substances and illegal drug trafficking • Admission and discharge procedures • Roles and responsibilities of nurse 	<ul style="list-style-type: none"> • Lecture discussion • Case discussion 	<ul style="list-style-type: none"> • Short answer • Objective type
XV	4	<ul style="list-style-type: none"> • Describe the model of preventive psychiatry • Describes community mental health services and role of the nurse 	Community Mental health nursing <ul style="list-style-type: none"> • Development of Community Mental Health Services: • National Mental Health Programme • Institutionalization versus Deinstitutionalization • Model of Preventive psychiatry: Levels of Prevention • Mental Health Services available at the primary secondary, tertiary levels: including rehabilitation and role of nurse 	<ul style="list-style-type: none"> • Lecture discussion • Clinical/field practice • Field visits to mental health service agencies 	<ul style="list-style-type: none"> • Short answer • Objective type • Assessment of the field visit reports

		<ul style="list-style-type: none"> • Mental health Agencies: Government and voluntary, national and International • Mental health nursing issues for special population; children, adolescence women, Elderly victims of violence and abuse, Handicapped, HIV/AIDS etc. 		
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Mental Health Nursing-Practical

Placement- Third Year
Fourth Year

Time: 270 hours (9 weeks)
Internship-95 hrs (2 weeks)

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
Psychiatric OPD	1	<ul style="list-style-type: none"> • Assess patients with mental health problems • Observe and assist in therapies • Counsel and educate patient, and families 	<ul style="list-style-type: none"> • History taking • Perform mental status examination (MSE) • Assist in psychometric assessment • Perform Neurological examination • Observe and assist in therapies 	<ul style="list-style-type: none"> • History taking and mental status examination-2 • Health education-1 • Observation report of OPD 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of health education

			<ul style="list-style-type: none"> • Teach patients and family members 		<ul style="list-style-type: none"> • Assessment of observation report • Completion of activity record.
Child Guidance clinic	1	<ul style="list-style-type: none"> • Assessment of children with various mental health problems • Counsel and educate children, families and significant others 	<ul style="list-style-type: none"> • History taking • Assist in psychometric assessment • Observe and assist in various therapies • Teach family and significant others 	<ul style="list-style-type: none"> • Case work-1 • Observation report of different therapies-1 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of the observation report
Inpatient ward	6	<ul style="list-style-type: none"> • Assess patients with mental health Problems • To provide nursing care for patients with various mental health problems • Assist in various therapies • Counsel and educate 	<ul style="list-style-type: none"> • History taking • Perform mental status examination (MSE) • Perform Neurological examination • Assist in psychometric assessment • Record therapeutic communication 	<ul style="list-style-type: none"> • Give care to 2-3 patients with various mental disorders • Case study-1 • Care plan-2 • Clinical presentation1 • Process recording 2 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of the case study care plan,

		<ul style="list-style-type: none"> • Administer medications • Assist in Electroconvulsive therapy (ECT) • Participate in all therapies • Prepare patients for activities of daily living (ADL) • Conduct admission and discharge counselling • Counsel and teach patients and families 	<ul style="list-style-type: none"> • Maintain drug book 	<ul style="list-style-type: none"> • clinical presentation process recording • Completion of activity record 	
Community psychiatry	1	<ul style="list-style-type: none"> • To identify patients with various mental disorders • To motivate patients for early treatment • To assist in follow up clinic • Counsel and educate patient, family and community 	<ul style="list-style-type: none"> • Conduct case work • Identify individuals with mental health problems • Assists in mental health camps and clinics • Counsel and teach family members, patients and community 	<ul style="list-style-type: none"> • Case work-1 • Observation report on field visits 	<ul style="list-style-type: none"> • Assess performance with rating scale. • Evaluation of case work and observation report • Completion of activity record.

Internship

Area	Duration	Objective	Skills	Assessment
Psychiatry ward	2 weeks	Provide comprehensive care to patients with mental health problems	Integrated Practice	Assess clinical performance with rating scale

Midwifery and Obstetrical Nursing

Placement- Third Year

Time: Theory-90 Hours
Practical-180 hours

Course Description: This course is designed for students to appreciate the concept and principles of midwifery and obstetrical nursing. It helps them to acquire knowledge and skills in rendering nursing care to normal and high risk pregnant woman during antenatal, natal and post natal periods in hospitals and community settings. It also helps to develop skills in managing normal and high risk neonates and participate in family welfare programmes.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	3	<ul style="list-style-type: none"> Recognise the trends and issues in midwifery and obstetrical nursing 	Introduction to midwifery and obstetrical nursing <ul style="list-style-type: none"> Introduction to concepts of midwifery and obstetrical nursing Trends in midwifery and obstetrical nursing 	<ul style="list-style-type: none"> Lecture discussion Explain using charts and graphs 	<ul style="list-style-type: none"> Short answers Objective type

Basic B.Sc. Nursing

			<ul style="list-style-type: none"> -Historical perspectives and current trends -Legal and ethical aspects Pre-conception care and preparing for parenthood -Role of nurse in midwifery and obstetrical care. -National policy and legislation in relation to maternal health and welfare. -Maternal, morbidity, mortality and fertility rates - Perinatal, morbidity and mortality rates 		
II	8	<ul style="list-style-type: none"> Describe the anatomy and physiology of female reproductive system 	Review of anatomy and physiology of female reproductive system and foetal development <ul style="list-style-type: none"> Female pelvis-general description of the bones joints, ligaments, planes of the pelvis diameters of the true pelvis, important landmarks, variations in pelvis shape. Female organs of reproduction-external genitalia, internal genital 	<ul style="list-style-type: none"> Lecture discussion Review with charts and models 	<ul style="list-style-type: none"> Short answers Objective type

