

Study & Evaluation Scheme

of

Post Basic B.Sc. Nursing

[Applicable w.e.f. Academic Session 2020-21]



TEERTHANKER MAHAVEER UNIVERSITY

N.H.-24, Delhi Road, Moradabad, Uttar Pradesh-244001 Website:

www.tmu.ac.in





TEERTHANKER MAHAVEER UNIVERSITY
(Established under Govt. of U. P. Act No. 30, 2008)
NH-24, Delhi Road, Moradabad (U.P)

<i>Study & Evaluation Scheme</i>	
SUMMARY	
Institute Name	TEERTHANKER MAHAVEER College Of Nursing, TMU, Moradabad.
Programme	Post Basic B.Sc. Nursing
Duration	Two year (Annual System)
Medium	English
Minimum Required Attendance	Theory 80%, Practical 100% (for getting Degree) 80% (For Appearing Examination)
Credits	
Maximum Credits	78
Minimum Credit required for the degree	78

Assessment:			
Evaluation	Internal	External	Total
Theory	25	75	100
Evaluation of Practical/Dissertations & Project Reports	50	50	100

Theory Internal Evaluation Criteria						
Class Test 1	Class Test 2	Class Test 3	Sports, Seminar, workshop, discipline, Class Tutorial & Activity	Assignment	Attendance	Total
Best Two out of Three						
5	5	5	5	5	5	25

Practical Internal Evaluation Criteria											
NCP	CS	CP	HT	DB	CRB	CD	CT-I	CT-II	CT-III	Attendance	Total
Best Two out of Three											
5	5	5	5	5	5	3	6	6	6	5	50

NCP- Nursing Care Plan, CS-Nursing Case Study, CP-Nursing Case Presentation, HT- Health Talk, DB-Drug Book, CRB- Clinical Record Book, CD- Clinical Dairy.

Duration of Examination	External	Internal
	3 Hours.	2 Hours.

To qualify the course a student is required to secure a minimum of 50% marks separately i.e. both internal and in year-end examination. A candidate who secures less than of 50% of marks in a course/subject shall be deemed to have failed in that course/subject.

A candidate failing in any number of subjects will be promoted to next higher class. The candidate shall clear all the subjects of previous years before appearing in the final year examination. If a candidate fails in either theory or practical, he/ she have to reappear in both. In case of English and Environmental Studies the pass % would be 40% marks.

<i>Question Paper Structure</i>	
1	The question paper shall have two sections and examiner shall set questions specific to respective section. Section wise details shall be as mentioned under; consist of eight questions.
2	Section I: It shall consist of short answer type questions (answer should not exceed 50 words). This section will essentially assess COs related to remembering and understanding. This section will contain six questions and student must attempt any five questions , each question shall have equal weightage of three marks and total weightage of this section shall be 15 Marks.
3	Section II: It shall consist of long answer type questions. This section will also contain seven questions and every question should assess the specific COs. Student must attempt any six questions which should be from the entire syllabus, each question shall have equal weightage of ten marks and total weightage of this section shall be 60 Marks.
4	For English Course: Section I: It shall consist of short answer type questions (answer should not exceed 50 words). This section will essentially assess COs related to remembering and understanding. This section will contain six questions and student must attempt any five questions, each question shall have equal weightage of two marks and total weightage of this section shall be 10 Marks.
5	Section II: It shall consist of long answer type questions. This section will also contain five questions and every question should assess the specific COs. Student must attempt any four questions which should be from the entire syllabus, each question shall have equal weightage of ten marks and total weightage of this section shall be 40 Marks.

<i>IMPORTANT NOTES:</i>	
1	<i>The purpose of examination should be to assess the Course Learning Outcome that will ultimately lead to of attainment of Program Specific Outcome. A Question paper must assess the following aspects of learning: Remember, Understand, Apply, Analyze, Evaluate and Create (reference to Bloom's taxonomy)</i>
2	<i>There shall be continuous evaluation of the student and there will be a provision of fortnight progress report</i>

Program Structure- Post Basic B Sc Nursing

A. Introduction

The Post Basic B.Sc. Nursing degree program is a two-year fulltime program comprising two years, which prepares a student to become a Graduate nurse to practice in a variety of settings in either public/ government or private healthcare settings. It adopts credit system and year system as per UGC guidelines. The program encompasses foundational, core and elective courses. The choice-based system is applicable to electives only and is offered in the form of modules. Modular learning is also integrated in the foundational as well as core courses that are mandatory.

Undergraduate nursing programme at the Post Basic level is a broad based education within academic framework, which build upon the skills and competencies acquired at the diploma level. It is specifically directed to the upgrading of critical thinking skills, competencies & standards required for practice of professional nursing and midwifery as envisaged in National Health Policy 2002.

The teachers have the responsibility to be role models and create learning environment that enables students to acquire inquiry driven self directed learning and foster an attitude of life long learning.

Under graduate nursing education program at the post basic level prepares its graduates to become exemplary citizen by adhering to code of ethics and professional conduct at all times in fulfilling personal, social and professional obligations so as to respond to national aspirations.

The revised curriculum embraces competency-based approach throughout the program integrating mastery learning and self-directed learning. Through the educational process the students assimilate and synthesize knowledge, cultivate critical thinking skills and develop care strategies. Competencies that reflect practice standards of Indian Nursing Council (INC) address the areas of cultural diversity, communication technology, teamwork and collaboration, safety, quality, therapeutic interventions and evidence- based practice. They are prepared to provide safe and competent care to patients across life span and influence patient outcomes.

Post Basic B. Sc Nursing 2 Years CBCS Programme			
Basic Structure: Distribution of Courses			
Sr. No.	Type of Course	Credit Hours	Total Credit
1	Core Courses (CC)	8 Courses of Total 30 Credits in range of 2 to 8 Credits	30
2	Discipline Specific Courses (DSC)	6 Courses of Total 19Credits in range of 2 to 3 Credits	19
3	Skill Enhancement Course (SEC)	5 Courses of Total 16 Credits in the range of 6 to 7 Credits	16
4	Research Project Report (RPR)	1 Course of 3 Credits each (Total Credit. 1X3)	3
5	Ability Enhancement Compulsory Course (AECC)	3 Course of Total 7 Credits in the range of 2 to 3credits	7
6	Generic/Open Elective Courses (GEC)	1 Courses of 3 Credits each (Total Credit. 1X3)	3
7	Value Added Course (VAC)	2 Courses of 0 credit (Total Credit. 2X0)	0
Total Credits			78

B. Choice Based Credit System (CBCS)

Choice Based Credit System is a versatile and flexible option for each student to achieve his/her target number of credits as specified by the INC and adopted by our university.

The following is the course Module Designed for Post Basic B. Sc Nursing Programme.

Core Courses (CC): Core Courses of Post Basic B. Sc Nursing Programme will provide knowledge and skills with clear critical thinking skills that are caring, motivated, assertive and well-disciplined responding to the changing needs of profession, healthcare delivery system and society. Courses offered in 1st and 2nd Year during the Post Basic B. Sc Nursing Programme. There will be total 30 credits.

Discipline Specific Courses: Prepare the graduates to assume responsibilities as professional, competent nurses and midwives in providing promotive, preventive, curative and rehabilitative healthcare services in hospital or public health settings.

Discipline Specific course will make students independent decisions in nursing situations within the scope of practice, protect the rights of individuals and groups and conduct research in the areas of nursing practice and apply evidence-based practice.

Finally Prepare the students to assume role of practitioner, teacher, supervisor and manager in clinical or public health settings. Courses offered in 1st and 2nd Year during the Post Basic B. Sc Nursing Programme. There will be comprising of total 19 credits.

Ability Enhancement Compulsory Course (AECC): The Ability Enhancement Compulsory Courses is a course designed to develop the ability of the student in communication and other related courses where they might find it difficult to communicate at a higher level in their prospective job at a later stage due to lack of exposure in the language etc. So we are offering following Ability Enhancement Compulsory Courses viz. Basic English Communication and Environmental study in 1st year which is credited and Applied Professional English in 2nd year Post Basic B. Sc Nursing none credited course. These comprised of 7 credit.

Open/Generic Elective Course (GOEC): Open/Generic Elective is an interdisciplinary additional subject that is compulsory in the second year of a program. The score of Generic Elective is counted in your overall aggregate marks under Choice Based Credit System (CBCS). Each Generic Elective paper will be of 3 Credits and students will have the choice of taking 1 GOEC's: out of two. Each student has to take Open/Generic Electives from department other than the parent department.

Value Added Course (VAC): Value Added Audit Course is a non- credit course which is basically meant to enhance general ability of students in areas like soft skills, quantitative aptitude and reasoning ability - required for the overall development of a student and at the same time crucial for industry/corporate demands and requirements. The student possessing these skills will definitely develop acumen to perform well during the recruitment process of any premier organization and will have the desired confidence to face the interview. Moreover, these skills are also essential in day-to-day life of the corporate world. The aim is to nurture every student for making effective communication, developing aptitude and a general reasoning ability for a better performance, as desired in corporate world. There shall be one course each in 1st year and 2nd years and will carry no credit, however, it will be compulsory for every student to pass these courses with minimum 45%

marks to be eligible for the certificate. These marks will not be included in the calculation of CGPI. Students have to specifically be registered in the specific course of the respective years.

Skill Enhancement Course (SEC): Skill Enhancement Course is a major component of nursing education and has been acknowledged as central to nursing education. It should aim at developing students' critical thinking and analysis skills, competence in psychomotor, communication, and time management skills, and to increase self-confidence in their ability to perform as nurses. Skill Enhancement Course to allow nursing students in all the areas of specialty health care setting which helps the hands-on skills experience that is not possible to teach in a classroom setting. Skill Enhancement Course comprised of 16 credit.

Research Project Report (RPR): In addition to learning Research theory there will be Mandatory group Research project with maximum of 10 students in each group, which will provide hands on experience in contrast to theory in Health Care settings. It will be assesses internal and the credits earned will be included for the calculations of the CGPA. Research Project Report comprised of 2 Credit.

C. Programme Outcome.

The Learning and abilities or skills that a student would have developed by the end of Post Basic B. Sc Nursing Programme.

PO1:	Demonstrate values, knowledge, skills and attitudes appropriate to the profession and also respect for the dignity of each individual and for human diversity.
PO2:	Apply critical thinking skills and professional decision making required for basic and advance practice.
PO3:	Practice within the framework of code of ethics, professional conduct and acceptable standards of nursing practice within the legal boundaries.
PO4:	Participate effectively as members of the health team in health care delivery system.
PO5:	Utilize information, communication and other relevant technologies effectively.
PO6:	Demonstrate proficiency in written, verbal and digital skills at individual and collaborative levels.
PO7:	Explore research as evidence for enhancing and changing practice.

D. Programme Specific Outcome.

The Learning and abilities or skills that a student would have developed by the end of Two years Post Basic B. Sc Nursing Programme.

PSO1:	Understanding concepts of physical, biological, behavioral and nursing sciences.
PSO2:	Applying nursing process approach for individual and family care and various settings.
PSO3:	Utilization of comprehensive nursing care skills for promotion, prevention and restoration of optimum health.
PSO4:	Developing professional competency in providing holistic nursing care.
PSO5:	Creating evidence based practice through research in nursing profession.

E. Pedagogy and Unique practice adopted. "Pedagogy is the method and practice of teaching, especially for teaching an academic subject or theoretical concept". In addition to conventional time-tested lecture method, the institute will emphasize on experiential learning:

- 1. Case Based Learning:** Case based learning enhances student skills at delineating the critical decision dilemmas faced by organizations, helps in applying concepts, principles and analytical skills to solve the delineated problems and develops effective module for health problem solving. Case method of teaching is used as a critical learning tool for effective learning and we encourage it to the fullest. We make it compulsory to teach case study in every academic year in B. Sc Nursing program.
- 2. Role Play & Simulation:** Role-play and simulation are forms of experiential learning. Learners take on different roles, assuming a profile of a character or personality, and interact and participate in diverse and complex learning settings. Role-play and simulation function as learning tools for teams and groups or individuals as they "play" online or face-to-face. They alter the power ratios in teaching and learning relationships between students and educators, as students learn through their explorations and the viewpoints of the character or personality they are articulating in the environment. This student-centered space can enable learner-oriented assessment, where the design of the task is created for active student learning. Therefore, role-play & simulation exercises such as prevention and promotion of disease, awareness and health teaching in community etc. are being promoted for the practical-based experiential learning of our students.

3. ***Video Based Learning (VBL) & Learning through Movies (LTM):*** These days technology has taken a front seat and classrooms are well equipped with equipment and gadgets. Video-based learning has become an indispensable part of learning. Similarly, students can learn various concepts through movies. In fact, many teachers give examples from movies during their discourses. Making students learn few important theoretical concepts through VBL & LTM is a good idea and method. The learning becomes really interesting and easy as videos add life to concepts and make the learning engaging and effective. Therefore, our institute is promoting VBL & LTM wherever possible.
4. ***Laboratory Demonstration:*** Laboratory Demonstration is as essential to the learning process as classroom participation. The nursing student will be given an opportunity to apply classroom theory to as many patient situations and stimulate as possible to enhance their skills in nursing care.
5. ***Field Research Projects:*** The students, who take up experiential projects in Health care setting and other area, where senior experts with a stake in teaching guide them, drive the learning. All students are encouraged to do some research project in the field of nursing other their regular classes.
6. ***Industrial Visits:*** Industrial visit are essential to give students hand-on exposure and experience of how things and processes work in industries. Our institute organizes such visits to enhance students' exposure to practical learning and work out for a report of such a visit relating to their specific topic like, Multi Specialty Hospitals, Water Purification plant and Orphans etc.
7. ***Special Guest Lectures (SGL):*** Some topics/concepts need extra attention and efforts as they either may be high in difficulty level or requires experts from specific industry/domain to make things/concepts clear for a better understanding from the perspective of the course. We organize Specialty wise lectures, as part of lecture- series and invite prominent personalities from academia and industry from time to time to deliver their vital inputs and insights related to specific Specializations.
8. ***Special assistance programe:*** Special assistance programe for slow learners & fast learners write the note how would you identify slow learners, develop the mechanism to correcting knowledge gap. Terms of advance topics what learning challenging it will be provided to the fast learners.

