



ROYAL GLOBAL UNIVERSITY

— ♦ — GUWAHATI — ♦ —

(Royal School of Nursing)

(RSN)

(Name of Department, if applicable)

SYLLABUS

&

COURSE STRUCTURE

Name of the course: B. Sc. Nursing

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ROYAL SCHOOL OF NURSING
THE ASSAM ROYAL GLOBAL UNIVERSITY
Vision, Mission, values, Philosophy, Goal & Objectives

Vision Statement

The Royal School of Nursing, Guwahati, is committed to bring the best virtual alliance of knowledge and skills through excellent quality education, practice and research, encouraging global standards in health care continuum.

Mission Statement:

The mission of Royal School of nursing, Guwahati is to provide quality education and prepare globally competent, culturally sensitive, compassionate nurses with diverse clinical experience. We seek to develop integration between research, education and practice by promoting interdisciplinary collaboration among the health care professionals and provide advanced career opportunities for betterment of the society.

Values:

- Commitment
- Dignity
- Integrity
- Sustainability

Philosophy:

Royal School of Nursing believes that the provision of University Based education is to promote professionalism within an academic framework by collaborating theory, practice and research.

The philosophy of Nursing programme emphasizes promotive, preventive, curative and rehabilitative phases of care for people across their life span in local, regional, and global communities irrespective of class and creed.

The faculties of Royal School of Nursing are committed to be a role model for providing a high quality nursing education and advancement of nursing knowledge with active participation in generating enthusiasm for endure learning amongst students.

The RSN enables the alumni to lead a psychologically, socially and economically productive life by adhering to code of ethics and professional conduct and establish integration with other disciplines to inculcate cultural competency to improve health outcomes.

Goals and Objectives:

Goal 1:

To deliver excellent quality education inspiring global standard in nursing

- Plan and offer nursing curriculum to meet the health needs of the society based on National Health Policy by providing promotive, preventive, curative and rehabilitative health services.
- Apply knowledge of nursing science, physical, biological and behavioral sciences, medicine including alternative system to increase cognitive, affective and psychomotor competencies.
- Provide superior healthcare services by utilizing the latest trends and technology.
- Application of quality nursing care with compassion and respect.

Goal 2:

To achieve excellence in the field of nursing research to improve the quality of patient care

- Promote the development of evidence – based practice and problem-solving approaches by contributing towards knowledge generation, dissemination and utilization of research findings.
- Encourage faculties and youth to write research projects and publish research papers in peer reviewed scientific journals, both in national and international forum.
- Foster human resource development through interdisciplinary collaboration by scientific programs and receive research grants for conducting research projects.
- Nurture culture of Journal club presentations among the faculty members to keep updated with the latest advancements in the health care scenario.

Goal 3:

To produce lifelong learners and leaders in health care for the advancement of practice in professional nursing

- Encourage faculties and students to participate in scholarly activities by attending workshops, conferences and seminars contributing to academic excellence.
- Design and implement Continuing Nursing Education (CNE) programs in various fields related to Nursing.

- Inspire alumni association for continuing education in the field of nursing after graduation.
- Facilitate in service training programs for upliftment of the nursing profession.

Goal 4:

To motivate the students to imply the ethical principles and practice professional ethics for care of the patient

- Inculcate the values of commitment, dignity, integrity and sustainability to nurture positive attitude among the students.
- Apply ethical principles and code of professional ethics by considering every individual as unique human being.
- Enrich the pupil to become responsible citizen by adhering to the code of ethics and professionals conduct in fulfilling personal, social and professional obligations.
- Provide comprehensive, holistic care according to the priorities and demand of the society.

Goal 5:

To promote employability of the students both nationally and internationally who can function in a wide variety of professional setting

- Equip the students with realistic experience throughout the course, to adopt various roles in clinical area, community setting and academic institutions.
- Coordinate with various reputed hospitals and agencies within the country and overseas for campus placement of the students.
- Offer an economically sound and socially productive life with assurance of hundred percent placement

Scheme of Examination

First Year B. Sc. Nursing

Subject			Assessment			
Sl. No	Course code	Theory	Hours	Internal	External	Total
1	NRS172C101	Anatomy & Physiology	3	25	75 (37+38)	100
2	NRS172C102	Nutrition and Biochemistry	3	25	75(45+30)	100
3	NRS172C103	Nursing Foundations	3	25	75	100
4	NRS172C104	Psychology	3	25	75	100
5	NRS172C105	Microbiology	3	25	75	100
6	NRS172C106	Introduction to computer	3	25	35(T)+40(P)	100
7	NRS172C107	English	3	25	75	100
8	NRS172A108	Behavioural Science	3	30	70	100
		Practical and Viva voce				
1	NRS172C113	Nursing Foundations		100	100	200

Second Year B. Sc. Nursing

Subject			Assessment			
S l. N o .	Course code	Theory	Hour s	Inter nal	External	Total
1	NRS172C201	Sociology	3	25	75	100
2	NRS172C202	Pharmacology, Pathology, Genetics	3	25	75(38+25 +12)	100
3	NRS172C203	Medical-Surgical Nursing-I	3	25	75	100
4	NRS172C204	Community Health Nursing- I	3	25	75	100
5	NRS172C205	Communication and Educational Technology	3	25	75	100
6	Cen982A301	Communicative English	3	30	70	100
8	EVS982A303	Environmental Science	3	30	70	100
9	NRS172S208	Japanese	3	30	70	100
S l. N o .		Practical & Viva Voce	Hour s	Inter nal	External	Total
1	NRS172C211	Medical –Surgical Nursing-I		100	100	200

Third Year B. Sc. Nursing

S l. N o	Subject		Assessment			
		Theory	Hour s	Internal	Externa l	Total
1	NRS172C301	Medical- Surgical Nursing-II	3	25	75	100
2	NRS172C302	Child Health Nursing	3	25	75	100
3	NRS172C303	Mental Health Nursing	3	25	75	100
4	NRS172D305	Nursing Research & Statistics	3	25	75 (50+25)	100
5	NRS172D306	Midwifery and Obstetrical Nursing	3	30	70	100
6	CEN982A501	Communicative English	3	30	70	100
S L · N o		Practical & Viva voce	Hour s	Internal	Externa l	Total
1	NRS172C311	Medical-Surgical Nursing-II		50	50	100
2	NRS172C312	Child Health Nursing		50	50	100
3	NRS172C313	Mental Health Nursing		50	50	100

Fourth Year B. Sc. Nursing

			Assessment			
SL. No.	Subject	Theory	Hours	Internal	External	Total
1	NRS172C401	Midwifery and Obstetrical Nursing	3	25	75	100
2	NRS172C402	Community Health Nursing-II	3	25	75	100
3	NRS172C403	Management of Nursing Services and Education	3	25	75	100
SL. No.		Practical & Viva voce	Hours	Internal	External	Total
1	NRS172C411	Midwifery and Obstetrical Nursing		50	50	100
2	NRS172C412	Community Health Nursing-II		50	50	100
3		Research Project		70 (Report Writing)	30 (Viva)	100

Note:

1. Anatomy and Physiology-Question paper will consist of section A Anatomy of 37 marks and B physiology should be of 38 marks

2. Nutrition and Biochemistry and- Question paper will consist of Section A Nutrition of 45 marks and Section B of Biochemistry of 30 marks
3. Pharmacology, genetics, pathology: Section A of Pharmacology with 38 marks, Section B of pathology of 25 and genetics with 12 marks
4. Nursing Research & Statistics- Nursing Research should be of 50 marks and Statistics of 25 marks
5. Minimum pass mark shall be 40% for English only
6. 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 mark sheet.
7. Minimum pass shall be 50% in each of the theory and practical papers separately.
8. A candidate must have minimum of 80% attendance (irrespective of the kind of absence) in theory and practical in each subject for appearing for examination.
9. A candidate must have 100% attendance in each of the practical areas before award of degree
10. A candidate has to pass in theory and practical exam separately in each of the paper.
11. If a candidate fails in either theory or practical paper he/ she has to re-appear for both the papers (Theory and Practical)
12. The candidate shall have all the previous examination before appearing for the final year examination.
13. No institution shall submit average internal marks of the test students more than 75% is if 40 students are admitted in a course the average score of the 40 students shall not exceed 75% of total internal marks.
14. The maximum period to complete the course successfully should not exceed 8 years
15. Maximum number of candidates for practical examination should not exceed 20 per day
16. All practical examinations must be held in the respective clinical areas.
17. One internal and one external examiner should jointly conduct practical examination for each student.
18. An examiner should be a lecturer or above in a college of nursing with M.Sc. (N) in concerned subject and minimum of three years of teaching experience. To be an examiner for nursing foundations course faculty having M.Sc. (N) with any specialty shall be considered.

ROYAL SCHOOL OF NURSING

ROYAL GLOBAL UNIVERSITY

YEA R	CORE COURSE	credit	Ability Enhancem ent Compulsor y Course (AECC)	credit	Ability Enhance ment Elective Course (AECC) (Skill Based)	credit	Elective: Discipline Specific DSE	credit	Electi ve: Gene ric (GE)	Credit	No of papers each semester
I	Anatomy & Physiology	4	Behavioura l Science- I&II	1							9
	Nutrition and Biochemistry	6									
	Nursing Foundation	15									
	Nursing Foundation Practical (450 hrs)										
	Psychology	2									
	Microbiology	2									
	Introduction to computer	3									
	English	2									

II	Sociology	2	Communicative English	1	Japanese	1					9
	Pharmacology, Pathology, Genetics	3	Environmental Science	1							
	Medical-Surgical Nursing – I	6									
	Medical-Surgical Nursing – I (Clinical – 720 hrs))										
	Community Health Nursing – I	4									
	Community Health Nursing – I (Clinical -135 hrs)										
	Communication Education Technology	3									
III	Medical Surgical Nursing - II	6	Comm. English	1			Nursing Research and statistics	4			9
	Medical Surgical Nursing – II										

	(Clinical – 270 hrs)									
	Child Health Nursing	4					Midwifery and obstetrica I Nursing	4		
	Child Health Nursing (Clinical – 270 hours)									
	Mental Health Nursing	4					Midwifery and obstetrica I nursing (Clinical-180 hrs)			
	Mental Health Nursing (Clinical – 270 hrs)									
VI	Midwifery and Obstetrical Nursing	3								5
	Midwifery and Obstetrical Nursing (Clinical – 180 hrs)									
	Community Health Nursing – II	3								
	Community Health									

	Nursing – II (Clinical – 135 hrs)									
	Management of Nursing Service & Education	2								
	Research Project – (45 hrs)									
	Internship (1152 hours)									
Total		74		4		1		8		32

*1 Credit = 30 hours per year

*Total Practical Hours = 3762 Hours

CURRICULUM

Name of Course: B. Sc. Nursing
Programme Structure

1st Year B. Sc. Nursing							
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects (Please Add rows, as required)							
1	NRS172C101	Anatomy & Physiology	3	0	1	4	5
2	NRS172C102	Nutrition and Biochemistry	2	0	2	4	6
3	NRS172C103	Nursing Foundations	9	0	6	15	15
	NRS172C113	Nursing Foundations (clinical)					450
4	NRS172C104	Psychology	2	0	0	2	2
5	NRS172C105	Microbiology	2	0	0	2	2
6	NRS172C106	Introduction to computer	1	0	1	2	3
7	NRS172C107	English	1	0	0	1	1
Ability Enhancement Compulsory Courses (AECC)							
1	NRS172A108	Behavioral Science – I & II	1	0	0	1	1
Ability Enhancement Elective Courses (AEEC)							
Generic Elective							

Library study-50 hours

Co-curricular Activities -50 hours

*Clinical posting depicts total hours in a year.

FIRST YEAR B SC NURSING

SYLLABUS (1 st Year B Sc Nursing)			
Subject Name: English		Subject Code: NRS172C107	
L-T-P-C – 1-0-0-1	Credit Units:1	Scheme of Evaluation: (T)	

Course Objective:

The objectives of the course is to introduce students to enhance ability to comprehend spoken and written English (and use English) required for effective communication in their professional work. Students will practice their skills in verbal and written English during clinical and classroom experiences.

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	<ul style="list-style-type: none">• Review of Grammar<ul style="list-style-type: none">- Remedial study of grammar- Building Vocabulary- Phonetics- Public Speaking	10
II.	II	Read and comprehend prescribed course books	30
III.	III	<ul style="list-style-type: none">• Various forms of composition<ul style="list-style-type: none">- Letter writing- Note taking- Précis writing- Nurses notes- Anecdotal records- Diary writing- Reports on health problems etc.- Resume/CV	10

IV	IV	<ul style="list-style-type: none"> • Spoken English - Oral report - Discussion - Debate - Telephonic conversation 	10
	V	<ul style="list-style-type: none"> • Listening comprehension - Media, audio, video, speeches etc. 	
TOTAL			60

Text/Reference Books:

1. Agarwala, N.K (2010). *Essentials of English Grammar and Composition*. New Delhi: Goyal Brothers Prakashan.
2. Bansal, RK, Harrison, JB. (1993). *Spoken English for India*. Orient Longman.
3. Blake, W. (2000). *The Selected Poems of William Blake*.
4. Henry, O. (1992). *The Best of O. Henry*. Courage Books
5. Mehra, Payal. (2012). *Business Communication for Managers*. India: Dorling Kindersley India Pvt. Ltd.
6. Raman, Meenakshi and Sharma, Sangeeta. (2011). *Technical Communication: Principles and Practice*: Oxford University Press.
7. Raman, Meenakshi and Singh, Prakash.(2012). *Business Communication*: Oxford University Press.
8. Sengupta, Sailesh.(2011) *Business and Managerial Communication*. New Delhi: PHI Learning Pvt. Ltd.

Course Outcomes:

On completion of this course students will be expected to enhance ability to comprehend spoken and written English (and use English) required for effective communication in their professional work. Students will practice their skills in verbal and written English during clinical and classroom experiences.

SYLLABUS (1stYear B Sc Nursing)		
Subject Name: Anatomy	Subject Code: NRS172C101	
L-T-P-C – 3-0-1-4	Credit Units: 4	Scheme of Evaluation: (T)

Course Objective:

The objective of the course is to introduce students to acquire knowledge of the normal structure of various human body systems and understand the alterations in anatomical structures in disease and practice of nursing.

Detailed Syllabus:

Modules		Topics (if applicable) & Course Contents	Periods
I.	I	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 • Application and implication in nursing 	5
	II	The Respiratory System <ul style="list-style-type: none"> • Structure of the organs of respiration • Muscles of respiration: Inter-costal and Diaphragm • Alterations in disease • Applications and implications in nursing 	5
	III	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 	6

II.	IV	<p>The skeletal System</p> <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 	6
	V	<p>The Muscular System</p> <ul style="list-style-type: none"> • Types and structure of muscles • Muscle groups • Alteration in disease • Application and implications in nursing 	7
	VI	<p>The Nervous System</p> <ul style="list-style-type: none"> • Structure of neurologia & neurons • Somatic Nervous System • Structure of brain, spinal cord, cranial nerves, spinal nerves, Peripheral nerves • Autonomic Nervous system-Sympathetic, para-sympathetic • Structure, location • Alterations in disease • Applications and implications in nursing 	6

III.	VII	<p>Circulatory and Lymphatic system</p> <ul style="list-style-type: none"> • The Circulatory System <ul style="list-style-type: none"> - Blood- Microscopic structure - Structure of heart Structure of blood vessels- Arterial & Venous System, - Circulation: systematic, pulmonary, coronary • Lymphatic system <ul style="list-style-type: none"> - Lymphatic vessels and lymph - Lymphatic tissues <ul style="list-style-type: none"> ▪ Thymus gland ▪ Lymph nodes ▪ Spleen ▪ Lymphatic nodules ▪ Alterations in disease ▪ Applications and implications in nursing 	7
	VIII	<p>The Excretory System</p> <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 	4
	IX	<p>The Endocrine System</p> <ul style="list-style-type: none"> • Structure of Pituitary, pancreas, thyroid, parathyroid, thymus and adrenal glands • Alterations in disease • Applications and implications in nursing 	4

IV	X	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 	6
	XI	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 	4
TOTAL			60

Text/Reference Book

1. Alison,G. Anne,W.(2014). *Ross and Wilson Anatomy and Physiology in Health and Illness*. Elsevier Health; UK
2. Asha Latha.P.R., Deepa. G. *Text book of Anatomy & Physiology for Nurses*.
3. Asthalatha PR. Deepa G. (2015).*Textbook of Anatomy and Physiology for Nurses*. Jaypee Brothers Medical Publishers
4. Joshi. (2018).*Physiology practical manual 2/E, for B.Sc occupational and physical therapy, B.Sc Nursing & allied sciences*
5. Kapoor R. (2014). *Physiology practical manual 2/E, for B.Sc occupational and physical therapy, B.Sc Nursing & allied sciences*
6. Khurana, I. Khurana A. (2018).*Textbook of anatomy and physiology for nurses and allied health sciences*. CBS Publishers & Distributors;
7. Khurana, I., Khurana, A., (2018).*Textbook of anatomy and physiology*
8. Shekar C N C. Manipal Manual Of Medical Physiology: CBS Publication
9. Singh, S.H.(2017). *Principles of human physiology for courses in nursing and allied health sciences*: CBS Publishers & Distributors
10. Tortora,GJ. &Derrickson B.(2008).*Principles of Anatomy and Physiology*. Wiley

11. Venkatesh D. Sudhakar H.H. (2016). *Basics of anatomy, physiology & microbiology level 1*: CBS Publishers & Distributors.
12. Yalayaswamy N.N.(2018). *Human anatomy and physiology for courses in nursing and allied health sciences*.

Course Outcomes:

On completion of this course students will be expected to gain knowledge regarding various structures, histological appearance of various organs of the human body.

SYLLABUS (1ST Year B Sc Nursing)

Subject Name: Physiology

Subject Code: NRS172C101

L-T-P-C – 3-0-1-4

Credit Units:4

Scheme of Evaluation: (T)

Course Objective:

The objectives of the course is to introduce students acquire knowledge of the normal physiology of various human body systems and understand the alterations in physiology in diseases and practice of nursing.

Detailed Syllabus:

Modules	Hours	Topics (if applicable) & Course Contents	Periods
I.	I	Cell Physiology <ul style="list-style-type: none">• Tissue –formation, repair• Membranes and glands-functions• Alterations in disease• Applications and implications in nursing	4
	II	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	4

	<p style="text-align: center;">III</p>	<p>Muscular System</p> <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 	<p style="text-align: center;">4</p>
	<p style="text-align: center;">IV</p>	<p>The Respiratory system</p> <ul style="list-style-type: none"> • Function of respiratory organs • Physiology of respiration • Pulmonary ventilation, Volume • Machines 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 	<p style="text-align: center;">6</p>

II.	V	<p>Nervous System</p> <ul style="list-style-type: none"> • Functions of Neurologia & 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 • Autonomic functions- Pain: somatic, visceral, and referred Autonomic learning and biofeedback Alterations in disease Applications and implications in nursing 	8
	VI	<p>Circulatory System</p> <ul style="list-style-type: none"> • Blood formation, composition, blood groups, blood coagulation • Haemoglobin: Structure, synthesis and breakdown, Variation of molecules, estimation • Function of Heart, conduction, Cardiac cycle, circulation-principles, Control, factors influencing BP and Pulse • Alterations in disease • Applications and implications in nursing 	7

III.	VII	<p>The Digestive System</p> <ul style="list-style-type: none"> • Function of organs of digestive tract. Movements of alimentary tract, Digestion in mouth, stomach, small intestines, large intestines, Absorption of food. Function of liver, gall bladder and pancreas Metabolism of carbohydrates, protein and fat 	6
	VIII	<p>The Excretory System</p> <ul style="list-style-type: none"> • Function of kidneys, ureters, urinary bladder & urethra Composition of urine • Mechanism of urine formation • Functions of skin • Regulation of body temperature • Fluid and electrolyte balance. • Alterations in disease • Applications and implications in nursing 	5

	IX	Lymphatic and Immuno-logical System <ul style="list-style-type: none"> • Circulation of Lymph • Immunity • Formation of T-cells and B-cells • Type of Immune response • Antigens • Cytokines • Antibodies 	2
	X	The Sensory Organs <ul style="list-style-type: none"> • Function of skin, eye, ear, nose, tongue, • Alterations in disease • Applications and implications in nursing 	4
IV	XI	The Endocrine System <ul style="list-style-type: none"> • Function of pituitary, pineal body, thymus, Thyroid, parathyroid, pancreas, Suprarenal, Placenta and ovaries & Testes • Alterations in disease • Applications and implications in nursing 	5

	XII	<p>The Reproductive System</p> <ul style="list-style-type: none"> • Reproduction of cells-DNA, • Mitosis, Meiosis, spermatogenesis, oogenesis. • Function of female reproductive organs; Function of breast, Female sexual cycle. • Introduction to embryology. • Function of male reproductive organs, Male function in reproduction, Male fertility system, • Alterations in disease • Applications and implications 	5
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Text/Reference Book

1. Alison,G. Anne,W.(2014). *Ross and Wilson Anatomy and Physiology in Health and Illness*. Elsevier Health; UK
2. Asha Latha.P.R., Deepa. G. *Text book of Anatomy & Physiology for Nurses*.
3. Asthalatha PR. Deepa G. (2015).*Textbook of Anatomy and Physiology for Nurses*. Jaypee Brothers Medical Publishers
4. Joshi. (2018).*Physiology practical manual 2/E, for B.Sc occupational and physical therapy, B.Sc Nursing & allied sciences*
5. Kapoor R. (2014). *Physiology practical manual 2/E, for B.Sc occupational and physical therapy, B.Sc Nursing & allied sciences*
6. Khurana, I. Khurana A. (2018).*Textbook of anatomy and physiology for nurses and allied health sciences*. CBS Publishers & Distributors;
7. Khurana, I., Khurana, A., (2018).*Textbook of anatomy and physiology*
8. Shekar C N C. Manipal Manual Of Medical Physiology: CBS Publication
9. Singh, S.H.(2017). *Principles of human physiology for courses in nursing and allied health sciences*: CBS Publishers & Distributors
10. Tortora,GJ. &Derrickson B.(2008).*Principles of Anatomy and Physiology*. Wiley
11. Venkatesh D. Sudhakar H.H. (2016). *Basics of anatomy, physiology & microbiology level 1*: CBS Publishers & Distributors.