Basic B.Sc. Nursing

			<p>organs and their anatomical relations, musculature-blood-supply, nerves, lymphatics, pelvic cellular tissue, pelvic peritoneum.</p> <ul style="list-style-type: none"> • Physiology of menstrual cycle • Human sexuality • Foetal development <ul style="list-style-type: none"> -Conception <ul style="list-style-type: none"> -Review of fertilization, implantation (embedding of the ovum), development of the embryo and placenta of term-functions, abnormalities, the foetal sac, amniotic fluid, the umbilical chord. -Foetal circulation, foetal skull, bones, sutures and measurements. • Review of Genetics 		
III	8	<ul style="list-style-type: none"> • Describe the diagnosis and management of women during antenatal period 	<p>Assessment and management of pregnancy (ante-natal)</p> <ul style="list-style-type: none"> • Normal pregnancy • Physiological changes during pregnancy 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Case Discussion/ Presentation • Health talk 	<ul style="list-style-type: none"> • Short answers • Objective type • Assessment of skills with check list

			<p>Reproductive system Cardio vascular system Respiratory system Urinary system Gastro intestinal system Metabolic changes Skeletal changes Skin changes Endocrine system Psychological changes -Discomforts of pregnancy</p> <ul style="list-style-type: none"> • Diagnosis of pregnancy <ul style="list-style-type: none"> -Signs <ul style="list-style-type: none"> Differential diagnosis Confirmatory tests • Ante-natal care <ul style="list-style-type: none"> -Objectives <ul style="list-style-type: none"> Assessment -History and physical examination -Antenatal Examination <ul style="list-style-type: none"> Signs of previous child-birth Relationship of foetus to uterus and pelvis: Lie, Attitude, Presentation, Position Per vaginal examination 	<ul style="list-style-type: none"> • Practice session • Counselling session • Suppressed clinical practice 	<ul style="list-style-type: none"> • Assessment of patient management problems
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		<ul style="list-style-type: none"> • Screening and assessment for high risk. • Risk approach • History and Physical Examination • Modalities of diagnosis; Invasive & Non-Invasive, ultrasonics, cardiotomography, NST, CST • Antenatal preparation <ul style="list-style-type: none"> -Antenatal counseling Antenatal exercises Diet Substance use Education for child-birth Husband and families Preparation for safe-confinement Prevention from radiation • Psycho-social and cultural aspects of pregnancy <ul style="list-style-type: none"> Adjustment to pregnancy Unwed mother Single parent Teenage pregnancy Sexual violence • Adoption 		
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IV	12	<ul style="list-style-type: none"> • Describe the physiology and stages of labour. • Describe the management of women during intra-natal period 	<p>Assessment and management of intra-natal period</p> <ul style="list-style-type: none"> • Physiology of labour, mechanism of labour • Management of labour • First stage <ul style="list-style-type: none"> Signs and symptoms of onset of labour; normal and abnormal Duration Preparation of: <ul style="list-style-type: none"> • Labour room • Woman <ul style="list-style-type: none"> -Assessment and observation of women in labour; partogram-maternal and foetal monitoring Active management of labour, induction of labour -Pain relief and comfort in labour • Second stage <ul style="list-style-type: none"> -Signs and symptoms; normal and abnormal Duration -Conduct of delivery; Principles and techniques 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Case discussion/presentation • Simulated practice • Supervised Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problems
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			<p>Episiotomy (only if required)</p> <ul style="list-style-type: none"> -Receiving the new born Neonatal resuscitation; initial steps and subsequent resuscitation Care of umbilical cord Immediate assessment including screening for congenital anomalies -Identification -Bonding Initiate feeding Screening and transportation of the neonate • Third stage Signs and symptoms: normal and abnormal -Duration -Method of placental expulsion Management; Principles and techniques -Examination of the placenta Examination of perineum • Maintaining records and reports • Fourth stage 		
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V	5	<ul style="list-style-type: none"> • Describe the physiology of puerperium • Describe the management of women during post-natal period. 	<p>Assessment and management of women during post natal period</p> <ul style="list-style-type: none"> • Normal puerperium; Physiology duration • Postnatal assessment and management promoting physical and emotional well-being Lactation management Immunization Family dynamics after child-birth Family welfare services, methods, counselling Follow-up - Records and reports 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Health talk • Practice session • Supervised Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problems
VI	6	<ul style="list-style-type: none"> • Describe the assessment and management of normal neonate 	<p>Assessment and management of normal neonates</p> <ul style="list-style-type: none"> • Normal Neonate -Physiological adaptation Initial & Daily assessment Essential newborn care; thermal control -Breast feeding, prevention of infections 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Counseling session • Supervised Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient

			<ul style="list-style-type: none"> • Immunization • Minor disorders of newborn and its management • Levels of Neonatal care (level I, II & III). • At primary, secondary and tertiary levels • Maintenance of reports and records 		management problems
VII	10	<ul style="list-style-type: none"> • Describe the identification and management of women with high risk pregnancy 	<p>High-risk pregnancy-assessment & management</p> <ul style="list-style-type: none"> • Screening & assessment <ul style="list-style-type: none"> -Ultrasonics, cardiotomography, NST, CST, non-invasive & invasive. Newer modalities of diagnosis • High-risk approach • Levels of care; primary, secondary and tertiary levels • Disorders of pregnancy <ul style="list-style-type: none"> -Hyper-emesis gravidarum, bleeding in early pregnancy, abortion, ectopic -Pregnancy, vesicular mole. 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration using video films, scan reports, partograph etc • Case discussion/presentation • Health talk • Practice session • Counseling session • Supervised Clinical practice 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list • Assessment of patient management problems

			<ul style="list-style-type: none"> -Ante-partum haemorrhage • Uterine abnormality and displacement • Diseases complicating pregnancy <ul style="list-style-type: none"> Medical complicating pregnancy <ul style="list-style-type: none"> -Infections, RTI (STD), UTI, HIV, TORCH -Gynaecological diseases <ul style="list-style-type: none"> Pregnancy induced hypertension & diabetes; Toxemia of pregnancy, hydramnios Rh incompatibility Mental disorders • Adolescent pregnancy, Elderly primi and grand multipara • Multiple pregnancy • Abnormalities of placenta & cord • Intra-uterine growth-retardation • Nursing management of mothers with high-risk pregnancy • Maintenance of records and report 		
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III	10	<ul style="list-style-type: none"> Describe management of abnormal labour, and obstetrical emergencies 	<ul style="list-style-type: none"> Abnormal Labour-assessment and management Disorders in labour <ul style="list-style-type: none"> -CPD and contracted pelvis Malpositions and malpresentations Premature labour, disorders of uterine actions- precipitate labour, prolonged labour Complications of third stage: injuries to birth canal Obstetrical emergencies and their management <ul style="list-style-type: none"> Presentation and prolapse of cord, vasa praevia, amniotic fluid embolism, rupture of uterus, shoulder dystocia, obstetrical shock. Obstetrical procedures and operations <ul style="list-style-type: none"> Induction of labour, forceps, vacuum version, manual removal of placenta, caesarean section, destructive operations 	<ul style="list-style-type: none"> Lecture discussion Demonstration Case discussion/presentation Practice session Supervised Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with check list Assessment of patient management problems
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			<ul style="list-style-type: none"> Nursing management of women undergoing Obstetrical operations and procedures 		
IX	4	<ul style="list-style-type: none"> Describe management of post natal complications 	<ul style="list-style-type: none"> Abnormalities during Postnatal periods Assessment and management of woman with postnatal complications <ul style="list-style-type: none"> Puerperial infections; breast engorgement & infections, UTI, thrombo-Embolic disorders, post-partum haemorrhage, Eclampsia and subinvolution Psychological complications: <ul style="list-style-type: none"> Post partum Blues Post partum Depression - Post partum Psychosis 	<ul style="list-style-type: none"> Lecture discussion Demonstration Case discussion/presentation Supervised Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with check list Assessment of patient management problems
X	10	<ul style="list-style-type: none"> Identify the high risk neonates and their nursing management 	<ul style="list-style-type: none"> Assessment and management of High risk newborn Admission of neonates in the neonatal intensive care units-protocols Nursing management of: <ul style="list-style-type: none"> Low birth weight babies 	<ul style="list-style-type: none"> Lecture discussion Demonstration Practice session Case discussion/presentation Supervised Clinical practice 	<ul style="list-style-type: none"> Essay type Short answers Objective type Assessment of skills with check list

			Infections Respiratory problems Haemolytic disorders Birth injuries Malformations		<ul style="list-style-type: none"> • Assessment of patient management problems
XI	4	<ul style="list-style-type: none"> • Describe indication, dosage action, side effects and nurses responsibilities in the administration of drugs used for mothers 	<ul style="list-style-type: none"> • Pharmacotherapeutics in obstetrics • Indication, dosage, action, contra indication and side effects of drugs • Effect of drugs on pregnancy, labour & puerperium • Nursing responsibilities in the administration of drug in obstetrics –oxytocins, antihypertensives, diuretics, tocolytic agents, antic-convulsants. 	<ul style="list-style-type: none"> • Lecture discussion • Drug book • Drug presentation 	<ul style="list-style-type: none"> • Short answer • Objective type

			<ul style="list-style-type: none"> • Analgesics and anesthetics in obstetrics • Effects of maternal medication on foetus and neonate 		
XII	10	<ul style="list-style-type: none"> • Appreciate the importance of family welfare programme • Describe the methods of contraception and role of nurse in family welfare programmes 	Family Welfare Programmes <ul style="list-style-type: none"> • Population trends and problems in India • Concepts, aims, importance and history of family welfare programme • National population dynamics, policy and education • National family welfare programme; RCH, ICDS, MCH safe motherhood • Organization and administration at national, state, district, block and village levels • Methods of contraception spacing, temporary and permanent, Emergency contraception • Infertility and its management • Counseling for family welfare • Latest research in contraception 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised practice • Group project • Counseling session • Field visits 	<ul style="list-style-type: none"> • Essay type • Short answers • Objective type • Assessment of skills with check list, project and field visits reports

			<ul style="list-style-type: none"> • Maintenance of vital statistics • Role of national, international and voluntary organizations • Role of a nurse in family welfare programme • Training/Supervision/Collaboration with other functionaries in community like ANMs, LHVs, Anganwadi workers, TBAs (Traditional birth attendant-Dai) 		
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Midwifery and Obstetrical Nursing-Practical