- 9. Orientation program:** Orientation Program is conducting for fresher students. Organizing 3 Days orientation with the purpose of Orienting with Nursing Programme, Developing Confidence, Understanding the Structure and Organization of University and the topics will be covered “Regarding orientation about Nursing courses and scope, Challenges in reading the Nursing courses and how to overcome it, English communication, Memorization, Remembering, Mnemonics, team building, IPR development in Nursing Courses”.
- 10. MOOCS:** Students may earn credits by passing MOOCS as decided by the college from time to time. Graduate level programs may award Honors degree provided students earn pre-requisite credits through MOOCS
- 11. Mentoring scheme:** A mentoring relationship is a very personal one, which is often important to the mentee. As a mentor, get to know your student's academic, research, professional, and personal goals, so you can help them in a way that meets their personal best interest. It develops positive student teacher relationship, improve attendance of the students, to identify special abilities and nurture it for development. Mentor Mentee ratio will be 1:25
- 12. Career, personal counseling & Competitive exam preparation:** - We provide a safe, confidential place for student to talk with Counseling Members about any concerns or personal problems that might interfere with your personal growth and academic achievement. Also we Counsel about Job opportunity and career Growth by our Placement Cell.
- 13. Extracurricular & Extramural Activities:** Organizing participation in extracurricular activities will be mandatory to help students develop confidence & face audience with care.

POST BASIC B. SC NURSING CURRICULUM

YEAR -I

Sr. No.	Category	Course Code	Course	Periods			Credit	Duration of Exam	Evaluation Scheme		
				L	T	P			Internal	External	Total
1	DSC-1	PBN101	Nursing Foundation	2	0	0	2	3	25	75	100
2	CC-1	PBN102	Nutrition and Dietics	1	0	2	2	3	25	75	100
3	CC-2	PBN103	Biochemistry and Biophysics	3	0	0	3	3	25	75	100
4	CC-3	PBN104	Psychology	3	0	0	3	3	25	75	100
5	DSC-2	PBN105	Maternal Nursing	3	0	0	3	3	25	75	100
6	DSC-3	PBN106	Child health Nursing	3	0	0	3	3	25	75	100
7	CC-4	PBN107	Microbiology	3	0	2	4	3	25	75	100
8	DSC-4	PBN108	Medical Surgical Nursing	5	0	0	5	3	25	75	100
9	AECC-1	PBN110	Basic English Communication*	3	0	0	3	2	50	50	100
10	SEC-1	PBN151	Maternal Nursing (P)	0	0	12	3	-	50	50	100
11	SEC-2	PBN152	Child health Nursing (P)	0	0	12	3	-	50	50	100
12	SEC-3	PBN153	Medical Surgical Nursing (P)	0	0	14	4	-	50	50	100
Total				26	0	42	38		400	800	1200

YEAR –II

Sr. No.	Category	Course Code	Course	Periods			Credit	Duration of Exam	Evaluation Scheme		
				L	T	P			Internal	External	Total
1	CC-5	PBN201	Sociology	3	0	0	3	3	25	75	100
2	DSC-5	PBN202	Community Health Nursing	3	0	0	3	3	25	75	100
3	DSC-6	PBN203	Mental Health Nursing	3	0	0	3	3	25	75	100
4	CC-6	PBN204	Introduction to Nursing Education	3	0	4	5	3	25	75	100
5	CC-7	PBN205	Introduction to Nursing Administration	3	0	10	8	3	25	75	100
6	CC-8	PBN206	Introduction to Nursing Research and Statistics	2	0	0	2	-	100	0	100
7	AECC-2	PBN207	Applied Professional English*	2	0	0	2	2	50	50	100
8	AECC-3	PBN208	Environmental Studies*	2	0	0	2	3	25	75	100
9	SEC-4	PBN251	Community Health Nursing (P)	0	0	12	3	-	50	50	100
10	SEC-5	PBN252	Mental Health Nursing (P)	0	0	12	3	-	50	50	100
11	RPR-1	PBN253	Research Project on Nursing	0	0	6	3	-	100	0	100
12	GEC-1		Open Elective -1	3	0	0	3	2	50	50	100
Total				24	0	44	40		550	650	1200

*Note: PBN110, PBN207 and PBN208 Passing Marks will be 40%.

ELECTIVE COURSES OFFERED

Generic/Open Elective Courses (GEC)

Sr. No.	Code	Course	L	T	P	Credit
Year- II						
1						3
2						3

VALUE ADDED COURSE

Sr. No.	Code	Course	L	T	P	Credit	Duration of Exam	Internal	External	Total
Year-I										
1	TMUGS 101	Managing Self	2	1	0	0	-	50	50	100
Year-II										
2	TMUGS 201	Managing Work and Others	2	1	0	0	-	50	50	100
Note: Value Added Course is an audit course; it is compulsory to pass with 45% marks and is not considered for CPI.										

Note : C- Credits, 1C = 1 Hour L or T, 1C = 2 Hour P

COURSE CODE PBN101	Discipline Specific Course-1 Post Basic B.Sc. Nursing I Year NURSING FOUNDATION	L-2 T-0 P-0 C-2
Course outcomes	At the end of the course, the students will be:	
CO-1	Understanding the concepts and theories of Health, illness and nursing in different health settings.	
CO-2	Applying the fundamental principles and process of nursing care in meeting the needs of clients	
CO-3	Understanding and recording of documentation and reports of patient data.	
CO-4	Demonstrating the skills of nursing procedures for infection control and patient care in hospital setting.	
CO-5	Assessing and analyzing the health improvements of patient during therapeutic care.	
CO-6	Evaluating and implementing the patient care techniques.	
Course Content:		
Unit I	<ul style="list-style-type: none"> • Development of Nursing as a Profession: <ul style="list-style-type: none"> • Its philosophy • Objectives and responsibilities of a graduate Nurse. • Trends influencing Nursing Practices. • Expanded role of the Nurse. • Development of Nursing Education in India and trends in Nursing Education. • Professional organization, career planning. • Code of ethics & Professional conduct for Nurses. 	7 Hours
Unit II	<ul style="list-style-type: none"> • Ethical, legal and other issues in Nursing. • Concept of health and illness, effects on the person. • Stress and adaptation. • Health care concept and Nursing care concept. • Development concept, needs, roles and problems of the development stages of individual – newborn, infant, toddler, pre-adolescent, adolescent, adulthood, middle- age old age. 	7 Hours
Unit III	<ul style="list-style-type: none"> • Theory of Nursing practices. • Meta-paradigm of Nursing – characterized by four central concepts i.e. Nurse, person (client/ patient), health and environment. 	7 Hours
Unit IV	<ul style="list-style-type: none"> • Nursing process. • Assessment: Tools for assessment, methods, recording. • Planning: Teaching for planning care, types of care plans. 	10 Hours

	<ul style="list-style-type: none"> • Implementation: Different approaches to care, organizations and implementation of care, record. • Evaluation: tools for evaluation, process of evaluation, types of evaluation 	
Unit V	<ul style="list-style-type: none"> • Quality assurance: Nursing Standards, Nursing audit, total quality management. • Role of council and Professional bodies in maintenance of standards. 	7 Hours
Unit VI	<ul style="list-style-type: none"> • Primary health care concept: <ul style="list-style-type: none"> • Community oriented Nursing • Holistic Nursing • Primary Nursing. • Family oriented Nursing concept: <ul style="list-style-type: none"> • Problem oriented Nursing • Progressive patient care • Team Nursing. 	7 Hours
Reference Books	<ol style="list-style-type: none"> 1. Barbara Kosier et al, <i>Fundamentals of Nursing Concepts and</i> 	
	<ol style="list-style-type: none"> 2. Brown Ammy Francis, <i>Medical Nursing</i>, W.B Saunders and Co., 2006, USA. 3. Esther Mc Clain RN, <i>Scientific Principle of Nursing</i>, Current technical literature Publications, 1969, Bombay. 4. Potter and Perry, <i>Fundamentals of Nursing Concepts- Process and Practice</i>, C.V Mosby and Co., 1985, London. 5. Virginia Henderson et al, <i>Principles and Practice of Nursing</i>, Mc Milan Publishing Co., London. 6. Nancy Sr., <i>Principles and Practices of Nursing</i>, vol. I, II, NR Publishing Home, 1984, Indore. 7. Elbert et al, <i>Scientific Principles in Nursing</i>, C. V Mosby and Co., 1974, USA. 8. Ann Marriner, <i>The Nursing Process- A Scientific Approach to Nursing Care</i>, C.V Mosby and Co., 1979. 9. Hoodmark Rohweden, <i>Scientific Foundation of Nursing</i>, 3rd edition, J.B Lippincott Co., 1975, 10. Norman G. Kirby and Sliphen J Mather, Bailliers, <i>Hand Book of First Aid</i>, India Traveller Book Seller, 11. Lois Dakes, <i>Illustrations of Bandaging and First Aid</i>, E and S Livingstone Ltd, Teviot plane. <p>* Latest editions of all the suggested books are recommended.</p>	

<u>COURSE</u> <u>CODE</u> PBN102	Core Course -1 Post Basic B.Sc. Nursing I Year NUTRITON AND DIETICS	L-1 T-0 P-2 C-2
Course outcomes	At the end of the course, the students will be:	
CO-1	Understanding the biochemical composition, nutrition and their role in functioning of human body.	
CO-2	Applying the knowledge of nutrition and diet for preparing diet for the care and promotion of health of patients.	
CO-3	Demonstrating skills in selection, preparation and preservation of foods for patients.	
CO-4	Analyzing the nutritional needs of the patients and monitor the improvements in the health.	
CO-5	Evaluating the alterations in micro and macro nutrients in health and	
Course Content:		
Unit I	<ul style="list-style-type: none"> • Introduction to nutrition and dietetics. • Balanced diet, factors on which it depends. • Factors to be considered in planning. • Guidelines available for planning. • Food hygiene, preparation and preservation. • Review of nutrients – micro & macro. 	5 Hours
Unit II	<ul style="list-style-type: none"> • Introduction to diet therapy. • Routine hospital diets. • Therapeutic diet under each unit i.e. Cardiovascular diseases, gastrointestinal diseases, renal disorders, endocrine and metabolic disorders, allergy, infections and fevers, pre and post operative stages, deficiency diseases and malnutrition, overweight and underweight. 	10 Hours
Unit III	<ul style="list-style-type: none"> • Infant and child nutrition. • Feeding of normal infants: factors to be considered in planning nutritional requirements. • Feeding of premature infants: factors to be considered in planning nutritional requirements. • Supplementary feeding of infants: Advantage and method of introduction. • Weaning, effects on mother and child. • Psychology of infant and child feeding. • Feeding the sick child. Diet in diseases of infancy and childhood. 	7 Hours

	<ul style="list-style-type: none"> Deficiency states – Malnutrition and under nutrition. Feeding pre-school child: Nutritional needs, factors to be considered in planning diets. Problems in feeding. School lunch programme: Advantage, need in India. 	
Unit IV	<ul style="list-style-type: none"> Community nutrition: need for community nutrition programme. Nutritional needs for special groups: Infant, child, adolescent, pregnant woman, lactating mother and old people. Substitutes for non-vegetarian foods. Selection of cheap and nutritious foods. Nutrition education needs and methods. Methods of assessing nutritional status of individual / group / community. Current nutritional problems and national programmes. 	8 Hours
PRACTICUM		
	<p>I. <i>Methods of cooking and cookery rules.</i></p> <ol style="list-style-type: none"> Simple preparation of beverages, soups, cereals and pulses, eggs, vegetables, meat. Menu plans. <p>II. <i>Preparation of supplementary food for infants.</i></p> <ol style="list-style-type: none"> Foods for toddlers. Low cost nutritious dishes for vulnerable groups. Dietary case study of patient on special diet planning of low cost dietary instructions for home adaptations. Planning of therapeutic diets. 	<p>8 Hours</p> <p>7 Hours</p>
Text book	1. Antia, E. P., <i>Clinical Dietetics and Nutrition</i> , Oxford University Press, 1995, New Delhi.	
Reference Books	<ol style="list-style-type: none"> Anderson, <i>Nutrition in Nursing</i>, Lippincott Co., 1972, Philadelphia. Corrine H Robinson, <i>Normal and Therapeutic Nutrition</i>, Oxford and IBH Publications. Sue Rodwell Williams, <i>Nutrition and Diet Therapy</i>, C.V Mosby and Co., 1977. Patwardhan V. N., <i>Nutrition in India</i>, 1961. Hervietta Flick, <i>Introduction to Nutrition</i>, Mac Millon Publishing Co., 1970. Lenna F. Copper, <i>Nutrition in Heath and Disease</i>, J.B Lippincott Co., Philadelphia. Joshi V.D., <i>Hand Book of Nutrition and Dietetics</i>, Vora Medical Publications, Bombay. Swaminathan M., <i>Hand Book of Food and Nutrition</i>, Bangalore printing and publishing Co., 1970, Bangalore. <p>* Latest editions of all the suggested books are recommended.</p>	