12. Yalayaswamy N.N.(2018). *Human anatomy and physiology for courses in nursing and allied health sciences.*

Course Outcomes:

On completion of this course students will be expected to acquire knowledge of the normal physiology of various human body systems and understand the alterations in physiology in diseases and practice of nursing.

SYLLABUS (1ST Year B. Sc. Nursing)**Subject Name: Nutrition****Subject Code: NRS172C102****L-T-P-C – 2-0-2-4 Credit Units:4****Scheme of Evaluation: (T)****Course Objective:**

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.

Detailed Syllabus:

Modules	Units	Topics (if applicable) & Course Contents	Periods
I.	I	Introduction <ul style="list-style-type: none">• Nutrition:• History• Concepts• Role of Nutrition in maintaining health• Nutritional problems in India• National nutritional policy• Factors affecting food and nutrition: socio-economic, cultural, traditional, production, system of distribution, life style and food habits etc.• Role of foods and its medicinal value• Classification of foods• Food standards• Elements of nutrition: macro & micro• Calorie, BMR	4

	II	<p>Carbohydrates</p> <ul style="list-style-type: none"> • Classification • Calorie value • Recommended daily allowances • Dietary sources • Functions • Digestion, absorption and storage, metabolism of carbohydrates • Malnutrition: Deficiencies and Over consumption 	2
	III	<p>Fats</p> <ul style="list-style-type: none"> • Classification, • Calorie value • Recommended daily allowances • Dietary sources • Functions. • Digestion, absorption and storage, metabolism • Malnutrition: Deficiencies and Over consumption 	2
	IV	<p>Proteins</p> <ul style="list-style-type: none"> • Classification, • Calorie value • Recommended daily allowances • Dietary sources • Functions. • Digestion, absorption , metabolism and storage • Malnutrition: Deficiencies and Over consumption 	2

	V	Energy <ul style="list-style-type: none"> • Unit of energy • Energy requirements of different categories of people. • Measurement of energy • Body mass index(BMI) and basic metabolism • Basal Metabolic Rate(BMR)-Determination and factors affecting 	3
II	VI	Balanced diet <ul style="list-style-type: none"> • Elements • Food groups • Recommended daily Allowances • Nutritive value of foods • Calculation of balanced diet for different categories of people • Planning menu • Budgeting of food • Introduction to therapeutic diets: Naturopathy-Diet 	7 Theory 5 Practical
III	VII	Vitamins <ul style="list-style-type: none"> • Classification • Recommended daily allowances • Dietary sources • Functions. • Absorption, synthesis, metabolism storage and excretion • Deficiencies: Hyper-vitaminosis 	4

	VIII	<p>Minerals</p> <ul style="list-style-type: none"> • Classification • Recommended daily allowances • Dietary sources. • Functions • Absorption, Synthesis, metabolism storage and excretion • Deficiencies: Over consumption and toxicity 	4
	IX	<p>Water and Electrolytes</p> <ul style="list-style-type: none"> • Water: Daily requirement, regulation of water • Metabolism, distribution of body water, • Electrolytes: Types, sources, composition of body fluids • Maintenance of fluid& electrolyte balance • Over hydration, dehydration 	3
	X	<p>Role of nurse in Nutritional Programmes</p> <ul style="list-style-type: none"> • National programme related to nutrition • 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 - NIPCCD, CARE, FAO, NIN, CFTRI (central food technology and research institute)etc. • Assessment of nutritional status • Nutrition education and role of nurse 	4

IV	XI	Cookery rules and preservation of nutrients <ul style="list-style-type: none"> • Principle, methods of cooking and serving • 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. 	5 Theory 15 Practical
		TOTAL	60

Text/ Reference Book

1. Darshan sohi. *A comprehensive text book of Nutrition and Therapeutic diet-For B.sc and Post basic*. Jaypee Brothers medical publishers.
2. IndranT.K. *Nursing manual of Nutrition and Therapeutic diet*. Jaypee Brothers Medical Publishers (P) Ltd.
3. Lal H.(2013). *Food and Nutrition- 2/E – Medical Nursing & Allied Sciences*.
4. Monika S. *Textbook of Nutrition*. CBS Publishers & Distributors Pvt. Ltd.
5. Sharma. (2017). *Textbook of Nutrition for B.Sc Nursing Students*
6. Sohi D. *A comprehensive textbook of nutrition and therapeutic diets for B.Sc. Nursing Students*
7. SubhanganiJA. *Nutrition and Dietetics*. Mc Grew Hill

Course Outcomes:

On completion of this course students will be expected to utilize the knowledge of nutrition for maintenance of optimum health at different stages of life and its application for practice of nursing

SYLLABUS (1ST Year B Sc Nursing)		
Subject Name: Biochemistry	Subject Code: NRS172C102	
L-T-P-C – 2-0-2-4	Credit Units: 4	Scheme of Evaluation: (T)

Course Objective:

The objectives of the course is to introduce 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.

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I.	<p>Introduction</p> <ul style="list-style-type: none"> • Definition and significance in nursing • Review of structure, Composition and functions of cell prokaryote and Eukaryote cell organization • Microscopy 	3
	II.	<p>Structure and functions of cell Membrane</p> <ul style="list-style-type: none"> • Fluid mosaic model tight junction, Cytoskeleton • Transport mechanism: diffusion, osmosis, filtration, active channel, sodium pump • Acid base balance-maintenance &diagnostic tests • PH buffers 	6
II.	III	<p>Composition and metabolism of carbohydrates</p> <ul style="list-style-type: none"> • Types, structure, composition and uses • Monosaccharide, • Disaccharides, • Polysaccharides • Oligosaccharides 	6

		<ul style="list-style-type: none"> • Metabolism • Pathways of glucose • Glycolysis • Gluconeogenesis: Cori's cycle, Tricarboxylic acid(TCA) CYCLE • Glycogenolysis • Pentose phosphate pathway (Hexosemonophosphate) • Regulation of blood glucose level • Investigations and their interpretations 	
	IV	<p>Composition and 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 	4
III.	V	<p>Composition and metabolism of Amino acids and Proteins</p> <ul style="list-style-type: none"> • Types, structure, composition and uses of Amino acids and Proteins • Protein synthesis targeting and glycosylation 	6

		<ul style="list-style-type: none"> • Chromatography • Electrophoresis • Sequencing • Metabolism of Nitrogen • Fixation and assimilation • Urea cycle • Hemes and chlorophylls • Enzymes and co-enzymes • Classification • Properties • Kinetics and inhibition Control • Investigations and their interpretations 	
IV	VI	<p>Composition of Vitamins and Minerals</p> <ul style="list-style-type: none"> • Vitamins and Minerals • Structure • Classification • Properties • Absorption • Storage and transportation • Normal concentration • Investigations and their interpretations 	2
	VII	<p>Immunochemistry</p> <ul style="list-style-type: none"> • Immune response • Structure and classification of Immunoglobins • Mechanism of antibody production • Antigens: HLA typing. • Free radical and Antioxidants. • Specialized protein: Collagen, Elastin, Keratin, Myosin, Lens, Protein. 	3

		<ul style="list-style-type: none"> • Electrophoretic and quantitative determination of immunoglobins –ELISA etc. • Investigations and their interpretations 	
TOTAL			30

Text/ Reference Book:

1. Anandhi, A.. *Introduction to biochemistry and metabolism*
2. Bob. B. Buchanan, William M. *Biochemistry & molecular biology of plants*
3. David T. Plummer. *An introduction to Practical Biochemistry*
4. Deb, A.C. (2001). *Fundamental of biochemistry*. Kolkata: New Central Book Agency
5. Golakiya, B.A. Patel, S.V. Gajera, H.P.(2008). *Fundamental of biochemistry*. Lucknow: International book distributing company
6. Lal, H. (2017). *Essentials of Biochemistry for B.Sc Nursing Students*
7. Michael M.David, L. Nelson. *Principles of biochemistry*
8. Nigam SC & Omkar. *Experimental Animal Physiology and Biochemistry*
9. Okotore, R.O. *Basic Separation Techniques in biochemistry*
10. Randhawa S.S.(2012). Examination master in Biochemistry. S.Vikas and company publishers.
11. Satyanarayana, U. Chakrapani, U.(2017). *Biochemistry*. Elsevier India
12. Shantaram, M.(2014). *Biochemistry and Nutrition for BSc Nursing*. New Delhi: Jaypee brothers medical publishers limited

Course Outcomes:

On completion of this course students will be expected 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.

SYLLABUS (1ST Year B. Sc. Nursing)**Subject Name: Nursing Foundation****Subject Code: NRS172C103****L-T-P-C – 9-0-6-15****Credit Units:15****Scheme of Evaluation: (TP)****Course Objective:**

The objective of the course is to introduce 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 student to acquire knowledge, understanding and skills in techniques of nursing and practice them in Supervised Clinical settings.

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	Introduction <ul style="list-style-type: none">• Concept of health: health illness continuum• Factors influencing health• Causes and risk factors for developing illness• Body defences: immunity and immunizations• Illness and illness behaviours• Impact of illness on patients and family• Health care services: health promotion and prevention, primary care, diagnosis, treatment, rehabilitations and continuing care• Health care teams• Types of health care agencies• Hospitals: types, organization and functions• Health promotion and level of disease prevention• Primary health care and its delivery: Role of nurse	10
	II	Nursing as a profession <ul style="list-style-type: none">• Definition and characteristics of a profession• Nursing: Definition, concepts, philosophy, objectives	16

		<ul style="list-style-type: none"> - Characteristics, nature and scope of nursing practice - Functions of nurse - Qualities of a nurse - Categories of nursing personal - History of nursing in India • Values: Definition, Types, Values clarification and Values in professional nursing: Caring and Advocacy • Ethics: Definition and ethical principles • Code of ethics and professional conduct for nurses 	
	III	<p>Hospital admission and discharge</p> <ul style="list-style-type: none"> • Admission to the hospital <ul style="list-style-type: none"> - Unit and its preparations- admission bed - Admission procedure - Special considerations - Medico-legal issues - Roles and responsibilities of the nurse • Discharge from the hospital <ul style="list-style-type: none"> - Types: Planned discharge, - LAMA and abscond, Referral and transfer - Discharge planning - Discharge procedure - Special considerations - Medico-legal issue - Roles and responsibilities of the nurse • Care of the unit after discharge 	4
	IV	<p>Communication and nurse patient relationship</p> <ul style="list-style-type: none"> • Communication: Levels, Elements Types, modes, process, Factors influencing communication - Methods of Effective Communication, <ul style="list-style-type: none"> ○ Attending skills ○ Rapport 	10

	<ul style="list-style-type: none"> ○ building skills ○ Empathy skills ○ Barriers to effective communication, ● Helping Relationships(NPR) Dimension 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 group(Children, women, physically and mentally challenged and elderly Patient Teaching : Importance, purposes, process, role of nurse and integrating teaching in Nursing process. 	
V	<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 judgement: Data interpretation - Nursing diagnosis - Identification of Client problems - Nursing Diagnosis statement - Difference between medical and nursing diagnosis - Planning - Establishing priorities - Establishing Goals and Expected outcomes - Selection of interventions: - Protocols and standing orders 	15

		<ul style="list-style-type: none"> - Writing the nursing care Plan - Implementation - Implementing the plan of care - Evaluation - Outcome of care - Review and modify • Documentation and Reporting 	
	VI	<p>Vital signs</p> <ul style="list-style-type: none"> • Guidelines for taking vital signs: • Body temperature: <ul style="list-style-type: none"> - Physiology, Regulation, Factors effecting body temperature, - Assessment of body temperature: sites, equipment and technique, special considerations - Temperature alterations: Hyperthermia, Heatstroke, Hypothermia - Hot and cold applications • Pulse: <ul style="list-style-type: none"> - Physiology and Regulation, - Characteristics of the respiration, Factors affecting pulse - Assessment of pulse: sites, location, equipment and technique, special considerations - Alterations in pulse: • Respiration: <ul style="list-style-type: none"> - Physiology and Regulation, Machines of breathing characteristics of the respirations, factors affecting respiration - Assessment of respirations: technique, special considerations - Alterations is respiration 	15

		<ul style="list-style-type: none"> • 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 technique, special considerations - Alterations in blood pressure - Recording of vital signs 	
II.	VII	<p>Health assessment</p> <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-Inspections, Palpation , Percussion, Auscultation, Olfaction ○ Preparation for examination: patient and unit ○ General assessment ○ Assessment of each body system ○ Recording of health assessment 	30
	VIII	<p>Machinery, equipment and linen</p> <ul style="list-style-type: none"> • Types: Disposables and re-usable-linen, rubber goods, glass ware, metal, plastics, furniture, machinery. • Introduction <ul style="list-style-type: none"> - Indent - Maintenance inventory 	5
	IX	<p>Infection control in clinical settings</p> <ul style="list-style-type: none"> • Infection control • Nature of infection • Chain of infection transmission • Defences against infection: • Natural and acquired 	20

		<ul style="list-style-type: none"> • Hospital acquired infection(Nosocomial infection) • 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 asepsis (scrub) - Isolation: source and protective - Personal protecting equipments: types uses and technique of wearing and removing - Decontamination of equipment and unit - Transportation of infected patients - Standard safety precautions(universal precautions) - Transmission based precautions • Biomedical waste management: <ul style="list-style-type: none"> - Importance - Types of hospital waste - Hazards associated with hospital waste - Decontamination of hospital waste • Segregation and transportation and disposal 	
	X	<p>Meeting special needs of the patient</p> <ul style="list-style-type: none"> • Care of patient having alteration I 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 and hearing impairment) - Assessment of self-care ability - Communications methods and special considerations 	15

		<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: <ul style="list-style-type: none"> • Treatment related to gastrointestinal system: naso-gastric suction, gastric irrigations, gastric analysis. 	
III.	XI	<p>Meeting needs of patient</p> <p>Basic needs(Activities of daily living)</p> <ul style="list-style-type: none"> - Providing clean and safe environment: <ul style="list-style-type: none"> • Physical environment : • Temperature, • Humidity, Noise, • Ventilation, light, dour, • Pests control • Reduction of physical • Hazards: fire, accidents • Safety devices: Restraints, side rails, • Airways, trapezetc • Role of nurse in Providing safe and Clean environment - Hygiene:- <ul style="list-style-type: none"> • Factors influencing Hygiene practice • Hygienic care: Care of the skin- Bath and pressure points, feet and nail, Oral cavity, • Hair care, Eyes, Ears, and nose 	60

		<ul style="list-style-type: none"> • Assessment, Principles, types, Equipments, Procedure, Special considerations • Patient environment: Room Equipment and linen, making patient beds Types of beds making - Comfort:- <ul style="list-style-type: none"> • Factors influencing comfort • comfort devices - Physiological needs: <ul style="list-style-type: none"> • 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 effecting nutritional needs • Assessment of nutritional needs: Variables • Meeting Nutritional needs: Principle, equipments, procedure and special considerations • Oral Enteral: Naso/Oro-gastric, gastrostomy • 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 • Facilitating urine elimination: assessment, types, equipments, procedures and special considerations • Providing urinal / bed pan 	
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		<ul style="list-style-type: none"> • Condom drainage • Perineal care • Catheterization • Care of urinary diversions • Bladder irrigation • Bowel Elimination • Review of Physiology of Bowel Elimination , Composition and characteristics of faces • Factors affecting bowel elimination • Alteration in bowel elimination • Types and collection of specimen of faces: • Observation • Facilitating bowel elimination: assessment, equipments procedures and special considerations • Passing flatus tube • Enemas • Suppository • Sit bath • Bowel wash • Care of ostomies • Mobility and Immobility • Principles of body machines • Maintenance of normal body alignment and mobility • Hazard associated with immobility • Alteration in body • alignment and mobility • Nursing interventions for Impaired Body Alignment and Mobility: assessment, Types, devices used, method and Special consideration, Rehabilitation aspects • Range of motion exercises 	
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		<ul style="list-style-type: none"> • Maintaining body alignment: Positions • Moving • Lifting • Transferring • Walking • Restraints • Oxygenations • Review of cardiovascular and respiratory • Physiology • Factors Affecting Oxygenation • Alteration in Oxygenation • Nursing intervention in oxygenation: assessment, • Types, equipment used procedure and special considerations • Maintenance of patent airway • Oxygen administration • Suction • Inhalations: dry and moist • Chest physiotherapy and postural drainage • Care of chest drainage • Pulse oximetry • CPR basic life support • Fluid, Electrolyte, and Acid based balances • Review of physiological • Regulation of fluid, • Electrolyte, and acid base balances • Factors affecting Fluid, Electrolyte and Acid based balances • Alterations in fluid, Electrolyte, and Acid based balances • Nursing interventions in Fluid, Electrolyte, and Acid 	
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		<p>Base imbalances: assessment, types, equipment, procedure and special considerations</p> <ul style="list-style-type: none"> • Measuring fluid intake and output • Correcting fluid, • Electrolyte Imbalance: • Replacement of fluids: oral and parenteral- verni-puncture, • Regulating IV flow rates, changing IV solution tubing , changing iv dressing, • Administering Blood transfusions • Restriction of fluids • Psychological Needs • Concept of cultural Diversity, Stress and adaptation , self-concept, Sexuality, Spiritual Health, Coping with loss, death and grieving • Assessment of psychological needs • Nesting intervention for psychological needs • Assist with coping and adaption • Creating therapeutics environment • Recreational and diversional therapies 	
IV	XII	<p>Administration of medications</p> <ul style="list-style-type: none"> • General Principles/considerations <ul style="list-style-type: none"> - Purposes of medication - Principles: 10 rights Special considerations prescriptions, Safety in Administering Medications and Medication Errors - Drug forms - Routes of administration - Storage and maintenance of drugs and nurses responsibility 	40

		<ul style="list-style-type: none"> - Board classification of drugs Therapeutic Effects, side effects, Toxic Effects, Idiosyncratic Reaction, Allergic Reactions, Drug tolerance, Drug Interactions, - Factors influencing of drug Actions - System of drugs measurement: Metric system, Apothecary System, Household measurement, Solutions - Converting measurements Units: conversion within one system, conversion between systems, and doses calculations, - Terminologies and abbreviations used in prescriptions of medications • Oral drug administration : Oral sublingual and Buccal: Equipment, procedure • Parenteral <ul style="list-style-type: none"> - General principles: Decontamination and disposals of syringes and needles - Types of parental therapies - Types of syringes, needles, canula, and infusion sets - Protection from Needle stick Injuries: Giving medication with a safety syringes - Routes of parental therapies-Intradermal: Purpose, site equipment, procedure, special considerations - Subcutaneous: purpose side equipment , procedure, special considerations - Intramuscular: purpose, side , equipment, procedure, special considerations - Intravenous: purpose, side , equipment, procedure, special considerations - Advanced techniques Epidural, intrathecal, 	
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		<ul style="list-style-type: none"> - nauseous, intra-peritoneal, intraplural, intra-arterial- Role of nurse • Topical Administration: Purposes site equipment procedure special considerations for • Application for skin • Application to mucous membrane <ul style="list-style-type: none"> - Direct application of liquids- Gargle and swabbing the throat - Insertion of drug into body cavity: Suppository/medicated packing in rectum/ vagina - Instillations: Ear, Eye, Bladder, Vaginal and rectal - Spraying: Nose and Throat • Inhalation: Nasal, oral, endo-tracheal/ tracheal (steam, oxygen and medications)- Purposes, types, equipments, procedure, special considerations • Recording and reporting of medications administered 	
	XIII	<p>Meeting needs of preoperative patients</p> <ul style="list-style-type: none"> • Definition and concept of preoperative Nursing • Preoperative phase <ul style="list-style-type: none"> - Preparation for patient for surgery • Intraoperative <ul style="list-style-type: none"> - Operation theatre set up and environment - Role of nurse - Postoperative phase, Recovery unit - Post operative unit - Post operative care, • Wounds: Types, classifications wound healing process Factors affecting wounds complication of wound healing • Surgical asepsis • Care of the wound: types, equipments procedure and 	10

		<p>special considerations</p> <ul style="list-style-type: none"> - Dressing suture care - Care of drainage - Application of bandages Binders Splints & slings - Heat and cold therapy 	
	XIV	<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, will dying declaration, organ donation etc • Medico-legal issues • Care of dead body: Equipment procedure and care of unit • Autopsy • Embalming 	5
	XV	<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, • 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 	4
	XVI	<p>Professional nursing concepts and practice</p> <ul style="list-style-type: none"> • Conceptual and theoretical models of nursing practice: 	6

	<ul style="list-style-type: none"> • 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 	
TOTAL		265

Text/ Reference Book:

1. Clement I.(2017).*Textbook of Nursing Fundamentals*.New Delhi: The health sciences publisher
2. Ghai, S.(2018).*Clinical nursing procedures*. New Delhi; CBS Publishers and distributors pvt ltd
3. Indrani. T.K.*First Aid for nurses*
4. Jacob, A. (2015).*Clinical nursing procedures*. New Delhi: The health sciences publishers
5. Kozier&Erb's. (2008). *Fundamentals of Nursing*. Pearson Publication
6. Potter& Perry's. (2013). *Fundamentals of Nursing*. Elsevier Publication.
7. Prakash R. *Manipal manual of nursing procedures – II*
8. Rebecca Nissanka. (2016). *Comprehensive textbook of foundation of nursing*: Jaypee Brothrs Publication.
9. Shija J.C., Helen. *Fundamentals of Nursing Procedure manual*
10. Sira S. (2017).*First aid manual for nurses*
11. Walia I.(2016).*My clinical diary for nursing undergraduates*

Course Outcomes:

On completion of this course students will be expected to develop an understanding of the philosophy, objectives, theories and process of nursing in various Supervised Clinical settings. It is aimed at helping the student to acquire knowledge, understanding and skills in techniques of nursing and practice them in Supervised Clinical settings.

