

FATHER MULLER COLLEGE OF NURSING NAAC 'A' Grade Affiliated to Rajiv Gandhi University of Health Sciences, Karnataka, Bangalore (A Unit of Father Muller Charitable Institutions)

Course Outcomes for All Courses

BSc Nursing

Sl No.	Program	Course	Course outcome	Method of assessment
1.	I BSc (N)	English	CO1: Speak and write grammatically correct English	Sessional exam
			CO2: Develop ability to read, understand and express	Final exam (Internal)
			meaningfully the prescribed text	
			CO3: Develop writing skills	
			CO4: Develop skill in spoken English	
			CO5: Develop skill in listening comprehension	
		Kannada	CO1: Speak and write grammatically correct Kannada	Sessional exam
			CO2: Develop skill in spoken Kannada	Final exam (Internal)
		Anatomy	CO1: Describe the anatomical terms, organization of	Assignment
			human body and structure of cell, tissues,	Sessional exams
			membranes and glands	Model exam
			CO2: Describe the structure & function of bones and	University exam
			joints & muscles	
			CO3: Describe the structure & function of nervous	
			system & sensory organs	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO4: Describe the structure & function of circulatory and lymphatic system	
			CO5: Describe the structure & functions of respiratory system.	
			CO6: Describe the structure & functions of digestive excretory system	
			CO7: Describe the structure & functions of endocrine system	
			CO8: Describe the structure & functions of reproductive system	
		Physiology	CO1: Describe the physiology of cell, tissues, membranes and glands	Assignment Sessional exams
			CO2: Describe the bone formation and growth and movements of skeleton system	Model exam University Exam
			CO3: Describe the muscle movements and tone and demonstrate muscle contraction and tone	
			CO4: Describe the physiology of nerve stimulus, reflexes, brain, cranial and spinal nerves and demonstrate reflex action and stimulus	
			CO5: Describe the physiology of blood and functions of Heart and Demonstrate blood cell count,	
			coagulation, grouping Hb: BP and Pulse	
			monitoring	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO6: Describe the physiology and mechanisms of	
			respiration and demonstrates spirometry	
			CO7: Describe the Physiology of digestive and	
			excretory system	
			CO8: Describe the physiology of sensory organs and	
			endocrine glands	
			CO9: Describe the physiology of male and female	
			reproductive system	
			CO10: Describe the Physiology of Lymphatic and	
			Immunological System	
		Nutrition	CO1: Describe the relationship between Nutrition &	Assignment
			Health	Nutritional demonstration
			CO2: Describe the classification, functions, sources and	Sessional exams
			recommended daily allowances (RDA) of	
			carbohydrates, Fats, Proteins, Vitamins, Minerals	University Exam
			CO3: Describe the daily calorie requirement for	
			different categories of people	
			CO4: Describe the sources, functions and requirements	
			of water & electrolytes	
			CO5: Describe the Cookery rules and preservation of	
			nutrients	
			CO6: Prepare and serve simple beverages and different	
			types of foods	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO7: Describe and plan balanced diet for different	
			categories of people	
			CO8: Describe various national programmes related to	
			nutrition	
			CO9: Describe the role of nurse in assessment of	
			nutritional status and nutrition education	
		Biochemistry	CO1: Describe the structure Composition and functions	Assignment
			of cell	Sessional exams
			CO2: Differentiate between Prokaryote & Eukaryote	Model exam
			cell	University exam
			CO3: Identify techniques of Microscopy	
			CO4: Describe the structure and functions of cell membrane	
			CO5: Explain the metabolism of carbohydrates, Lipids, Amino acids and Proteins	
			CO6: Describe types, composition and utilization of	
			Vitamins & minerals	
			CO7: Describe Immuno-chemistry	
		Nursing	CO1: Describe the concept of health, illness and health	Assignments
		Foundation -	care agencies	Sessional exams
		Theory	CO2: Explain concept and scope of nursing and	Model exam
			describe values, code of ethics and professional	University exam
			conduct for nurses of India	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO3: Explain and perform the admission and discharge procedure	
			CO4: Communicate effectively with patient, families and team members and maintain effective human relations (projecting professional image)	
			CO5: Appreciate the importance of patient teaching in nursing	
			CO6: Explain the concept, uses, format and steps of nursing process and documents nursing process as per the format	
			CO7: Describe the purposes, types and techniques of recording and reporting	
			CO8: Describe principles and techniques of monitoring and maintaining vital signs	
			CO9: Describe purpose and process of health assessment & perform the health assessment of each body system	
			CO10: Identify the various machinery, equipment and linen and their care	
			CO11: Describe the basic, psychological needs of patient	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO12: Describe the principles and techniques for	
			meeting basic, Physiological and psychosocial	
			needs of patient	
			CO13: Perform nursing assessment, plan implement and	
			evaluate the care for meeting basic, physiological	
			and psychosocial needs of patient	
			CO14: Describe principles and techniques for infection	
			control and biomedical waste management in	
			Supervised Clinical settings	
			CO15: Explain the principles, routes, effects of	
			administration of medications	
			CO16: Calculate conversions of drugs and dosages	
			within and between systems of measurements	
			CO17: Administer drugs by the following routes-oral,	
			Intradermal, Subcutaneous, Intramuscular, Intra	
			Venous topical, inhalation	
			CO18: Describe the pre and post operative care of patients	
			CO19: Explain the process of wound healing	
			CO20: Explain the principles and techniques of wound	
			care and perform care of wounds	
			CO21: Explain care of patients having alterations in	
			body functioning	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO22: Explain care of terminally ill patient	
			CO23: Explain the basic concepts of conceptual and	
			theoretical models of nursing	
		Nursing	CO1: Performs admission and discharge procedure	Assignments
		Foundation -	CO2: Prepares nursing care plans as per the nursing	Model exam
		Practical	process format	University exam
			CO3: Communicate effectively with patient, families	
			and team members	
			CO4: Maintain effective human relations	
			CO5: Develops plan for patient teaching	
			CO6: Prepare & present patient reports	
			CO7: Monitor vital signs & perform heath assessment of each body system	
			CO8: Provide basic nursing care to patients	
			CO9: Perform infection control procedures	
			CO10: Provide care to pre and post operative patients	
			and perform procedures for care of wounds	
			CO11: Administer drugs	
			CO12: Provide care to dying and dead and counsel,	
			support relatives	
		Psychology	CO1: Describe the history, scope and methods of	Assignment
			Psychology	Sessional exams
			CO2: Explain the Biology of Human behaviour	Model exam