COURSE CODE PBN4103	Core Course -2 Post Basic B.Sc. Nursing I Year BIOCHEMISTRY AND BIOPHYSICS	L-3 T-0 P-0 C-3
Course outcomes	At the end of the course, the students will be:	
CO-1	Understanding the concepts, theories and principles of Biochemistry and Biophysics.	
CO-2	Applying the principles of Biochemistry and Biophysics in Nursing.	
CO-3	Demonstrating the principles of machines, friction and body mechanics during nursing care.	
CO-4	Understating and using the various bio-medical equipment and biochemical investigations in diagnosis of diseases.	
CO-5	Analyzing and evaluating various investigations in diagnosis of	
Course Content		
Section A: Biochemistry		
Unit I	<ul style="list-style-type: none"> • Introduction: Importance of Biochemistry in Nursing. • Study of cell and its various components. 	3 Hours
Unit II	<ul style="list-style-type: none"> • Water and Electrolytes: Water – Sources, property & functions in human body. • Water and fluid balance. • Electrolytes of human body, functions, sources. 	5 Hours
Unit III	<ul style="list-style-type: none"> • Enzymes • Mechanism of action • Factors affecting enzyme activity • Diagnostic applications • Precautions for handling specimens for enzyme estimation. • Digestion and absorption of carbohydrates, proteins and fats • Various factors influencing the digestion and absorption, mal-absorption syndrome. 	7 Hours
Unit IV	<ul style="list-style-type: none"> • Carbohydrates: Catabolism of carbohydrates for energy purposes. • Mitochondrial oxidation and oxidation phosphorylation. • Fats of glucose in the body. Storage of glucose in the body, glycogenesis, glycogenolysis and neoglucogenesis, blood glucose and its regulation. • Glucose tolerance test, hyperglycemia, hypoglycemia, glycemia. 	5 Hours

Unit V	<ul style="list-style-type: none"> • Protein: Amino acids, hormones. • Essential amino acids. Biosynthesis of protein in the cells. • Role of nucleic acid in protein synthesis. • Nitrogenous constituents of urine, blood, their origin – urea cycle, uric acid formation, gout. • Plasma proteins and their functions. 	5 Hours
Unit VI	<ul style="list-style-type: none"> • Fat: Biosynthesis of fats and storage of fats in the body. • Role of liver in fat metabolism. • Biological importance of important lipids and their functions • Cholesterol and lipoprotein <ul style="list-style-type: none"> • Sources, occurrence and distribution • Blood level and metabolism • Ketone bodies and utilization. • Inter relationship in metabolism and cellular control of metabolic processes. 	5 Hours
Section B: Biophysics		
Unit I	<ul style="list-style-type: none"> • Introduction: Concepts of unit and measurements. • Fundamental and derived units. • Units of length, weight, mass, time. 	2 Hours
Unit II	<ul style="list-style-type: none"> • Vector and scalar motion, speed, velocity and acceleration. 	2 Hours
Unit III	<ul style="list-style-type: none"> • Gravity: Specific gravity, centre of gravity, principles of gravity. • Effect of gravitational forces on human body. • Application of principles of gravity in Nursing. 	3 Hours
Unit IV	<ul style="list-style-type: none"> • Force, work, energy: their units of measurement. • Type and transformation of energy, forces of the body, static forces. • Principles of machines, friction and body mechanics. • Simple mechanics – lever and body mechanics, pulley and traction, incline plane, screw. • Application of these principles in Nursing. 	3 Hours
Unit V	<ul style="list-style-type: none"> • Heat: Nature, measurement, transfer of heat. • Effects of heat on matter. • Relative humidity, specific heat. • Temperature scales. • Regulation of body temperature. • Use of heat for sterilization. • Application of these principles in Nursing. 	3 Hours

Unit VI	<ul style="list-style-type: none"> • Light: Laws of reflection. • Focusing elements of the eye, defective vision and correction, use of lenses. • Relationship between energy, frequency and wavelength of light. • Biological effects of light. • Use of light in therapy. • Application of these principles in Nursing. 	3 Hours
Unit VII	<ul style="list-style-type: none"> • Pressures: Atmospheric pressure, hydrostatic pressure, osmotic pressure. • Measurements of pressures in the body <ul style="list-style-type: none"> • Arterial and venous blood pressures • Ocular pressure • Intracranial pressure • Application of these principles in Nursing. 	3 Hours
Unit VIII	<ul style="list-style-type: none"> • Sound: Frequency, velocity and intensity. • Vocalization and hearing. • Use of ultrasound. Noise pollution and its prevention. • Application of these principles in Nursing. 	3 Hours
Unit IX	<ul style="list-style-type: none"> • Electricity and electromagnetism: Nature of electricity, voltage, current, resistance and their units. • Flow of electricity in solids, electrolytes, gases and vacuum. • Electricity and human body. • ECG, EEG, EMG, ECT. • Pace makers and defibrillation. • Magnetism and electricity. • M.R.I. Scanning, C.A.T scan. 	3 Hours
Unit X	<ul style="list-style-type: none"> • Atomic energy: Structure of atom, isotopes and isobars. • Radioactivity: Use of radioactive isotopes. • Radiation protection units and limits, instruments used for detection of ionizing radiation. X-Rays. 	3 Hours
Unit XI	<ul style="list-style-type: none"> • Principles of electronics: Common electronic equipments used in patient care. 	2 Hours

PRACTICUM	<ul style="list-style-type: none"> Experiments and tests should be demonstrated wherever applicable. 	
Text book	1. Eastham Duncan Robert, <i>Biochemical Values in Clinical Medicine</i> , John Cought and Sons Ltd, 1977.	
Reference Books	<ol style="list-style-type: none"> Chandlish J K, <i>Lecture Notes on Biochemistry</i>, Blackwell Scientific Publications, 1984. Klein S. Israel and Ordan James, <i>Human Biochemistry</i>, Mosby Co., 1958. Varley Harold, <i>Practical Clinical Biochemistry</i>, CBS Publishers and Distributers, 1988, New Delhi. <p>*Latest editions of all the suggested books are recommended.</p>	

COURSE CODE PBN104	Core Course -3 Post Basic B.Sc. Nursing I Year PSYCHOLOGY	L-3 T-0 P-0 C-3
Course outcomes	At the end of the course, the students will be:	
CO-1	Understanding the concepts, theories and principles, of human psychology in nursing profession.	
CO-2	Applying the cognitive and emotional processes in understanding the patient behaviour in health and illness setting.	
CO-3	Demonstrating the skills of assessment and interpretation of human psychology and behaviour of patients.	
CO-4	Analyzing different personalities, mental health in patient.	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Introduction: Definition of psychology, scope and methods of psychology. • Relationship with other subject. 	3 Hours
Unit II	<ul style="list-style-type: none"> • Sensation, Attention and Perception: Definitions. • Sensory processes: Normal and abnormal. • Attention and distraction: Contributory factors. • Characteristics of perception, Perception: normal and abnormal. 	6 Hours
Unit III	<ul style="list-style-type: none"> • Motivation: Definition and nature of motivation. • Biological and social motives. • Frustration and conflicts. • Self- actualization. 	6 Hours
Unit IV	<ul style="list-style-type: none"> • Emotions: Definition of emotions, Expression and perception. • Emotions in sickness. 	4 Hours
Unit V	<ul style="list-style-type: none"> • Personality: Definition, constituents of personality. • Personality in sickness and Nursing. 	5 Hours

Unit VI	<ul style="list-style-type: none"> • Psychological aspects of Nursing. • Behaviour and sickness. Psychological needs of: <ul style="list-style-type: none"> • Child and adolescents • Adult • Aged • Attendants • Chronically ill individual. 	5 Hours
Unit VII	<ul style="list-style-type: none"> • Individual differences. • Significance of individual differences. • Heredity and environment. • Role of individual differences both in health and sickness. • Implications of individual differences in Nursing. 	5 Hours
Unit VIII	<ul style="list-style-type: none"> • Intelligence and abilities: Definition. • Intelligence and abilities during sickness. • Measurement of intelligence and abilities. 	5 Hours
Unit IX	<ul style="list-style-type: none"> • Learning: Definition, Conditions of learning. • Laws of learning. • Learning during health and sickness. 	6 Hours
Unit X	<ul style="list-style-type: none"> • Memory and forgetting: Definition and nature of memory. • Memory during health and sickness. • Forgetting during health and sickness. 	4 Hours
Unit XI	<ul style="list-style-type: none"> • Attitudes: Definition, development and modification. • Role of attitudes in health and sickness. 	5 Hours
Unit XII	<ul style="list-style-type: none"> • Concept of mental hygiene & mental health. • Characteristics of a mentally healthy person. • Defense mechanisms. 	6 Hours
PRACTICUM		15 Hours
	<ol style="list-style-type: none"> 1. Simple experiments on (i) perception (ii) measuring thresholds (iii) reaction time. 2. Administration of psychological tests. 3. Observation and recording data: (i) field observation (ii) interview (iii) Case study (iv) Self-rating. 	
Text book	1. Morgan C. T, & King, <i>Introduction to Psychology</i> , Megrow Bill International.	

<p>Reference Books</p>	<ol style="list-style-type: none"> 2. Andrew Mc Ghee, <i>Psychology on Applied to Nursing</i>, Livingstone Nursing Texts, Churchill Livingstone. 3. Philip E Vernon, <i>The Measurement of Abilities</i>, University of London Press Ltd., 1972. 4. Kuppuswamy, Prabhu P.H, <i>General Psychology</i>, Asia Publishing Home, 1975, Bombay. 5. Madeleine A. Leininger, <i>Wontemporary Issues in Mental Health Nursing</i>, Little Brown & Company, Boston. 7. Donald Snygy, <i>Individual Behaviour, A new frame of Reference for Psychology</i>, Harper and Brother Publishers, 1982. 8. Phillip L Harriman, <i>Handbook of Psychological Terms</i>, Littlefield Adam and co., 1969. <p>*Latest editions of all the suggested books are recommended.</p>	
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COURSE CODE	Discipline Specific Course-2 Post Basic B.Sc. Nursing I Year MATERNAL NURSING	L-3 T-0 P-0 C-3
PBN105		
Course outcomes	At the end of the course, the students will be:	
CO-1	Understanding physiology of pregnancy, labour and puerperium	
CO-2	Applying the skill in conducting normal delivery, providing pre and post-partum care.	
CO-3	Demonstrating family centered nursing care and nursing process approach in obstetric and gynaecological nursing.	
CO-4	Analyzing the high risk pregnancies, complementary and alternative therapies in obstetric and gynaecological nursing.	
CO-5	Evaluating the maternal and child health problems, and promote family and child welfare.	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Introduction and historical review. • Planned Parenthood. • Maternal morbidity and mortality rates. • Legislations related to maternity benefits, MTP acts, incentives for family planning etc. 	3 Hours
Unit II	<ul style="list-style-type: none"> • Review of the Anatomy and Physiology of female reproductive system. • Female pelvis (normal and contracted). • Review of Foetal development. 	5 Hours
Unit III	<ul style="list-style-type: none"> • Physiology and management of pregnancy, labour and puerperium. • Signs and symptoms and diagnosis of pregnancy. • Antenatal care. • Pregnant woman with HIV/ AIDS. • Management of common Gynaecological problems. 	15 Hours
Unit IV	<ul style="list-style-type: none"> • The new born body. • Care of the baby at birth including resuscitation. • Essential newborn care: <ul style="list-style-type: none"> • Feeding 	4 Hours

	<ul style="list-style-type: none"> • Jaundice and infection • Small & large for date babies. • Intensive care of the new born • Trauma and hemorrhage. 	
Unit V	<ul style="list-style-type: none"> • Management of abnormal pregnancy, labour and puerperium. • Abortion, ectopic pregnancy and vesicular mole. • Pregnancy induced hypertension, gestational diabetes, anaemia, heart disease. • Urinary infection, Antepartum haemorrhage. • Abnormal labour (malposition & malpresentation): <ul style="list-style-type: none"> • Uterine inertia • Disorders of puerperium • Management of engorged breast, cracked nipples, breast abscess and mastitis • Puerperal sepsis • Post partum haemorrhage • Inversion and prolapsed of uterus, obstetrical emergencies • Obstetrical operation i.e. forceps, vacuum, episiotomy, caesarean section. 	24 Hours
Unit VI	<ul style="list-style-type: none"> • Drugs in obstetrics. • Effects of drugs during pregnancy, labour and puerperium on mother & baby. 	4 Hours
Unit VII	<ul style="list-style-type: none"> • National Welfare Programmes for Women. • National Family Welfare Programme. • Infertile Family. • Problems associated with unwanted pregnancy. • Unwed mothers. 	5 Hours
	<ol style="list-style-type: none"> 1. The student will: <ol style="list-style-type: none"> a. Be posted in antenatal Clinic, MCH clinic, antenatal ward, labour room, postnatal ward, maternity OT, MTP room. b. Visit welfare agencies for woman and write observation report. c. Follow Nursing process in providing care to 3-6 patients. d. Write at least two Nursing care studies and do a presentation. e. Give at least one planned health teaching to a group of mothers. 2. Practices following Nursing procedures - <ol style="list-style-type: none"> a. Antenatal & Post natal examination, per vaginal exam. b. Conduct normal delivery, stitching of episiotomy, (for male candidate minimum conduct of 5 deliveries) c. Motivation of family for adopting family planning methods. d. Motivate family for Planned Parenthood. e. Assist in various diagnostic and therapeutic procedures including IUD insertion and removal. 	

Text book	1. Duta D.C, <i>Text Book of Obstetrics</i> , New central agency Ltd., Calcutta.	
Reference Books	2. Dawn C.S, <i>Text Book of Obstetrics</i> , New central book agency Ltd., Calcutta. 3. Dawn C.S, <i>Text Book of Gynaecology & Contraception</i> , Dawn books, 1994, CIT Road, Calcutta. 4. Dutta D. C., <i>Text Book of Gynaecology</i> , New central book agency Ltd., Calcutta. 5. Hawkins & Borune, Shaw's, <i>Text Book of Gynaecology</i> , B.I. Chrhill Livingstone Pvt. Ltd. 6. Myles Margaret, <i>Text Book of Midwifes</i> , Educational low priced books scheme, British Government *Latest editions of all the suggested books are recommended.	