SYLLABUS (1ST Year B Sc Nursing)		
Subject Name: Psychology	Subject Code: NRS172C104	
L-T-P-C – 2-0-0-2	Credit Units:2	Scheme of Evaluation: (T)

Course Objective:

This course is assist to acquire knowledge of fundamentals of psychology and develop an insight into behavior of self and others. Further it is aimed at helping them to practice the principles of mental hygiene for promoting mental health in nursing practice.

Detailed Syllabus:

Module	Units	Topics (if applicable) & Course Contents	Periods
I.	I	<p>Introduction</p> <ul style="list-style-type: none"> • History and origin of science of psychology • Definition and scope of psychology • Relevance to nursing • Methods of psychology 	2
	II	<p>Biology of Behaviour</p> <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 • Psychology of sensations • Muscular and glandular controls of behaviour • Nature of behaviour of an organism/ Integrated responses 	4

	III	Personality <ul style="list-style-type: none"> • Definitions topography types Theories • Psychometric assessment of personality • Alterations in personality • Applications 	7
II.	IV	Cognitive process <ul style="list-style-type: none"> • Attention: Types determinants Duration and degree alterations • Perception: Meaning principles and factors effecting 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 • Psychometric assessment of cognitive process • Alteration of cognitive processes • Application 	20
III.	V	Motivation and Emotional Process <ul style="list-style-type: none"> • Motivation: Meaning , concepts types Theories and Motives and • behaviour conflicts and frustration conflict resolution • Emotions and stress • Emotion: Definition components, Changes in emotions theories 	8

		<ul style="list-style-type: none"> • emotional adjustments, emotions in health and illness • Stress: stressors, cycle effect adoption & coping • Attitude : Meaning nature development factors effecting • Behaviour and attitudes • Attitudinal change • Psychometric assessment of emotions and attitudes • Alterations in emotions • Applications 	
	VI	Developmental psychology <ul style="list-style-type: none"> • Psychology of people at different ages from infancy to old age • Psychology of vulnerable individuals – challenged, women sick etc. • Psychology of groups 	7
IV	VII	Mental Hygiene and Mental Health <ul style="list-style-type: none"> • Concept of mental hygiene and mental health • Characteristics of mentally healthy person Warning sign of poor mental health • Promotive and preventive mental health-strategies and services • Ego defence mechanism and implications • Personal and social adjustments • Guidance and social counselling • Role of nurse 	8
	VIII	Psychological assessment & tests <ul style="list-style-type: none"> • Types, development characteristics principles uses interpretations • and Role of nurse in psychological assessment 	4
TOTAL			60

Text/ Reference Book:

1. Bhatia & Criag's. *Elements of psychology & mental hygiene for nurses in India*
2. I Clement. *Textbook of psychology for Post Basic B.Sc Nursing*
3. David H. U. and DurandVM. *Abnormal Psychology : An integrated approach*
4. Edward P. Sarafino, Timothy W. Smith. *Health psychology*
5. Gowda K.(2017). *Essentials of Psychology*. New Delhi: CBS Publishers & Distributors Pvt. Ltd
6. Khan, F. B.(2012). *Introduction to Psychology for Nurses*. Kumar Publications.
7. Krishne, G.(2017). *Essentials of Psychology for B. Sc Nursing Students*. CBS Publishers & Distributors Pvt. Ltd.
8. Narayana S.R. *Counselling and guidance*
9. Sreevani R. *Psychology for Nurses*. New Delhi: Jaypee
10. Venkatesh. A.N. (2009). *Essentials of psychology for Nurses*. Jaypee brothers medical Publishers (P) Ltd.

Course Outcomes:

On completion of this course students will be expected to: Apply principles of psychology in promoting mental health which rendering nursing service

SYLLABUS (1st Year B Sc Nursing)		
Subject Name: Microbiology	Subject Code: NRS172C105	
L-T-P-C – 2-0-0-2	Credit Units:2	Scheme of Evaluation: (T)

Course Objective:

The objective of the course is to enable students to acquire understanding of fundamentals of microbiology and identification of various microorganisms.

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	<p>Introduction:</p> <ul style="list-style-type: none"> • Importance and relevance to nursing • Historical perspective • Concepts and terminology • Principles of microbiology 	5
	II	<p>Immunity</p> <ul style="list-style-type: none"> • Types, classification, * Antigen & antibody reaction • *Hypersensitivity – skin test, * Serological tests • Immuno-prophylaxis • Vaccines & sera – Types & classification, storage and handling, cold chain • Immunization for various diseases • Immunization schedule 	8 Theory 4 Practical
II.	III	<p>General characteristics of Microbes</p> <ul style="list-style-type: none"> • Structure and classification of Microbes • Morphological types • Size and form of bacteria • Motility 	10 Theory 5 Practical

		<ul style="list-style-type: none"> • Colonization • Growth and nutrition of microbes <ul style="list-style-type: none"> - Temperature - Moisture - Blood and body fluids • Laboratory methods for Identification of Micro-organisms • Staining techniques, Gram staining, Acid fast staining, Hanging drop preparation • Culture; various medias 	
III.	IV	<p>Infection Control and Immunity control</p> <ul style="list-style-type: none"> • Infection: Sources, portals of entry and exit, transmission • Asepsis • Disinfection: Types and methods • Sterilization: Types and methods • Chemotherapy and antibiotics • Standard safety measures • Biomedical waste management • Role of Nurse • Hospital acquired infection • Hospital infection control programme <ul style="list-style-type: none"> - Protocols, collection of samples, preparation of report and status of rate - of infection in the unit/ hospital, nurse's accountability, continuing education etc. 	10 Theory 2 Practical
IV	V	<p>Pathogenic organisms</p> <ul style="list-style-type: none"> • Micro-organisms <ul style="list-style-type: none"> - Cocci – gram positive and gram negative - bacilli – gram positive and gram negative - Spirochaete - Mycoplasma 	12 Theory 4 Practical

	<ul style="list-style-type: none"> - Rickettsiae - Chlamydiae • Viruses • Fungi-Superficial and Deep mycoses • Parasites • Rodents & vectors Characteristics, Source, portal of entry, transmission of infection Identification of disease producing micro-organisms collection, handling and transportation of various specimens 	
	TOTAL	60

Text/Reference Book:

1. Ananthanarayan, (2017) – *Textbook of microbiology for nurses*. New Delhi: Universities Press
2. Arora D.R.(2016). *Essential Microbiology for B.Sc. Nursing*. New Delhi: CBS Publishers and Distributors.
3. Bajeva CP. (2017).*Textbook of nursing*. New Delhi: Arya Publishing Company.
4. Cowan M.K. *Microbiology:A systematic approach*
5. Joanne M. Willey, Linda M. Sherwood. *Prescott’s Microbiology*
6. Ravinder, T. (2012). *Microbiology for Nurses*. New Delhi: CBS Publishers and Distributors.
7. Seemasood (2011). *Microbiology for Nurses*.New Delhi:Elsevier Publication

Course Outcomes:

On completion of this course students will be expected to understand the fundamentals of microbiology and identify various micro-organisms.

SYLLABUS (1ST Year B Sc Nursing)		
Subject Name: Introduction to Computer		Subject Code: NRS172C106
L-T-P-C – 1-0-1-2	Credit Units: 2	Scheme of Evaluation: (TP)

Course Objective:

The objective of the course is to introduce students to develop basic understanding of uses of computer and its application in nursing.

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	<ul style="list-style-type: none"> ● Introduction: - Concept of computers - Hardware and software - Trends and technology - Application of computers in nursing 	3
	II	<ul style="list-style-type: none"> ● Use of internet and : e-mail 	1 Theory 3 Practical
II.	III	<ul style="list-style-type: none"> ● Introduction to disk –operating system - DOS - Windows (all version) ● Introduction - MS Word - MS Excel with pictorial presentation - MS- access - MS-Power point 	6 Theory 20 Practical
III.	IV	<ul style="list-style-type: none"> ● Multi-media: Types& uses ● Computer aided teaching & testing 	2 Theory 3 Practical
IV	V	<ul style="list-style-type: none"> ● Statistical packages: types and their features 	2 Theory 2 Practical

	VI	<ul style="list-style-type: none"> Hospital Management System: Types and uses 	1 Theory 2 Practical
TOTAL			45

Text/Reference Book:

1. Patil, R. Wani, V. Computer fundamentals.
2. Randhir P. Computer for nurses
3. E Balagurusamy. Fundamentals of computers

Course Outcomes:

On completion of this course students will be expected to develop basic understanding of uses of computer and its application in nursing.

Name of Course: B. Sc. Nursing
Programme Structure

2nd Year B. Sc. Nursing							
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects (Please Add rows, as required)							
1	NRS172C201	Sociology	2	0	0	2	2
2	NRS172C202	Pharmacology, Pathology& Genetics	3	0	0	3	3
3	NRS172C203	Medical-Surgical Nursing-I	5	0	1	6	7
	NRS172C213	Medical-Surgical Nursing-I(Clinical)					720
4	NRS172C204	Community Health Nursing-I	3	0	1	4	5
		Community Health Nursing-I (Clinical)					135
5	NRS172C205	Communication Education Technology	2	0	1	3	4
Ability Enhancement Compulsory Courses (AECC)							
1	CEN982A301	Communicative English	1	0	0	1	1
2	EVS982A303	Environmental Science	1	0	0	1	1
Ability Enhancement Elective Courses (AEEC)							
1	NRS172S208	Japanese	1	0	1	2	3
Generic Elective							

Library study-50 hours

Co-curricular activities-50 hours

*Clinical posting depicts total hours in a year.

SECOND YEAR B SC NURSING

SYLLABUS (2 ND Year B Sc Nursing)		
Subject Name: Sociology	Subject Code: NRS172C201	
L-T-P-C – 2-0-0-2	Credit Units:2	Scheme of Evaluation: (T)

Course Objective:

The objectives of the course is to introduce students to the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing.

Prerequisites: Knowledge on psychology

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	Introduction <ul style="list-style-type: none">• Definition of Sociology• Nature and Scope of the discipline• Importance and application of Sociology in Nursing	1
	II	Individual and Society <ul style="list-style-type: none">• Society and Community• Nature of Society• Difference between Society and Community• Process of Socialization and individualization• Personal disorganization	3
	III	Social stratification <ul style="list-style-type: none">• Meaning and types of social stratification• The Indian caste system-origin and features• Features of caste in India today• Social class system and status• Social Mobility –Meaning & types• Race as a biological concept, criteria of racial classification• Salient features of Primary races-Racism	6

		<ul style="list-style-type: none"> • Influence of Class, Caste and Race on health and health practices 	
	IV	<p>Social Organization and Social System</p> <ul style="list-style-type: none"> • Social organization: elements, types • Democratic and authoritarian modes of participation • Voluntary association • Social system: Definition and Types of social system • Role and Status as structural elements of social system • Inter-relationship of institution 	4
II.	V	<p>Culture</p> <ul style="list-style-type: none"> • Nature of culture • Evolution of culture • Diversity and uniformity of culture • Culture and socialization • Trans-cultural society • Influence on health and disease 	3
	VI	<p>Social groups and processes</p> <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 	4
	VI	<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 	2

		<ul style="list-style-type: none"> • Folkways and mores, • Customs, Laws and fashion • Role of nurse 	
	VII	<p>Types of Communities in India (Rural, Urban and Regional)</p> <ul style="list-style-type: none"> • Features of village community and characteristics of Indian villages Panchayat system, social dynamics • Community Development project & planning • Changes in Indian Rural life • Availability of health facilities in rural and its impact on health and health practices • Urban–Community – features • The growth of cities: <ul style="list-style-type: none"> • urbanization and its impact on health and health practices • Major Urban problems – Urban Slums • Region: Problems and impact on Health 	6
III.	VIII	<p>Population</p> <ul style="list-style-type: none"> • Society and population • Population distribution in India Demographic characteristics • Malthusian theory of Populations • Population explosion in India and its impact on health status • Family welfare programmes 	6
	IX	<p>Family and Marriage</p> <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 	5

		<ul style="list-style-type: none"> • Changes and 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 	
	X	<p>Social Organization and Social System</p> <ul style="list-style-type: none"> • Social organization: elements, types • Democratic and authoritarian modes of participation • Voluntary association • Social system: Definition and Types of social system • Role and Status as structural elements of social system • Inter-relationship of institutions 	2
	XI	<p>Social Change</p> <ul style="list-style-type: none"> • Nature and process of social change • Factors influencing Social change: cultural change, Cultural lags. • Introduction to Theories of social change: :Linear, Cyclical, Marxian, Functional • Role of nurse-Change agents 	4
IV	XII	<p>Social Problems</p> <ul style="list-style-type: none"> • Social disorganization • Control & planning: poverty, housing, illiteracy, food supplies, prostitution, rights of women & children, vulnerable groups: 	15

		<p>Elderly, handicapped, minority groups and other marginalized groups, child labour, child abuse, delinquency and crime, substance abuse, HIV/Aids</p> <ul style="list-style-type: none"> • Social welfare programmes in India • Role of Nurse 	
TOTAL			60

Text/Reference Books:

1. Bhushan, V., Sachdeva, D.R. *Fundamentals of sociology*
2. Dasgupta, S., & Sahas, P., *An introduction to sociology*
3. Ganesh, P., (2013). *Text book of sociology for PB BSc Nursing*. India: Emmes Medical Publishers.
4. Gowda K. (2017). *Essentials of sociology for B.Sc. Nursing students*
5. Gowda, G., (2009). *Sociology for Nurses*. India: CBS Publishers.
6. Krishna. S., Gowthami, Yamini, *The complete study of material sociology*. India: Vijayan Publications,
7. Kumari, N., (2014). *Behavioral science(sociology)*. India: S.Vikas & company (medical publishers).
8. Shankar Rao C. N., (2019). *Sociology: Principles of Sociology with an Introduction to Social Thoughts*. New Delhi: S Chand

Course Outcomes:

On completion of this course students will be expected to gain the concepts of sociology related to community and social institutions in India and its relationship with health, illness and nursing

SYLLABUS (2ND Year B Sc Nursing)

Subject Name: Pharmacology

Subject Code: NRS172C202

L-T-P-C – 3-0-0-3. Credit Units: 3

Scheme of Evaluation: (T)

Course Objective:

The objective of the course is to introduce students to acquire understanding of pharmacodynamics, pharmacokinetics, and principles of therapeutics and nursing implications.

Prerequisites: Knowledge on biochemistry, Nursing Foundation, Microbiology and anatomy and physiology

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I	I	<p>Introduction to pharmacology</p> <ul style="list-style-type: none"> • Definitions • Sources • Terminology used • Types: Classification • Pharmacodynamics: Actions, therapeutic • Adverse, toxic • Pharmacokinetics : absorption, distribution, metabolism, interaction, excretion • Review: Routes and principles of administration of drugs • Indian pharmacopoeia : Legal issues • Rational use of drugs • Principles of therapeutics 	3
	II	<p>Chemotherapy</p> <ul style="list-style-type: none"> • Pharmacology of commonly used; • Penicillin • Cephalosporin • Aminoglycosides 	6

		<ul style="list-style-type: none"> • Macrolide & Broad Spectrum Antibiotics • Sulphonamides • Quinolones • Anti-amoebic • Anti-malarial • Anti-helminthic • Anti-scabies agents • Antiviral & anti-fungal agents • Ant tubercular drugs • Anti-leprosy drugs • Anticancer drugs • Immuno-suppressants • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	
	III	Pharmacology of commonly used antiseptics, disinfectants and insecticides <ul style="list-style-type: none"> • Antiseptics; • Disinfectants • Insecticides 	2
II	IV	Drugs acting on G.I. system <ul style="list-style-type: none"> • Pharmacology of commonly used – • Antiemetic, • Emetics • Purgatives • Antacids • Cholinergic • Anticholinergics • Fluid and electrolyte therapy • Anti-diarrhoeal 	2

		<ul style="list-style-type: none"> • Histamines • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	
	V	Drugs used on Respiratory Systems <ul style="list-style-type: none"> • Pharmacology of commonly used – • Anti-asthmatics • Mucolytic • Decongestants • Expectorants • Antitussives • Bronchodilators • Broncho constrictors • Antihistamines • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	2
	VI	Drugs used on Urinary System <ul style="list-style-type: none"> • Pharmacology of commonly used – • Diuretics and antidiuretics • Urinary antiseptics • Cholinergic and anticholinergics • Acidifiers and alkalanizers • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	2
	VII	Miscellaneous	4

		<ul style="list-style-type: none"> • Drugs used in de-addiction • Drugs used in CPR and emergency • Vitamins and minerals • Immuno-suppressants • Antidotes • Anti-venom • Vaccines and sera 	
	VIII	<p>Drugs used on skin and mucous membranes</p> <ul style="list-style-type: none"> • Topical applications for skin, eye, ear, nose and buccal cavity Antipruritic • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	1
III.	IX	<p>Drugs acting on Nervous system</p> <ul style="list-style-type: none"> • Basic & applied Pharmacology of commonly used : • Analgesics and Anaesthetics • Analgesics • Non-steroidal anti -inflammatory (NSAID) drugs • Antipyretics • Hypnotics and Sedatives • Opioids • Non-Opioids • Tranquilizers • General & local anaesthetics • Gases : oxygen, nitrous oxide, carbon-dioxide • Cholinergic and anti-cholinergic: • Muscle relaxants • Major tranquilizers • Anti-psychotics 	8

		<ul style="list-style-type: none"> • Antidepressants • Anticonvulsants • Adrenergic • Noradrenergics • Mood stabilizers • Acetylcholine • Stimulants • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	
	X	Cardiovascular drugs <ul style="list-style-type: none"> • Haematinics • Cardio tonics • Anti anginals • Anti-hypertensives & Vasodilators • Anti-arrhythmic • Plasma expanders • Coagulants & anticoagulants • Antiplatelet & thrombolytic • Hypolipidemics • Composition, action, dosage, route, indications, contraindications, drug interactions, side effects, adverse effects, toxicity and role of nurse 	5
IV	XI	Drugs used for hormonal disorders & supplementation, contraception and medical termination of pregnancy <ul style="list-style-type: none"> • Insulins & Oral hypo glycaemic • Thyroid supplements and suppressants • Steroids, anabolic • Uterine stimulants and relaxants • Oral contraceptives 	4

		<ul style="list-style-type: none"> • Other estrogen-progestrone preparations • 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	Introduction to Drugs used in alternative systems of medicine: <ul style="list-style-type: none"> • Ayurveda, Homeopathy, Unani and Siddha etc. 	6
	TOTAL		45

Text/ Reference Book:

1. Grover J.K. *Textbook of pharmacology for nurses.*
2. Kamalakannan,P.(2013). *Textbook of Pharmacology for Nurses and Allied health Sciences.* 1st edition, CBS Publishers & Distributors Pvt.Ltd.
3. Kee,J.L., Hayes,E.R.,& McCuiston. (2016). *Pharmacology: A Patient-cantered Nursing Process Approach.* Elsevier Publications.
4. Liley, L.L.,&Robert,S.A.(2001). *Pharmacology Nursing Process.* Mosby, Inc.
5. Pathania J.S. (2017). *A Textbook of pharmacology for B. Sc. Nursing students plus pharmacology booklet*
6. Udaykumar P. (2015). *Pharmacology for nurses.* New Delhi: Jaypee brothers medical publishers ltd

Course Outcomes:

On completion of this course students will be expected to acquire understanding of pharmacodynamics, pharmacokinetics, principles of therapeutics and nursing implications.