Sl No.	Program	Course	Course outcome	Method of assessment
			CO3: Describe various cognitive processes and their applications	University Exam
			CO4: Describe motivation, emotions, stress, attitudes and their influence on behaviour	
			CO5: Explain the concepts of personality and its influence on behaviour	
			CO6: Describe Psychology of people during the life cycle	
			CO7: Describe the characteristics of mentally healthy person and explain ego defence mechanisms	
			CO8: Explain the Psychological assessments and role of nurse	
		Microbiology	CO1: Explain concepts and principles of microbiology and their importance in nursing	Assignment Sessional exams
			CO2: Describe structure, classification morphology and growth of bacteria and identify Micro- organisms	Model exam University exam
			CO3: Describe the methods of infection control & identify the role of nurse in hospital infection control programme	
			CO4: Describe the different disease producing organisms	
			CO5: Explain the concept of immunity, hyper sensitivity and immunization	

Sl No.	Program	Course	Course outcome	Method of assessment
		Introduction to Computers	CO1: Identify & define various concepts used in computer and Identify application of computer in nursing	Final exam(Internal)
			 CO2: Describe and Use the Disk Operating System CO3: Demonstrate skill in the use of MS Office & multi-media CO4: Identify features of computer aided teaching and testing 	
			CO5: Demonstrate use of internet and EmailCO6: Describe and use the statistical packages and describe the use of Hospital Management System	
2.	II BSc (N)	Sociology	 CO1: State the importance of sociology in Nursing CO2: Describe the inter-relationship of individual in society and community CO3: Describe the influence of culture and disease CO4: Identify various social groups and their interactions CO5: Explain the growth of population in India and its impact on health CO6: Describe the Institutions of family and marriage in India CO7: Describe the class and caste system and their influence on health and health practices 	Assignments Sessional exams Model exam University exam

Sl No.	Program	Course	Course outcome	Method of assessment
			CO8: Describe the types of communities in India, their practices and the impact on health and explain the	
			process of Social Change	
			CO9: Describe the Social system and inter-relationship	
			of social organizations	
			CO10: Explain the nature and process of social control	
			and describe the role of the nurse in dealing with	
			social problems in India	
		Pharmacology	CO1: Describe pharmaco-kinetics, classification and	Sessional exams
			the principles of drug administration	Model exam
			CO2: Explain Chemotherapy of specific infections and infestations and nurse's responsibilities	University exam
			CO3: Describe Antiseptics, disinfectants, insecticides and nurse's responsibilities	
			CO4: Describe Drugs acting on Gastro Intestinal system, Respiratory systems, Urinary System and nurse's responsibilities	
			CO5: Describe Drugs used in Dead diction, emergency, deficiency of vitamins & minerals, poisoning, for immunization and immuno-suppression and nurse's responsibilities	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO6: Describe Drugs used on skin and mucous membranes, Nervous System, Cardio-vascular System and nurse's responsibilities.	
			CO7: Describe drugs used for hormonal disorders and supplementation, contraception and medical termination of pregnancy and nurse's responsibilities	
			CO8: Demonstrate awareness of the common drugs used in alternative system of medicine	
		Pathology	 CO1: Define the common terms used in pathology CO2: Appreciate the deviations from normal to abnormal structure and functions of the body CO3: Explain Pathological changes in disease conditions of various systems CO4: Describe various laboratory tests in assessment and monitoring of disease conditions CO5: Describe the laboratory tests for examination of body cavity fluids, transudates, exudates, urine and faeces 	Sessional exams Model exam University exam
		Genetics	 CO1: Explain nature, principles and perspectives of heredity CO2: Explain Maternal, prenatal and genetic influences on development of defects and diseases 	Sessional exams Model exam University exam

Sl No.	Program	Course	Course outcome	Method of assessment
			CO3: Explain the screening methods for genetic defects	
			and diseases in neonates and children	
			CO4: Identify genetic disorders in adolescents and	
			adults	
			CO5: Describe the role of nurse in genetic services and	
			counseling	
		Medical	CO1: Appreciate the trends in medical and surgical	Theory and Clinical
		Surgical	nursing	assignments
		Nursing(Adults	CO2: Describe the role of nurse in caring for adult	Sessional exams
		including	patient in hospital and community	Model exam – Theory and
		Geriatrics)- I	CO3: Describe the concepts of medical surgical asepsis	Practical
			CO4: Describe the common signs, symptoms, problems	University exam – Theory
			and their Specific nursing interventions	and Practical
			CO5: Describe the etiology, pathophysiology, clinical	
			manifestations, diagnostic measures and	
			management of patients (adults including elderly)	
			with disorders of respiratory systems, digestive	
			systems, blood and cardio vascular problems	
			CO6: Describe the vascular conditions and its nursing	
			management	
			CO7: Describe the etiology, pathophysiology, Clinical	
			manifestations, diagnostic measures and	
			management of patients (adults including elderly)	