Placement- Third Year
Fourth Year

Time: 180 hours (Third year)
Internship-240 hrs

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
Antenatal clinic/OPD	2	<ul style="list-style-type: none"> • Assessment of pregnant women 	<ul style="list-style-type: none"> • Antenatal history taking • Physical examination • Recording of Weight & B.P. • Hb & Urine testing for sugar and albumin • Antenatal examination- abdomen and breast 	<ul style="list-style-type: none"> • * Conduct Antenatal Examinations-30 • Health talk-1 • Case book recordings 	<ul style="list-style-type: none"> • Verification of findings of Antenatal examinations • Completion of case book recordings
			<ul style="list-style-type: none"> • Immunization • Assessment of risk status • Teaching antenatal mothers • Maintenance of Antenatal records 		
Labour room O.T.	4	<ul style="list-style-type: none"> • Assess woman in labour • Carry out per-vaginal examinations • Conduct normal deliveries • Perform episiotomy and suture it • Resuscitate newborns • Assist with Caesarean sections, MTP and other surgical procedures 	<ul style="list-style-type: none"> • Assessment of woman in labour • Pervaginal examinations and interpretation • Monitoring and caring of woman in labour • Maintenance of partograph • conduct normal delivery • Newborn assessment and immediate care • Resuscitation of newborns • Assessment of risk status of newborn • Episiotomy and suturing • Maintenance of labour and birth records • Arrange for and assist with Caesarean section and care for woman & baby during Caesarean 	<ul style="list-style-type: none"> • * Conduct normal deliveries-20 • * Pervaginal examinations-5 • * Perform and Suture the episiotomies-5 • * Resuscitate newborns-5 • * Assist with Caesarean Section-2 • * Witness abnormal deliveries-5 • Assist with MTP and other surgical 	<ul style="list-style-type: none"> • Assessment of clinical performance with rating scale • Assessment of each skill with checklists • Completion of case book recordings

			<ul style="list-style-type: none"> • Arrange for and assist with MTP and other surgical procedures 	<ul style="list-style-type: none"> • procedure-1 • Case book recordings 	
Post-natal ward	4	<ul style="list-style-type: none"> • Provide nursing care to post natal mother and baby • Counsel and teach mother and family for parent hood 	<ul style="list-style-type: none"> • Examination and assessment of mother and baby • Identification of deviations • Care of postnatal mother and baby • Perineal care • Lactation management • Breast feeding • Babybath • Immunization • Teaching postnatal mother: Mother craft Post natal care & Exercises -Immunization 	<ul style="list-style-type: none"> • Give care to post natal mothers-20 • Health talks-1 • Case study-1 • Case presentation-1 • Case book recordings 	<ul style="list-style-type: none"> • Assessment of clinical performance • Assessment of each skill with checklists • Completion of case book recording • Evaluation of case study and presentation and health education sessions
New Born Nursery	2	<ul style="list-style-type: none"> • Provide nursing care to newborn at risk 	<ul style="list-style-type: none"> • Newborn assessment • Admission of neonates • Feeding of at risk neonates • Katori, spoon, palady, tube 	<ul style="list-style-type: none"> • Case study-1 • Observation study-1 	<ul style="list-style-type: none"> • Assessment of clinical performance • Assessment of each skill

			<p>feeding, total parenteral nutrition</p> <ul style="list-style-type: none"> • Thermal management of neonates-kangaroo mother care, care of baby in incubator • Monitoring and care of neonates • Administering medications • Intravenous therapy • Assisting with diagnostic procedure • Assisting with exchange transfusion • Care of baby on ventilator • Phototherapy • Infection control protocols in the nursery • Teaching and counselling of parents • Maintenance of neonatal records 		<p>with checklists</p> <ul style="list-style-type: none"> • Evaluation of and observation study
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Family Planning clinic	Rotation from post natal ward 1 wk	<ul style="list-style-type: none"> • Counsel for and provide family welfare services 	<ul style="list-style-type: none"> • Counselling technique • Insertion of IUD's • Teaching on use of family planning methods • Arrange for and Assist with family planning operations • Maintenance of records and reports 	<ul style="list-style-type: none"> • IUD insertion -5 • Observation study-1 • Counselling-2 • Simulation exercise on recording and reporting-1 	<ul style="list-style-type: none"> • Assessment of each skill with checklists • Evaluation of and observation study
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*** Essential Requirements for registration as midwife**

- * Antenatal examination- 30
- * Conducting normal deliveries in hospital/home/health centre-20
- * Vaginal examination -5
- * Episiotomy and suturing-5
- * Neonatal resuscitation-5
- * Assist with Caesarean Section-2
- * Witness/Assist abnormal deliveries-5
- * Postnatal cases nursed in hospital/home/health centre-20
- * Insertion of IUD-5

Note: All casebooks must be certified by teacher on completion of essential requirements

Internship Obstetrical Nursing

Internship Duration-5 weeks

Area	Duration (In weeks)	Objective	Skills	Assignment	Assessment methods
Labour ward	2	<ul style="list-style-type: none"> • Provide comprehensive care to mothers and neonates 	<ul style="list-style-type: none"> • Integrated practice 	<ul style="list-style-type: none"> • Completion of other essential requirements • Case book recordings 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale • Completion of case book recordings
Neonatal intensive care unit/NICU	1				
Antenatal	2				