SYLLABUS (2ndYear B. Sc. Nursing)

Subject Name: Pathology & Genetics

Subject Code: NRS172C202

L-T-P-C – 3-0-0-3 Credit Units:3

Scheme of Evaluation: (T)

Course Objective:

This course is designed to enable students to acquire knowledge of pathology and genetics in various conditions and apply this knowledge in practice of nursing, understanding of genetics, its role in causation and management of defects and diseases.

Prerequisites: Knowledge on Microbiology, Anatomy and physiology

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.		<p>Introduction</p> <ul style="list-style-type: none">- Importance of the study of pathology- Definition of terms- Methods and techniques- Cellular and Tissue changes- Infiltration and regeneration- Inflammations and infections- Wound healing- Vascular changes• Cellular growth , Neoplasms- Normal and cancer cell- Benign and malignant growth- In situ carcinoma• Disturbances of fluid and electrolyte Imbalance	3

	II	<p>Clinical pathology</p> <ul style="list-style-type: none"> • Various blood and bone marrow tests in assessment and monitoring of disease conditions - Haemoglobin - RBC, White cell & platelet counts - Bleeding time, clotting time and prothombrine time - Blood grouping and cross matching - Blood chemistry - 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>4 theory</p> <p>3 practical</p>
II	III	<p>Special pathology</p> <ul style="list-style-type: none"> • Pathological changes in disease conditions of various systems: • Respiratory tract <ul style="list-style-type: none"> - Tuberculosis, Bronchitis, pleural effusion and pneumonia, - Lung abscess, - Emphysema, • Bronchiectasis <ul style="list-style-type: none"> - Bronchial asthma, Chronic obstructive pulmonary disease & tumours • Cardio-vascular system <ul style="list-style-type: none"> - Pericardial effusion - Rheumatic heart disease - Infective endocardities, atherosclerosis - Ischemia, infraction & aneurysm <ul style="list-style-type: none"> • Gastro Intestinal Tract 	<p>10 theory</p> <p>5 practical</p>

		<ul style="list-style-type: none"> - Peptic ulcer, typhoid - Carcinoma of GI tract- buccal, Esophageal, - Gastric & intestinal • Liver, Gall bladder& pancreas - Hepatitis, Chronic liver abscess, cirrhosis - Tumours of liver, gall bladder and pancreas, - Cholecystitis • Kidney &Urinary tract - Glomerulonephritis, pyelonephritis - Calculi , renal failure, renal carcinoma& cystitis • Male genial systems - Cryptorchidism, testicular atrophy - Prostratic hyperplasia, carcinoma Penis & prostate • Female genial systems - Fibroids - Carcinoma cervix and Endometrium - Vesicular mole, chorio-carcinoma - Ectopic gestation - Ovarian cyst &tumours - Cancer breast • Central Nervous System - Hydrocephalus, Meningitis, Encephalitis, - Vascular disorders- thrombosis, embolism - Stroke ,paraplegia, quadriplegia - Tumours, meningiomas- gliomas • Metastatic tumour • Skeletal system - Bone healing , Osteoporosis, Osteomilites, Arthritis &tumour 	
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III	IV	Examination of body cavity fluids, transudates and exudates <ul style="list-style-type: none"> • The laboratories 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 and morphology and their importance in infertility • Methods of collection of CSF and other cavity fluids specimen for various clinical pathology, biochemistry, microbiology tests, inference and normal values 	2 theory 1 practical
	V	Urine and faeces <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 	1 theory 1 practical
	I	<p style="text-align: center;"><u>GENETICS</u></p> Introduction <ul style="list-style-type: none"> • Practical application of genetics in Nursing • Impact of genetic condition on families • Review of cellular division mitosis and meiosis. 	3

		<ul style="list-style-type: none"> • Characteristics and structure of genes • Chromosomes- sex • Determination 	
		<ul style="list-style-type: none"> • Chromosomal aberrations • Patterns of inheritance • Mendalian theory of inheritance • Multiple allots and blood groups • Sex linked inheritance • Mendalian theory of inheritance • Errors in transmission(Mutation) 	
	II	Genetic testing in the neonates and children <ul style="list-style-type: none"> • Screening for • Congenital abnormalities • Development delay • Dysmorphism 	2
IV	III	Maternal, Prenatal and genetic influences, on development of defects and diseases <ul style="list-style-type: none"> • Condition effecting the mother: • Genetic and infections • Consanguinity atrophy • Prenatal nutrition and food allergies. • Maternal age • Maternal drug therapy • Prenatal testing and diagnosis • Effect of Radiation , drugs and chemicals • Infertility • Spontaneous abortion • Trisomy 	3

IV	IV	Genetic conditions 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 disease • Mental illness 	2
	V	Services related to Genetics <ul style="list-style-type: none"> • Genetic testing • Human genome project • Genetic therapy • The Eugenics movement • Genetic counselling • Legal and ethical issues • Role of nurse 	5
TOTAL			45

Text / Reference Book:

1. Bhopal T. *A textbook of Pathology*. Frontline publication
2. Chitra K and Suma K. *Textbook of pathology and genetics for B.Sc Nurses*
3. Desmond S.T. Nicholl. *Introduction to genetic engineering*
4. Kumari N. *Essential Genetics*.
5. McClary L. (2018). *Essentials of Medical Genetics*. Jones & Bartlett Learning.
6. Sarmah KS. *Essential Pathology*.
7. Suresh.K.S. (2010). *Human Genetics in Nursing*. Jaypee brothers medical Publishers(P)Ltd.
8. Swaminathan K. (2010). *Pathology & Genetics for Nurses*. Jaypee Publishers.

Course Outcomes:

On completion of this course students will be expected to: understand genetics, its role in causation and management of defects and diseases, also the pathology of various diseases.

SYLLABUS (2nd Year B. Sc. Nursing)

Subject Name: Medical Surgical Nursing (Adult Including Geriatrics)-I

Subject Code: NRS172C203

L-T-P-C – 5-0-1-6 Credit Units:7

Scheme of Evaluation: (TP)

Course Objective:

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. The objectives of the course are to introduce students to nursing practice with adults and geriatrics experiencing a wide range of acute and chronic alterations in health.

Prerequisites: Knowledge of Nursing foundation, Anatomy & Physiology, Nutrition & Biochemistry Microbiology.

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	<p>Introduction :</p> <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 Disease - concepts, causations, classification diseases (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 and 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 	10

		<ul style="list-style-type: none"> • Introduction to Medical Surgical asepsis □ Inflammation & Infection □ Immunity □ Wound healing • Care of Surgical Patient □ Pre-operative □ Intra-operative • Post-operative 	
	II	<p>Common signs and symptoms and management</p> <ul style="list-style-type: none"> • Fluid and electrolyte imbalance • Vomiting • Dyspnoea and cough, respiratory obstruction • Fever • Shock • Unconsciousness, Syncope • Pain • Incontinence • oedema • Age related problems – geriatric 	15

	III	<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 and Physical assessment • Etiology, Pathophysiology clinical manifestations, diagnosis, treatment modalities and medical, surgical, dietetics & nursing management of adults including elderly with – <ul style="list-style-type: none"> □ Upper Respiratory tract infections □ Bronchitis □ Asthma □ Emphysema □ Empyema □ Atelectasis □ Chronic Obstructive Pulmonary Diseases (COPD) □ Bronchiectasis □ Pneumonia □ Pulmonary tuberculosis □ Lung abscess □ Pleural effusion □ Cysts and Tumours □ Chest injuries □ Respiratory arrest and insufficiency □ Pulmonary embolism <p>Special therapies, alternative therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of respiratory disorders</p>	20
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	IV	<p>Nursing management of patient (adults including elderly) with genitourinary problems</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of genitourinary system • Nursing Assessment –History and Physical assessment • Etiology, Pathophysiology clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics and nursing management of – • Nephritis • Nephrotic syndrome • Nephrosis • Renal calculus • Tumours • Acute renal failure • Chronic renal failure • End stage renal disease • Dialysis, renal transport • Congenital disorders, urinary infections • Benign prostate hypertrophy • Disorders of ureter, urinary bladder and urethra-inflammation, stricture. obstruction, tumour, prostate • Special therapies, alternative therapies <p>Nursing procedures</p> <p>Drugs used in treatment of genitourinary disorders</p>	10
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II.			
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	VI	<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 manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of – • Vascular system <ul style="list-style-type: none"> □ Hypertension, Hypotension □ Artherosclerosis □ Raynaud’s disease □ Aneurism and Perpherial vascular disorders <p>Heart</p> <ul style="list-style-type: none"> • Coronary artery diseases <ul style="list-style-type: none"> □ Ischemic Heart Disease □ 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 	30
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		<ul style="list-style-type: none"> ❑ Anaemia ❑ Polycythemia ❑ Bleeding disorders; clotting factor defects and platelets defects ❑ Thalassemia ❑ Leukaemia ❑ Leucopenia and agranulocytosis ❑ Lymphomas ❑ Myelomas • Special therapies ❑ Blood transfusion, safety checks, procedure and requirements, management of adverse transfusion reaction, records for blood transfusion. ❑ Management & counsel-ling of blood donors, phlebotomy procedure, & post donation management Blood bank functioning & hospital transfusion committee. Bio-safety and waste management in relation to blood transfusion ❑ Role of a nurse in Organ donation, retrieval and banking <p>Alternative therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of blood and cardio vascular disorders</p>	
III.	VII	<p>Nursing management of patient (adults including elderly) with musculo-skeletal problems</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of musculo-skeletal system • Nursing Assessment -History and Physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of – • Disorders of : 	15

		<ul style="list-style-type: none"> ❑ Muscles, Ligaments and Joints- inflammation, infection, trauma ❑ Bones –inflammation, infection, dislocation, fracture, tumour and trauma ❑ Osteomalacia and osteoporosis ❑ Arthritis ❑ Congenital deformities ❑ Spinal column – defects & deformities, Tumour, Prolapsed inter vertebral disc, pott’s spine ❑ Paget’s disease • Amputation • Prosthesis • Transplant & replacement surgeries • Rehabilitation <p>Special therapies, alternative therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of disorders of musculoskeletal system</p>	
	VIII	<p>Nursing management of patient (adults 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 manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of – • Immunodeficiency disorder • Primary immuno deficiency • Phagocytic dysfunction • B-cell and T-cell deficiencies • Secondary immuno-deficiencies • Acquired immunodeficiency syndrome (AIDS) 	10

		<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 <p>Special therapies, alternative therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of disorders of immunological system</p>	
IX		<p>Nursing management of patient (adults 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 manifestations, diagnosis, treatment, prevention and dietetics. Control and eradication of common Communicable Diseases- <ul style="list-style-type: none"> □ Tuberculosis □ Diarrhoeal diseases □ Hepatitis A- E □ Herpes □ Chickenpox □ Smallpox □ Typhoid □ Meningitis □ Gas gangrene □ Leprosy 	20

		<ul style="list-style-type: none"> ❑ Dengue ❑ Plague ❑ Malaria ❑ Diphtheria ❑ Pertussis ❑ Poliomyelitis ❑ Measles ❑ Mumps ❑ Influenza ❑ Tetanus ❑ Yellow fever ❑ Filariasis ❑ HIV, AIDS <ul style="list-style-type: none"> • Reproductive Tract Infections • Special Infection control measures : Notification, Isolation, Quarantine, Immunization, Infectious Disease Hospitals <p>Special therapies, alternative therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of Communicable diseases</p>	
IV	X	<p>Nursing management of disorders of male (adults including elderly) reproductive system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of male reproductive system • Nursing Assessment -History and physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of disorders of male reproductive system • Congenital malformations; cryptorchidism • Hypospadiasis, Epispadiasis 	5

		<ul style="list-style-type: none"> • Infections • Testis and adjacent structures • Penis • Prostate: inflammation, infection, hypertrophy, tumour • Sexual Dysfunction • Infertility • Contraception • Breast ; gynecomastia, tumour • Climacteric changes <p>Special therapies, alternative therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of disorders of male reproductive system</p>	
	XI	<p>Nursing management of patient (adults including elderly) with disorders of endocrine system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology endocrine system • Nursing Assessment -History and Physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of – <ul style="list-style-type: none"> ❑ Disorders of Thyroid and Parathyroid ❑ Diabetes mellitus ❑ Diabetes insipidus ❑ Adrenal tumour ❑ Pituitary disorders <p>Special therapies, alternative therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of disorders of endocrine system</p>	10

	XII	<p>Nursing management of patient (adults 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 manifestations, diagnosis, treatment modalities & medical, surgical, dietetics & nursing management of disorders of skin and its appendages <ul style="list-style-type: none"> □ Lesions and abrasions □ Infection and infestations; Dermatitis □ Dermatoses ; infectious and Non infectious “inflammatory dermatoses” □ Acne Vulgaris □ Allergies and Eczema □ Psoriasis □ Malignant melanoma □ Alopecia <p>Special therapies, alternative therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of disorders of Integumentary system</p>	10
	XIII	<p>Peri operative nursing:</p> <ul style="list-style-type: none"> • Organisation and Physical set up of the Operation Theatre (OT) : <ul style="list-style-type: none"> □ Classifications □ O.T. DESIGN □ Staffing □ Members of the OT team □ Duties and responsibilities of nurse in O.T. 	25

	<ul style="list-style-type: none"> ❑ Principles of Health and operating room attire ❑ Instruments, ❑ Sutures & suture materials ❑ Equipments ❑ 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 ❑ Infection control ; fumigation, disinfection and sterilisation ❑ Biomedical waste management ❑ Prevention of accidents and hazards in O.T. • Anaesthesia ❑ Types ❑ Methods of administration ❑ Effects and Stages ❑ Equipments ❑ Drugs <ul style="list-style-type: none"> • Cardio Pulmonary Resuscitation (CPR) • Pain management techniques • Legal Aspects 	
Total		210

Text/Reference Books:

1. Black, J.M., and Hawks, J.H., *Medical Surgical Nursing*
2. Brunner, L.H., Suzanne, C. O. (2018). *Brunner &Suddharts Textbook of Medical Surgical Nursing. Philadelphia. Wolter Kluwer Health/ Lippincott Williams & Wilkins*
3. Ghai. (2018). *Clinical Nursing Procedures*

4. Gvalani, G.K.(2016).*Manual of instruments and operative surgery*
5. Hajeri, S. (2016).*Medical Surgical Nursing Practical Record book for B.Sc Nursing*
6. Ignatavicius, D.D., Workman, M.L., & Rebar, C.R. (2018). *Medical Surgical Nursing: Concepts for Interprofessional Collaborative Care*. St. Louis. Elsevier
7. Lewis. S.L., Dirksen, S.R., Heitkemper, M.M. Bucher, L., & Harding, (2017). *Medical – Surgical Nursing: Assessment and Management of Clinical Problems*. St. Louis. Elsevier
8. Potter, P.A., Perry, A.G., Stockert, P.A., & Hall, A.M. (2019). *Essentials for Nursing Practice*. St. Louis. Elsevier
9. Ray, S., (2016). *Advanced concepts in nursing: Psychological aspects of critically ill patient*
10. Sharma, S.K. (2017). *Lippincott Manual of Medical Surgical Nursing*
11. Williams, L., and Hopper, P.D. *Understanding Medical Surgical Nursing*

Course Outcomes:

The course utilizes the nursing process in order to achieve best practice outcomes in a medical surgical setting. Particular emphasis is placed on concepts of holistic care, patient education and discharge planning.

SYLLABUS (2ND Year B Sc Nursing)			
Subject Name: Community Health Nursing-I		Subject Code: NRS172C204	
L-T-P-C – 3-0-1-4	Credit Units: 4	Scheme of Evaluation: (T)	

Course Objective:

The objectives of the course is to introduce students to appreciate the principles of promotion and maintenance of health

Prerequisites: Knowledge on sociology, microbiology, anatomy and physiology, nursing foundation

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	<p>Introduction</p> <ul style="list-style-type: none"> • Community health nursing • Definition, concept and dimensions of health • Promotion of health • Maintenance of health 	2
	II	<p>Determinants of health</p> <ul style="list-style-type: none"> • Eugenics • Environment; • Physical: Air, light, Ventilation, Water, Housing, Sanitation; disposal of waste, • Disposal of dead bodies, Forestation, Noise, Climate, Communication: • Infrastructure facilities and Linkage • Acts regulating the environment: National Pollution control board • Bacterial &viral: Agents hosts carriers and immunity • Arthropods and Rodents • Food hygiene: Production, preservation, purchase, preparation, Consumption • Acts regulating food hygiene prevention of food 	20

		<p>adulteration act, Drugs and cosmetic act</p> <ul style="list-style-type: none"> • Nutrition across life cycle and update on national nutritional programmes. • Socio- cultural • Custom, taboos • Marriage system • Family structure • Status of special groups; Females, Children, Elderly, • Challenged groups and Sick persons • Adolescent Counseling • Counseling – GATHER approach • Life style • Hygiene • Physical activity • Recreation and sleep • Sexual life • Spirtual life philosophy • Self reliance • Dietary pattern • Education • Occupation • Financial Management <ul style="list-style-type: none"> ○ Income ○ Budget ○ Purchasing power ○ Security 	
II.	III	<p>Epidemiology</p> <ul style="list-style-type: none"> • Definition, concept, aims, scope, uses and terminology used in epidemiology • Dynamics of disease 	10

		<ul style="list-style-type: none"> • Transmission: epidemiological triad • Morbidity and mortality: measurements • Levels of prevention • Methods of epidemiology <p>Descriptive</p> <ul style="list-style-type: none"> ○ Analytical: epidemic investigation ○ Experimental <ul style="list-style-type: none"> • Investigation of an outbreak. • Time trends in disease occurrence in epidemiology. 	
	V	<p>Epidemiology and Nursing management of Non-communicable diseases</p> <ul style="list-style-type: none"> • Malnutrition: under nutrition, over nutrition, nutritional deficiencies • Anamia • Hypertension • Stroke • Rheumatic. Heart disease • Coronary heart disease • Cancer • Diabetes mellitus • Blindness • Accidents • Mental illness • Obesity • Iodine Deficiency • Fluorosis • Epilepsy 	10
III.	IV.	<p>Epidemiology and nursing management of common Communicable Diseases</p> <ul style="list-style-type: none"> • Respiratory infections 	25

		<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○ Typhoid fever○ Food poisoning○ Amobiasis○ Hook worm infection○ Ascariasis○ Dracunculiasis● Food born diseases● Arthropod infection<ul style="list-style-type: none">○ Dengue○ Malaria○ Filariasis○ Chikungunya● Zoonoses	
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		<ul style="list-style-type: none"> • Viral <ul style="list-style-type: none"> - Rabies - Yellow fever - Japanese encephalitis - Kyasnur Forest Disease • Bacterial <ul style="list-style-type: none"> - Brucellosis - Plague - Human Salmonellas - Anthrax - Leptospirosis • Rickettsial diseases <ul style="list-style-type: none"> - Rickettsial Zoonoses - Scrub typhus - Murine typhus - Tick typhus - Q fever • Parasite zoonoses <ul style="list-style-type: none"> ○ Taeniasis ○ Hydatid disease ○ Leishmaniasis • Surface infection <ul style="list-style-type: none"> - Trachoma - Tetanus - Leprosy - STD AND RTI - Yaws - HIV/AIDS 	
IV	VI	Demography <ul style="list-style-type: none"> • Definition, concept and scope • Methods of collection, analysis and interpretation of demographic data 	6

		<ul style="list-style-type: none"> • Demographic rates and ratios 	
	VII	Population and its control <ul style="list-style-type: none"> • Population explosion and its impact on social , economic development of individual, society and country • Population control: <ul style="list-style-type: none"> ○ Overall development: • Women empowerment, social, economic and educational development • Limiting family size: Promotion of small family norm • Methods: spacing(Natural, biological, chemical, mechanical methods etc) • Terminal: surgical methods • Emergency contraception • National family planning programmes. 	17
TOTAL			90

Text / Reference Books:

1. Basavanthappa, B.T. *Community health nursing*
2. Clement, I. (2012). *Manual of Community Health Nursing*. Jaypee Brothers Medical Publishers.
3. Daksh, B. *A comprehensive textbook of Community health nursing*
4. Ghosh, M.J. (2016). *Textbook of community health nursing*
5. Gulani, K.K. (2012). *Community health nursing-I*. New Delhi: Kumar publishing house
6. Kamalam, S. *Community health nursing practice*
7. Kumara N. *Community health nursing*
8. Parameshwari, G.N.K. (2016). *Text Book of Community Health Nursing*. Frontline Publications.
9. Park, K. (2018). *Preventive and social medicine*. Jabalpur: M/s Banarsidas Bhanot
10. Rao M.N &Datta A.K.(1987). *Waste water treatment*. Oxford & IBH Publication Co. Pvt Ltd

11. Ray S.(2016).*Community nursing procedures*

12. Thressiamma P.M. *Procedures and theories of community health nursing*

Course Outcomes:

On completion of this course students will be expected to appreciate the principles of promotion and maintenance of health.