Sl No.	Program	Course	Course outcome	Method of assessment
			with disorders of genito-urinary system, with	
			disorders of endocrine system and with disorders	
			of skin	
			CO8: Describe the etiology, pathophysiology clinical	
			manifestations, diagnostic measures and	
			management of patients (adults including elderly)	
			with disorders of male reproductive system and	
			with disorders of musculo skeletal system and	
			immunological problems	
			CO9: Describe the etiology, pathophysiology clinical	
			manifestations, diagnostic measures and	
			management of patients (adults including elderly)	
			with Communicable Diseases	
			CO10: Describe the Organization and physical set up of	
			operation theatre and identify the various	
			instruments and equipments used for common	
			surgical procedures	
			CO11: Describe the infection control measures in the	
			operation theatre and describe the role of the	
			nurse in the Peri Operative nursing care	
		Community	CO1: Describe concept, dimensions and determinants of	Theory and Clinical
		Health Nursing	health	assignments
		- I		Sessional exams

Sl No.	Program	Course	Course outcome	Method of assessment
			CO2: Describe concept, scope, uses methods and	Model exam – Theory and
			approaches of epidemiology	Practical
			CO3: Describe Epidemiology and nursing management	University Exam – Theory
			of common Communicable and Non-	and Practical
			communicable diseases	
			CO4: Describe the concepts & scope of Demography	
			and Describe methods of data collection, analysis	
			& interpretation of demographic data	
			CO5: Identify the impact of population explosion in	
			India and describe the methods of population	
			control	
			CO6: Identify demographic characteristics, health	
			determinants & community health resources	
			CO7: Diagnose health needs of individual and families	
			and provide primary care in health centre and	
			Counsel, educate individual, family & community	
		Communication	CO1: Describe the communication process and Identify	Theory and Clinical
		and Educational	techniques of effective communication	assignments
		technology	CO2: Establish effective interpersonal relations with	Sessional exams
			patients families & co-workers and develop	Model exam
			effective human relations in context of nursing	University exam
			CO3: Develop basic skill of counselling and guidance	
			CO4: Describe the philosophy & principles of education	

Sl No.	Program	Course	Course outcome	Method of assessment
			and explain the teaching learning process	
			CO5: Demonstrate teaching skill using various teaching	
			methods in clinical, classroom & community	
			settings	
			CO6: Prepare and use different types of educational	
			media effectively	
			CO7: Prepare different types of questions for assessment	
			of knowledge, skills and attitudes	
			CO8: Teach individuals, groups and communities about	
			health with their active participation	
3.	III BSc (N)	Medical	CO1: Describe the etiology, patho-physiology, clinical	Theory and Clinical
		Surgical	manifestations, diagnostic measures and	assignments
		Nursing(Adult	management of patients with disorders of Ear	Sessional exams
		including	Nose, Throat, with disorders of eye and with	Model exam – Theory and
		Geriatrics) - II	neurological disorders	Practical
			CO2: Describe the etiology, pathophysiology, clinical	University exam – Theory
			manifestations, diagnostic measures & nursing	and Practical
			management of patients with disorders of female	
			reproductive system and describe concepts of	
			reproductive health & family welfare programme	
			CO3: Describe the etiology, pathophysiology, clinical	
			manifestations, diagnostic measures & nursing	
			management of patients with Burns,	

Sl No.	Program	Course	Course outcome	Method of assessment
			reconstructive and cosmetic surgery and with Oncology	
			CO4: Describe organization of emergency & disaster care services and describe the role of nurse in disaster management and the role of nurse in management of common Emergencies	
			CO5: Explain the concept and problems of aging and nursing care of the elderly	
			CO6: Describe organization of critical care units and the role of nurse in management of patients critical care units	
			CO7: Describe the etiology, pathophysiology, clinical manifestations, assessment, diagnostic measures & management of patients with occupational and industrial health disorder	
		Child Health Nursing	CO1: Explain the modern concept of child care & principles of child health Nursing	Theory and Clinical assignments
			CO2: Describe national policy programs and legislation in relation to child health and welfare.	Sessional exams Model exam – Theory and
			CO3: List major causes of death during infancy, early & late childhood	Practical University exam – Theory
			CO4: Describe the major functions and role of the paediatric nurse in caring for a hospitalized child	and Practical

Sl No.	Program	Course	Course outcome	Method of assessment
			and describe the principles of child health nursing	
			CO5: Describe the Normal growth & development of	
			children and identify the needs of children at	
			different ages & provide parental guidance	
			CO6: Identify the nutritional needs of children at	
			different ages and ways of meeting the needs	
			CO7: Appreciate the role of play for normal & sick	
			children and appreciate the preventive measures	
			and strategies for children	
			CO8: Provide care to normal & high risk neonates,	
			perform neonatal resuscitation and recognize and	
			manage common neonatal problems	
			CO9: Provide nursing care in common childhood	
			diseases and Identify measures to prevent common	
			childhood diseases including immunization	
			CO10: Manage the child with behavioural & social	
			problems	
			CO11: Identify the social & welfare services for	
			challenged children	
		Mental Health	CO1: Describes the historical development & current	•
		Nursing	trends in mental health nursing	assignments
			CO2: Describe the epidemiology of mental health	Sessional exams
			problems	Model exam – Theory and