Community Health Nursing-II

Placement- Fourth Year

Time: Theory-90 Hours

Practical-135 hours

Course Description: This course is designed for students to practice community health nursing for the individual, family and groups at both urban and rural settings by using concept and principles of health and community health nursing.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	4	<ul style="list-style-type: none"> • Define concept, 	Introduction <ul style="list-style-type: none"> • Definition, concept & scope 	<ul style="list-style-type: none"> • Lecture discussion 	<ul style="list-style-type: none"> • Essay type • Short

		scope, principles and historical development of community health and community health nursing	of community health and community health nursing <ul style="list-style-type: none"> Historical development of <ul style="list-style-type: none"> -Community health Community health nursing Pre-independence - Post-independence 		answers
II	6	<ul style="list-style-type: none"> Describe health plans, policies, various health committees and health problems in India 	Health planning and policies and problems <ul style="list-style-type: none"> National health planning in India-five year plans Various committees and commissions on health and family welfare <ul style="list-style-type: none"> Central council for health and family welfare (CCH and FW) National health policies (1983, 2002) National population policy Health problems in India 	<ul style="list-style-type: none"> Lecture discussion Panel discussion 	<ul style="list-style-type: none"> Essay type Short answers

III	15	<ul style="list-style-type: none"> Describe the system of delivery of community health services in rural and urban areas List the functions of various levels and their staffing pattern Explain the components of health services Describe alternative systems of health promotion and health maintenance. 	Delivery of community health services <ul style="list-style-type: none"> Planning, budgeting and material management of SCs, PHC and CHC Rural: Organization, staffing and functions of rural health services provided by government at: <ul style="list-style-type: none"> Village Subcentre Primary health centre Community health center/subdivisional – Hospitals District State Centre Urban: Organization, staffing and functions of urban health services provided by government at: <ul style="list-style-type: none"> -Slums -Dispensaries -Maternal and child health centers 	<ul style="list-style-type: none"> Lecture discussion Visits to various health delivery systems Supervised field practice Panel discussion 	<ul style="list-style-type: none"> Essay type Short answers
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		<ul style="list-style-type: none"> Describe the chain of referral system 	<ul style="list-style-type: none"> -Special Clinics -Hospitals -Corporation/ Municipality/Board • Components of health services <ul style="list-style-type: none"> -Environmental sanitation -Health education -Vital statistics -M.C.H. antenatal, natal, postnatal, MTP Act, female foeticide act, child adoption act -Family welfare -National health programmes -School health services -Occupational health -Defence Services -Institutional services • Systems of medicine and health care <ul style="list-style-type: none"> -Allopathy -Indian system of Medicine and Homeopathy 		
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			<ul style="list-style-type: none"> -Alternative health care systems like yoga, meditation, social and spiritual healing etc • Referral system 	<ul style="list-style-type: none"> -Pleural effusion 	
IV	25	<ul style="list-style-type: none"> Describe Community Health Nursing approaches and concepts • Describe the roles and responsibilities of Community health nursing personnel 	<p>Community health nursing approaches, concepts and roles and responsibilities of nursing personnel</p> <ul style="list-style-type: none"> • Approaches <ul style="list-style-type: none"> -Nursing theories and nursing process -Epidemiological approach -Problem solving approach -Evidence based approach -Empowering people to care for themselves • Concepts of Primary Health Care: <ul style="list-style-type: none"> -Equitable distribution -Community participation -Focus on prevention -Use of appropriate technology -Mutli-sectoral approach 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised field practice • Participation in camps • Group project 	<ul style="list-style-type: none"> • Essay type • Short answers

			<ul style="list-style-type: none"> • Roles and Responsibilities of Community health nursing personnel in <ul style="list-style-type: none"> -Family health services -Information Education Communication (IEC) -Management Information System (MIS): Maintenance of Records & reports -Training and supervision of various categories of health workers -National Health Programmes -Environmental sanitation -Maternal and child health and Family welfare -Treatment of Minor ailments -School Health Services -Occupational Health -Organisation of clinics, camps: Types, Preparation, planning, conduct and evaluation 		
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			<ul style="list-style-type: none"> -Waste management in the center, clinics etc. • Home visit: Concept, Principles, Process, Techniques: Bag technique home visit • Qualities of Community Health Nurse • Job Description of Community health nursing personnel 		
V	15	<ul style="list-style-type: none"> • Describe and appreciate the activities of community health nurse in assisting individuals and groups to promote and maintain their health 	<p>Assisting individuals and groups to promote and maintain their health</p> <ul style="list-style-type: none"> • Empowerment for self care of individuals, families and groups in- A. Assessment of self and family <ul style="list-style-type: none"> -Monitoring growth and development -Miles stones -Weight measurement -Social development -Temperature and Blood pressure monitoring 	<ul style="list-style-type: none"> • Lecture discussion • Demonstration • Practice session • Supervised field practice • Individual/group/family/ community health education 	<ul style="list-style-type: none"> • Essay type • Short answers