SYLLABUS (2nd Year B Sc Nursing)		
Subject Name: Communication and Educational Technology		
Subject Code: NRS172C205		
L-T-P-C – 2-0-1-3	Credit Units: 3	Scheme of Evaluation: (T)

Course Objective:

The objective of the course is to introduce students to acquire an understanding of the principles and methods of communication and teaching. It helps to develop skill in communicating effectively, maintaining effective interpersonal relations, teaching individuals and groups in clinical, community health and educational settings

Prerequisites: Knowledge on sociology, Nursing foundation and psychology.

Detailed Syllabus:

Modules	Units	Topics (if applicable) & Course Contents	Periods
I.	I	Review of communication process <ul style="list-style-type: none"> • Process; elements and channel • Facilitators • Barriers and method of overcoming • Techniques 	5
	II	Interpersonal relations <ul style="list-style-type: none"> • Purpose and types • Phases • Barriers and methods of overcoming • Johari Window 	5

	III	<p>Assessment</p> <ul style="list-style-type: none"> • Purpose and scope of evaluation& assessment • Criteria for selection of assessment techniques and methods • Assessment of knowledge: essay type questions, short answer questions(SAQ),Multiple choice Question(MCQ) • Assessment of skills: observation Checklist, practical exam, Viva, Objective structured clinical examination(OSCE), Assessment of Attitudes scales 	<p>5 theory</p> <p>7 practical</p>
II.	IV	<p>Human relations</p> <ul style="list-style-type: none"> • Understanding self • Social behaviour, motivation, social attitudes • Individual and groups • Groups and individual • Human relation in context of nursing • Groups dynamics • Team work 	5
	V	<p>Methods of teaching</p> <ul style="list-style-type: none"> • Lecture, demonstration, group 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 method, nursing round & reports, beside clinic, conference(Individual & group) • Process recording 	<p>10 theory</p> <p>10 practical</p>

III.	VI	Educational media <ul style="list-style-type: none"> • Purposes and types of A.V. Aids, principles and sources etc. • Graphic Aids: Chalk board, chart, graph, poster, flash cards, Flannel graph, bulletin, cartoon • Three dimensional 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 	10 theory 8 practical
	VII	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 objective; general and specific • Lesson planning • Class room management 	5
IV	VIII	Guidance & Counselling <ul style="list-style-type: none"> • Definition • Purpose, scope, and need • Basic principles • Organization of counselling services • Types of counselling approaches • Role and preparation of counsellor • Issues for counselling in nursing: students and practioners • Counselling process- steps and techniques, tools of counsellor • Managing disciplinary problems 	10 theory 5 practical

		<ul style="list-style-type: none"> • Management of crisis & referral 	
	IX	Information, Education & communication for health(IEC) <ul style="list-style-type: none"> • Health behaviour & health Planning for health education • Health education with individuals, groups & communities • Communicating health messages • Methods and media for communicating health messages • Using mass media education 	5
TOTAL			90 HOURS

Text /Reference Books:

1. Basavanthappa ,B.T.(2014).*Communication and education technology for nurses*
2. Kumar, S.D., *Communication and Educational Technology*. Lotus Publishers.
3. Gopichandran, L. *Essentials of communication & education technology with DVD ROM*
4. Pramilla, R., *Nursing Communication and Educational Technology*. Jaypee Publishers
5. Sharma, M. C. (2013).*Text book of nursing education: Communication and Educational Technolog*).Jaypee Brothers, Medical Publishers Pvt.Ltd.
6. Sharma, R. S. (2016), "*Communication and Educational Technology Contemporary Pedagogy For Health Care Professionals*. Relx, India Pvt. Ltd.
7. Sharma, S. K, Reema, S.*Communication and Educational Technology in Nursing*
8. Sheeba, K. T. (2009). *Communication and educational technology*. Frontline Publications.

Course Outcomes:

On completion of this course students will be expected to utilize the knowledge of different teaching learning methods and to use various audio visual aids.

Name of Course: B. Sc. Nursing

Programme Structure

3rd Year B. Sc. Nursing							
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects (Please Add rows, as required)							
1	NRS172C301	Medical- Surgical Nursing-II	4	0	2	6	8
	NRS172C311	Medical- Surgical Nursing-II (Clinical)					270
2	NRS172C302	Child Health Nursing	3	0	1	4	5
	NRS172C312	Child Health Nursing (Clinical)					270
3	NRS172C303	Mental Health Nursing	3	0	1	4	5
	NRS172C313	Mental Health Nursing (Clinical)					270
Ability Enhancement Compulsory Courses (AECC)							
	CEN982A501	Communicative English	1	0	0	1	1
Ability Enhancement Elective Courses (AECC)							
Discipline Specific Elective (DSE I&II)							
1	NRS172D305	Nursing research and statistics	3	0	1	4	5
2	NRS172D306	Midwifery and Obstetrical Nursing	3	0	1	4	5
		Midwifery & Obstetrical Nursing (Clinical)					180

*Clinical posting depicts total hours in a year.

3rd Year B. Sc. Nursing

Subject Name: Medical Surgical Nursing (Adult including Geriatrics)-II**Subject Code: NRS172C301****L-T-P-C – 4-0-2-6 Credit Units: 6****Scheme of Evaluation: (TP)****Course Objective:**

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. The objective of the course is to introduce students to nursing practice with adults and geriatrics experiencing a wide range of acute and chronic alterations in health.

Prerequisites: knowledge on anatomy and physiology, pharmacology, microbiology

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	<p>Nursing management of patient with disorders of Ear Nose and Throat</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the Ear Nose and Throat • Nursing assessment- History and Physical assessment • Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of Ear Nose & Throat disorders: <ul style="list-style-type: none"> ○ External ear: deformities otalgia, foreign bodies, and tumours ○ 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 • Upper respiratory airway – epistaxis, • Nasal obstruction, laryngeal obstruction, cancer of the larynx • Cancer of the oral cavity • Speech defects and speech therapy 	15

	<ul style="list-style-type: none"> • Deafness • Prevention, control and rehabilitation • Hearing Aids, implanted hearing devices <p>Special Therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of disorders of Ear Nose and Throat</p> <p>Role of nurse Communicating with hearing impaired and muteness.</p>	
	<p>II Nursing management of patient with disorder of eye</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the eye – • Nursing Assessment - History and Physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of eye disorders: <ul style="list-style-type: none"> ○ Refractive errors ○ Eyelids-infection, tumours & deformities ○ Conjunctiva - inflammation and infection, bleeding ○ Cornea-inflammation and infection ○ Lens-Cataracts ○ Glaucoma ○ Disorder of the uveal tract, ○ Ocular tumours ○ Disorders of posterior chamber & retina : retinal and vitreous problems ○ Retinal detachment ○ Ocular emergencies and their prevention • Blindness • National blindness control program <ul style="list-style-type: none"> ○ Eye Banking ○ Eye prostheses and Rehabilitation 	<p>15</p>

		<p>Role of nurse - Communication with visually impaired patient, Eye camps</p> <p>Special Therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of disorders of eye</p>	
II	III	<p>Nursing management of patient with neurological disorders</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the neurological system • Nursing Assessment - History and Physical and neurological • Etiology, Pathophysiology , clinical manifestations, 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 • Tumors of the brain & spinal cord • Intra cranial & cerebral aneurysms • Infections : <ul style="list-style-type: none"> ○ Meningitis, Encephalitis, Brain abscess, neurocysticercosis • Movement disorders <ul style="list-style-type: none"> ○ Chorea ○ Seizures ○ Epilepsies • Cerebro Vascular Accidents (CVA) • Cranial, Spinal Neuropathies - Bell's palsy, trigeminal neuralgia 	16

	<ul style="list-style-type: none"> • Peripheral Neuropathies; Guillain-Barr'e Syndrome • Myasthenia gravis • Multiple sclerosis • Degenerative diseases <ul style="list-style-type: none"> ○ Delirium ○ Dementia ○ Alzheimer's disease ○ Parkinson's disease • Management of unconscious patients & patients with stroke • Role of the nurse in communicating with patient having neurological deficit • Rehabilitation of patients with neurological deficit <p>Role of nurse in long stay facility (institutions) and at home</p> <p>Special Therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of neurological disorders</p>	
<p>IV</p>	<p>Nursing management of patients with disorders of female reproductive system</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the female reproductive system • Nursing Assessment - History and Physical assessment • Breast Self Examination • Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of disorder of female reproductive system • Congenital abnormalities of female reproductive system • Sexuality & Reproductive Health • Sexual Health Assessment • Menstrual Disorders; Dysmenorrhea, Amenorrhea, Premenstrual 	<p>16</p>

		<p>Syndrome</p> <ul style="list-style-type: none"> • Abnormal Uterine Bleeding; Menorrhagia, Metrorrhagia • Pelvic Inflammatory Disease – • Ovarian and fallopian tube disorders; infections, cysts, tumours • Uterine & cervical disorders; Endometriosis, polyps, Fibroids, Cervical & uterine tumours, uterine displacement, Cystocele/ Urethrocel /Rectocele • Vaginal disorders; Infections, cysts, tumours • Diseases 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 Conception Methods, etc ○ Terminal methods <ul style="list-style-type: none"> - Sterilization • Emergency Contraception methods • Abortion – Natural, Medical & surgical abortion – MTP Act • Toxic Shock Syndrome • Injuries & Trauma; Sexual violence <p>Special Therapies</p> <p>Nursing procedures</p> <p>Drugs used in treatment of gynaecological disorders</p> <p>National family welfare programme</p>	
III.	V	<p>Nursing management of patients with Burns, reconstructive & cosmetic surgery</p> <ul style="list-style-type: none"> • Review of anatomy and physiology of the skin & connective 	10

		<p>tissues and various deformities</p> <ul style="list-style-type: none"> • Nursing Assessment - History and Physical assessment & Assessment of burns & fluid and electrolyte loss • Etiology, Classification, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of Burns & Re-constructive and Cosmetic surgery; • Types of Re-constructive and Cosmetic surgery; for burns, congenital deformities, injuries & cosmetic purposes • Role of Nurse • Legal aspects • Rehabilitation • Special therapies <ul style="list-style-type: none"> ○ Psycho social aspects <p>Nursing procedures</p> <p>Drugs used in treatment of Burns, reconstructive and cosmetic surgery</p>	
	<p>VI</p>	<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, Patho-physiology, Staging, clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of oncological conditions • Common malignancies of various body systems ; Oral, larynx, lung, Stomach & Colon, Liver, Leukemias& lymphomas, Breast, Cervix, Ovary, Uterus, Sarcoma, Brain, Renal, Bladder, Prostate etc • Oncological emergencies • Modalities of treatment 	<p>10</p>

	<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 ● Home care ● Hospice care ● Stomal Therapy ● Special therapies <ul style="list-style-type: none"> ○ Psycho social aspects ● Nursing procedures 	
	<p>VII Nursing management of patient in Emergency & Disaster situations</p> <p>Disaster Nursing :</p> <ul style="list-style-type: none"> ● Concepts & principles of Disaster Nursing ● Causes and Types of Disaster : 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 emerge-ncy/disaster management; International, national, state, institutional ● Disaster preparedness: ● Team, Guidelines, protocols, Equipment's, Resources ● Coordination and involvement of; Community, various govt. 	10

		<p>departments, non-govt. organizations & International agencies</p> <ul style="list-style-type: none"> • Role of nurse: working • Legal Aspects of Disaster Nursing • Impact on Health and after effects; Post Traumatic Stress Disorder • Rehabilitation; physical, psycho-social, Financial, Relocation <p>Emergency Nursing</p> <ul style="list-style-type: none"> • Concept, priorities, principles & scope of emergency nursing • Organization of emergency services: physical setup, staffing, equipment and supplies, protocols, Concepts of triage & role of triage nurse • Coordination & involvement of different departments & facilities • Nursing Assessment- History and Physical assessment • Etiology, Pathophysiology , clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of patient with medical & surgical Emergency • Principles of emergency management • Common Emergencies; • Respiratory Emergencies • Cardiac Emergencies • Shock & Haemorrhage • Pain • Poly-Trauma, road accidents, crush injuries, wound • Bites • Poisoning; Food, Gas, Drugs & chemical poisoning • Seizures • Thermal Emergencies <p>Heat stroke & Cold injuries</p> <ul style="list-style-type: none"> • Pediatric Emergencies • Psychiatric Emergencies • Obstetrical Emergencies 	
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		<ul style="list-style-type: none"> • Violence, Abuse, Sexual assault • Cardio Pulmonary Resuscitation • Crisis Intervention • Role of the nurse; Communication & Inter personal Relations <p>Medico-Legal Aspects</p>	
IV	VIII	<p>Nursing care of the elderly</p> <ul style="list-style-type: none"> • Nursing Assessment –History & Physical assessment • Ageing; • Demography; Myths and realities • Concepts & theories of ageing • Cognitive Aspects of Ageing • Normal biological ageing • Age related body systems changes • Psychosocial Aspects of Ageing • Medications and elderly • Stress & coping in older adults • Common Health Problems & Nursing Management; • Cardiovascular, Respiratory, Musculoskeletal, • 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 & spiritual • Role of nurse for caregivers of elderly • Role of family and formal and non- formal caregivers • Use of aids & prosthesis (hearing aids, dentures, • Legal & Ethical Issues • Provisions & Programmes for elderly; privileges, Community Programs and health services; 	10

		<ul style="list-style-type: none"> • Home & institutional care 	
	IX	<p>Nursing management of patient in critical care units</p> <ul style="list-style-type: none"> • Nursing Assessment –History & Physical assessment • Classification • Principles of critical care nursing • Organization; Physical setup, Policies, staffing norms, • Protocols, equipment and supplies • Special equipment’s; ventilators, cardiac monitors, defibrillators, • Resuscitation equipment’s • Infection Control Protocols • Nursing management of critically ill patient; • Monitoring of critically ill patient • CPR-Advance Cardiac Life support • Treatments & procedures • Transitional care • Ethical & Legal Aspects • Communication with patient and family • Intensive care records • Crisis Intervention • Death & Dying-coping with • Drugs used in critical care unit 	10
	X	<p>Nursing management of patients adults including elderly with Occupational and Industrial disorders</p> <ul style="list-style-type: none"> • Nursing Assessment –History & Physical assessment • Etiology, Pathophysiology, clinical manifestations, diagnosis, treatment modalities and medical & Surgical nursing management of occupational and industrial health disorders • Role of nurse 	8

	Special Therapies, alternative therapies	
	Nursing procedures	
	Drugs used in treatment of Occupational & Industrial disorders	
TOTAL		120

Text Book/Reference books

1. Black, J.M., and Hawks, J.H., *Medical Surgical Nursing*
2. Brunner, L.H., Suzanne, C. O. (2018). *Brunner &Suddharts Textbook of Medical Surgical Nursing. Philadelphia. Wolter Kluwer Health/ Lippincott Williams & Wilkins*
3. Ghai. (2018). *Clinical Nursing Procedures*
4. Gvalani, G.K.(2016).*Manual of instruments and operative surgery*
5. Hajeri, S. (2016).*Medical Surgical Nursing Practical Record book for B.Sc Nursing*
6. Ignatavicius, D.D., Workman, M.L., & Rebar, C.R. (2018). *Medical Surgical Nursing: Concepts for Interprofessional Collaborative Care. St. Louis. Elsevier*
7. Lewis. S.L., Dirksen, S.R., Heitkemper, M.M. Bucher, L., & Harding, (2017). *Medical – Surgical Nursing: Assessment and Management of Clinical Problems. St. Louis. Elsevie*
8. Potter, P.A., Perry, A.G., Stockert, P.A., & Hall, A.M. (2019). *Essentials for Nursing Practice. St. Louis. Elsevier*
9. Ray, S., (2016). *Advanced concepts in nursing: Psychological aspects of critically ill patient*
10. Sharma, S.K. (2017). *Lippincott Manual of Medical Surgical Nursing*
11. Williams, L., and Hopper, P.D. *Understanding Medical Surgical Nursing*

Course Outcomes:

The course utilizes the nursing process in order to achieve best practice outcomes in a medical surgical setting. Particular emphasis is placed on concepts of holistic care, patient education and discharge planning. On completion of this course students will be expected to: Examine nursing situations using standards of care, critical thinking, clinical reasoning and evidence based practice.

Applies a range of knowledge to promote health and well-being and prevent complications in adults and geriatrics experiencing illness and disease

3rd Year B. Sc. Nursing		
Subject Name: Child Health Nursing		Subject Code: NRS172C302
L-T-P-C – 3-0-1-4	Credit Units: 4	Scheme of Evaluation: (TP)

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

Prerequisites: Knowledge on anatomy and physiology, pharmacology, nutrition, medical surgical nursing

Detailed Syllabus:

Modules	Hours	Topics (if applicable) & Course Contents	Periods
I.	I	<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 child health and welfare • National programmes related to child health and welfare • Agencies related to welfare services to the children. • Changing trends in hospital care, preventive, promotive and 	15

		<p>curative aspects of child health.</p> <ul style="list-style-type: none"> • 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 <p>Child health nursing procedures</p>	
	II	<p>Nursing care of a neonate</p> <ul style="list-style-type: none"> • Nursing care of a normal newborn/ Essential newborn care • Neonatal resuscitation • Nursing management of a low birth weight baby. • Kangaroo mother care <p>Nursing management of common neonatal disorders</p> <ul style="list-style-type: none"> • Organization of neonatal unit. • Identification & nursing management of common congenital malformations. 	15
II.	III	<p>The Healthy child</p> <ul style="list-style-type: none"> • Principles of growth and development • Factors affecting growth& development • Growth and development form birth to adolescence • The needs of normal children <p>Through the stages of developmental and parental and parental guidance</p> <ul style="list-style-type: none"> • Nutritional needs of children & infants: breast feeding, 	20

		<p>exclusive breastfeeding and weaning,</p> <ul style="list-style-type: none"> • Baby friendly hospital concept • Accidents: causes and prevention • Value of play and selection of play material • Preventive immunization programme, and cold chain • Preventive paediatrics • Care of under-five & under five clinics/ well baby clinics 	
III.	IV	<p>Nursing management in common childhood diseases</p> <ul style="list-style-type: none"> • Nutritional deficiency disorders and infections • Gastrointestinal infections, infestations and congenial disorders • Cardio vascular problem: congenital defects and rheumatic fever, rheumatic heart disease • Genito- urinary disorders: acute glomerulus's 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 • 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. <p>Nursing care of infant and children with HIV/AIDS</p>	20

IV	V	Integrated management of neonatal and childhood illness(IMNCI)	10
	VI	Management of behavioural & social problems in children <ul style="list-style-type: none"> • Management of common behavioural disorders • Management of common psychiatric problems • Management of challenged children: Mentally, Physically, & Socially challenged • Welfare services for challenged children in India. • Child guidance clinics 	10
TOTAL			90

Text/Reference Book:

1. Hockenberry J. Marilyn. *Wong's Essentials of Pediatric Nursing*, Elsevier publications
2. Singh Meharban. *Care of the Newborn*, CBS Publishers and Distributors Pvt. Ltd.
3. Pal P, *Textbook of Pediatric Nursing*, Paras Medical Publishers
4. Datta P. *Pediatric Nursing*, 4th Jaypee Publishers
5. Sharma J N. *Principles and Practices of Pediatrics*, Peepee publishers
6. Singh M. *Neonatal emergencies*
7. Ghai OP. Paul VK. *Essential Pediatrics*, CBS Publisher and Distributors Pvt. Ltd.
8. Marwah D. *Complete review of paediatrics for NBE*

Course Outcomes: On completion of this course students will be expected to gain knowledge regarding various neonatal and pediatric disorders and will be able to render quality care.