Sl No.	Program	Course	Course outcome	Method of assessment
			CO3: Describe the National Mental Health Act,	Practical
			programmes and mental health policy	University exam – Theory
			CO4: Discusses the scope of mental health nursing and	and Practical
			the concept of normal & abnormal behaviour	
			CO5: Defines the various terms used in mental health	
			nursing and explains the classification of mental	
			disorders	
			CO6: Explain psycho dynamics of maladaptive behavior	
			and discuss the etiological factors,	
			psychopathology of mental disorders	
			CO7: Explain the Principles & standards and the	
			conceptual models of mental health nursing	
			CO8: Describe nature, purpose & process of assessment	
			of mental health status	
			CO9: Identify therapeutic communication techniques	
			and therapeutic relationship; describe therapeutic	
			impasse and its intervention	
			CO10: Explain treatment modalities & therapies used in	
			mental disorders and role of the nurse	
			CO11: Describe the etiology, psychopathology, clinical	
			manifestations, diagnostic criteria & management	
			of patients with Schizophrenia, and other	
			psychotic disorder, mood disorders, neurotic,	

Sl No.	Program	Course	Course outcome	Method of assessment
			stressrelatedandsomatizationdisorders,substanceusedisorders,personality,Sexual &EatingdisordersCO12:Describetheetiologypsychopathology,clinicalmanifestations,diagnosticcriteriaandmanagementofchildhoodandadolescentdisordersincludingmentaldeficiency,	
			 management of organic brain disorders CO13: Identify psychiatric emergencies and carry out crisis intervention CO14: Explain legal aspects applied in mental health settings and describe the model of preventive psychiatry, describes Community Mental health services role of the nurse 	
		Nursing Research and Statistics	 CO1: Describe the concept of research, terms, need and areas of research in Nursing and Explain the steps of research process CO2: Identify and state the research problem, objectives and review the related literature CO3: Describe the research approaches and designs and the sampling process CO4: Describe the methods of data collection. Analyze, interpret and summarize the research data 	Assignments Research Project Sessional exams Model exam University exam

Sl No.	Program	Course	Course outcome	Method of assessment
			CO5: Explain the use of statistics, scales of	
			measurement and graphical presentation of data	
			CO6: Describe the measures of central tendency and	
			variability and methods of correlaton.	
			CO7: Communicate and utilize the research findings	
4.	IV BSc (N)	Obstetric and	CO1: Recognise the trends & issues in midwifery and	Theory and Clinical
		Gynecological	obstetrical nursing and describe the anatomy &	assignments
		Nursing	physiology of female reproductive system	Sessional exams
			CO2: Describe the diagnosis & management of women	Model exams – Theory and
			during antenatal period	Practical
			CO3: Describe the physiology and stages of labour and	University exam – Theory
			the management of women during intra-natal period	and Practical
			CO4: Describe the physiology of puerperium and the management of women during post-natal period	
			CO5: Describe the Identification and management of women with high risk pregnancy	
			CO6: Describe management of abnormal labour and obstetrical emergencies	
			CO7: Describe management of post natal complications	
			CO8: Identify the high risk neonates and their nursing	
			management	
			CO9: Describe indication, dosage, action, side effects	

Sl No.	Program	Course	Course outcome	Method of assessment
			and nurses responsibilities in the administration of	
			drugs used for mothers	
			CO10: Appreciate the importance of family welfare	
			programme	
			CO11: Describe the methods of contraception & role of	
			nurse in family welfare programme	
		Community	CO1: Define Concepts, scope, principles and historical	Theory and Clinical
		Health Nursing	development of community health and community	assignments
		- II	Health nursing	Sessional exams
			CO2: Describe health plans, policies, various health	Model exam – Theory and
			committees and health problems in India	Practical
			CO3: Describe the system of delivery of Community	University exam – Theory
			Health Services in Rural and Urban areas	and Practical
			CO4: List the functions of various levels and their staffing pattern	
			CO5: Explain the components of health services and	
			describe alternative system of health promotion	
			and health maintenance and CO6: describe the	
			chain of referral system	
			CO7: Describe Community Health Nursing approaches,	
			concepts and describe the roles and responsibility	
			of Community Health Nursing Personnel	
			CO8: Describe and appreciate the activities of	

Sl No.	Program	Course	Course outcome	Method of assessment
			community health nurse in assisting individuals	
			and groups to promote and maintain their health	
			CO9: Describe national health and family welfare	
			programmes and role of a nurse and describe the	
			various health schemes in India and explain the	
			roles and functions of various national and	
			international health agencies	
		Management of	CO1: Explain the principles and functions of	Assignments
		Nursing	management and describe the elements and	Sessional exams
		Services and	process of management	Model exam
		Education	CO2: Describe the Management of nursing services in	University exam
			the hospital and community	
			CO3: Describe the concepts, theories and techniques of	
			Organizational behaviour and human relations	
			CO4: Participate in planning, organizing in service	
			education program & describe management of	
			Nursing education institutions	
			CO5: Describe the ethical and legal responsibilities of a	
			professional nurse and nursing practice standards	
			CO6: Explain the various opportunities for professional	
			advancement	

PBBSc Nursing

Sl No.	Program	Course	Course outcome	Method of assessment
1.	I PBBSc(N)	Nursing	CO1: Identify professional aspects of nursing	Theory and Clinical
		Foundation	CO2: Explain theories of nursing.	assignments
			CO3: Identify ethical aspects of nursing profession.	Sessional exams
			CO4: Utilize steps of nursing process.	Model exam – Theory and
			CO5: Identify the role of the nurse in various levels of	Practical
			health services.	University exam – Theory
			CO6: Appreciate the significance of quality assurance	and Practical
			and explain current trends in health and nursing	
		Nutrition and	CO1: Explain the principles and practices of nutrition	Assignment
		dietetics	and dietetics	Nutritional demonstration
			CO2: Plan therapeutic diets in different settings	Sessional exams
			CO3: Identify nutritional needs of different age groups	Model exam
			and plan diet accordingly	University Exam
			CO4: Prepare meals using different methods utilizing cookery rules.	
		Biochemistry	CO1: Identify the basic principles of Biochemistry and	Sessional exams
		and Biophysics	Biophysics.	Model exam
			CO2: Synthesize the knowledge of these principles in various nursing situations.	University exam