<u>COURSE CODE</u>	Discipline Specific Course-3 Post Basic B.Sc. Nursing I Year CHILD HEALTH NURSING	L-3 T-0 P-0 C-3
PBN106		
Course outcomes	At the end of the course, the students will be:	
CO-1	Understanding the concepts of growth and development and family centered Paediatric Nursing care.	
CO-2	Applying the concepts of growth and development in providing care to the children and their families	
CO-3	Demonstrating skills of physical, developmental, and nutritional assessment of children	
CO-4	Analyzing various technologies and treatment modalities in the management of high risk neonates	
CO-5	Evaluating professional competencies in evidence based nursing practice and research as paediatric nurse in holistic care.	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Introduction. • Modern concept of child care. • Internationally accepted rights of the child. • National policy and legislations in relation to child health and welfare. • National programmes related to child health and welfare. • Changing trends in hospital care, preventive, promotive and curative aspects of child health. • Child morbidity and mortality rates. • Differences between an adult and child. • Hospital environment for a sick child. • The role of a Paediatric Nurse in caring for a hospitalized child. • Principles of Pre and Post operative care of infants and children. • Paediatric Nursing procedures. 	8 Hours
Unit II	<ul style="list-style-type: none"> • The healthy child. • Growth and development from birth to adolescence. • The needs of normal children through the stages of development and parental guidance. • Nutritional needs of children & infants breast- feeding, supplementary/ artificial feeding and weaning. 	12 Hours

	<ul style="list-style-type: none"> • Accidents, causes and prevention. • Value of play selection of play material. • Preventive immunization. 	
Unit III	<ul style="list-style-type: none"> • Nursing care of a neonate. • Nursing care of a normal newborn. • Neonatal resuscitation. • Nursing management of a low birth weight baby. • Nursing management of common neonatal disorders. • Organization of neonatal unit. Preventive of infections in the nursery. 	12 Hours
Unit IV	<ul style="list-style-type: none"> • Nursing management in common childhood diseases. • Nutritional deficiency disorders. • Respiratory disorders and infections. • Gastrointestinal infections, infestations and congenital disorders. • Cardio vascular problem-congenital defects and rheumatic fever. • Genito-urinary disorder – Nephrotic syndrome, Wilms’ tumor, infection and congenital disorders. • Neurological infections and disorders- convulsions, epilepsy, meningitis, hydrocephalus, spinabifida. • Haematological disorders – Anaemia, Thalassemia, ITP, Leukaemia, hemophilia. • Endocrine disorders – Juvenile Diabetes Mellitus. • Orthopaedic disorders – club foot, hip dislocation and fracture. • Disorders of skin eye and ears. • Common Communicable Diseases in children, their identification, Nursing management in hospital and home and prevention. • Paediatric emergencies – poisoning, foreign bodies, haemorrhage, burns and drowning. 	24 Hours
Unit V	<ul style="list-style-type: none"> • Management of behavioral disorders in children. • Management of challenged children: <ul style="list-style-type: none"> • Mentally challenged • Physically challenged • Socially challenged. 	4 Hours
Text book	3. Behrman, Richard K & Vaughan, Nelson,s, <i>TextBook of Paediatrics</i> , WB Saunders Co.,	
Reference Books	<ol style="list-style-type: none"> 1. Alexander NM,Brown MS, <i>Paediatric Physical Diagnosis for Nurses</i>, McGraw-Hill Book Co., New York. 2. Ball, <i>Paediatric Nursing Caring for Children</i>, 1999, Prenticehall. 	

	<ol style="list-style-type: none">4. Blake G, Florence & Wright, <i>Essentials of Paediatric Nursing</i>,5. Barbara EW, <i>Guidelines in the Care of the Low Birth Weight</i>, Orient Longman6. Bowden Greenberg, <i>Paediatric Nursing Procedure</i>, Lippincott, Williams& Wilkins7. Cameron, Jelinek et al, <i>Text Book of Emergency Paediatric Medicine</i>, <p style="text-align: center;">* Latest editions of all the suggested books are recommended.</p>	
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COURSE CODE	Core Course -4 Post Basic B.Sc. Nursing I Year MICROBIOLOGY	L-3 T-0 P-2 C-4
PBN107		
Course outcomes	At the end of the course, the students will be:	
CO-1	Understanding the concepts, principles and importance of microbiology in nursing profession.	
CO-2	Understanding and applying the infection control measures in nursing	
CO-3	Understanding the preparation of slides of various microbes.	
CO-4	Classifying the microbes and its impact on diseases.	
CO-5	Identifying and assessing the infections through microorganisms and diagnosis of diseases.	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Structure and classification of microbes. • Morphological types. • Size and form of bacteria. • Motility. • Classification of micro-organisms. <p>Practical:</p> <ul style="list-style-type: none"> • Use and care of microscope. • Common examination: Smear Blood, Mouldes, and Yeasts. 	4 Hours 4 Hours
Unit II	<ul style="list-style-type: none"> • Identification of micro-organisms. • Discussion of laboratory methods. • Diagnosis of bacterial diseases. <p>Practical:</p> <ul style="list-style-type: none"> • Staining techniques- gram staining, acid fast staining. Hanging drop preparation 	4 Hours 4 Hours
Unit III	<ul style="list-style-type: none"> • Growth and nutrition of microbes. • Temperature. • Moisture. • Blood. <p>Practical</p>	4 Hours 4 Hours

	<ul style="list-style-type: none"> • Preparation of media culture techniques. <p>Collection, handling and transportation of various specimens</p>	
Unit IV	<ul style="list-style-type: none"> • Destruction of micro- organisms. • Sterilization and disinfection. • Chemotherapy and antibiotics. • Effects of heat and cold. • Hospital infection control procedure & role of Nurses. <p>Practical: Sterilization methods – Physical, Chemical and Mechanical</p>	<p>6 Hours</p> <p>6 Hours</p>
Unit V	<ul style="list-style-type: none"> • Disease producing micro- organisms. • Gram positive bacilli. • Tuberculosis and leprosy. • Anaerobes. • Cocci. • Spirochaete. • Rickettsiae. <p>Practical: Identification and study of the following bacteria: streptococci, Pneumococci, and Staphylococci Corynebacteria, Spirochetes and gonococci. Enteric bacteria, Posting in infection control department.</p>	<p>8 Hours</p> <p>5 Hours</p>
Unit VI	<ul style="list-style-type: none"> • Pathogenic Fungi. • Dermatophytes. • Systemic Mycotic infection. • Laboratory diagnosis of Mycotic infection 	6 Hours
Unit VII	<ul style="list-style-type: none"> • Immunity. • Immunity and hypersensitivity - Skin test. • Antigen and antibody reaction. • Immunization in disease. <p>Practical: Demonstration of serological methods.</p>	<p>6 Hours</p> <p>3 Hours</p>
Unit VIII	<ul style="list-style-type: none"> • Parasites and vectors. • Characteristics and classification of parasites. • Protozoal infection including amoebiasis. • Helminthes infection. • Diagnosis of parasitic infection. • Vectors and diseases transmitted by them. 	10 Hours

	Practical: Identification of Parasites and Vectors.	4 Hours
Unit IX	<ul style="list-style-type: none"> • Viruses. • Classification and general character of viruses. • Diseases caused by viruses in man and animal and their control. 	6 Hours
Unit X	<ul style="list-style-type: none"> • Micro- organisms transmitted through food. • Food poisoning. Food borne infections. 	6 Hours
PRACTICUM		
	Each student will practice in the laboratory as indicated in each unit of the courses outline. While giving nursing care in the wards they will practice collection and processing of specimens, prevention and control of hospital infections, sterilization, immunization, chemotherapy and maintenance of personal and environmental hygiene. Observation visit to incinerator, posting in CSSD and infection control department.	
Text book	1. Ananthanarayan R, et al, <i>Text Book of Microbiology</i> , Orient Longman, 1981.	
Reference Books	2. Blackwell C. Caroline, <i>Principles of Infection and Immunity in Patient Care</i> , Edenburg Churchill Livingston, 1981. 3. Hug L. L, Muffet, <i>Clinical Microbiology</i> , J. B. Lippincott Co., 1981. 4. Loyd Roberts et al, <i>Medical Microbiology</i> , Boston Little Co., 1989. *Latest editions of all the suggested books are recommended.	

<u>COURSE CODE</u>	Discipline Specific Course-4 Post Basic B.Sc. Nursing I Year MEDICAL SURGICAL NURSING	L-5 T-0 P-0 C-5
PBN108		
Course outcomes	At the end of the course, the students will be:	
CO-1	Understanding concepts, theories, trends & issues in the field of Medical Surgical Nursing as a specialty	
CO-2	Applying concepts & theories related to health care setting	
CO-3	Demonstrating skills in health assessment and nursing care procedures in providing care to patients.	
CO-4	Analyzing various technologies & treatment modalities in the management of critically ill patients.	
CO-5	Evaluating evidence-based Nursing practice and identifying the areas of research in the field of Medical Surgical Nursing.	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Introduction to Medical Surgical Nursing. • Review of concepts of comprehensive Nursing care in medical surgical conditions. • Nurse, patient and his/ her family. • Functions of Nurse in the Outpatient Department. • Intensive care unit. 	3 Hours
Unit II	<ul style="list-style-type: none"> • Nursing management of patient with specific problems: • Fluid and electrolyte imbalance. • Dyspnea and cough, Respiratory obstruction • Fever • Shock • Unconsciousness • Pain • Acute illness • Chronic illness • Terminal illness • Age related illness • Patient undergoing surgery • Incontinence. 	6 Hours

Unit III	<ul style="list-style-type: none"> • Nursing management of patient with Neurological and Neurosurgical conditions. • Review of Anatomy and Physiology of the Nervous System. • Pathophysiology, diagnostic procedures and management of- • Cerebro-vascular accident. <ul style="list-style-type: none"> • Cranial spinal and peripheral Neuropathies. • Headache and intractable pain. • Epilepsy. • Infectious and inflammatory diseases and trauma of the Nervous System. • Common disorders of the system. • Recent advances in diagnostic and treatment modalities. • Drugs used in these disorders. • Tumors of brain & Spinal cord, congenital malformations, degenerative diseases. 	9 Hours
Unit IV	<ul style="list-style-type: none"> • Nursing management of patient with Cardiovascular problems. • Review of relevant Anatomy and Physiology of Cardiovascular system. • Pathophysiology, diagnostic procedures and management of: <ul style="list-style-type: none"> • Ischemic Heart diseases • Cardiac arrhythmias • Congestive heart failure • Rheumatic and other valvular heart diseases • Endocarditis, cardiomyopathies, congenital heart diseases, hypertension, heart block • Cardiac emergencies: Cardiac Arrest, acute pulmonary oedema, cardiac tamponade, cardiogenic shock, aneurysms and peripherovascular disorders, 	8 Hours
Unit V	<ul style="list-style-type: none"> • Nursing management of patient with respiratory problems. • Review of Anatomy and Physiology of respiratory system Pathophysiology, diagnostic procedures and management of upper respiratory tract infections: <ul style="list-style-type: none"> • Bronchitis • Asthma • Emphysema, Empyema, Atelectasis, COPD • Bronchiectasis • Pneumonia • Pulmonary tuberculosis • Lung abscess 	8 Hours

	<ul style="list-style-type: none"> • Pleural effusion • Tumours and cysts • Chest injuries • Respiratory arrest and insufficiency • Pulmonary embolism • Drugs used in the management of these patients • Special respiratory therapies. 	
Unit VI	<ul style="list-style-type: none"> • Nursing management of patient with Genito-urinary problems. • Review of Anatomy and Physiology of the Genito-urinary System <ul style="list-style-type: none"> • Nephritis • Renal calculus • Acute renal failure • Chronic renal failure • End stage renal disease. • Special procedures, dialysis, renal transplant. • Drugs used in management of these patients. • Congenital disorders, urinary infections. • Benign prostate hypertrophy. 	6 Hours
Unit VII	<ul style="list-style-type: none"> • Nursing management of patients with problems of the digestive systems. • Review of Anatomy and Physiology of gastrointestinal system and accessory organs. • Pathophysiology, diagnostic procedures and management of : <ul style="list-style-type: none"> • G.I. Bleeding • Peptic ulcer • Infections • Acute abdomen • Colitis, diarrhoea, dysentery & mal-absorption syndrome. • Cholecystitis • Hepatitis, hepatic coma and cirrhosis of liver • Portal hypertension • Pancreatitis • Tumors, Hernias, Fistulas, Fissures, Hemorrhoids. • Drugs used in the management of these patients. 	8 Hours
Unit VIII	<ul style="list-style-type: none"> • Nursing management of patients with endocrine problems. • Review of Anatomy and physiology and Pathophysiology 	4 Hours

	<p>of patients with:</p> <ul style="list-style-type: none"> • Thyroid disorders • Diabetes mellitus • Diabetes insipidus • Adrenal tumour • Pituitary disorders • Diagnostic procedures. <ul style="list-style-type: none"> • Nursing management of patient with above problems. • Drug used in Endocrine problems. 	
Unit IX	<ul style="list-style-type: none"> • Nursing management of patients with musculoskeletal problems. • Review of anatomy, Physiology and Pathophysiology: <ul style="list-style-type: none"> • Arthritis Osteomyelitis, Bursitis • Fractures, dislocation and trauma • Prolapsed disc • Osteomalacia and osteoporosis • Tumor • Amputation. • Diagnostic procedures • Nursing management of patients with above problems. • Prosthesis and Rehabilitation. • Transplant & replacement surgeries. 	7 Hours
Unit X	<ul style="list-style-type: none"> • Nursing management of patient with disorders of female reproductive tract. • Disorder of menstruation. • Infections of the genital tract. • Benign and malignant tumors of the genital tract. • R.V.F., V.V.F. • Climateric changes and associated problems. 	4 Hours
Unit XI	<ul style="list-style-type: none"> • Nursing management of patients with Oncological disorders. • Types of Neoplasms and related Pathophysiology. • Diagnostic procedures. • Modalities of treatment and nurse's role. • Special therapies – Chemotherapy and Radiotherapy • Preventive measures, other therapies 	7 Hours
Unit XII	<ul style="list-style-type: none"> • Nursing management of patient with burns. • Nursing management of patient with reconstructive surgeries. 	4 Hours