Subject Name: Mental Health Nursing

Subject Code: NRS172C303

L-T-P-C – 3-0-1-4

Credit Units: 4

Scheme of Evaluation: (TP)

Course Objective:

The objectives of the course is to introduce students 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.

Prerequisites: Knowledge on psychology, communication education and technology

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	Introduction <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• Role and functions of mental health nurse in various settings and factors affecting the level of nursing practice• Concepts of normal and abnormal behaviour	5

	II	<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, defence mechanisms • Maladaptive behaviour of individuals and groups: stress, crisis and disaster(s) • Etiology: bio-psycho-social factors • Psychopathology of mental disorders: review of structure & function of brain, limbic system and abnormal neuro transmission • Principles of Mental health Nursing • Conceptual models and the role of nurse: <ul style="list-style-type: none"> ○ Existential Model ○ Psycho-analytical models ○ Behavioural model ○ Interpersonal model 	5
	III	<p>Assessment of mental health status</p> <ul style="list-style-type: none"> • History taking • Mental status examination • Mini mental status examination • Neurological examination : review • Investigations : Related Blood chemistry, EEG, CT & MRI • Psychological tests Role and responsibilities of nurse 	8

	IV	<p>Nursing management of patient with substance use disorders</p> <ul style="list-style-type: none"> • Commonly used psychotropic substance: Classification, forms, routes, action, intoxication & 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) & nursing management of patients with substance use disorders • Geriatric considerations • Follow-up and home care and rehabilitation 	5
II.	V	<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 • Review of technique of IPR-Johari Window • Goals, phases, tasks, therapeutic techniques • Therapeutic impasse and its intervention 	6
	VI	<p>Treatment modalities and therapies used in mental disorders</p> <ul style="list-style-type: none"> • Psycho Pharmacology • Psychological therapies: Therapeutic community, Psycho therapy-individual: psycho-analytical, cognitive & supportive, Family, Group, behavioural. Play, Psycho-drama, Music, Dance, Recreational & Light therapy, Relaxation therapies : Yoga, Meditation, bio feedback • Alternative systems of medicine 	14

		<ul style="list-style-type: none"> • Occupational therapy • Physical Therapy: electro convulsive therapy • Geriatric considerations • Role of nurse in above therapies 	
	VII	Nursing management of patient with Personality, Sexual & Eating disorders <ul style="list-style-type: none"> • Classification of disorders • Etiology, psycho-pathology, characteristics, diagnosis, • Nursing assessment-History, Physical and mental assessment • Treatment modalities and nursing management of patients with Personality, Sexual & Eating disorders • Geriatric considerations • Follow-up and home care and rehabilitation 	4
III.	VIII	Nursing management of patient with Schizophrenia, and other psychotic disorders <ul style="list-style-type: none"> • Classification: ICD • Etiology, psycho-pathology, types, clinical manifestations, diagnosis • Nursing Assessment - History, Physical & mental assessment • Treatment modalities and nursing management of patients with Schizophrenia & other psychotic disorders • Geriatric considerations • Follow up and home care and rehabilitation 	5
	IX	Nursing management of patient with neurotic, stress related and somatization disorders <ul style="list-style-type: none"> • Anxiety disorder, Phobias, Dissociation and Conversion disorder, Obsessive compulsive disorder, somatoform disorders, Post traumatic stress disorder 	8

		<ul style="list-style-type: none"> • Etiology, psycho-pathology, clinical manifestations, diagnosis • Nursing Assessment-History, Physical & mental assessment • Treatment modalities and nursing management of patients with neurotic, stress related and somatization disorders • Geriatric considerations • Follow-up and home care and rehabilitation 	
	X	<p>Nursing management of organic brain disorders</p> <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 considerations • Follow-up and home care and rehabilitation 	5
	XI	<p>Legal issued in Mental Health Nursing</p> <ul style="list-style-type: none"> • The Mental Health Act 1987: Act, sections, Articles & their implications etc. • Indian Lunacy Act 1912 • Rights of mentally ill clients • Forensic psychiatry 	4

		<ul style="list-style-type: none"> • Acts related to narcotic and psychotropic substances and illegal drug trafficking • Admission and discharge procedures • Role and responsibilities of nurse 	
IV	XII	<p>Nursing management of patient with mood disorders</p> <ul style="list-style-type: none"> • Mood disorders: Bipolar affective disorder, Mania depression & dysthymia etc • Etiology, psycho-pathology, clinical manifestations, diagnosis, • Nursing Assessment –History, Physical and mental assessment • Treatment modalities and nursing management of patients with mood disorders • Geriatric considerations • Follow-up and home care and rehabilitation 	5
	XIII	<p>Nursing management of child-hood and adolescent disorders including mental deficiency</p> <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 	6

	XIV	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 	6
	XV	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 • Mental Health Agencies: Government and voluntary, National and International • Mental health nursing issues for special populations: Children, Adolescence, Women, Elderly, Victims of violence and abuse, Handicapped, HIV/AIDS etc. 	4
	TOTAL		90

Text/ Reference Books:

1. Ahuja N, Ahuja S.A *short textbook of psychiatry*
2. Lalitha K. (2012).*Mental Health and Psychiatric Nursing*. CBS Publishers & Distributors;

3. Neeraja K.P.(2008).*Psychiatric Mental Health Nursing*. New Delhi: Jaypee Brothers Medical Pub;
4. Sreevani. R (2016). *A Guide to Mental Health and Psychiatric Nursing*. New: Jaypee Brothers Medical Pub;
5. TownsendMT(2018),*Essentials of Mental Health and Psychiatric Nursing*. New Delhi: Jaypee Brothers Medical Pub;

Course Outcomes:

On completion of this course students will be expected to gain 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

3rd Year B. Sc. Nursing	
Subject Name: Nursing Research and Statistics	Subject Code: NRS172D305
L-T-P-C – 3-0-1-4 Credit Units:4	Scheme of Evaluation: (T)

Course Objective:

The objective of the course is to enable students to develop and understand basic concepts of research, research process and statistics. It helps students to conduct, participate in need based research studies in various settings and utilize the research findings to provide quality nursing care.

Prerequisites: Knowledge on computer

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	<p>Research and Research Process</p> <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 	4

		<ul style="list-style-type: none"> Steps of Research process-overview 	
	II	Research problem/question <ul style="list-style-type: none"> Identification of problem area Problem statement Criteria of a good research problem * Writing objectives 	3
	III	Analysis of data <ul style="list-style-type: none"> Compilation, Tabulation, classification, summarization, presentation, interpretation of data 	4
II.	IV	Review of literature <ul style="list-style-type: none"> Location Sources On line search CINHAL, COCHRANE etc Purposes Method of review	3
	V	Research approach and designs <ul style="list-style-type: none"> Historical, survey and experimental Qualitative and quantitative designs 	4
	VI	Communication and utilization of research <ul style="list-style-type: none"> Communication of Research findings Verbal report Writing research report Writing scientific article/paper 	4

		<ul style="list-style-type: none"> • Critical review of published research • Utilization of research findings 	
III	VII	<p>Sampling and Data Collection</p> <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, where to collect • Data collection methods and instruments: • Methods of data collection, • Questioning, interviewing, Observations, record analysis and measurements, • Types of instruments, • Validity and reliability of the instrument, • Pilot study, • Data collection procedure 	8
IV	VIII	<p>Introduction to statistics</p> <ul style="list-style-type: none"> • Definition, use of statistics, scales of measurement • Frequency distribution and graphical presentation of India • Mean, Median, Mode, Standard deviation • Normal probability and tests of significance. • Co-efficient of correlation • * Statistical packages and its application 	15
TOTAL			45

Text/ Reference Book:

1. Jane R .*Qualitative research practice : A guide for social science students and researchers*

2. Kaur. *Simplified nursing research and statistics for undergraduates*
3. Kothari R, Garg G.(2019). *Research Methodology: Methods & Techniques*: New age International Publishers
4. Patidar A (2015). *Nursing research and statistics*.New Delhi. Orient Blackswan Private limited
5. Polit D F. *Essentials of nursing research appraising evidence for nursing practice*
6. Sharmah S (2018). *Nursing research and statistics*.Kolkata: Elseiver India.

Course Outcomes:

On completion of this course students will be expected to develop and understand basic concepts of research, research process and statistics and to conduct, participate in need based research studies in various settings and utilize the research findings to provide quality nursing care.

3rd Year B. Sc. Nursing		
Subject Name: Midwifery and Obstetrical Nursing	Subject Code: NRS172D306	
L-T-P-C – 3-0-1-4	Credit Units: 4	Scheme of Evaluation: (TP)

Course Objective:

The objective of the course is designed for the students to appreciate the concepts and principles of midwifery and obstetrical nursing. It helps the student acquire knowledge and skills in rendering nursing care to normal antenatal, natal and post-natal periods in hospitals and community settings.

Prerequisites: Knowledge on pediatrics, medical surgical nursing, microbiology, anatomy and physiology, pharmacology, pathology and genetics

Detailed Syllabus:

Modules	Unit	Topic (if applicable) & Course Contents	Periods
I.	I	Introduction to midwifery and obstetrical Nursing <ul style="list-style-type: none"> • Introduction to concepts of midwifery and obstetrical Nursing 	4

		<ul style="list-style-type: none"> • Trends in midwifery and obstetrical nursing • 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 & welfare • Maternal, morbidity, mortality and fertility rates • Perinatal, morbidity and mortality rates 	
	<p>II</p>	<p>Review of anatomy & physiology of female reproductive system and foetal development</p> <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 organs and their anatomical relations, musculature – blood supply, nerves, lymphatics, pelvic cellular tissue, pelvic peritoneum • Physiology of menstrual cycle • Human sexuality • Foetal development • Conception • Review of fertilization, implantation (embedding of the ovum), development of the embryo & placenta at term functions, abnormalities, the foetal sac, amniotic fluid, the umbilical cord. • Foetal circulation, foetal skull, bones, sutures and measurements • Review of Genetics 	<p style="text-align: center;">8</p>

II.	III	<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"> - 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 • Diagnosis of pregnancy <ul style="list-style-type: none"> - Signs - Differential diagnosis - Confirmatory tests • Ante-natal care <ul style="list-style-type: none"> - Objectives - Assessment - History and physical examination - Antenatal Examination - Signs of previous child-birth - Relationship of foetus to uterus and pelvis : Lie, Attitude, Presentation, Position • Per vaginal examination • Screening & assessment for high risk; 	8
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		<ul style="list-style-type: none"> • Risk approach • History and Physical Examination • Modalities of diagnosis; Invasive & Non-Invasive, ultrasonics, cardiotomo-graphy , NST, CST - Antenatal preparation - 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 - Adjustment to pregnancy - Unwed mother - Single parent - Teenage pregnancy - Sexual violence • Adoption 	
III.	V	<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 & abnormal - Duration - Preparation of: <ul style="list-style-type: none"> ➤ Labour room ➤ Woman - Assessment & observation of women in labour 	12

		<ul style="list-style-type: none"> ; partogram – maternal and foetal monitoring - Active management of labour, Induction of labour - Pain relief and comfort in labour • Second stage • Signs and symptoms; normal & abnormal • Duration • Conduct of delivery ; principles and techniques • Episiotomy (only if required) • Receiving the new born <ul style="list-style-type: none"> - 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 & abnormal • Duration • Method of placental expulsion • Management; Principles and techniques • Examination of the placenta • Examination of perineum • Maintaining records and reports • Fourth Stage 	
IV		Assessment and management of women during post	6

		<p>natal period</p> <ul style="list-style-type: none"> • Normal puerperium; Physiology Duration • Postnatal assessment and management <ul style="list-style-type: none"> - Promoting physical and emotional well-being - Lactation management - Immunization • Family dynamics after child-birth • Family welfare services; methods, counselling • Follow-up • Records and reports 	
		<p>IV : 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 • Immunization • Minor disorders of newborn and its management • Levels of Neonatal care (level I, II, & III at primary, secondary and tertiary levels <p>Maintenance of reports and records</p>	7
TOTAL			45

Text Book:

7. Dutta, D.C (2017). *Textbook of obstetrics*. New Delhi:Jaypee Brother's Medical Publication
8. Dutta, D.C(2017). *Textbook of gynaecology*. New Delhi: Jaypee Brother's Medical Publication
9. Fraser DM, Cooper MA. *Myles textbook for midwives*

10. Jacob A(2018).*A comprehensive Textbook of Midwifery and Gynaecological Nursing*.
New Delhi: Jaypee Brother's Medical Publishers.
11. Podder L.*Obstetrical nursing and gynaecology procedure manual*

Course Outcomes:

On completion of this course students will be expected to appreciate the concepts and principles of midwifery, have knowledge and skills in rendering nursing care of normal woman during antenatal, intranatal and post natal period.

Name of Course: B. Sc. Nursing
Programme Structure

4th Year B. Sc. Nursing							
Sl.No.	Subject Code	Names of subjects	L	T	P	C	TCP
Core Subjects (Please Add rows, as required)							
1	NRS172C401	Midwifery & Obstetrical Nursing	2	0	1	3	4
	NRS172C411	Midwifery & Obstetrical Nursing (Clinical)					180
2	NRS172C402	Community Health Nursing-II	3	0	0	3	3
	NRS172C412	Community Health Nursing-II (Clinical)					135
3	NRS172C403	Management of Nursing Service & Education	2	0	0	2	2
Internship (Integrated Practice)							
1		Midwifery & Obstetrical Nursing					240
2		Community Health Nursing-II					192
3		Medical Surgical Nursing (Adult & Geriatrics)					432
4		Child Health Nursing					144
5		Mental Health Nursing					96
6		Research Project					48
Ability Enhancement Compulsory Courses (AECC)							

Ability Enhancement Elective Courses (AEEC)							
Generic Elective							

*Clinical posting depicts total hours in a year

4th Year B.Sc Nursing	
Subject Name: Midwifery and Obstetrical Nursing	Subject Code: NRS172C401
L-T-P-C – 2-0-1-3	Credit Units: 3
	Scheme of Evaluation: (TP)

Course Objective:

The objectives of the course are designed for students to appreciate the concept and principles of midwifery and obstetrical nursing. It helps in rendering nursing care to high risk pregnant women during antenatal, natal and post-natal periods and helps to develop skills in managing normal and high risk neonates and participate in family welfare programme.

Prerequisites: Knowledge on gynecology, pediatrics, medical surgical nursing, microbiology, anatomy and physiology, pharmacology, pathology and genetics

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	<p style="text-align: center;">High-risk pregnancy-assessment & management</p> <ul style="list-style-type: none"> Screening and assessment (Ultrasonics, cardiotomo-graphy, NST, CST, non-invasive &invasive,Newer modalities of diagnosis) 	10

		<ul style="list-style-type: none"> • High –risk approach, Levels of care; primary, secondary & tertiary levels • Disorders of pregnancy (Hyper-emesis gravidarum, bleeding in early pregnancy, abortion, ectopicPregnancy, vesicular mole,Ante-partum haemorrhage) • Uterine abnormality and displacement • Diseases complicating pregnancy (Medical and surgical conditions, Infections, RTI(STD), UTI, HIV, TORCH ,Gynaecological diseases complicating pregnancy, 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 	
II.	II	<p>Abnormal Labour – assessment and management</p> <ul style="list-style-type: none"> • Disorders in labour (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 procedures and operations;(Presentation and prolapse of cord, Vasa praevia, amniotic fluid embolism, rupture of uterus, shoulder dystocia, obstetrical shock) • Obstetrical procedures and operations (Induction of labour, forceps, vacuum version, manual removal of placenta, caesareansection, destructive operations) • Nursing management of women undergoing Obstetricaloperations & procedures 	14

		<ul style="list-style-type: none"> • Assessment and management of women with postnatal complications (Puerperial infections, breast engorgement & infections, UTI, thrombo- Embolic disorders, post-partum haemorrhage, Eclampsia & subinvolution Psychological complications: - Post- partum Blues, Post-partum Depression, Post-partum Psychosis) 	
III.	III	<p>Assessment and management of High risk newborn</p> <ul style="list-style-type: none"> • Admission of neonates in the neonatal intensive care units- protocols • Nursing management of : (Low birth weight babies, Infections, Respiratory problems ,haemolytic disorders , Birth injuries, Malformations • Monitoring of high risk neonates, Feeding of high risk neonates • Organisation & management of neonatal intensive care units • Infection control in neonatal intensive care units, Maintenance of reports and records 	8
	IV	<p>Pharmaco-therapeutics in obstetrics and family welfare program</p> <ul style="list-style-type: none"> • Indication, dosage, action, contra indication & 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, anti-convulsants; • Analgesics and anesthetics in obstetrics • Effects of maternal medication on foetus & neonate 	4

IV	V	<p>Abnormalities during Postal periods</p> <ul style="list-style-type: none"> • Assessment and management of women with postnatal complication • Puerperal infections, breast engorgement, and infections, UTI, thrombo Embolic disorders, post partum haemorrhage, eclampsia, and subinvolusion • Psychological complications, • Post partum blues • Post partum depression • Post partum psychosis 	3
	VI	<p>Family welfare programme</p> <ul style="list-style-type: none"> • Population trends and problems in India • Concepts, aims, importance & history of family welfare programme • National Population: dynamics, policy & education • National family welfare programme; RCH, ICDS, MCH Safe motherhood • Organization & administration at national, state, district, block and village levels • Methods of contraception; spacing, temporary & permanent, Emergency contraception • Infertility and its management • Counselling for family welfare • Latest research in contraception • Maintenance of vital statistics • Role of national, international & 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) 	10

TOTAL			90

Text / Reference Book:

1. Dutta, D.C (2017).*Textbook of gynaecology*. New Delhi: Jaypee Brother's Medical Publication
2. Dutta, D.C (2017).*Textbook of obstetrics*. New Delhi: Jaypee Brother's Medical Publication
3. Jacob A (2018).*A comprehensive Textbook of Midwifery and Gynaecological Nursing*. New Delhi: Jaypee Brother's Medical Publishers.
4. Podder L.(2015).*Obstetrical nursing and gynaecology procedure manual*
5. Wani RJ. *Textbook of midwifery for nurses*

Course Outcomes:

On completion of this course students will be expected to appreciate the concepts and principles of midwifery, have knowledge and skills in rendering nursing care to high risk pregnant woman during antenatal, intra-natal and post-natal period

4th Year B.Sc Nursing		
Subject Name: Community Health Nursing II	Subject Code: NRS172C402	
L-T-P-C – 3-0-0-3	Credit Units: 3	Scheme of Evaluation: (TP)

Course Objective:

The objectives of the course is to introduce students to practice community health nursing for the individual, family and groups at both urban and rural setting by using concept and principles of health and community health nursing.