Sl No.	Program	Course	Course outcome	Method of assessment
		Psychology	CO1: Apply psychological principles while performing	Assignment
			nursing duties	Sessional exams
			CO2: Distinguish the psychological processes during	Model exam
			health and sickness	University exam
			CO3: Analyze own behavior patterns	
			CO4: Tabulate the psychological needs of the patients	
			for planning nursing care and participate in	
			psychometric assessment of the client.	
		Microbiology	CO1: Identify common disease producing micro -	Assignment
			organisms.	Sessional exams
			CO2: Explain the basic principles of microbiology and	Model exam
			their significance in health and disease.	University exam
			CO3: Demonstrate skill in handling specimens.	
			CO4: Explain various methods of disinfection and sterilization.	
			CO5: Identify the role of the nurse in hospital infection	
			control system.	
		Maternal	CO1: Describe the physiology of pregnancy, labour and	Theory and Clinical
		Nursing	puerperium.	assignments
			CO2: Manage normal pregnancy, labour and	Sessional exams
			puerperium.	Model exams – Theory and
			CO3: Explain the physiology of lactation and advice on	Practical
			management of breast feeding.	University exam – Theory

Sl No.	Program	Course	Course outcome	Method of assessment
			CO4: Be skilled in providing pre and post operative	and Practical
			nursing care in obstetric conditions.	
			CO5: Identify and manage high risk pregnancy including	
			appropriate referrals.	
			CO6: Propagate the concept and motivate acceptance of	
			family planning methods.	
			CO7: Teach, guide and supervise auxilliary midwifery	
			personnel.	
		Child Health	CO1: Explain the modern concept of child care and the	Theory and Clinical
		Nursing	principles of child health nursing	assignments
			CO2: Describe the normal growth and development of	Sessional exams
			children at different ages	Model exam – Theory and
			CO3: Manage sick as well as healthy neonates and	Practical
			children	University exam – Theory
			CO4: Identify various aspects of preventive pediatric	and Practical
			nursing and apply them in providing nursing care	
			to children in hospital and community	
		Medical Surgical	CO1: Explain relevant Anatomy and Physiology of	Theory and Practical
		Nursing	various systems of the body and explain	assignments
			pathophysiology of various diseases	Sessional exams
			CO2: Explain the actions, side effects and nursing	Model exam – Theory and
			implications in administering drugs for various	Practical
			disorders	University exam – Theory

Sl No.	Program	Course	Course outcome	Method of assessment
			CO3: Discuss the recent advancement in the treatment and care of patients with medical surgical conditions	and Practical
			CO4: Develop skill in giving comprehensive nursing care to patients following the steps of nursing process.	
			CO5: Assist the patients and their families in identifying and meeting their own health needs.	
			CO6: Appreciate the role of nurse in the medical surgical health team	
		English	CO1: Ability to speak and write grammatically correct EnglishCO2: Effective skill in reading and reporting and understanding the English language	Sessional exam Final exam (Internal)
2.	II PBBSc (N)	Sociology	 CO1: Describe sociological concepts that are applicable to nursing CO2: Determine the role sociology in nursing as related to social institutions in India CO3: Develop positive attitudes towards individual, family and community 	Assignments Sessional exams Model exam University exam
		Community Health Nursing	CO1: Explain the concept of various factors contributing to health of individual, family and communityCO2: Identify the role of community health nurse	Theory and Clinical assignments Sessional exams

Sl No.	Program	Course	Course outcome	Method of assessment
			CO3: Describe national health care delivery system	Model exam – Theory and
			CO4: Describe epidemiological methods and principles	Practical
			of prevention and control of illness in the	University exam – Theory
			community	and Practical
			CO5: Identify the role of personnel working in the	
			community health set up.	
			CO6: Plan the work of community health nurse and	
			supervise and train health workers	
		Mental Health	CO1: Identify and describe the philosophy and principles	Theory and Clinical
		Nursing	of mental health nursing	assignments
			CO2: Describe the historical development of mental	Sessional exams
			health and psychiatric nursing	Model exam – Theory and
			CO3: Classify mental disorders	Practical
			CO4: Develop skill in history taking and performing	University exam – Theory
			mental status examination	and Practical
			CO5: Describe etiological factors, psycho-pathology,	
			clinical features, diagnostic criteria and treatment	
			methods used for mental disorders	
			CO6: Manage the patients with various mental disorders	
			CO7: Communicate therapeutically with patients and	
			their families	
			CO8: Identify role of the nurse in preventive psychiatry	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO9: Identify the legal aspects in practice of mental	
			health and psychiatric nursing	
		Introduction to	CO1: Describe the philosophy and principles of	Theory and Clinical
		Nursing	education	assignments
		Education	CO2: Explain the teaching learning process	Sessional exams
			CO3: Develop the ability to teach, using various	Model exam
			methods and media	University exam
			CO4: Describe the process of assessment	
			CO5: Describe the administrative aspects of school of	
			nursing	
			CO6: Participate in planning and organizing an in -	
			service education programme	
			CO7: Develop basic skill of counseling and guidance	
		Introduction to	CO1: Identify principles of administration	Assignments
		Nursing Service	CO2: Describe the principles and techniques of	Sessional exams
		Administration	supervision	Model exam
			CO3: Explain the principles and methods of personnel management	University exam
			CO4: Explain the principles of budgeting	
			CO5: Organize and manage a nursing unit effectively	
			CO6: Identify dynamics of organizational behavior,	
			styles and functions of effective leadership	