Unit XIII	<ul style="list-style-type: none"> • Nursing management of patient with common communicable diseases & STD'S. • Nursing management of patient with immunological disorders including HIV/AIDS. 	4 Hours
Unit XIV	<ul style="list-style-type: none"> • Nursing management of patient with diseases of eye, ear, nose, throat & skin. 	5 Hours
Unit XV	<ul style="list-style-type: none"> • Nursing management of patient with blood disorders • Review of Anatomy & Physiology of Blood & Blood products. • Pathophysiology, diagnostic procedures and management of blood disorders: <ul style="list-style-type: none"> • Anemia • Leukemia • Bleeding disorders • Hemophilia • Purpura etc. • Blood transfusion, safety checks, procedure and requirements. Management of adverse transfusion reaction, records for blood transfusion. • Management and counseling of blood donors, phlebotomy procedure, and post donation management. • Blood bank functioning and hospital transfusion committee • Bio-safety and waste management in relation to blood transfusion. 	4 Hours
Unit XVI	<ul style="list-style-type: none"> • Nursing in emergencies. • Cardiac emergencies. • Trauma. • Poisoning. • Crisis management: Thyroid crisis, Hypertensive crisis and Adrenal crisis. 	3 Hours
PRACTICUM		270 Hours
	<ol style="list-style-type: none"> 1. Students should be rotated in the selected medical & surgical areas, like Cardio Thoracic, Neurology, Urology, Orthopedics, Gynecology, Oncology, and Burns and Reconstructive surgical units. 2. The students should be given patient assignment. They have practices patient centered comprehensive 	

	<p>Nursing.</p> <p>3. Each student is requested to give planned health teachings, conduct clinical teaching, case presentation and drug study.</p>	
Text book	<p>1. Bruno Peulenic, Patrick Maxial, <i>Medical Surgical Nursing-Pathophysiological Concept</i>, J.B. Linnincott Co. Philadelnhia.</p>	
Reference Books	<p>2. Sorensen and Luckmann, <i>Basic Nursing -A Psycho-Physiological Approach</i>, John Wright publishing Co.</p> <p>3. Perry, Ann G. and Patricia A. Potter, <i>Clinical Nursing Skills and Techniques</i>, The C.V Mosby Co., 1990, St Louis.</p> <p>4. Powell Mary, <i>Orthopaedic Nursing</i>, ELBS, 1976.</p> <p>5. Sathoskar R. S., <i>Pharmacology and Pharmacotherapeutics</i>, Bombay popular Prakashan, Bombay.</p> <p>6. Shackeltion, Alberta, Dent et al., <i>Practical Nurse Nutrition Education</i>, W. B Saunders.</p> <p>* Latest editions of all the suggested books are recommended.</p>	

<u>COURSE</u> <u>CODE</u> PBN110	Ability Enhancement Compulsory Course-1 Post Basic B.Sc. Nursing I Year BASIC ENGLISH COMMUNICATION	L-3 T-0 P-0 C-3
Course outcomes	At the end of the course, the students will be:	
CO-1	Understanding the importance of English Language in the context of listening, speaking, reading and writing (LSRW).	
CO-2	Understanding of English Grammar, pronunciation and vocabulary building	
CO-3	Applying English Grammar in constructing sentences	
CO-4	Applying correct format and principles of written communication to prepare letters and reports	
CO-5	Applying rules of grammar in conversational English and expressing itself.	
CO-6	Developing positive attitude and ability to deals others.	
Course Contents		
Unit -I	<p style="text-align: center;">Introduction to English language</p> <p>a) Role and significance of English language in the present scenario b) English Language: Its relevance for the Indian industry c) Introduction to Listening, Speaking, Reading, Writing (LSRW) and benchmarking of the class</p> <p>[Note: As part of classroom activity, a guest lecture from an industry representative/Director (CRC) and maintaining progress card for each student on LSRW for future reference]</p>	13 Hours
Unit –II	<p style="text-align: center;">Phonetics& Functional Grammar</p> <p>a) Pronunciation and daily usage correction (speak with differences between p/b, s/sh, f/ph, t/d, v/w sounds) b) Parts of speech, articles, tenses, verbs and modals</p>	12 Hours

	<p>c) Practice of daily use words, numerals and tongue twisters</p> <p>d) Vocabulary building, Construction of simple sentences: Basic sentence pattern, subject and Predicate</p> <p><i>[Note: As part of classroom activity, language games, tongue & jaw exercises, simple passages from the newspapers for oral drills in the classroom and practice tests (written and oral)]</i></p>	
Unit III	<p>The study of various forms of composition:</p> <ul style="list-style-type: none"> • Note taking • Diary • Nurse notes, Anecdotal records • Writing of summary • Nurses' reports on health problems. <p>The student will submit one sample of each item from his/her own practical experience.</p>	10 Hours
Unit IV	<p>English Communication- About Myself</p> <p>a) Let's talk, making conversation, meeting and greeting</p> <p>b) Introducing myself, my family and my friends</p> <p>c) My opinions, my likes and dislikes</p> <p>d) Life at college, hostel and workplace</p> <p><i>[Note: As part of classroom activity, use the Workbook for reference for classroom and home assignments, carry out practice tests (written and oral)]</i></p>	15 Hours
Unit –V	<p>Personality Development-I</p> <p>a) First impression: Dressing sense, good manners, speaking well and respectably</p> <p>b) Positive Attitude: Being happy and alert, a good listener and a good friend</p> <p>c) Consultation among peers: Soliciting advice and giving advice</p> <p>d) Goal setting, confidence building& handling rejection</p> <p><i>[Note: As part of classroom activity, refer Workbook for classroom and home assignments, carry out practice tests (written and oral)]</i></p>	10 Hours

Reference Books:		
	<ol style="list-style-type: none"> 1. ILFS Bi-lingual Course in Basic English, ILFS Skill Development Corporation 2. English Grammar Composition & Usage by J.C. Nesfield, Macmillan Publishers 3. The Business letters by Madan Sood, Goodwill Publishing House, New Delhi 4. Communication Skills by Sanjay Kumar & PushpLata, Oxford University Press 	

Evaluation Scheme

Internal Evaluation						Written Exam	Total Marks
CT-1	CT-2	CT-3	Assignment	Activities	Attendance	50	100
10	10	10	15	10	5		

***Best two CTs will be considered out of three.**

<u>COURSE CODE</u> PBN151	Skill Enhancement Course -1 Post Basic B.Sc. Nursing I Year MATERNAL NURSING (P)	L-0 T-0 P-12 C-3
Course Content		
	<ol style="list-style-type: none"> 1. The student will: <ol style="list-style-type: none"> a. Be posted in antenatal Clinic, MCH clinic, antenatal ward, labour room, postnatal ward, maternity OT, MTP room. b. Visit welfare agencies for woman and write observation report. c. Follow Nursing process in providing care to 3-6 patients. d. Write at least two Nursing care studies and do a presentation. e. Give at least one planned health teaching to a group of mothers. 2. Practices following Nursing procedures <ol style="list-style-type: none"> a Antenatal & Post natal examination, per vaginal exam. b Conduct normal delivery, stitching of episiotomy, (for male candidate minimum conduct of 5 deliveries) c Motivation of family for adopting family planning methods. d Motivate family for Planned Parenthood. e Assist in various diagnostic and therapeutic procedures including IUD insertion and removal. 	

<u>COURSE CODE</u> PBN152	Skill Enhancement Course -2 Post Basic B.Sc. Nursing I Year CHILD HEALTH NURSING	L-0 T-0 P-12 C-3
Course Content		
	<p>The student will:</p> <ol style="list-style-type: none"> 1. Be posted in Paediatric Medical and Surgical wards, OPD in hospital, health centre and neonatal units. 2. Visit a centre for handicapped children and child welfare centre and write observation report. 3. Write an observational study of normal children of various age groups in home/ nursery school/ crèche. 4. Follow Nursing process in providing care to 3-6 children. 5. Write at least two Nursing care studies and do a presentation. 6. Give two planned health teachings, one in hospital and one in OPD / health centre. 7. Practice the following Nursing procedures: <ul style="list-style-type: none"> - Taking pediatric history - Physical assessment of children - Baby bath - Feeding - Restraining. 8. Calculation of dosage of drugs and administration of medications and injections. 9. Collection of specimens. 10. Enema, bowel wash, colostomy irrigation. 11. Steam and oxygen inhalation. 12. Preparation to assist with diagnostic tests and operations. 13. Examination / Assessment of a newborn. 14. Neonatal resuscitation. 15. Care of a baby in incubator and on ventilator. 16. Photo Therapy. <p>Assist in exchange transfusion and other therapeutic procedures.</p>	

<p style="text-align: center;"><u>COURSE CODE</u> PBN153</p>	<p>Skill Enhancement Course - 3 Post Basic B.Sc. Nursing I Year MEDICAL SURGICAL NURSING (P)</p>	<p>L-0 T-0 P-14 C-4</p>
<p>Course content</p>		
	<ol style="list-style-type: none"> 1. Students should be rotated in the selected medical & surgical areas, like Cardio Thoracic, Neurology, Urology, Orthopedics, Gynecology, Oncology, and Burns and Reconstructive surgical units. 2. The students should be given patient assignment. They have practices patient centered comprehensive Nursing. 3. Each student is requested to give planned health teachings, conduct clinical teaching, case presentation and drug study. 	

COURSE CODE TMUGS101	Value Added Course -1	L-2 T-1 P-0 C-0
	Post Basic B.Sc. Nursing	
	I Year MANAGING SELF	
Course Outcomes	At the end of the semester, the learner will be able to:	
CO1.	Utilizing effective verbal and non-verbal communication techniques in formal and informal settings	
CO2.	Understanding and analyzing self and devising a strategy for self growth and development.	
CO3.	Adapting a positive mindset conducive for growth through optimism and constructive thinking.	
CO4.	Utilizing time in the most effective manner and avoiding	
CO5.	Making appropriate and responsible decisions through various techniques like SWOT, Simulation and Decision Tree.	
CO.6.	Formulating strategies of avoiding time wasters and preparing to-do list to manage priorities and achieve SMART goals.	
Course Contents:		
Unit – I	Personal Development <ul style="list-style-type: none"> • Personal growth and improvement in personality • Perception • Positive attitude • Values and Morals • High self motivation and confidence • Grooming 	(10 Hours)
Unit – II	Professional Development <ul style="list-style-type: none"> • Goal setting and action planning • Effective and assertive communication • Decision making • Time management • Presentation Skills • Happiness, risk taking and facing unknown 	(8 Hours)
Unit – III	Career Development <ul style="list-style-type: none"> • Resume Building • Occupational Research • Group discussion (GD) and Personal Interviews 	(12 Hours)
Evaluation Scheme	Faculty led Continuous Evaluation	

	<ul style="list-style-type: none"> • Students will be evaluated on the score of 100 in every course. • Evaluation of soft skill will follow continuous evaluation method. <p><u>Details are as follows:</u></p> <ol style="list-style-type: none"> 1) Total Marks for each semester 100 <ol style="list-style-type: none"> a) Internal: 40 marks for Class Performance (Every class activity will carry 8 marks; each students can participate in maximum of 5 activities). b) External: 50 marks for External evaluation at the time of external exams (Based on GD and PIs). <p>Attendance: 10 marks for Attendance in the training sessions in a summary,</p> <table border="1" data-bbox="760 562 1203 915"> <thead> <tr> <th>S No</th> <th>% Attendance <</th> <th>Marks</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>30</td> <td>0</td> </tr> <tr> <td>2.</td> <td>30-40</td> <td>2</td> </tr> <tr> <td>3.</td> <td>40-50</td> <td>4</td> </tr> <tr> <td>4.</td> <td>50-60</td> <td>5</td> </tr> <tr> <td>5.</td> <td>60-70</td> <td>6</td> </tr> <tr> <td>6.</td> <td>70-80</td> <td>7</td> </tr> <tr> <td>7.</td> <td>80-90</td> <td>8</td> </tr> <tr> <td>8.</td> <td>90-100</td> <td>10</td> </tr> </tbody> </table> <p>100 marks = 40(Class performance) + 50(External) + 10(Attendance)</p>	S No	% Attendance <	Marks	1.	30	0	2.	30-40	2	3.	40-50	4	4.	50-60	5	5.	60-70	6	6.	70-80	7	7.	80-90	8	8.	90-100	10	
S No	% Attendance <	Marks																											
1.	30	0																											
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5.	60-70	6																											
6.	70-80	7																											
7.	80-90	8																											
8.	90-100	10																											
<p>References:</p>	<ul style="list-style-type: none"> • Robbins, Stephen P., Judge, Timothy A., Vohra, Neharika, Organizational Behaviour (2018), 18th ed., Pearson Education • Tracy, Brian, Time Management (2018), Manjul Publishing House • Hill, Napoleon, Think and grow rich (2014), Amazing Reads • Scott, S.J., SMART goals made simple (2014), Createspace Independent Pub • https://www.hloom.com/resumes/creative-templates/ • https://www.mbauniverse.com/group-discussion/topic.php • Rathgeber, Holger, Kotter, John, Our Iceberg is melting (2017), Macmillan • Burne, Eric, Games People Play (2010), Penguin UK • https://www.indeed.com/career-advice/interviewing/job-interview-tips-how-to-make-a-great-impression 																												

<u>COURSE CODE</u>	Core Course -5	L-3
PBN201	Post Basic B.Sc. Nursing	T-0
	II Year	P-0
	SOCIOLOGY	C-3
Course outcomes:	At the end of the course, the students will be	
CO-1	Understanding the concepts and relationship of sociology with Health and Nursing and there importance.	
CO-2	Applying the positive attitude towards individual family and community	
CO-3	Demonstrating the skills in sociological concepts that are applicable in nursing	
CO-4	Analyzing the enable role of sociology in nursing and sociological relation to community.	
CO-5	Train a professional nurse to collaborate with health care team	
CO-6	Evaluating the effective use of sociology in holistic nursing care in Hospital and community	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Introduction. • Importance of study of Sociology in Nursing, relationship of Anthropology, Sociology, etc. 	6 Hours
Unit II	<ul style="list-style-type: none"> • Individual and the society. • Socialization. • Interdependence of the individual and society. • Personal disorganization. 	6 Hours
Unit III	<ul style="list-style-type: none"> • Culture. • Nature of culture. • Evolution of culture. • Diversity and uniformity of culture. 	7 Hours
Unit IV	<ul style="list-style-type: none"> • Social organization. • Social groups, Crowds and Public groups, Nations, Race. • Social Institutions: Family, Marriage, Education, Religion, Arts, Economic organization, Political organization. • The Urban & Rural community in India: 	10 Hours