Prerequisites: Knowledge on community health nursing-I, Sociology

Modules	Unit	Topics (if applicable) & Course Contents	Periods
I.	I	Introduction <ul style="list-style-type: none"> • Definition, concept & scope of community health nursing 	4

		<ul style="list-style-type: none"> • Historical development of community health and community health nursing • pre- independence • post – independence 	
II	Health planning and polices And problems <ul style="list-style-type: none"> • National health planning in India five year plan’s • 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 polices (1983, 2002) ○ National population policy • Health planning and health care delivery system in India (IPHS guidelines). • Health problems in India 	6	
III	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"> <input type="checkbox"/> Village <input type="checkbox"/> Subcentre <input type="checkbox"/> Primary health center <input type="checkbox"/> Community health Center/ sub divisional <input type="checkbox"/> Hospitals <input type="checkbox"/> District 	15	

		<ul style="list-style-type: none"> <input type="checkbox"/> State <input type="checkbox"/> Center <ul style="list-style-type: none"> • Urban: organization, staffing and functions of urban health services provided by government at: <input type="checkbox"/> Slums <input type="checkbox"/> Dispensaries <input type="checkbox"/> Material And Child Health Centers <input type="checkbox"/> Special Clinics <input type="checkbox"/> Hospitals <input type="checkbox"/> Corporation/ <ul style="list-style-type: none"> <input type="checkbox"/> Municipality/ Board <ul style="list-style-type: none"> • Components of health Services <input type="checkbox"/> Environmental Sanitation <input type="checkbox"/> Health Education <input type="checkbox"/> Vital Statistics <input type="checkbox"/> M.C.H. Antenatal, Natal, Postnatal, MTP Act, Female Feticide Act, Child Adoption Act <input type="checkbox"/> Family Welfare <input type="checkbox"/> National Health Programmes <input type="checkbox"/> School Health Services <input type="checkbox"/> Occupational Health <input type="checkbox"/> Defense Service <input type="checkbox"/> Institutional Services <ul style="list-style-type: none"> • Systems of medicine and health care <input type="checkbox"/> Allopathy <input type="checkbox"/> Indian System Of Medicine And Homeopathy <input type="checkbox"/> Alternative Health Care Systems Like Yoga, Meditation, Social And Spiritual Healing Etc. <ul style="list-style-type: none"> • Referral system 	
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		<ul style="list-style-type: none"> • AYUSHMAN BHARAT- The up gradation of sub-centers into of health and wellness centers, Concept of Comprehensive primary health care and key elements of CPHC, service delivery and continuum of care and Roles of Mid-level health care providers(MLHP) • Roles & responsibilities of Mid level health care providers (MLHP). • Diagnosing and treatment skills essential at sub- centre level using • Standard treatment protocols as per national health programme. • Financial Management, Accounts and • computing at Sub – centre. 	
II.	IV	<p>Community health nursing Approaches, concepts and roles and responsibilities of nursing personnel</p> <ul style="list-style-type: none"> • Approaches <input type="checkbox"/> Nursing theories and nursing process <input type="checkbox"/> Epidemiological approach <input type="checkbox"/> Problem solving approach <input type="checkbox"/> Evidence based approach empowering people to care for themselves • Concepts of primary health care: <input type="checkbox"/> Equitable Distribution <input type="checkbox"/> Community Participation 	25

		<ul style="list-style-type: none"> <input type="checkbox"/> Focus On Prevention <input type="checkbox"/> Use Of Appropriate Technology <input type="checkbox"/> Multi Sectoral Approach <ul style="list-style-type: none"> • Roles and responsibilities of community health nursing personnel in <input type="checkbox"/> Family Health Services <input type="checkbox"/> Information Education Communication (IEC) <ul style="list-style-type: none"> ▪ Behaviour change communication and soft skills. <input type="checkbox"/> Management Information System(Mis): Maintenance Of Records & Reports <input type="checkbox"/> Training And Supervision Of Various Categories Of Health Workers <ul style="list-style-type: none"> • Postpartum visits by health workers. • Programme Management including supervision and monitoring. • Health Management Information System (HMIS). • Electronic Medical Records (EMR) <input type="checkbox"/> National Health Programmes <input type="checkbox"/> Environmental Sanitation <input type="checkbox"/> Maternal And Child Health And Family welfare <input type="checkbox"/> Treatment Of Minor Ailments <input type="checkbox"/> School Health Services <input type="checkbox"/> Occupational Health <input type="checkbox"/> Organization Of Clinics, Camps: Types, Preparation, Planning, Conduct And Evaluation <input type="checkbox"/> Waste Management In The Center, Clinics Etc. 	
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		<ul style="list-style-type: none"> • Home visit: concept, principles, process, techniques: bag technique home visit • Qualities of community health nurse • Job description of community health nursing personnel 	
III.	V	<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 - Assessment of self and family - Monitoring growth and development - Mile stones - Weight measurement - Social development - Temperature and blood - Pressure monitoring - Menstrual cycle - Breast, self-examination and testicles - Warning signs of various diseases - Tests: urine for sugar and albumin, blood sugar <p>B. Seek health services for</p> <ul style="list-style-type: none"> - Routine checkup - Immunization - Counseling diagnosis - Treatment - Follow up <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>	15

		<p>E. Carryout therapeutic procedures as prescribed/required for self and family</p> <ul style="list-style-type: none"> - Social Mobilization skills. - Drug dispensing <p>F. Waste management</p> <ul style="list-style-type: none"> - Collection and disposal of waste at home and community - Update biomedical waste management by specifying biomedical waste management rules 2016. <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 feticide - 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 	
IV	VI	<p>National health and family Welfare programmes and the Role of a nurse</p> <ul style="list-style-type: none"> ▪ National ARI programme ▪ Revised national tuberculosis control 	• 20

		<p>programme (RNTCP)</p> <ul style="list-style-type: none"> ▪ National anti- malaria prog ▪ National filaria control prog ▪ National guinea worm eradication programme ▪ National leprosy eradication programme ▪ National AIDS control programme ▪ STD control programme ▪ National programme for control of blindness ▪ Iodine deficiency disorder prog ▪ Expanded programme on immunization ▪ National family welfare Programme – RCH programme historical Development, organization, Administration, research, Constraints. ▪ National water supply and Sanitation programme ▪ Minimum need programme ▪ National diabetics control Programme ▪ Polio eradication: pulse 	
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		<p>polio Programme</p> <ul style="list-style-type: none"> ▪ National cancer control prog ▪ Yaws eradication prog ▪ National nutritional Anemia Prophylaxis programme ▪ 20 point programme ▪ ICDS programme ▪ Mid day meal applied nutritional programme ▪ National mental health prog ▪ Health schemes <p>- ESI</p> <p>-CGHS</p> <p>-Health insurance</p> <ul style="list-style-type: none"> ▪ Introduction to Rashtriya Bal Sureksha Karyakaram (RBSK). ▪ Integrated disease surveillance project (IDSP) ▪ Mental health act, drug de-addiction programmes. ▪ All the national health programmes on Communicable, non communicable. ▪ New national health programmes. 	
	VII	<ul style="list-style-type: none"> • Health agencies international - WHO, UNFPA, UNDP, World Bank, FAO, UNICERF, DANIDA, European Commission (EC), Red cross, USAID, UNESCO, Colombo Plan, ILO, CARE etc. 	5

		- National – Indian red cross, Indian council for child welfare, Family planning association of India etc	
TOTAL			90

Text /Reference Book:

1. Basavanthappa BT. *Community health nursing*
2. Clement I. (2012). *Manual of Community Health Nursing*, Jaypee Brothers Medical Publishers.
3. Daksh B. *A comprehensive textbook of Community health nursing*
4. Gulani KK. (2012). *Community health nursing-I*. New Delhi; Kumar publishing house
5. Kamalam S. *Community health nursing practice*
6. Kamalam S.(2016).*Essentials of community health Nursing*, Jaypee brothers
7. Kumara N. *Community health nursing*
8. Parameshwari. G.N.K. (2015-2016), *Text Book of Community Health Nursing*, Frontline Publications.
9. Park K. (2018). *Preventive and social medicine*. Jabalpur; M/s Banarsidas Bhanot
10. Thressiamma PM. *Procedures and theories of community health nursing*

Course Outcomes:

On completion of this course students will be expected to practice community health nursing for the individual, family and groups at both urban and rural setting by using concept and principles of health and community health nursing.

4th Year B. Sc. Nursing**Subject Name: Management of nursing services & education Subject Code: NRS172C403****L-T-P-C – 2-0-0-2****Credit Units:2****Scheme of Evaluation: (T)****Course Objective:**

This course is designed to enable students to acquire in-depth understanding of management of hospital services, management of nursing services and 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 nursing profession.

Pre-requisites: Knowledge on psychology, communication education technology, sociology

Detailed Syllabus:

Modules	Unit	Topics (if applicable) & Course Contents	Periods
	I	Introduction to management in nursing <ul style="list-style-type: none">• Definition, concepts and theories• functions of management• Principles of management• role of nurse as a manager and her qualities	4
	11	Management process <ul style="list-style-type: none">• Planning, Mission, Philosophy, Objectives, Operational plan• Staffing: philosophy, staffing study, norms, activities, patient Classification system, scheduling• Human resource management: recruiting, selecting, development, retaining, promoting, super annulation etc.• Budgeting: concept, principles, types, cost benefit analysis audit Material management: equipment and supplies• Directing process (Leading)• Controlling: quality management	5

		<ul style="list-style-type: none"> • Program evaluation • Review technique (PERT), Bench marking, activity plan (Gantt chart) 	
	III	<p>Organizational behaviour and Human relations</p> <ul style="list-style-type: none"> • Concepts and theories of organizational behaviours • Review of channels of communication • Interpersonal relationships human relations • Leadership styles, power, types • Review of motivation: concepts and theories • Public relations in context of nursing • Relations with professional • Associations and employee union • Collective bargaining 	5
II	IV	<p>Management of nursing services in the hospital and community</p> <ul style="list-style-type: none"> • Planning • Hospital & patient care units Including ward management • Emergency and disaster management • Human resource management • Recruiting, selecting, deployment, retaining, promoting, superannuation • Categories of nursing Personnel including job description of all levels • Patients/ population Classification system • Patients/ population Assignment and nursing care 	<p>8 theory</p> <p>20 practical</p>

		<p>Responsibilities</p> <ul style="list-style-type: none"> • Staff development & Welfare programmes • Budgeting: Proposal, projecting requirements for staff, equipments and supplies for Hospital and patient care units • Emergency and disaster Management • Directing & leading: delegation, participatory management • Assignments, rotations, delegations • Supervision & guidance • Implement standards, policies, Procedures and practices • Staff development & welfare • Maintenance of discipline • Controlling/ Evaluation • Nursing rounds/ visits, nursing protocols, manuals • Quality assurance model, Documentation • Records and reports • Performance appraisal • Hospital and patient care units • Emergency and disaster management • Material management: Procurement, inventory Control, auditing and • Maintenance in <ul style="list-style-type: none"> - Hospital and patient care units - Emergency and disaster Management • Directing & leading: delegation, participatory management • Implement standards, policies, Procedures and practices • Staff development & welfare • Maintenance of discipline • Controlling/ Evaluation 	
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		<ul style="list-style-type: none"> • Nursing rounds/ visits, nursing protocols, manuals • Quality assurance model, Documentation • Records and reports • Performance appraisal • Assignments, rotations, delegations • Supervision & guidance 	
III	VI	<p>In-service education</p> <ul style="list-style-type: none"> • Nature & scope of in-service education program • Organization of in-service education • Principles of adult learning • Planning for in-service education program, techniques, methods, and evaluation of staff education program • Preparation of report 	<p>5 theory</p> <p>5 practical</p>
	VII	<p>Management of nursing educational institutions</p> <ul style="list-style-type: none"> • Establishment of nursing educational institution – INC • Norms and guidelines • Co-ordination with <ul style="list-style-type: none"> - Regulatory bodies - Accreditation - Affiliation philosophy/ objectives, organization - Structure - Committees - Physical facilities - College / school - Hostel -Students - selection 	10

		<ul style="list-style-type: none"> - Admission - Guidance and counselling - Maintaining discipline -Faculty and staff - Selection - Recruitment - Job description - Placement - Performance appraisal - Development and welfare - Budgeting - Equipment's and supplies: audio visual equipment's, laboratory equipment's, books, journals etc. - Curriculum: planning, Implementation and evaluation - Clinical facilities - Transport facilities - Institutional records, and - Reports – administrative, - Faculty, staff and students. 	
IV	VIII	<p>Nursing as a profession</p> <ul style="list-style-type: none"> • Nursing as a profession • Philosophy; nursing practice • Aims and objectives • Characteristics of a professional nurse • Regulatory bodies; INC, SNC • Acts:- constitution, functions • Current trends and issues in nursing • Professional ethics - Code of ethics; INC, ICN - Code of professional conduct; INC, ICN • Practice standards for nursing; INC 	10

		<ul style="list-style-type: none"> • Consumer protection act - to practice; Registration and licensing - Laws related to nursing practice breach and penalties - Malpractice and negligence 	
	IX	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, newspaper etc 	3
Total			90

Text / Reference Book:

1. Basavanthappa BT. *Management of nursing services and education*
2. Clement. I (2017). *Management of Nursing services and education*. Elsevier
3. Kaur S, Kaur J. *Textbook of Nursing Management And Services For B Sc And Post Basic Nursing*
4. Kelly P. *Essentials of nursing leadership and management*
5. Kumari N. *Management of nursing services and education*
6. Marquis B.L (2017). *Leadership roles and management functions in nursing theory and application*
7. SP Robbins. *Fundamentals of management*
8. Vati J (2014) *Principles & Practice of Nursing management & administration*. Jaypee brothers

Course Outcomes:

On completion of this course students will be expected to appreciate the concepts and principles of nursing management and will be able to implement their understanding in nursing service and nursing education

PRACTICAL NURSING FOUNDATIONS

Placement: First year B. Sc. Nursing

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

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 Method
Demonstration on 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 • Prepares nursing care plan as per the nursing process format • Communic 	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 records 	<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 • Assessment of nursing

		<p>ate ate effectively with patient families and team members and</p> <ul style="list-style-type: none"> • Maintain effective human relations 	<ul style="list-style-type: none"> • Discharge/ Transfer out • Gives discharge counseling • 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 <p>Perform assessment:</p> <ul style="list-style-type: none"> • History taking : Nursing diagnosis, • Problem list, prioritization • Goals& Expected outcomes, selections of intervention • Write nursing Care plan • Gives care as per the per the plan • Communication • Use verbal and non-verbal 	<ul style="list-style-type: none"> • Write nursing process records of patient • Simulate d-1 • Actual-1 Role-plays in simulated situations on communication 	<p>process records with checklist</p> <ul style="list-style-type: none"> • Assessment of actual care given with rating scale • Assess role plays with the check list on communication technique • Assess health talk with the check list
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			communication techniques	techniques	
				<ul style="list-style-type: none"> Health talk- 1 	
		<ul style="list-style-type: none"> Develops plan for patient teaching Prepare patient reports Presents report Monitor vital signs Perform health assessment of each body system 	<p>Prepare a plan for patient teaching session</p> <p>Write patient report</p> <ul style="list-style-type: none"> Change- of shift report, Transfer reports Incident reports etc Present patient report <p>Vital signs</p> <p>Measure Records and interpret Alterations in body temperature, pulse respiration and blood pressure</p> <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, 	<ul style="list-style-type: none"> Write nurses notes and present the patient report of 2-3 assigned patient Lab practice Measure Vital signs of assigned patient 	<ul style="list-style-type: none"> Assessment of communication techniques by rating scale Assessment of performance with rating scale Assessment of each skill with checklist Completion of activity record

			<p>Auscultation, Olfaction</p> <ul style="list-style-type: none"> • Identification of system wise <p>Deviations</p>		
		<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,& flowers 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 and parental feeding • Nso-gastric insertion, suction, and irrigation <p>Assisting patient in</p>	<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

			<p>urinary elimination</p> <ul style="list-style-type: none"> • Provides urinal/ bed plan • 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</p> <p>Body Alignment and Mobility:</p> <ul style="list-style-type: none"> - Range of motion exercises - Positioning: Recumbent Lateral (rt/t), Fowler's Sims Lithotomy, Prone, Trendelenburg position - Assist patient in moving, lifting, transferring, walking - Restraints 		
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		•	<p>Oxygen administration</p> <p>Suctioning: oropharyngeal, nasopharyngeal, Chest physiotherapy and postural drainage Care of chest drainage CPR- Basic life support Intravenous therapy Blood and blood competent therapy 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/glucometer) <p>Hot and cold applications:</p> <p>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 care of</p>		•
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			mentally challenged/ disturbed patients		
		<ul style="list-style-type: none"> Perform infection control procedures 	<p>Infection control</p> <ul style="list-style-type: none"> Perform following procedures: Hand washing techniques (Simple, hand antiseptis (scrub) Prepare isolation unit in lab/ ward Practice technique of wearing and removing personal protective equipment(PPF) Practice standard safety precautions(universal precautions) <p>Decontamination of equipment and unit:-</p> <ul style="list-style-type: none"> Surgical asepsis Sterilization Handling sterilized equipment Calculate strength of lotions Prepare lotions Care of articles 	<ul style="list-style-type: none"> Observation study- 2 Department of infection control & CSSD Visits CSSD write observation report Collection of samples for culture Do clinical posting in infection control department and write report Practice in lab/ ward 	<ul style="list-style-type: none"> Assessments of each skill with rating scale Completion of activity records

		<ul style="list-style-type: none"> • Provide care to pre and post-operative patients • Perform procedures for care of wounds 	<p>Pre and post-operative care:</p> <ul style="list-style-type: none"> • Skin preparations for surgery: Local • Preparation of post-operative unit • Pre and post-operative teaching and counseling • Pre and post-operative monitoring • Care of the wound 		
	100	<ul style="list-style-type: none"> • Administer drugs • Provide care to dying and dead • Counsel and support relatives 	<ul style="list-style-type: none"> • Dressings, Suture care, care of drainage, application of bandages Binders, splints& slings • Bandages of various body parts <p>Administration of medications</p> <ul style="list-style-type: none"> • Administer Medications in different forms and routes • Oral, sublingual and Buccal • Parenteral: Intradermal, 		

			<p>subcutaneous, And Intramuscular.</p> <ul style="list-style-type: none"> • Assist with intra – venous medications • Drug measurements and dose calculations • Preparation of lotion and calculation • Administers topical applications • Insertion of drug into body cavity: Suppository & medicated packing etc • Instillation of medicines and spray into ear , Eye , throat and nose • Irrigations: Eye ear bladder vagina and rectum • Inhalations: dry and moist <p>Care of dying patient</p> <ul style="list-style-type: none"> • Caring and packing of dead body • Counseling and supporting grieving relatives • Terminal care of the 		
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			unit		
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MEDICAL SURGICAL NURSING

(Adult including Geriatrics)-I

Placement: Second year B. Sc. Nursing

Time: 720 Hours

Areas	Durati on(in week)	Objectives	Skills	Assignment	Assessment method
General medical ward(*Respi ratory, 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 - Taking history - Perform general and specific - Physical Examination - Identify alterations and deviations • Practice medical surgical asepsis- standard safety • Measures • Administer medications <ul style="list-style-type: none"> - Oral, IV, IM, Subcutaneous • IV therapy 	<ul style="list-style-type: none"> • Plan and give care to- 3-4 • Assigned • Nursing care plan-2 • Nursing case study/ • Presentatio n-1 • Drug presentatio n-1 • Maintain drug • Book • Maintain 	<ul style="list-style-type: none"> • Assess performan ce with rating scale • Assess each skill • With checklist • Evaluation of case study/ • Presentati on • Completio n of practical record.

			<ul style="list-style-type: none"> - IV canulation - Maintenance and monitoring • Oxygen therapy by different methods • Nebulization • Chest physio- therapy • Naso gastric feeding • Assist in common diagnostic • Perform/Assist in the therapeutic procedures • Blood and component therapy • Throat Suctioning • Collection specimen for common investigations. • Maintain elimination <ul style="list-style-type: none"> - Catheterization - Bowel wash - Enema - Urinary drainage • Maintain Intake , Output and documentation - Counsel and tech related to specific disease conditions 	practical record book	
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General Medical Ward (GI, Urinary,CT VS)	6	<ul style="list-style-type: none"> • Provide pre and 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 <ul style="list-style-type: none"> • Care of wounds and drainage • Suture removal • Ambulation and exercise • Naso gastric aspiration • Care of chest drainage • Ostomy care <ul style="list-style-type: none"> - Gastrostomy - Colostomy - Enterstomy • Blood and component therapy • Practice universal precautions 	<ul style="list-style-type: none"> • Plan and give care to- 3-4 • Assigned • Nursing care plan-2 • Nursing case study/ • Presentation- • 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
Cardiology ward	2	<ul style="list-style-type: none"> • Provide nursing care to patients 	<ul style="list-style-type: none"> • Physical examination of the cardio vascular system Recording 	<ul style="list-style-type: none"> • Plan and give care to- 2-3 • Assigned 	<ul style="list-style-type: none"> • Assess performance with

		<p>with cardiac disorders</p> <ul style="list-style-type: none"> • Counsel and educate patients and families 	<p>and interpreting ECG</p> <ul style="list-style-type: none"> • Monitoring of patients • Preparation and assisting in non-invasive and invasive diagnostic procedures. • Administer cardiac drugs • Cardio pulmonary Resuscitation • Teach patients and families • Practice medical and surgical asepsis-standard safety measures 	<ul style="list-style-type: none"> • Nursing care plan-1 • Nursing case study/ • Presentation- • Health talk-1 • Maintain drug book 	<p>rating scale</p> <ul style="list-style-type: none"> • Assess each skill • With checklist • Evolution of case study/ • Presentation/ Health talk • Completion of activity record
<p>Skin and Communicable diseases Ward</p>	1	<ul style="list-style-type: none"> • Identify skin problems • Provide nursing care to patients with Skin and disorders and communicable diseases • Counsel and 	<ul style="list-style-type: none"> • Assessments of patients with skin disorders • Assist in diagnostic • And therapeutic • Procedures • Administer topical medication • Practice medical surgical asepsis- 	<ul style="list-style-type: none"> • Plan and give Care to 2-3 assigned patients • Health talk / Counseling HIV positive patients and families -1 Maintain drug 	<p>Assess performance with rating scale</p> <p>Evaluation health talk/ Counseling session</p> <p>Completion of activity record</p>

		educate patients and families	<p>standard safety measures</p> <ul style="list-style-type: none"> • Use of personal protective equipment (PPF) • Give Medicated baths • Counseling HIV • Positive patients • Teach prevention of • Infectious diseases 	book	
Orthopaedic ward	2	<ul style="list-style-type: none"> • Provide nursing care to patients with musculo-skeletal disorders • Counsel and educate patients and families 	<ul style="list-style-type: none"> • Assessment of Orthopaedic patients • Assist in application of plaster cast and removal of cast • Apply skin traction-buck's extension traction • Assist in application and removal of prosthesis • Physiotherapy- Range of motion • Exercises • Crutch manoeuvring technique. • Activities of daily living 	<ul style="list-style-type: none"> • Plan and care to 2-3 assigned patients • Nursing care plan-1 • Nursing case study/ presentation -1 • Maintain drug book 	<ul style="list-style-type: none"> • Assess performance with rating scale • Evaluation of Nursing care plan and Nursing case Study/ presentation Completion of activity