Sl No.	Program	Course	Course outcome	Method of assessment
		Introduction to	CO1: Define the terms and concepts of nursing research	Assignments
		Nursing	CO2: Identify needs and scope of nursing research	Research Project
		Research and	CO3: Identify and define a research problem	Sessional exams
		Statistics	CO4: Locate and list sources of literature for a specific	Model exam
			study	University exam
			CO5: Describe different research approaches, methods	
			of data collection and sampling techniques with	
			special reference to survey method	
			CO6: Develop tool for data collection	
			CO7: Enumerate steps of data analysis and present data	
			summary in tabular form	
			CO8: Use descriptive and co-relational statistics in data	
			analysis	
			CO9: Conduct a group research project	

MSc Nursing

Sl No.	Program	Course	Course outcome	Method of assessment
1.	I MSc (N)	Nursing	CO1: Explain the aims of education, philosophies, trends	Theory and Clinical
		Education	in education and health: its impact on nursing	assignments
			education.	Sessional exams
			CO2: Describe the teaching learning process & Prepare	Model exam – Theory and
			and utilize various instructional media and	Practical
			methods in teaching learning process.	University exam – Theory
			CO3: Demonstrate competency in teaching, using various instructional strategies.	and Practical
			CO4: Critically analyze the existing nursing educational programs, their problems, issues and future trends.	
			CO5: Describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration.	
			CO6: Plan and conduct continuing nursing education programs.	
			CO7: Critically analyze the existing teacher preparation programs in nursing.	
			CO8: Demonstrate skill in guidance and counseling.	
			CO9: Describe the problems and issues related to	
			administration of nursing curriculum including	

Sl No.	Program	Course	Course outcome	Method of assessment
<u>SI INO.</u>	Program	Course	 selection and organization of clinical experience. CO10: Explain the development of standards and accreditation process in nursing education programs. CO11: Identify research priorities in nursing education. CO12: Discuss various models of collaboration in nursing education and services. CO13: Explain the concept, principles, steps, tools and 	
		Advance	 techniques of evaluation CO14: Construct, administer and evaluate various tools for assessment of knowledge, skill, and attitude. CO1: Appreciate and analyze the development of 	Theory and Clinical
		Nursing Practice	nursing as a profession. CO2: Describe ethical, legal, political and economic aspects of health care delivery and nursing practice.	assignments Sessional exams Model exam University exam
			 CO3: Explain bio- psycho- social dynamics of health, life style and health care delivery system. CO4: Discuss concepts, principles, theories, models, approaches relevant to nursing and their application. CO5: Describe scope of nursing practice and provide 	

Sl No.	Program	Course	Course outcome	Method of assessment
			holistic and competent nursing care following nursing process approach.	
			CO6: Identify latest trends in nursing on the basis of advance nursing practice.	
			CO7: Perform extended and expanded role of nurse.	
			CO8: Describe alternative modalities of nursing care.	
			CO9: Describe the concept of quality control in nursing.	
			CO10:Identify the scope of nursing research.	
			CO11:Use computer in patient care delivery system and nursing practice.	
			CO12: Appreciate importance of self development and professional advancement.	
		Nursing Research and	Nursing Research	Assignments Research Project
		Statistics	CO1: Define basic research terms and concepts and ethics in Nursing Research.	Sessional exams Model exam – Theory and
			CO2: Review literature utilizing various sources.	Practical
			CO3: Describe the various research approaches and designs.	University exam – Theory and Practical
			CO4: Formulate problem statement and develop theoretical / conceptual frame work.	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO5: Use appropriate sampling methods.	
			CO6: Discuss various tools and techniques and Validate the tool.	
			CO7: Conduct a research study, Draw conclusions of the study, Communicate research findings and Utilize research findings	
			CO8: Critically evaluate nursing research studies and Write scientific paper for publication.	
			Statistics	
			CO1: Discuss the basic concepts and scope of statistics related to health and Nursing.	
			CO2: Organize tabulate and present data meaningfully.	
			CO3: Use descriptive statistics to analyze the data.	
			CO4: Describe the probable methods to predict and interpret results.	
			CO5: Use various inferential statistical methods to predict and interpret results	
			CO6: Draw conclusions of the study and predict statistical significance of the results.	
			CO7: Establish reliability and scoring methods of the	
			tool developed.	

Sl No.	Program	Course	Course outcome	Method of assessment
			 CO8: Describe vital health statistics and their use in health related research. CO9: Explain the basic concepts related to statistics. CO10: Use statistical packages by use of computers for 	
			data analysis	
		Clinical Speciality - I Medical Surgical Nursing	 CO1: Appreciate the trends & issues in the field of Medical – Surgical Nursing as a speciality. CO2: Apply concepts & theories related to health promotion. 	
			 CO3: Appreciate the client as a holistic individual. CO4: Perform physical, psychosocial assessment of Medical – Surgical patients. 	
			CO5: Apply Nursing process in providing care to patients.	
			CO6: Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long-term illness.	
			CO7: Recognize and manage emergencies with Medical Surgical patients.	
			CO8: Describe various recent technologies & treatment modalities in the management of critically ill patients.	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO9: Appreciate the legal & ethical issues relevant to Medical Surgical Nursing.	
			CO10:Prepare a design for layout and management of Medical Surgical Units.	
			CO11:Appreciate the role of alternative systems of Medicine in care of patients.	
			CO12:Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical Surgical Nursing.	
			CO13:Recognize the role of Nurse practitioner as a member of the Medical Surgical health team.CO14:Teach Medical Surgical nursing to undergraduate nursing students & in-service nurses.	
		Clinical Speciality - I Obstetric and Gynecological Nursing	 CO1: Appreciate the trends in the field of midwifery, obstetrics and gynecology as a speciality. CO2: Describe the population dynamics and indicators of maternal and child health CO3: Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium. CO4: Provide comprehensive nursing care to women during reproductive period and newborns. 	Theory and Practical assignments Sessional exams Model exam – Theory and Practical University exam – Theory and Practical