	<p>Ecology, characteristics of the village, characteristics of the town and city.</p> <ul style="list-style-type: none"> • Social stratification: Class and Caste. 	
Unit V	<ul style="list-style-type: none"> • Social Process. • Process of Social Interaction: Competition, Conflict- war, Cooperation, Accommodation and Assimilation. 	7 HOURS
Unit VI	<ul style="list-style-type: none"> • Social Change. • Nature and process of Social Change: Factors influencing cultural change. • Cultural Lag. 	6 HOURS
Unit VII	<ul style="list-style-type: none"> • Social Problems. • Social disorganization control & planning: Poverty, Population Housing, Illiteracy, Food supplies, growth of urbanization, Prostitution, Minority groups, rights of woman & children, child labour, child abuse delinquency and crime, substance abuse. 	13 HOURS
Unit VIII	<p>Gender Sensitivity.</p> <ul style="list-style-type: none"> ➤ An Introduction to Gender Sensitivity. ➤ Gender Sensitive Leadership. ➤ Gender Sensitive Conflict Management ➤ The Consequences of Sexual Harassment in the Workplace. ➤ Strategies for Developing Gender Sensitivity in the Workplace. ➤ Gender: Constitutional and legal perspectives. ➤ Media and Gender. ➤ Gender: Emerging Issues and Challenges. 	5 Hours
Text book	1. Gupta Dipankar, <i>Social Stratification</i> , Pub. Oxford University Press, 1991, New Delhi.	
Reference Books	<p>2. Sachdeva V., D. R. and Bhushan, <i>An Introduction to Sociology</i>, Kitab Mahal Ltd., 1974, Allahabad.</p> <p>3. Shankar Rao C.N, <i>Introducing Sociology</i>, Pub. Jai Bharat Prakashana Manglore-575004.</p> <p>4. Bhimappa K, <i>Sociology</i>, Cambridge Publishing Co. West of Chord Road.Banglore-560044</p> <p>* Latest editions of all the suggested books are recommended.</p>	

<u>COURSE CODE</u>	Discipline Specific Course-5	L-3
PBN202	Post Basic B.Sc. Nursing	T-0
	II Year	P-0
	COMMUNITY HEALTH NURSING	C-3
Course outcomes:	At the end of the course, the students will be	
CO-1	Understanding the concepts of community health and community health Nursing	
CO-2	Applying the models and methods of epidemiology and comprehensive approach of care in prevention and control of diseases of community.	
CO-3	Demonstrating skills in community diagnosis and delivery of community health nurses services in accordance with national health care system .	
CO-4	Analyzing the health needs and deviation from normal and take the action.	
CO-5	Evaluating the role of community health nurses in epidemiology, primary health care, school health services and occupational health services in community setting.	
CO-6	Creating leadership qualities and then illustrate the functions effectively as community health Nurse.	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Introduction to Community Health – Concepts, Principles and Elements of Primary Health Care. • Introduction to Community Health Nursing. • Concept of Community Health Nursing – Community Nursing process. • Objective, Scope and Principles of Community Health Nursing. 	8 Hours
Unit II	<ul style="list-style-type: none"> • Family Health Services. • Concept, Objective, Scope and Principles. • Individual, Family and Community as a unit of service. • Principles and techniques of home visiting. • Establishing working relationship with the family. • Working with families in relation to prevention of diseases, promotion of health. • Care of the sick in the home, physically handicapped and 	12 Hours

	<ul style="list-style-type: none"> mentally challenged. • Surveillance and Monitoring. 	
Unit III	<ul style="list-style-type: none"> • Organization and Administration of health services in India. • National Health Policy. • Health Care Delivery system in India. • Health team concepts: <ul style="list-style-type: none"> • Centre, State, District, Urban Health Services, Rural Health Services • System of medicines • Centrally sponsored health schemes • Role of voluntary health organizations and International Health Agencies • Role of health personnel in the community • Public Health Legislation. 	10 Hours
Unit IV	<ul style="list-style-type: none"> • Health Education: <ul style="list-style-type: none"> • Aims, Concepts and Scope of Health Education. • National Plan for Health Education • Communication Techniques • Methods and media for health education programmes • Planning for health education and role of nurse. 	6 Hours
Unit V	<ul style="list-style-type: none"> • Role of the Community Health Nurse. • National Health Programmes: <ul style="list-style-type: none"> • Maternal and child health programmes • Family welfare and school health services • Occupational health services. • As a member of the health team. • Training and supervision of health care workers. 	6 Hours
Unit VI	<ul style="list-style-type: none"> • Epidemiology • Definition – concepts, aims, objectives, methods & principles, • Epidemiology – theories and models. • Application of Epidemiology, principles and concepts in community health. 	8 Hours
Unit VII	<ul style="list-style-type: none"> • Bio-Statistics and Vital Statistics. • Introduction, definition and scope, legislation. • Report, recording and compiling of vital statistics at the local, state, national and international level. • Definition and methods of computing vital statistics. • Methods of presenting data. • Management information system. 	10 Hours
Text book	1. Clark, June & Jill Handerson, <i>Community Health</i> , Churchill Livingstone, New York.	

Reference Books	<ol style="list-style-type: none"> 2. Freeman B. Ruth, <i>Public Health Practices</i>, W. W. Saunders Co, Philadelphia. 3. Fromer Joan Margot, <i>Community Health Care and the Nursing process</i>, C. V. Mosby Co, Toronto. 4. Park J. E, <i>Text Book of Preventive and Social Medicine</i>, Ms Banarsidas Bhanhot Co., Jabalpur. 5. Park K, <i>Text Book of Preventive and Social Medicine</i>, Ms Banarsidas Bhanhot Co, Jabalpur. 6. Rao S. Kasthi, <i>An Introduction to Community Health Nursing</i>, B. I. Publishers, Madras. 7. Stan hope & Lancaster Janette, <i>Community Health Process and Practice for Promoting Health</i>, The C.V Mosby & CO. London. <p>* Latest editions of all the suggested books are recommended.</p>	
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<u>COURSE CODE</u> PBN203	Discipline Specific Course-6 Post Basic B.Sc. Nursing II Year MENTAL HEALTH NURSING	L-3 T-0 P-0 C-3
Course outcomes:	At the end of the course, the students will be	
CO-1	Understanding the Philosophy and Principles of Mental Health Nursing.	
CO-2	Applying concepts and theories of mental health nursing in clinical and community settings.	
CO-3	Demonstrating the skills of therapeutic communications and interpersonal relationships as a psychiatric nurse.	
CO-4	Analyzing nursing approach in caring of clients and groups various mental health issues.	
CO-5	Evaluating role of a psychiatric nurse in various treatment approaches and psychiatric rehabilitation, prevention of mental disorders and promotion of mental health.	
CO-6	Creating various modules for care of clients and groups with Psychiatric emergencies and other mental health issues.	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Introduction and historical development. • History of Psychiatry. • Historical development of Mental Health Nursing. • Philosophy, Principles of Mental Health Nursing and Psychiatric Nursing. • Concept of normal and abnormal behavior. • Role and qualities of Mental Health and Psychiatric Nurse. • Mental Health team and functions of team members. • Legal aspects in Psychiatry and Mental Health services. 	5 Hours
Unit II	<ul style="list-style-type: none"> • Classification and assessment of mental disorders. • Terminologies used in Psychiatry. • Classification of mental disorders. • Etiological factors and psychopathology of mental disorders. • History taking an assessment methods for mental disorders. 	7 Hours

Unit III	<ul style="list-style-type: none"> • Therapeutic communication. • Communication process. • Interview skills, therapeutic communication techniques. Nurse patient relationship, therapeutic impasse and its management process recording. 	5 Hours
Unit IV	<ul style="list-style-type: none"> • Management of mental disorders • Etiological factors, psychopathology, types, clinical features, diagnostic criteria, treatment and Nursing management of patient with following disorders: <ul style="list-style-type: none"> • Neurotic disorders: Anxiety Neurosis, Depressive Neurosis, Obsessive Compulsive Neurosis, Phobic Neurosis and Hypochondriacal Neurosis, stress related and somatoform disorders. • Psychotic disorders: Schizophrenic form, Affective and Organic psychosis. • Organic Brain syndromes • Psychosomatic disorders • Personality disorders • Disorders of Childhood and Adolescence. 	10 Hours
Unit V	<ul style="list-style-type: none"> • Management of patients with Substance use disorders. • Substance use and misuse. • Dependence, Intoxication and Withdrawal <ul style="list-style-type: none"> • Classification of Psychoactive Substances • Etiological & Contributory factors • Psychopathology • Clinical features • Diagnostic criteria. • Treatment and Nursing management of patient with Substance use disorders. • Preventive and rehabilitative aspects in substance abuse. 	7 Hours
Unit VI	<ul style="list-style-type: none"> • Management of mental sub-normality. • Classification of mental sub-normality. • Etiological factors, psychopathology, psychometric assessment. diagnostic criteria and management of sub-normality. 	7 Hours
Unit VII	<ul style="list-style-type: none"> • Psychiatric emergencies. • Types of emergencies, psychopathology, clinical features, assessment and diagnosis, treatment and Nursing management of patient with Psychiatric emergencies. • Crisis intervention therapy. 	7 Hours
Unit VIII	<ul style="list-style-type: none"> • Therapeutic modalities. • Principles, indication, contraindications and role of Nurse in various treatment methods: Therapeutic 	8 Hours

	<p>community and Milieu therapy</p> <ul style="list-style-type: none"> • Occupational therapy • Psychotherapy • Behavior therapy • Group therapy • Family therapy • Pharmacotherapy • Electro convulsive therapy • Other miscellaneous therapies. 	
Unit IX	<ul style="list-style-type: none"> • Preventive Psychiatry. • Model of prevention. • Role of Nursing in preventive Psychiatry. • Psychiatric social work. • Community Mental Health Nursing. • Community Mental Health agencies. • National Mental Health programmes. 	4 Hours
PRACTICUM	The student will be provided opportunity to:	240 Hours
	<ol style="list-style-type: none"> 1. Observe, Record and Report the behavior of their selected patients. 2. Record the process of interaction. 3. Assess the Nursing needs of their selected patients, plan and implement the Nursing intervention. 4. Counsel the attendant and family members of patient. 5. Participate in the activities of Psychiatric team. 6. Write observation report after a field visit to the following places: <ul style="list-style-type: none"> • Child guidance clinic. • School / Special Schools (For mentally subnormal) • Mental Hospital, • Community Mental Health Centres. • De-addiction and Rehabilitation Centres. 	
Text book	1. Brown R.T. Feldman G.R, <i>Epilepsy -Diagnosis and Management</i> , Little Brown and Co., 1983, Toronto.	
Reference Books	<ol style="list-style-type: none"> 2. Beck M. C. Rawtins P. R. and et al, <i>Mental Health – Psychiatric Nursing</i>, The C.V.Mosby Co., Ltd., 3. Coleman C. J, <i>Abnormal Psychology and Modern Life</i>, P. B. Tara and Sons Co. Pvt Ltd., 1982. 4. Kaplan H. Saddock B, <i>Synopsis of Psychiatry</i>, William Sand Wilkins, 1991, Bathmov. 5. Stuart W. G. Sundeen J. S, <i>Principles and Practice of Psychiatric Nursing</i>, Mosby Year book, 1991, <p>* Latest editions of all the suggested books are recommended.</p>	

<u>COURSE CODE</u> PBN204	Core Course -6 Post Basic B.Sc. Nursing II Year INTRODUCTION TO NURSING EDUCATION	L-3 T-0 P-4 C-5
Course outcomes:	At the end of the course, the students will be	
CO-1	Understanding the concepts, principles, philosophies and functions in nursing education	
CO-2	Applying different types of instructional media and methods in teaching learning process along with the tool and techniques for assessment of knowledge, skill, and attitude.	
CO-3	Analyzing the existing nursing educational programs, their problems, in nursing education	
CO-4	Evaluating the administration of nursing curriculum and management of nursing educational institutions	
CO-5	Demonstrating the principles and steps of guidance and counselling	
CO-6	Creating a plan for in-service and staff development program in various nursing education	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Introduction to education: <ul style="list-style-type: none"> • Meaning of education, aims, function and principles. • Philosophy of education: <ul style="list-style-type: none"> • Factors influencing development of philosophy of Nursing Education. 	5 Hours
Unit II	<ul style="list-style-type: none"> • Teaching learning process. • Nature and characteristics of learning. • Principles and maxims of teaching • Formulating objectives. • Lesson planning. 	5 Hours
Unit III	<ul style="list-style-type: none"> • Methods of teaching: <ul style="list-style-type: none"> • Teaching methods • Lecturer • Discussion • Demonstration 	5 Hours

	<ul style="list-style-type: none"> • Group discussion • Project • Role play • Panel discussion • Symposium • Seminar • Field trip • Workshop • Exhibition • Programmed instruction • Computer assisted learning. • Clinical teaching methods: <ul style="list-style-type: none"> • Case methods • Case presentation • Nursing rounds and reports • Bedside clinic • Conference (individual and group) • Recording of interaction process. 	
Unit IV	<ul style="list-style-type: none"> • Educational media. • Communication Process: Factors Affecting Communication. • Purpose and Types of Audio-Visual Aids. • Graphics aids: Chalk-board, Charts, Graphs, Poster, Flash Cards, Flannel graph / Khadigraph, Bulletin, Cartoon, • Three Dimensional Aids: Objects, Specimen, Models, Puppets. • Printed Aids: Pamphlets and Leaflets. • Projected Aids: Slides, Films and Television, VCR, VCP, Overhead Projector, Camera, Microscope. • Audio Aids: Tape Recorder, Public address system, Computer. 	15 Hours
Unit V	<ul style="list-style-type: none"> • Methods of assessment. • Purpose and Scope of evaluation and assessment. • Criteria for selection of assessment techniques and methods. • Assessment of knowledge: essay type question, SAQ (short answer questions). • MCQ (multiple choice questions). • Assessment of skills: observation, check list. Practical examination Viva, objective structured clinical examination. • Assessment of attitude: Attitude scale. 	8 Hours
Unit VI	<ul style="list-style-type: none"> • Management of School of Nursing. • Planning of school of Nursing, organization. 	8 Hours

	<ul style="list-style-type: none"> Recruitment of teaching staff, budget, facilities for the school, student selection and admission procedure, administrative planning of students, welfare services for students, maintenance of schools records, preparation of annual reports, INC guidelines for schools of Nursing. 	
Unit VII	<ul style="list-style-type: none"> Guidance and counselling: Definition. Basic principles of guidance and counselling. Organization of guidance and counselling services. Counselling process. Managing disciplinary problems. Management of crisis. 	10 Hours
Unit VIII	<ul style="list-style-type: none"> In-service education. Introduction to nature and scope of in-service education programme. Principles of adult learning. Planning for in-service programme. Techniques, and methods of staff education programme Evaluation of in- service programme. 	4 Hours
PRACTICUM	<p>Each student should:</p> <ol style="list-style-type: none"> Conduct five planned teaching using different methods and media. Prepare different types of teaching aids. Plan, organize and conduct in-service education programme Conduct at least one counseling session. Prepare rotation plans. 	75 Hours
Text book	1. Hedgerken Loretta E, <i>Teaching and Learning in School of Nursing</i> , J.B. Lippincott Co.,	
Reference Books	2. Tomyay de Rheba, Thompson, <i>Strategies for Teaching Nursing</i> , Willey Medical Publisher, 1982, New York. * Latest editions of all the suggested books are recommended.	