			<p>--Menstrual cycle -Breast self examination and testicles -Warning signs of various diseases -Tests: Urine for sugar and albumin, blood sugar</p> <p>B. Seek health services for -Routing check up -Immunization -Counseling -Diagnosis -Treatment -Follow up</p> <p>C. Maintenance of health records for self and family</p> <p>D. Continue medical care and follow up in community for various diseases and disabilities</p> <p>E. Carry out therapeutic procedures as prescribed/required for self and family</p>	
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			<p>F. Waste Management</p> <ul style="list-style-type: none"> • Collection and disposable of waste at home and community <p>G. Sensitize and handle social issues affecting health and development for self and family</p> <ul style="list-style-type: none"> • Women Empowerment • Women and child abuse • Abuse of elders • Female Foeticide • Commercial sex workers • Food adulteration • Substance abuse <p>H. Utilize community resources for self and family</p> <ul style="list-style-type: none"> • Trauma services • Old age homes • Orphanage • Homes for physically and mentally challenged individuals • Homes for destitute 	
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VI	20	<ul style="list-style-type: none"> Describe national health and family welfare programmes and role of a nurse Describe the various health schemes in India 	<ul style="list-style-type: none"> National health and family welfare programmes and the role of a nurse 1) National ARI programme 2) Revised National Tuberculosis Control Programme (RNTCP) 3) National Anti-Malaria programme 4) National Filaria control programme 5) National Guinea worm eradication programme 6) National Leprosy eradication programme 7) National AIDS control programme 8) STD control programme 9) National programme for control of blindness 10) Iodine deficiency disorder programme 11) Expanded programme on immunization 	<ul style="list-style-type: none"> Lecture discussion Participation in national health programmes Field visits 	<ul style="list-style-type: none"> Essay type Short answers
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			<ol style="list-style-type: none"> National Family Welfare Programme-RCH Programme historical development, organisation, administration, research, constraints National water supply and sanitation programme Minimum Need programme National Diabetics control programme Polio Eradication: Pulse Polio Programme National Cancer Control Programme Yaws Eradication Programme National Nutritional Anemia Prophylaxis programme 20 point programme ICDS programme Mid-day meal applied nutritional programme National mental health programme 		
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			<ul style="list-style-type: none"> Health schemes • ESI • CGHS - Health insurance 		
VII	5	<ul style="list-style-type: none"> Explain the roles and functions of various national and international health agencies 	<ul style="list-style-type: none"> Health Agencies International- WHO, UNFPA, UNDP, World Bank, FAO, UNICEF, DANIDA, European Commission (EC), Red cross, USAID, UNESCO, Colombo Plan, ILO, CARE etc. National- Indian Red Cross, Indian Council for child welfare, Family Planning Association of India (FPAI), Tuberculosis Association of India, Hindu Kusht Nivaran Sangh, Central Social Welfare Board, All India women's conference, Blind Association of India etc. 	<ul style="list-style-type: none"> Lecture discussion Field visits 	<ul style="list-style-type: none"> Essay type Short answers

Community Health Nursing-II-Practical

Placement- Fourth Year

Time: Practical-135 Hours
Internship-195 hours

Area	Duration (In weeks)	Objective	Skills	Assignment	Assessment methods
Community Health Nursing	1 wk for urban 4 wk for rural	<ul style="list-style-type: none"> Identify community profile Identify prevalent communicable and non-communicable diseases Diagnose health needs of individual, families and community Plan, provide and evaluate care 	<ul style="list-style-type: none"> Community health survey Community diagnosis Family care: Home adaptation of common procedures Home visit: Bag technique Organize and conduct clinics-antenatal, post natal, well baby clinic, camps etc Screen manage and referrals for: High risk mothers and neonates Accidents and emergencies Illnesses: Physical and 	<ul style="list-style-type: none"> Community survey report-1 Family care study-1 Project-1 Health talk-1 Case book recording 	<ul style="list-style-type: none"> Assess clinical performance with rating scale Evaluation of community survey report, family care study, project and health talk Completion of activity record. Completion of case book recording

		<ul style="list-style-type: none"> • Participate in school health program • Participate in national health programs • Organize group for self help and involve clients in their own health activities • Provide family welfare services • Counsel and educate individual, family and community 	<p>mental Disabilities</p> <ul style="list-style-type: none"> • Conduct delivery at centre/home: episiotomy and suturing • Resuscitate new born • School Health programme <p>CEã Screen, manage, refer children</p> <ul style="list-style-type: none"> • Collaborate with health and allied agencies • Train and supervise health workers • Provide family welfare services: insertion of IUD • Counsel and teach individual, family and community about: HIV, TB, Diabetes, hypertension, Mental health, adolescents, 		
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		<ul style="list-style-type: none"> • Collect vital health statistics • Maintain records & reports 	<p>elderly's health, physically and mentally challenged individuals etc.</p> <ul style="list-style-type: none"> • Collect and calculate vital health statistics • Document and maintain Individual, family and administrative records. <p>- Write reports-center, disease, national, health programme/ projects.</p>		
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Placement: Internship**Time: 4 Weeks**

Area	Duration	Objective	Skills	Assessment
Urban	4 weeks	<ul style="list-style-type: none"> • Provide comprehensive care to individual, family and community 	<ul style="list-style-type: none"> • Integrated Practice and group project-1 in each rural and urban 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale. • Evaluation of project

Note: During the rural posting they should stay in health centres under the supervision of teachers.

Nursing Research and Statistics

Placement- Fourth Year
Internship

Time: Theory-45 Hours
Practical-45 hours

Course Description: The Course is designed to enable students to develop an understanding of basic concepts of research, research process and statistics. It is further, structured to conduct/participate in need based research studies in various settings and utilize the research findings to provide quality nursing care. The hours for practical will be utilized for conducting individual/group research project.