Sl No.	Program	Course	Course outcome	Method of assessment
			CO5: Integrate the concepts of family centered nursing	
			care and nursing process approach in obstetric	
			and gynaecological nursing.	
			CO6: Identify and analyze the deviations from normal	
			birth process and refer appropriately.	
			CO7: Describe the pharmacological agents, their	
			effects during pregnancy, child birth,	
			puerperium, lactation and the role of nurse	
			CO8: Counsel adolescents, women and families on	
			issues pertaining to pregnancy, child birth and	
			lactation	
			CO9: Describe the role of various types of	
			complementary and alternative therapies in	
			obstetric and gynaecological nursing.	
			CO10:Incorporate evidence based nursing practice and	
			identify the areas of research in the field of	
			obstetric and gynaecological nursing.	
			CO11:Describe the recent advancement in contraceptive	
			technology and birth control measures	
			CO12: Appreciate the legal and ethical issues pertaining	
			to obstetric and gynaecological nursing	

Sl No.	Program	Course	Course outcome	Method of assessment
		Clinical Speciality - I Child Health (Paediatric Nursing)	 CO1: Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty CO2: Apply the concepts of growth and development in providing care to the pediatric clients and their families. CO3: Appreciate the child as a holistic individual CO4: Perform physical, developmental, and nutritional assessment of pediatric clients CO5: Apply nursing process in providing nursing care to neonates & children CO6: Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long term illness. CO7: Recognize and manage emergencies in neonates CO8: Describe various recent technologies and treatment modalities in the management of high risk neonates CO9: Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing 	Theory and Clinical assignments Sessional exams

Sl No.	Program	Course	Course outcome	Method of assessment
			CO10:Prepare a design for layout and management of	
			neonatal units	
			CO11:Incorporate evidence based nursing practice and	
			identify the areas of research in the field of	
			pediatric/neonatal nursing	
			CO12:Recognize the role of pediatric nurse practitioner	
			and as a member of the pediatric and neonatal	
			health team	
			CO13: Teach pediatric nursing to undergraduate students	
			& in-service nurses	
		Clinical	CO1: Appreciate role of individuals and families in	Theory and Clinical
		Speciality - I	promoting health of the Community.	assignments
		Community	CO2: Appreciate the history and development in the	Sessional exams
		Health Nursing	field of Community Health and Community	Model exam – Theory and
			Health Nursing.	Practical
			CO3: Appreciate legal and ethical issues pertaining to	University exam – Theory
			community health nursing care.	and Practical
			CO4: Participate in planning, implementation and	
			evaluation of various national health and family	
			welfare programmes at local, state and the national	
			level.	
			CO5: Integrate the concepts of family centered nursing	
			approach while providing care to the community.	

 CO6: Apply nursing process approach while providing care to individuals, families, groups and community. CO7: Perform physical, developmental and nutritional assessment of individuals, families and groups. CO8: Participate effectively as a member of Community Health team. CO9: Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people. CO10:Describe the various components of reproductive and child health programme. CO11:Demonstrate leadership and managerial abilities in community health nursing practice. CO12:Apply recent technologies and care modalities while delivering community health nursing care. CO13:Teach community health nursing to undergraduates, in-service nurses and the community health workers. CO14:Coordinate and collaborate with various agencies operating in the community by using inter-sectoral approach.

Sl No.	Program	Course	Course outcome	Method of assessment
			 CO15:Recognize and participate in the management of emergencies, epidemics and disasters. CO16:Apply epidemiological concepts and principles and Community Health Nursing Practice. CO17:Conduct community health nursing care projects. CO18: Incorporate evidence based nursing practice and identify the areas of research in the community settings. 	
		Clinical Speciality - I Mental Health (Psychiatric) Nursing	 CO1: Appreciate the trends and issues in the field of psychiatry and psychiatric nursing. CO2: Explain the dynamics of personality development and human behaviour. CO3: Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing CO4: Demonstrate therapeutic communications skills in all interactions CO5: Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities CO6: Establish and maintain therapeutic relationship with individual and groups 	Theory and Clinical assignments Sessional exams Model exam – Theory and Practical University exam – Theory and Practical

Sl No.	Program	Course	Course outcome	Method of assessment
			CO7: Uses assertive techniques in personal and professional actions	
			CO8: Promotes self-esteem of clients, others and self	
			CO9: Apply the nursing process approach in caring for patients with mental disorders	
			CO10:Describe the psychopharmacological agents, their effects and nurses role	
			CO11:Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team	
			CO12:Describe various types of alternative system of medicines used in psychiatric settings	
			CO13: Incorporate evidence based nursing practice and identifies the areas of research in the field of psychiatric nursing	
2.	II MSc (N)	Nursing	CO1: Describe the philosophy and objectives of the	Theory and Clinical
		Management	health care institutions at various levels.	assignments
			CO2: Identify trends and issues in nursing	Sessional exams Model exam
			CO3: Discuss the public administration, health care administration vis a vis nursing administration	University exam