<u>COURSE CODE</u>	Core Course -7	L-3
PBN205	Post Basic B.Sc. Nursing	T-0
	II Year	P-10
	INTRODUCTION TO NURSING ADMINISTRATION	C-8
Course outcomes:	At the end of the course, the students will be	
CO-1	Understanding the concept of nursing administration.	
CO-2	Applying the administration principle in nursing area.	
CO-3	Demonstrating the rotation plan of the staff, writing report and verbal report of the nursing unit.	
CO-4	Utilize and organize nursing units effectively.	
CO-5	Evaluating the each student's professional competency in ward management.	
CO-6	Creating leadership quality in nursing administration.	
Course Contents		
Unit I	<ul style="list-style-type: none"> • Principles and Practices of administration. • Significance, elements and principles of administration, • Organization of Hospital – Definition, aims, functions, and classifications, health term. • Policies of hospital, different departments with special emphasis to department of Nursing & office management. • Responsibilities of the Nursing personnel especially of ward Sister, medico legal aspects, concept of cost effectiveness. 	12 Hours
Unit II	<ul style="list-style-type: none"> • Nursing Unit Management. • Physical layout of a Nursing Unit and necessary facilities. • Factors affecting the quality of Nursing care. • Maintenance of a therapeutic environment • Administration of the unit – management of patient care. • Maintenance of physical environment. • Assignment of duties and time plan. • Patient assignment, safety measures, prevention of accidents and infections. • Maintenance of patients' records and reports, legal responsibilities. • Maintenance of quality Nursing care, Nursing audit. 	12 Hours
Unit III	<ul style="list-style-type: none"> • Personnel management. • Staff recruitment and selection, appointment, promotions, personnel policies and jobs descriptions. • Job analysis. 	7 Hours

	<ul style="list-style-type: none"> • Staffing the unit, staffing norms, rotation plan, leave planning, performance appraisal, staff welfare and management of disciplinary problems. 	
Unit IV	<ul style="list-style-type: none"> • Supervision. • Principles of supervision, nature and objectives. • Tools and techniques of supervision. • Evaluation. • Nursing audit. • Staff development – orientation program. • Skill training. • Leadership development. • Problem solving process. 	8 Hours
Unit V	<ul style="list-style-type: none"> • Material management. • Principles of material management. • Quality control. • Inventory, care of equipment, safekeeping. • Role of nursing personnel in material management. 	7 Hours
Unit VI	<ul style="list-style-type: none"> • Financial Management. • Budgeting – principles of budgeting, audit. 	4 Hours
Unit VII	<ul style="list-style-type: none"> • Organizational Behavior. • Group dynamic and human relation, organizational communication (hospital information system). • Public relation, leadership styles and functions. • Methods of reporting. • Maintaining records and reports. 	10 Hours
PRACTICUM		180 Hours
	<ol style="list-style-type: none"> 1. Observe the functioning of Nursing administration at various level i.e. institution, department, unit etc. 2. Each student will practice Ward Management under supervision. 3. Student will prepare rotation plan of the staff, write reports, give verbal reports of the ward and assist in maintaining the inventory of the Nursing unit. 4. Visit to private and government hospital and write observation reports. 	

Text book	1. Goel S.L, <i>Health Care Administration</i> , Seterling Publication New Delhi.	
Reference Books	2. Jean Barrett, <i>Ward Management and Teaching</i> , Himalayan Books, New Delhi. 3. Goyal R.C, <i>Hospital Personal Management</i> , Prentice Hall India, New Delhi. 4. Awasthi, <i>Public Administration</i> , Makeswar, Publication Laxmi Narayan Agarwal, 1987. * Latest editions of all the suggested books are recommended.	

COURSE CODE PBN206	Core Course -8	L-2 T-0 P-0 C-2
	Post Basic B.Sc. Nursing	
	II Year	
	INTRODUCTION TO NURSING RESEARCH AND STATISTICS	
Course outcomes:	At the end of the course, the students will be	
CO-1	Understanding the concepts and approaches of nursing research	
CO-2	Applying the relevant methods in collection of data and interpretation of research data.	
CO-3	Demonstrating the need and scope of nursing research.	
CO-4	Analyzing the data, interpreting the research finding and to utilize for the promotion of Health.	
CO-5	Evaluating the research studies through peer reviews	
CO-6	Creating and implementing evidence based practices	
Course Contents		
A.	INTRODUCTION TO RESEARCH METHODOLOGY	
Unit I	<ul style="list-style-type: none"> • Steps of scientific methods. • Definition of Research. • Need for Nursing Research. • Characteristics of good research. Research process 	5 Hours
Unit II	<ul style="list-style-type: none"> • Statement of Research problem. • Statement of purpose and objectives. • Definition of Research terms. • Review of literature. 	5 Hours
Unit III	<ul style="list-style-type: none"> • Research approaches: historical, survey and experimental. 	5 Hours
Unit IV	<ul style="list-style-type: none"> • Sampling techniques and methods of data collection. • Sampling. • Instrument-questionnaire, Interview. • Observation schedule, records, measurements. • Reliability and validity of instruments. 	5 Hours
Unit V	<ul style="list-style-type: none"> • Analysis of Data, Tabulation: <ul style="list-style-type: none"> • Classification and summarization • Presentation • Interpretation of data. 	5 Hours
Unit VI	<ul style="list-style-type: none"> • Communication of research findings. • Writing report: <ul style="list-style-type: none"> • Organizing materials for writing • Format of the report 	5 Hours

	<ul style="list-style-type: none"> • Use of computers. 	
B	INTRODUCTION TO STATISTICS	
Unit VII	<ul style="list-style-type: none"> • Descriptive Statistics. • Frequency Distribution – Types of measure - frequencies, class interval, graphic methods of describing frequency. • Measures of Central Tendency – Mode, Median, Mean. • Measures of variability: Range, Standard deviation • Introduction to normal probability. 	5 Hours
Unit VIII	<ul style="list-style-type: none"> • Correlation. • Computation by rank difference methods. • Uses of correlation co-efficient. 	3 Hours
Unit IX	<ul style="list-style-type: none"> • Biostatistics: Crude rates and standardized rates, ratio and estimation of the trends. 	2 Hours
Unit X	<ul style="list-style-type: none"> • Introduction to computers in Nursing. • Introduction to Computer and disk – operating system • Introduction to word processing • Introduction to data base • Window application: Word, Excel, Power point, Multimedia. • Use of statistical packages. • Introduction to internet & use of electronic mail. • Computer aided teaching & testing. 	5 Hours
Text book	1. Polit. D. F. and Hungler, B. P, <i>Essentials of Nursing Research</i> , J. B. Lippincott Co., Philadelphia.	
Reference	2. Treece, E. W. and Treece J. W, <i>Elements of Research in Nursing</i> , C.V. Mosby Co., St. Louis. 3. Basavanthappa B.T, <i>Nursing Research</i> , Jaypee Brothers, 2003, New Delhi. 4. Garrrrett H.E, <i>Statistic in Psychology & Education</i> , Vakils, Feffer and Samons, Bombay. 5. Mahajan B.K, <i>Methods in Biostatistics</i> , Jaypee medical publication, 1999, New Delhi. * Latest editions of all the suggested books are recommended.	

Evaluation Scheme

CT1	CT2	CT3	Assignment	Activity	Attendance	Total
25	25	25	25	20	5	100

*Best two CT out of three.

<u>COURSE</u>	Ability Enhancement Compulsory Course -2	L-2
<u>CODE</u>	Post Basic B.Sc. Nursing	T-0
PBN207	II Year	P-0
	APPLIED PROFESSIONAL ENGLISH	C-2
Course outcomes:	At the end of the course, the students will be	
CO-1	Understanding the importance of English Language	
CO-2	Applying correct format and principles of written communication to prepare letters, reports, Minutes of The Meeting and Inter-Office Memo.	
CO-3	Applying the Presentation Skills & its techniques	
CO-4	Applying rules of grammar in conversational English and expressing itself.	
CO-5	Developing positive attitude and ability to speak others.	
Course Contents		
Unit I	<p style="text-align: center;">Professional Skills</p> <p>a) Biodata, CV and resume writing b) Joining Letter, Cover Letter & Resignation letter c) Inter-Office Memo, Formal Business Letter, Informal Notes d) Minutes of the Meeting, Reporting Events, Summary Writing <i>[Note: As part of classroom activity, use of standard templates and scenario buildings, practice sessions in classroom and homework assignments, refer to Workbook]</i></p>	8 Hours
Unit-II	<p style="text-align: center;">Presentation Skills</p> <p>a) Power-point presentations & presentation techniques b) Body language c) Describing people, places and events d) Extempore speech and Just-a minute sessions <i>[Note: As part of classroom activity, practice sessions carried out in class on different topics of the domain expertise, refer to Workbook]</i></p>	8 Hours
Unit-III	<p style="text-align: center;">Interview Skills</p> <p>a) Developing skill to (a) Debate (b) Discussion, Basics of GD & styles of GD</p> <hr/> <p>b) Discussion in groups and group discussion on current issues</p> <hr/> <p>c) Steps to prepare for an interview and mock interviews <i>[Note: As part of classroom activity, language games, extensive coverage of contemporary issues for GDs, facing mock interview sessions with faculty, respective TPOs and Director CRC]</i></p>	12 Hours
Unit-IV	<p style="text-align: center;">Public Speaking</p> <p>a) Art of public speaking</p>	10 Hours

	b) Welcome speech c) Farewell Speech d) Vote of thanks <i>[Note: As part of classroom activity, extensive practice sessions in class and home assignments]</i>	
Unit-V	Introduction to IELTS, TOEFL, OET and PTE	7 Hours
Reference Books:		
	1. ILFS Bi-lingual Course in Basic English, ILFS Skill Development Corporation 2. Communication Skills for Engineers and Scientists by Sangeeta Sharma & Binod Mishra, PHI Learning Private Limited, New Delhi. 3. Professional Communication by Malti Agarwal, Krishna Prakashan Media (P) Ltd., Meerut. 4. Communication Skills by Sanjay Kumar & Pushp Lata, Oxford University Press 5. The Business letters by Madan Sood, Goodwill Publishing House, New Delhi	

Evaluation Scheme

Internal Evaluation						Written Exam	Total Marks
CT-1	CT-2	*CT-3	Assignment	Activities	Attendance		
10	10	10	15	10	5	50	100

***Best two CTs will be considered out of three.**

Course Code: PBN208	Ability Enhance Compulsory Course -3	L-2 T-0 P-1 C-2
	Post Basic B.Sc. Nursing	
	II Year	
	Environmental Studies	
Course Outcomes:	At the end of the semester, the learners will be able to-	
CO1.	Understanding the scope and importance of environmental studies and the need of public awareness	
CO2.	Applying the role of information technology in environment and human health.	
CO3.	Demonstrating biomedical waste management and hence controlling prevention of pollution.	
CO4.	Analyzing the conservation of biodiversity and to consider the threats to biodiversity.	
CO5.	Evaluating the issues involved in enforcement of environment and to find out the possible solutions.	
CO6.	Creating the awareness about the importance of protection and conservation of earth to promote environmental health.	
Course Content:		
Unit-1:	MULTIDISCIPLINARY NATURE OF ENVIRONMENTAL STUDIES <ul style="list-style-type: none"> • Definition, Scope & importance • Need for public awareness 	2 Hours
Unit-2:	NATURAL RESOURCES Renewable & non-renewable resources: Natural resources & associated problems <ul style="list-style-type: none"> a) Forest resources: use & over-exploitation, deforestation, case studies .Timber extraction, mining, dams & their effects on forest and tribal people. b) Water resources: Use and over-utilization of surface and ground water, floods, drought, conflicts over water, dams- benefits and problems. 	8 Hours