Unit	Time (Hrs)	Learning Objectives	Content	Teaching Learning Activities	Assessment methods
I	4	<ul style="list-style-type: none"> Describe the concept of research, terms, need and areas of research in nursing. Explain the steps of research process. 	Research and research process <ul style="list-style-type: none"> Introduction and need for nursing research Definition of research & nursing research Steps of scientific method Characteristics of good research Steps of research process-overview 	<ul style="list-style-type: none"> Lecture Discussion Narrate steps of research process followed from examples of published studies 	<ul style="list-style-type: none"> Short answer Objective type
II	3	<ul style="list-style-type: none"> Identify state the research problem and objectives 	Research Problem/Question <ul style="list-style-type: none"> Identification of problem area Problem statement Criteria of a good research problem. Writing objectives 	<ul style="list-style-type: none"> Lecture Discussion Exercise on writing statement of problem and objectives 	<ul style="list-style-type: none"> Short answer Objective type

III	3	<ul style="list-style-type: none"> Review the related literature 	Review of Literature <ul style="list-style-type: none"> Location Sources On line search CINHAL, COCHRANE etc Purposes Method of review 	<ul style="list-style-type: none"> Lecture Discussion. Exercise on reviewing one research report/article for a selected research problem Prepare annotated bibliography 	<ul style="list-style-type: none"> Short answer Objective type
IV	4	<ul style="list-style-type: none"> Describe the research approaches and designs 	Research approaches and designs <ul style="list-style-type: none"> Historical, survey and experimental Qualitative and Quantitative designs 	<ul style="list-style-type: none"> Lecture Discussion Explain types of research approaches used from examples of published and unpublished research studies with rationale 	<ul style="list-style-type: none"> Short answer Objective type
V	8	<ul style="list-style-type: none"> Explain the sampling process Describe the methods of data collection 	Sampling and data collection <ul style="list-style-type: none"> Definition of population, sample, sampling criteria, factors influencing sampling process, types of sampling techniques Data-why, what, from whom, when and where to collect. Data collection methods and instruments 	<ul style="list-style-type: none"> Lecture Discussion Reading assignment on examples of data collection tools. Presentation of sample data collection tool. Conduct group research project 	<ul style="list-style-type: none"> Short answer Objective type

			<ul style="list-style-type: none"> -Methods of data collection -Questioning, interviewing -Observations, record analysis and measurement -Types of instruments -Validity & Reliability of the instrument -Pilot study - Data collection procedure 		
VI	4	<ul style="list-style-type: none"> Analyze, Interpret and summarize the research data 	Analysis of data: <ul style="list-style-type: none"> • Compilation, Tabulation, classification, summarization, presentation, interpretation of data 	<ul style="list-style-type: none"> • Lecture Discussion • Preparation of sample tables 	<ul style="list-style-type: none"> • Short answer • Objective type
VII	15	<ul style="list-style-type: none"> • Explain the use of statistics, scales of measurement and graphical presentation of data • Describe the measures of central tendency and variability and methods of correlation 	Introduction to Statistics <ul style="list-style-type: none"> • Definition use of statistics, scale of measurement • Frequency distribution and graphical presentation of data • Mean, Median, Mode, Standard deviation • Normal Probability and tests of significance • Co-efficient of correlation • Statistical packages and its application 	<ul style="list-style-type: none"> • Lecture Discussion • Practice on graphical presentations • Practice on computation of measures of central tendency, variability & correlation 	<ul style="list-style-type: none"> • Short answer • Objective type

VIII	4	<ul style="list-style-type: none"> • Communicate and utilize the research findings 	Communication and utilization of Research <ul style="list-style-type: none"> • Communication of research findings <ul style="list-style-type: none"> -Verbal report -Writing research report -Writing scientific article/paper -critical review of published research -Utilization of research findings 	<ul style="list-style-type: none"> • Lecture Discussion • Read/Presentation of a sample published/unpublished research report. • Writing group research project 	<ul style="list-style-type: none"> • Short answer • Objective type • . oral presentation assessment of group research project.
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Management of Nursing Services and Education

Placement- Fourth Year

Time: Theory-90 Hours

Course Description: This course is designed to enable students to acquire knowledge of management of clinical and community health nursing services, nursing educational programmes. This is also designed to enable students to acquire understanding of the professional responsibilities, prospects and contribution to the growth of the profession.

Unit	Time (Hrs) Th.	Pr.	Learning objectives	Content	Teaching Learning Activities	Assessment methods
I	4		<ul style="list-style-type: none"> • Explain the principles and functions of management 	<ul style="list-style-type: none"> • Introduction to management in nursing • Definition, concepts and theories 	<ul style="list-style-type: none"> • Lecture Discussion • Explain using organization chart 	<ul style="list-style-type: none"> • Short Answers

			<ul style="list-style-type: none"> • Functions of management • Principles of management • Role of Nurse as a manager 			
II	5		<ul style="list-style-type: none"> • Describe the elements and process of management 	<ul style="list-style-type: none"> • Management process • Planning; mission, philosophy, objectives, operational plan • Staffing: philosophy, staffing study, norms, activities, patient classification systems, scheduling • Human resource management; recruiting, selecting, deployment, retaining, promoting, superannuation etc • Budgeting: concept, principles, types, cost benefit analysis, audit • Material management: equipment and supplies • Directing process (leading) • Controlling: Quality management • Program Evaluation Review Technique (PERT), Bench marking, Activity Plan (Gantt Chart) 	<ul style="list-style-type: none"> • Lecture Discussion • Simulated Exercises • Case studies 	<ul style="list-style-type: none"> • Essay type • Short answers