			<ul style="list-style-type: none"> • Ambulation • Teach and counsel patients and families 		record
Operation Theatre	6	<ul style="list-style-type: none"> • Identify instruments used In common o-operations • Participate in Infection control practices in the operation Theatre • Set- up the table/trolleys for Common operative procedures • Assist in giving Anesthesia • Assist in the operative procedures • Provide peri-operative nursing care 	<ul style="list-style-type: none"> • Scrubbing, gowning, gloving • Identify instruments, suturing materials for common operation • Disinfection, carbolic acid, fumigation • Preparation of instrument sets for common operation • 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 	<ul style="list-style-type: none"> • Assist as 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

COMMUNITY HEALTH NURSING-I PRACTICAL

Placement: Second Year B. Sc. Nursing

Time:135 hours

Areas	Duration(in week)	Objectives	Skills	Assignments	Assessment Method
Community health nursing	2 wks urban and 2 wks rural	<ul style="list-style-type: none"> • Build and maintain rapport • Identify demographic Characteristics, Health determinants and community health resources • Diagnose health needs of 	<ul style="list-style-type: none"> • Use Techniques of interpersonal relationship • Identification of health determinants of community • History taking • Physical examination • Collect specimens- sputum, malaria smear • Perform simple lab tests at centre- blood for Hemoglobin and sugar, urine for 	<ul style="list-style-type: none"> • To work with 2 assigned families each in urban and rural • Family study-1 • Observation report of community-1 • Health talks 2(1 in urban and in rural) 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale • Assess each skill with checklist • Evaluation of family study, observation report and health talk

		<p>individual and families</p> <ul style="list-style-type: none"> • Provide primary care in health centre • Counsel and educate individual, family and community 	<p>albumin and sugar</p> <ul style="list-style-type: none"> • Administer vaccines and medication to adults • Counsel and teach individual , family and community <ul style="list-style-type: none"> - Nutrition - Hygiene - Self-health monitoring - Seeking health services - Healthy life style - Family welfare methods - Health promotion 		<ul style="list-style-type: none"> • Completion of activity record.
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MLHP Skills

- Identification and appropriate management of Communicable Diseases
- Identification and appropriate management of Non – Communicable Diseases
- Assessment and Management of STIs/RTIs
- Hand washing skill
- Biomedical waste management
- Procedures for basic test
- Drugs dispensing and Injections: Oral drugs/Injections /IV Fluid
- Examination of Lump and joint pain
- Aches and Pain
- Health Assessment of women (15-45 years of age)
- Adolescent Counselling
- Promoting and monitoring Growth and Development and Plotting Chart
- Immunization and Safe injection Practices
- Nutritional Assessment and Assessment of Nutritional deficiencies
- Health Education/ Counselling
- Recording and Reporting format
- Common Fevers
- Assessment and care of Health problems among elderly

Identification and care of patients with common conditions and emergencies

MEDICAL SURGICAL NURSING-II (ADULT AND GERIATRICS)

PRACTICAL

Placement: Third year B. Sc. Nursing

Time: Practical- 270hrs

Internship-430 hrs

Areas	Duraton (in wks)	Objectives of posting	Skills to be developed	Assignment	Assessment method
ENT	1	<ul style="list-style-type: none">• Provide	<ul style="list-style-type: none">• Perform examination	<ul style="list-style-type: none">• Provide	<ul style="list-style-type: none">• Assess

		<p>care to patients with ENT disorders</p> <ul style="list-style-type: none"> • Counsel and educate patient and families 	<p>of ear, nose and throat</p> <ul style="list-style-type: none"> • 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 	<p>care to 2-3 assigned patients</p> <ul style="list-style-type: none"> • Nursing care plan-1 • Observation reports of OPD • Maintain drug book 	<p>each skill with checklist</p> <ul style="list-style-type: none"> • 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. 	<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

			<ul style="list-style-type: none"> • Teach patients and families 		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 • Participate in rehabilitation program 	<ul style="list-style-type: none"> • Provide care to assigned 2-3 patients with neurological disorders. • Case study/ case presentation -1 • Maintains drug book • Health Teaching-1 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with rating scale • Evaluation of case study & health teaching • Completion of activity record
Gynecology ward	1	<ul style="list-style-type: none"> • Provide care to patients with gynecological disorders. 	<ul style="list-style-type: none"> • Assist with gynecological Examination • Assist with therapeutic procedures • Teach patients 	<ul style="list-style-type: none"> • Provide care to 2-3 assigned patients • Nursing care plan-1 • Maintain 	<ul style="list-style-type: none"> • Assess each skill with checklist • Assess performance with

		Counsel and educate patient and families	families <ul style="list-style-type: none"> Teaching self Breast Examination Assist with PAP smear collection 	drug book	rating scale <ul style="list-style-type: none"> 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 replacement therapy <ul style="list-style-type: none"> Assess Calculate Replace Record intake/output <p>Care of Burn wound Bathing Dressing Perform active& Passive exercises</p> <ul style="list-style-type: none"> Practice medical& surgical asepsis Counsel &Teach patients and families Participate in rehabilitation program 	<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 an observation report Completion of activity record
Onology Unit	1	<ul style="list-style-type: none"> Provide care to 	<ul style="list-style-type: none"> Screen for common cancers- TNM 	<ul style="list-style-type: none"> Provide all care to 2-3 	<ul style="list-style-type: none"> Assess each skill

		<p>patients with cancer</p> <ul style="list-style-type: none"> • Counsel and educate patient and families 	<p>classification</p> <ul style="list-style-type: none"> • Assist with diagnostic procedures <ul style="list-style-type: none"> Biopsies Pap smear Bone-marrow Aspiration • Breast examination • Assist with therapeutic procedures • Participates in various modalities of treatment <p>Chemotherapy Radiotherapy Pain management Stomal therapy Hormonal therapy Immunotherapy Gene therapy Alternative therapy</p> <ul style="list-style-type: none"> • Participate in palliative care • Counsel and teach patients families <ul style="list-style-type: none"> • Self Breast Examination Warning signs 	<p>assigned patients</p> <ul style="list-style-type: none"> • Nursing care plan-1 • Observation Report of cancer unit 	<p>with checklist</p> <ul style="list-style-type: none"> • Assess performance with rating scale • Evaluation of care plan and observation report • Completion of activity record
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			<ul style="list-style-type: none"> • Participate in rehabilitation programme 		
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 • 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 • Administration of drugs <ul style="list-style-type: none"> - Infusion pump - Epidural 	<ul style="list-style-type: none"> • Provide care to 1 assigned patient • Observation report of Critical care unit • Drugs book 	<ul style="list-style-type: none"> • Assess each with checklist • Assess performance with rating scale • Evaluation of observation report • Completion of activity record

			<ul style="list-style-type: none"> - Intra thecal - Intracardiac • Total parental therapy • Chest physiotherapy • Perform active & passive exercises • Counsel the patient and family in dealing with grieving and bereavement 		
Casualty/ Emergency 1	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, investigation & their interpretation, 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"> • Observaton Report of Emergency unit 	<ul style="list-style-type: none"> • Assess performance with rating scale • Evaluation of observation report • Completion of activity record

CHILD HEALTH NURSING- PRACTICAL

Placement: Third year B. Sc. Nursing

Time: 270 hours (9 Weeks)

Internship: 145 hours (3 Weeks)

Areas	Duratio n(in weeks)	Objectives	Skills	Assignme nts	Assessment methods
Pediatric Medicine Ward	3	<ul style="list-style-type: none">• Provide nursing care to children with	<ul style="list-style-type: none">• Taking Pediatric history• Physical examination• And assessment of children• Administer of oral, I/M & IV medicine/ fluids	<ul style="list-style-type: none">• Give care to three assigned	<ul style="list-style-type: none">• Assess clinical performance with

		<p>various medical disorders</p> <ul style="list-style-type: none"> • Counsel and educate parents. 	<ul style="list-style-type: none"> • Calculation of fluid requirements • Prepare different strengths of I.V fluids • Apply restrains • Administer O2 inhalation by Katori spoon, etc. • Collect specimens of Common investigations • Assist with common diagnostic procedures • Teach mothers/ parents • Malnutrition • Oral rehydration • Therapy • Feeding & Weaning • Immunization schedule • Play therapy • Specific Disease condition 	<p>paediatric patients</p> <ul style="list-style-type: none"> • Nursing care plan-1 • Case study/ presentation-1 • Health talk-1 	<p>rating scale</p> <ul style="list-style-type: none"> • Assess each skill with checklist OSCE/O SPE • Evaluation of case study/ presentation and health education session • Completion of activity record.
Pediatric Surgery Ward	3	<ul style="list-style-type: none"> • Recognize different paediatric surgical conditions/malformations • Provide 	<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 	<ul style="list-style-type: none"> • Give care to three assigned paediatric Surgical 	<ul style="list-style-type: none"> • Assess clinical performance with rating scale • Assess each

		<p>pre and post operative care to children with common paediatric surgical conditions/ malformation</p> <ul style="list-style-type: none"> • Counsel and educate parent 	<ul style="list-style-type: none"> • 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"> - Dressing - Suture removal 	<p>patients</p> <ul style="list-style-type: none"> • Nursing care plan-1 • Case study/ presentation-1 	<p>skill with checklist</p> <ul style="list-style-type: none"> • OSCE/O SPE • Evaluation of case study/ presentation • Completion of activity record
Padiatric OPD/ Immunization room	1	<ul style="list-style-type: none"> • Perform assessment of children : Health, • Developmental and Anthropometric • Perform Immunization 	<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

		<ul style="list-style-type: none"> • on • Give Health Education/ Nutritional • Education 			
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 baby in incubator/warmer • Care of a child on ventilator • Endotracheal suction • Chest physiotherapy • Administer fluids with infusion pump • Total parental nutrition • Phototherapy • Monitoring of babies • Cardio Pulmonary resuscitation 	<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

MENTAL HEALTH NURSING – PRACTICAL

Placement: Third year B. Sc. Nursing

Time: Practical – 270 hours (9 weeks

Internship-95 hours (2weeks)

Areas	Duratio n(in weeks)	Objectives	Skills	Assignmen ts	Assessment Methods
Phychiatric 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 • Teach patients and family members 	<ul style="list-style-type: none"> • History taking and mental status examination-2 • Health education-1 • Observa tion report of OPD 	<ul style="list-style-type: none"> • Assess performance with rating scale • Asses each skill with checklist • Evaluati on of health educatio n • Assessm ent of observat ion report • Complet ion of activity record.
Child	1	<ul style="list-style-type: none"> • Assessm 	<ul style="list-style-type: none"> • History taking 	<ul style="list-style-type: none"> • Case 	<ul style="list-style-type: none"> • Assess

Guidance clinic		<p>ent of children with various mental health problems</p> <ul style="list-style-type: none"> • Counsel and educate children, families and significant others 	<ul style="list-style-type: none"> • Assist in psychometric assessment • Observe and assist in various therapies • Teach family and significant others 	<p>work-1</p> <ul style="list-style-type: none"> • Observation report of report of different therapies-1 	<p>perform ance with rating scale</p> <ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • History taking • Perform mental status examination(MSE) • Perform Neurological examination • Assist in psychometric assessment 	<ul style="list-style-type: none"> • Give care to 2- 3 patients with various mental disorders • Case study-1 • Care plan-2 • Clinical presentation 1 	<ul style="list-style-type: none"> • Assess performance with rating scale • Assess each skill with checklist • Evaluation of the case study,

		<ul style="list-style-type: none"> problem 			
		<ul style="list-style-type: none"> Assist in various therapies Counsel and educate patients, families and significant others 	<ul style="list-style-type: none"> Record therapeutic communication Administer medications Assist in electro-convulsive Therapy(ECT) Participate in all therapies Prepare patients for Activities of Daily living (ADL) Conduct admission and discharge counseling Counsel and teach patients and families 	<ul style="list-style-type: none"> Process recording 2 Maintain drug book 	<ul style="list-style-type: none"> Care plan, 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 and follow up To assist 	<ul style="list-style-type: none"> Conduct case work Identify individuals with mental health problems Assist 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

		in follow up clinic <ul style="list-style-type: none"> • Counsel and educate patient, family and community 			report
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MIDWIFERY AND OBSTETRICAL NURSING –PRACTICAL

Placement: Third year B. Sc. Nursing

Time: Practical- 180 hours

Fourth Year B. Sc. Nursing Internship- 240 hours

Areas	Duration (in week)	Objectives	Skills	Assignments	Assessment Methods
<ul style="list-style-type: none"> • Antenatal clinic/OR D 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • Conduct Antenatal Examination 30 • Health talk- 1 • Case book recordings 	<ul style="list-style-type: none"> • Verification of findings of Antenatal examinations • Completion of case book recordings

			<p>abdomen and breast</p> <ul style="list-style-type: none"> • Immunization • Assessment of risk status • Teaching antenatal mothers • Maintenance of Antenatal records 		
<ul style="list-style-type: none"> • Labour room O.T. 	<ul style="list-style-type: none"> • 4 	<ul style="list-style-type: none"> • Assess women in labour • Carry out per-vaginal examinations • Conduct normal deliveries • Perform episiotomy and suture it • Resuscitate new borns • Assist with 	<ul style="list-style-type: none"> • Assessment of women in labour • Pervaginal examination and interpretation • Monitoring and caring of women in labour • Maintenance of partograph • Conduct normal delivery • New born assessment and immediate care • Resuscitation of new borns 	<ul style="list-style-type: none"> • Conduct normal deliveries-20 • Pervaginal examination s-5 • Perform and suture the episiotomie s-5 • Resuscitate newborns-5 • Assist with Caesarean • Sections-2 • Witness abnormal deliveries-5 	<ul style="list-style-type: none"> • Assessment of clinical performance with rating scale • Assessment of each skill with checklist • Completion of Case book recording

		Caesarean Sections			
•	•	<ul style="list-style-type: none"> • MTP and other surgical procedures 	<ul style="list-style-type: none"> • Assessment of risk status of new born • Episiotomy and suturing • Maintenance of labour and birth records • Arrange for and assist with Caesarean section and care for women & baby during Caesarean • Arrange for and assist with MTP and other surgical procedures 	<ul style="list-style-type: none"> • Assist with MTP and other surgical procedures-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 	<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 	<ul style="list-style-type: none"> • Give care to post natal mothers-20 • Health talks-1 • Case study- • Case presentation -1 • Case book 	<ul style="list-style-type: none"> • Assessment of clinical performance • Assessment of each skills with checklist • Completion of case

		<p>mother and family for parenthood</p>	<ul style="list-style-type: none"> Breast feeding Baby bath Immunisation, Teaching postnatal mother: <ul style="list-style-type: none"> Mother craft Postnatal care <p>&</p> <p>Exercises</p> <p>Immunization</p>	<p>recordings</p>	<p>book recording</p> <ul style="list-style-type: none"> Evaluation of case study and presentation and health education sessions
Newborn 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 	<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 with checklist Evaluation
•	•	•	<p>Katori spoon, paladin, tube feeding, total parental nutrition</p> <ul style="list-style-type: none"> Thermal management of neonates- kangaroo mother care, care of baby in incubator 		<p>Of and observation study</p>

			<ul style="list-style-type: none"> • Monitoring and care of neonates • Administering medications • Intravenous therapy • Assisting with diagnostic procedure • Assisting with exchange transfusion • Care for baby ventilator • Phototherapy • Infection control protocols in the nursery • Teaching and counseling of parents • Maintenance of neonatal records 		
Family Planning clinic	Rotation from post natal ward 1wk	<ul style="list-style-type: none"> • Counsel for and provide family welfare services 	<ul style="list-style-type: none"> • Counseling technique • Insertion of IUD • Teaching on use of family planning methods • Arrange for and assist with family 	<ul style="list-style-type: none"> • IUD insertion-5 • Observation study -1 • Counselling- 2 • Simulation exercise on 	<ul style="list-style-type: none"> • Assessment of each skill with check lists • Evaluation of and observation study

			planning operations <ul style="list-style-type: none"> Maintenance of records and reports 	recording and reporting-1	
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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 nurse in hospital/ home/ health centre	20
Insertion of IUD	5

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

Internship Obstetrical Nursing

COMMUNITY HEALTH NURSING – II PRACITCAL

Placement: Fourth year B. Sc. Nursing

Time: practical – 135 hours

Internship-195 hours

Areas	Duration (in wk)	Objectives	Skills	Assignments	Evaluation methods
Community Health Nursing	1 wk for urban 4 wk for	<ul style="list-style-type: none"> Identify community profile Identify 	<ul style="list-style-type: none"> Community health survey Community diagnosis Family care: 	<ul style="list-style-type: none"> Community survey report-1 	<ul style="list-style-type: none"> Assess clinical performance with rating scale

	Rural	<p>prevalent communicable and non communicable diseases</p> <ul style="list-style-type: none"> • Diagnose health needs of individual, families and community • Plan, provide and evaluate care • Participate in school health programme • Participate in national health 	<p>home adaptation of common procedures</p> <ul style="list-style-type: none"> • Home visit: bag technique • Organize and conduct clinics Antenatal, postnatal, well baby clinic, camps etc. • Screen manage and referrals for: <ul style="list-style-type: none"> - High risk mothers and neonates - Accidents and emergencies - Illness: physical and mental - Disabilities • Conduct delivery at center/home: episiotomy and suturing • Resuscitate newborn • School health programme <ul style="list-style-type: none"> - screen, manage refer children • Collaborate with 	<ul style="list-style-type: none"> • Family care study-1 • Project –1 • Health talk-1 • Case book • Recording 	<ul style="list-style-type: none"> • Evaluation of community survey report family care study, project and health talk • Completion of activity record • Completion of case book recording
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		<p>programmes</p> <ul style="list-style-type: none"> • Organize group for self help and involve clients in their own health activities • Provide family welfare services • Counsel and educate individual, family and community • Collect vital health statistics • Maintain 	<p>health and allied agencies</p> <ul style="list-style-type: none"> • 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, elderly health, Physically and mentally challenged individuals etc. • Collect and calculate vital health statistics • Document and maintain <ul style="list-style-type: none"> - Individual, family and administrative records - Write reports: 		
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		records &reports	center, disease, and National health programme/ projects.		
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MLHP Skills
• Management of Abortion and Counselling
• Infant and young child feeding
• BLS
• Postpartum care
• Accidents and emergencies
• Suturing of Superficial wounds
• Assessment of the patient with Eye Problems
• Assessment of patients with Ear, Nose and Throat(ENT)
• Investigation of an Outbreak
• Assessment and care of Antenatal Women
• Identification and management of complications during labor
• Insertion and removal of IUDS
• Kangaroo Mother Care
• Resuscitation of Newborn
• Assessment of a Newborn Baby
• Use of equipments
• Community Assessment and Identification of common health problems
• Health Assessment of an Individual
Organizing and conducting special clinics

Internship (Integrated Practice)

Internship Areas

Total Hours: 1152 (48 hours/week)

Subject	Area	Weeks	Hours	Objective	Skills	Assessment
Midwifery & Obstetrical Nursing (5 Weeks/ 240 Hours)	Labour ward	2	96	Provide comprehensive care to mothers and neonates	Integrated practice	<ul style="list-style-type: none"> Assess clinical performance with rating scale Completion of case book recordings
	Neonatal intensive care unit/ NICU	1	48			
	Antenatal	2	96			
Community Health Nursing-II	Urban	4	192	Provide comprehensive care to individual, family and community	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
Medical Surgical Nursing (Adult & Geriatrics) (9 Weeks/ 432Hours)	Medical ward	2	96	Provide comprehensive care to patients with medical and surgical conditions including emergencies Assist with common	Integrated practice	Asses clinical performance with rating scale
	Surgical ward	1	48			
	Critical care unit/ICCU	2	96			

	Casualty/Emergency	2	96	operations		
	Operation Theatre (Eye, ENT, Neuro)	2	96			
Child Health Nursing (3 Weeks/ 144 Hours)	Pediatric medicine ward/ ICU	1	48	Provide comprehensive care to children with medical conditions	Integrated practice	Assess clinical performance with rating scale
	Pediatric Surgery ward/ ICU	1	48	Provide comprehensive care to children with surgical conditions	Integrated practice	Assess clinical performance with rating scale
	NICU	1	48	Provide intensive care to neonates	Integrated practice	Assess clinical performance with rating scale
Mental Health Nursing	Psychiatry ward	2	96	Provide comprehensive care to patients with	Integrated practice	Assess clinical performance with rating scale

				mental health problems		
Research Project	Area of choice	1	48	Writing & Presentation of research Project	Develop research conducting skill	Assess performance
	Total	24 Weeks	1152 Hours			