	<p>c) Mineral resources: Use and exploitation, environmental effects of extracting and using mineral resources, case studies.</p> <p>d) Food resources: World food problems, changes caused by agriculture and overgrazing, effects of modern agriculture, fertilizer-pesticide problems, water logging, salinity, case studies.</p> <p>e) Energy resources: Growing energy needs, renewable and non renewable energy sources, use of alternate energy sources, case studies.</p> <p>f) Land resources: Land as a resource, land degradation, man included landslides, soil erosion and desertification.</p> <ul style="list-style-type: none"> • Role of an individual in conservation of natural resources. • Equitable use of resources for sustainable lifestyles 	
Unit-3:	<p>ECOSYSTEM</p> <ul style="list-style-type: none"> • Concept of an ecosystem • Structure and function of an ecosystem • Producers, consumers, and decomposers • Energy flow in the ecosystem • Ecological succession • Food chains, food webs and ecological pyramids • Introduction, types, characteristic features, structure and function of the following ecosystem :- <ul style="list-style-type: none"> a. Forest ecosystem b. Grassland ecosystem c. Desert ecosystem d. Aquatic ecosystem (ponds, streams, lakes, rivers, oceans, estuaries) 	8 Hours
Unit-4:	<p>BIODIVERSITY AND ITS CONSERVATION</p> <ul style="list-style-type: none"> • Introduction – Definition: genetic, species and ecosystem diversity. • Bio geographical classification of India • Value of biodiversity : consumptive use, productive use, social, ethical, aesthetic and option values • Biodiversity at global, National and local levels. • India as a mega-diversity nation 	6 Hours

	<ul style="list-style-type: none"> • Hot-spots of Biodiversity • Threats to biodiversity : habitat loss, poaching of wildlife, man-wildlife conflicts • Endangered and endemic species of India • Conservation of biodiversity : In-situ and Ex-situ conservation of biodiversity 	
Unit-5:	<p>ENVIRONMENTAL POLLUTIONS</p> <p>Definition</p> <ul style="list-style-type: none"> • Cause, effects and control measures of :- <ul style="list-style-type: none"> a. Air pollution b. Water pollution c. Soil pollution d. Marine pollution e. Noise pollution f. Thermal pollution g. Nuclear pollution • Solid waste management: Causes, effects and control measures of urban and industrial wastes. • Role of an individual in prevention of pollution. • Pollution case studies. • Disaster management: Floods, Earthquake, cyclones and landslides. 	6 Hours
Unit-6:	<p>SOCIAL ISSUES AND THE ENVIRONMENT</p> <ul style="list-style-type: none"> • From unsustainable to sustainable development • Urban problem related to energy • Water conservation, rain water harvesting, watershed management. • Resettlement and rehabilitation of people, its problems and concerns. Case studies. • Environmental ethics: issues and possible solutions. • Climate change, global warming, acid rain, ozone layer depletion, nuclear accidents and holocaust. Case studies. • Wasteland reclamation. • Consumerism and waste products. • Environment Protection Act. • Air (prevention and control of pollution) act. • Water (prevention and control of pollution) act. • Wildlife Protection Act. 	9 Hours

	<ul style="list-style-type: none"> • Forest conservation Act. • Issues involved in enforcement of environmental legislation • Public awareness. 	
Unit-7:	<p>HUMAN POPULATION AND THE ENVIRONMENT</p> <ul style="list-style-type: none"> • Population growth, variation among nations. • Population explosion- Family Welfare Programme. • Environment and human health. • Human Rights • Value Education. • HIV/AIDS • Women and Child Welfare. • Role of information technology in environment and human health. • Case studies. 	6 Hours
Unit-8:	<p>FIELD WORK</p> <p>Visit to a local area to document environmental assets- rivers/forests/hills/mountains.</p> <ul style="list-style-type: none"> • Visit to a local polluted site- Urban/Rural/Industrial/Agricultural. • Study of common plants, insects, birds. • Study of simple ecosystems- ponds, rivers, hills, slopes, etc. 	
Text book	1. Agarwal, K.C.2001 Environmental Biology, Nidi Publ.Ltd. Bikaner	
Reference Books:	2. BharuchaErach, The BIODIVERSITY OF India, Mapin Publishing Pvt .Ltd, Ahmedabad- 380 013, India, Email:mapin@icenet.net(R) 3. Brunner R.C.,1989, Hazardous Waste Incineration, McGraw Hill Inc 480p 4. Clark R.S., Marine Pollution, Clanderson Press Oxford (TB) 5. Cunningham, W.P.Cooper, T.H.Gorhani, E & Hepworth, M.T.2001, Environmental Encyclopedia, Jaico Publ. House, Mumbai, 1196p 6. De A.K., Environmental Chemistry, Wiley Eastern Ltd. 7. Down to earth, Centre for Science and Environment(R) 8. GliECK. H.P. 1993 Water in crisis, Pacific Institute for Studies in Dev, Environment & Security. Stockholm Env. Institute Oxford Univ . Press.473p	

	<ol style="list-style-type: none"> 9. Hawkins R.E., Encyclopedia of Indian Natural History, Bombay Natural History , Bombay Natural History Society , Bombay (R) 10. Heywood. V.H & Watson, R.T. 1995. Global Biodiversity Assessment Cambridge Univ.Press 1140p. 11. Jadhav, 11 & Bhosale, V.M. 1995. Environmental Protection and Laws. HimalyaPub.House, Delhi 284 p. 12. Mckinney, M.L. & School, R.M. 1996. Environmental Science system & Solutions, Web enhanced edition 639p. 13. Mhaskar A.K., MATTER Hazaedous , Techno-Science Publication (TB) 14. Miller T.G. Jr. Environmental Science, Wadsworth Publishing Co. (TB) 15. Odum,E.P. 1971 . Fundamentals of Ecology , W.B. Saunders Co. U.S.A., 574p 16. Rao M.N. & Datta, A.K. 1987 Waste treatment Oxford & IBH Publ.Co.Pvt.Ltd. 345p. 17. Sharma b.k., 2001. Environmental Chemistry. Goel Publ.House, Meerut. 18. Survey of the Environment, The Hindu (M) 19. Townsend C.,Harper j, and MichealBegon, Essentials of Ecology, Blackwell Science (TB) 20. Trivedi R.K., Handbook of Environmental Laws, Rules Guidlines, Compliances and Stadards, Vol I and II, Eviro Media (R) 21. Trivedi R.K. and P.K.Goel, Introduction to air pollution, Techno-Science Publication (TB) 22. Wanger Kk.D., 1998 Environmental Management . W.B. Saunders. Co. Philadelphia,USA 499p 	
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COURSE CODE PBN251	Skill Enhancement Course - 4 Post Basic B.Sc. Nursing II Year COMMUNITY HEALTH NURSING (P)	L-0 T-0 P-12 C-3
Guidelines	<ol style="list-style-type: none"> 1. Each student will prepare a community profile. 2. The student will be allotted families for gaining experience in identifying family health needs, health counseling and guidance and family budgeting for optimum health. 3. The student will participate in the activities of primary health centre. 4. Sub-centre, MCH centre. 5. Visits will be made to selected health and welfare agencies, water purification plant and sewage disposal plant, infectious disease hospital, child welfare centre, old aged homes, orphanages and handicapped hospitals. 6. Conduct health educational programmes for individual/ groups/ community. <p>* Public Health and Primary Health Care Skills, each activity must refer the practical manual</p> <p>MHPL Topics. (Theory & Practical)</p> <p>Roles and responsibilities of Mid-Level Health care providers.</p> <ol style="list-style-type: none"> 1. New national health programmes. 2. 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 and continuum of care and roles of mid- Level health care providers . 3. Diagnosing and treatment skills essentials at sub-centre level using standard treatment protocol as per national health programmes. 4. Introduction to Rashtriya Bal Sureksha Karyakaram (RBSK) 5. Social mobilization skills. 6. Drug dispensing. 7. Programme management including supervision and monitoring. 	

	8. Investigation of an outbreak. 9. Behavioral change communication and soft skills. 10. Integrated disease surveillance project. 11. Mother and child tracking system. 12. Chikugunya. 13. Organization of labour room. 14. Safe child birth check list. 15. Post partum visit by health worker. 16. Family planning 2020. 17. Nation family planning programmes. 18. Food born diseases.	
Topic to be reviewed		
	<ul style="list-style-type: none"> • Health planning and health care delivery system in India (IPHS guidelines) • Health management information system (HMIS) • Electronic Medical Records(EMR) • Micro birth planning. • Adolescence counseling. • Source of vital statistics. • Financial management, accounts and computing at sub-centre • Mental health act, drug de-addiction programmes. • Time trends in disease occurrence in epidemiology. • Infant and young child feeding and counseling. • Nutrition across life cycle and update on national nutrition programmes. • Use of equipment. • Throat problems and febrile in seizure in children. • Transportation of baby and common accidents and mishaps in labour room. • Counseling – GATHER Approach. 	

	<ul style="list-style-type: none">• Update biomedical waste management by specifying biomedical waste management rules 2016.• Suturing of superficial wounds.• Postpartum intra uterine contraceptive device (PPIUCD)• All the national health programmes on Communicable, non communicable.	
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COURSE CODE PBN252	Skill Enhancement Course – 5 Post Basic B.Sc. Nursing II Year MENTAL HEALTH NURSING	L-0 T-0 P-12 C-3
Guidelines		
	<p>The student will be provided opportunity to:</p> <ol style="list-style-type: none"> 1. Observe, Record and Report the behavior of their selected patients. 2. Record the process of interaction. 3. Assess the Nursing needs of their selected patients, plan and implement the Nursing intervention. 4. Counsel the attendant and family members of patient. 5. Participate in the activities of Psychiatric team. 6. Write observation report after a field visit to the following places: <ul style="list-style-type: none"> • Child guidance clinic. • School / Special Schools (For mentally subnormal) • Mental Hospital, • Community Mental Health Centres. • De-addiction and Rehabilitation Centres. 	

COURSE CODE PBN253	Research Project Report -1 Post Basic B.Sc. Nursing II Year RESEARCH PROJECT ON NURSING	L-0 T-0 P-6 C-3
Objectives:		
During the training the students is expected to learn about research problem, research methodology, statistical methods, research plan and implementation. The knowledge will be utilized for improving the quality of nursing practice and education.		
Guidelines		
	<ol style="list-style-type: none"> 1. During the clinical training a student is supposed to write a research project work related to the profession of nursing, based on his/her interest. 2. Project work would be under the supervision of internal faculty located for the project guiding appointed by the Principal/Director of college of nursing. 3. The research project would be completed and submitted before the completion of fourth year of the course (i.e. teaching work). 4. Before the submission of project the student will be require to make a presentation before the research committee through power point presentation. 5. The assessment of performance of student will be totally internal and the research committee will assess the student on the basis of his performance. 6. There would be mid-term review of the progress of the project presented before three members of the research committee appointed by the Principal/Director of college of nursing. 7. The research project work should cover the following area. <ol style="list-style-type: none"> i. Review of literature on the selected topic and reporting ii. Formulation of problem statement, objective and hypotheses iii. Development of theoretical/conceptual framework. iv. Research methodology conducted during the training period v. Analysis and interpretation vi. Summary & Conclusion. 	

Evaluation Scheme

Thesis			Quality Assignment/ Timely Submission	Contribution for research project	Attendance	Viva	Total
Problem Statement	Pilot Study	Main Study					
10	15	25	10	10	5	25	100

<u>COURSE</u> <u>CODE</u> TMUGS201	Value Added Course -02 Post Basic B.Sc. Nursing II Year MANAGING WORK AND OTHERS	L-2 T-1 P-0 C-0
Course Outcomes	At the end of the semester, the learner will be able to	
CO1.	Communicating effectively in a variety of public and interpersonal settings.	
CO2.	Applying concepts of change management for growth and development by understanding inertia of change and mastering the Laws of Change.	
CO3.	Analyzing scenarios, synthesizing alternatives and thinking critically to negotiate, resolve conflicts and develop cordial interpersonal relationships.	
CO4.	Functioning in a team and enabling other people to act while encouraging growth and creating mutual respect and trust.	
CO5.	Handling difficult situations with grace, style, and professionalism.	
Course Contents		
Unit – I	Intrapersonal Skills <ul style="list-style-type: none"> • Creativity and Innovation • Understanding self and others (Johari window) • Stress Management • Managing Change for competitive success Handling feedback and criticism	(8 hours)
Unit – II	Interpersonal Skills <ul style="list-style-type: none"> • Conflict management • Development of cordial interpersonal relations at all levels • Negotiation • Importance of working in teams in modern organisations • Manners, etiquette and net etiquette 	(12 hours)
Unit – III	Interview Techniques <ul style="list-style-type: none"> • Job Seeking • Group discussion (GD) • Personal Interview 	(10 hours)
Evaluation Scheme	Faculty led Continuous Evaluation	

- Students will be evaluated on the score of 100 in every course.
- Evaluation of soft skill will follow continuous evaluation method.

Details are as follows:

- 2) Total Marks for each semester 100
 - c) **Internal:** 40 marks for Class Performance (Every class activity will carry 8 marks; each students can participate in maximum of 5 activities).
 - d) **External:** 50 marks for External evaluation at the time of external exams (Based on GD and PIs).
 - e) **Attendance:** 10 marks for Attendance in the training sessions

S No	% Attendance <	Marks
1.	30	0
2.	30-40	2
3.	40-50	4
4.	50-60	5
5.	60-70	6
6.	70-80	7
7.	80-90	8
8.	90-100	10

In a summary,

100 marks = 40(Class performance) + 50(External) + 10(Attendance)

References

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- Burne, Eric, Games People Play (2010), Penguin UK
- Carnegie, Dale, How to win friends and influence people (2004), RHUK
- Rathgeber, Holger, Kotter, John, Our Iceberg is melting (2017), Macmillan
- Steinburg, Scott, Nettiquette Essentials (2013), Lulu.com
- <https://www.hloom.com/resumes/creative-templates/>
- <https://www.mbauniverse.com/group-discussion/topic.php>
- [https://www.indeed.com/career-advice/interviewing/job-interview-tips-how-to-make-a-great-impression.](https://www.indeed.com/career-advice/interviewing/job-interview-tips-how-to-make-a-great-impression)