III	8	20	<ul style="list-style-type: none"> • Describe the management of nursing services in the hospital and community 	<ul style="list-style-type: none"> • Management of nursing services in the hospital and community • Planning: <ul style="list-style-type: none"> -Hospital and patient care units including ward management. -Emergency and disaster management • Human resource management • Recruiting, selecting, deployment, retaining, promoting, superannuation etc • Categories of nursing personnel including job description of all levels • Patient/population classification systems <ul style="list-style-type: none"> -Patients/population assignment and nursing care responsibilities -staff development and welfare • Budgeting: proposal, projecting requirements for staff, equipments and supplies for <ul style="list-style-type: none"> -Hospital and patient care units • Emergency and disaster management 	<ul style="list-style-type: none"> • Lecture Discussion • Demonstration • Stimulated Exercises • Case studies • Supervised practice in ward-writing indents, preparing duty roaster, ward supervision • Assignment on duties and responsibilities of ward sister • Writing report 	<ul style="list-style-type: none"> • Essay type • Short answers • Assessment of problem solving exercise. • Assessment of the assignments • Performance evaluation by ward sister with rating scale
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				<ul style="list-style-type: none"> • Material Management; procurement, inventory control, auditing and maintenance in • Hospital and patient care units • Emergency and disaster management • Directing and leading delegation, participatory management -Assignments, rotations, delegations • Supervision & guidance • Implement Standards, policies, procedures and practices • Staff development and welfare • Maintenance of discipline • Controlling/Evaluation: • Nursing rounds/visits, nursing protocols, manuals • Quality Assurance model • Records and reports • Performance appraisal 		
IV	5		<ul style="list-style-type: none"> • Describe the concepts, theories and techniques of 	<ul style="list-style-type: none"> • Organizational behaviour and human relations • Concepts and theories of organizational behaviours 	<ul style="list-style-type: none"> • lecture discussion • Role plays • Group games • Self assessment 	<ul style="list-style-type: none"> • Essay type • Short answers

			<ul style="list-style-type: none"> • organizational behaviour and human relations 	<ul style="list-style-type: none"> • Review of channels of communication • Leadership styles • Review of Motivation: concepts and theories • Group dynamics • Techniques of • Communication and • Interpersonal relationship -Human relations • Public relations in context of nursing • Relations with professional associations and employee unions and collective bargaining 	<ul style="list-style-type: none"> • Case discussion • Practice Session 	<ul style="list-style-type: none"> • Assessment of problem solving
V	5	5	<ul style="list-style-type: none"> • Participate in planning and organizing in service education program 	<ul style="list-style-type: none"> • In service education • Nature & scope of in-service education program • Organization of inservice education • principles of adult learning • Planning for in-service education program, techniques, methods & evaluation of staff education program • Preparation of report 	<ul style="list-style-type: none"> • Lecture Discussion • Plan & conduct an educational session for in service nursing personnel 	<ul style="list-style-type: none"> • Short answer • objective type • Assess the planning & conduct of the educational session

VI	10	<ul style="list-style-type: none"> Describe management of nursing educational institutions 	<ul style="list-style-type: none"> Management of nursing educational institutions Establishment of nursing educational institution-INC norms and guidelines Co-ordination with Regulatory bodies Accreditation Affiliation Philosophy/objectives Organization Structure committees Physical facilities -College/School -Hostel Students Selection Admission Guidance and counseling Maintaining discipline -Faculty and staff Selection -Recruitment Job description 	<ul style="list-style-type: none"> Lecture Discussion Role plays Counseling session Group Exercises 	<ul style="list-style-type: none"> Essay type Short answers
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			<ul style="list-style-type: none"> Placement Performance appraisal Development and welfare Budgeting Equipments and supplies: audio visual equipments, laboratory equipment, books, journals, etc Curriculum, Planning, implementation and evaluation Clinical facilities Transport facilities Institutional records and reports-administrative, faculty, staff and students 		
VII	10	<ul style="list-style-type: none"> Describe the ethical and legal responsibilities of a professional nurse. Explain the nursing practice standards 	Nursing as a profession <ul style="list-style-type: none"> Nursing as a profession Philosophy; nursing practice Aims & objectives Characteristics of a professional nurse -Regulatory bodies; INC, SNC Acts:- constitution, functions Current trends and issues in nursing 	<ul style="list-style-type: none"> Lecture discussion Case discussion Panel discussion Role plays Critical incidents Visit to INC/SNRCs 	<ul style="list-style-type: none"> Short answers Assessment of critical incidents

			<ul style="list-style-type: none"> • Professional ethics • code of ethics; INC, ICN • Code of professional conduct, INC, ICN • Practice standards of nursing: INC • Consumer protection act • Legal aspects in nursing • Legal terms related registration and licensing • Laws related to nursing practice breach and penalties • - Malpractice and negligence 		
VIII	3	<ul style="list-style-type: none"> • Explain the various opportunities for professional advancement 	Professional Advancement: <ul style="list-style-type: none"> • Continuing education • Career opportunities • Collective bargaining • Membership with professional organizations, national and international • Participation in research activities • Publications: Journals, newspapers etc. 	<ul style="list-style-type: none"> • Lecture Discussion • Review/presentation of published articles • Group work on maintenance of bulletin board 	<ul style="list-style-type: none"> • Short answers