	Course outcome	Method of assessment
	CO4: Describe the principles of administration applied to nursing	
	CO5: Explain the organization of health and nursing services at the various levels/institutions.	
	CO6: Collaborate and co-ordinate with various agencies by using multisectoral approach	
	CO7: Discuss the planning, supervision and management of nursing workforce for various health care settings.	
	CO8: Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care	
	CO9: Identify and analyze legal and ethical issues in nursing administration	
	CO10: Describe the process of quality assurance in nursing services.	
	CO11: Demonstrate leadership in nursing at various levels	
		nursingCO5: Explain the organization of health and nursing services at the various levels/institutions.CO6: Collaborate and co-ordinate with various agencies by using multisectoral approachCO7: Discuss the planning, supervision and management of nursing workforce for various health care settings.CO8: Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing careCO9: Identify and analyze legal and ethical issues in nursing administrationCO10: Describe the process of quality assurance in nursing services.CO11: Demonstrate leadership in nursing at various

Sl No.	Program	Course	Course outcome	Method of assessment
		Clinical	CO1: Appreciate trends and issues related to cardio	Theory and Clinical
		Speciality - II	vascular and thoracic Nursing.	assignments
		Medical Surgical	CO2: Describe the epidemiology, etiology, Patho-	Sessional exams
		Nursing	physiology and diagnostic assessment of cardio	Model exam – Theory and
		(Cardio Thoracic	vascular and thoracic conditions	Practical
		Nursing)	CO3: Participate in national health programs for health	University exam – Theory
			promotion, prevention and rehabilitation of	and Practical
			patients with cardio vascular and thoracic	
			conditions	
			CO4: Perform physical, psychosocial & spiritual assessment	
			CO5: Assist in various diagnostic, therapeutic and surgical procedures	
			CO6: Apply nursing process in providing comprehensive care to patients with cardio vascular and thoracic conditions	
			CO7: Demonstrate advance skills/competence in managing patients with cardio vascular and thoracic conditions including Advance Cardiac Life Support.	
			CO8: Describe the various drugs used in cardio vascular	
			and thoracic conditions and nurses responsibility	
			CO9: Demonstrate skill in handling various	

Sl No.	Program	Course	Course outcome	Method of assessment
			equipments/gadgets used for critical care of	
			cardio vascular and thoracic patients	
			CO10: Appreciate team work & coordinate activities	
			related to patient care.	
			CO11:Practice infection control measures.	
			CO12:Identify emergencies and complications & take appropriate measures	
			CO13:Discuss the legal and ethical issues in cardio vascular and thoracic nursing	
			CO14:Assist patients and their family to cope with emotional distress, grief, anxiety and spiritual needs.	
			CO15:Appreciate the role of alternative system of medicine in care of patient	
			CO16:Incorporate evidence based nursing practice and identify the areas of research in the field of cardio vascular and thoracic nursing	
			CO17:Identify the sources of stress and manage burnout syndrome among health care providers	
			CO18:Teach and supervise nurses and allied health workers.	
			CO19:Design a layout of ICCU and ICTU and develop	
			standards for cardio vascular and thoracic nursing	

Sl No.	Program	Course	Course outcome	Method of assessment
			practice. Teach and supervise nurses and allied health workers.CO20: Design a layout of ICCU and ICTU and develop standards for cardio vascular and thoracic nursing practice.	
		Clinical Speciality - II Medical Surgical Nursing (Critical Care Nursing)	 CO1: Appreciate trends and issues related to Critical Care Nursing. CO2: Describe the epidemiology, etiology, Pathophysiology and diagnostic assessment of critically ill patients CO3: Describe the various drugs used in critical care and nurses responsibility CO4: Perform physical, psychosocial & spiritual assessment CO5: Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support. CO6: Demonstrate skill in handling various equipments/gadgets used for critical care CO7: Provide comprehensive care to critically ill patients. 	Theory and Clinical assignments Sessional exams Model exam – Theory and Practical University exam – Theory and Practical

Sl No.	Program	Course	Course outcome	Method of assessment
			CO8: Appreciate team work & coordinate activities related to patient care.	
			CO9: Practice infection control measures.	
			CO10:Assess and manage pain.	
			CO11:Identify complications and take appropriate measures.	
			CO12:Discuss the legal and ethical issues in critical care nursing	
			CO13:Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety	
			CO14:Assist in various diagnostic, therapeutic and surgical procedures	
			CO15:Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing	
			CO16:Identify the sources of stress and manage burnout syndrome among health care providers.	
			CO17:Teach and supervise nurses and allied health workers.	
			CO18: Design a layout of ICU and develop standards for critical care nursing practice.	

Clinical Speciality - II Obstetric and Gynecological NursingCO1: Describe the epidemiology, etiology, Patho- physiology and diagnostic assessment of women with obstetric and gynaecological conditions assessmentTheory and Practical assignmentsCO2: Perform physical, psychosocial, cultural & spiritual assessmentSessional examsModel exam - Theory and Practical University exam - Theory and Practical University exam - Theory and Practical university exam - Theory and PracticalCO3: Demonstrate competence in caring for women with obstetrical and gynaecological conditions and counsel women and families.CO4: Demonstrate competence in caring for high risk newborn.Model exam - Theory and Practical University exam - Theory and PracticalCO5: Identify and Manage obstetrical and neonatal emergencies as per protocol.CO6: Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynaecological and neonatal care.CO7: Demonstrate skill in handling various equipments/gadgets used for obstetrical, gynaecological and neonatal careCO8: Design a layout of speciality units of obstetrics and gynecologyCO8: Design a layout of speciality units of obstetrics and gynecology

Sl No.	Program	Course	Course outcome	Method of assessment
			CO9: Develop standards for obstetrical and gynaecological nursing practice.	
			CO10: Teach and supervise nurses and allied health workers.	
			CO11: Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynaecological nursing	
			CO12: Function as independent midwifery nurse practitioner.	
		Clinical	CO1: Apply the nursing process in the care of ill infants	Theory and Clinical
		Speciality - II	to pre adolescents in hospital and community	assignments
		Child Health	CO2: Demonstrate advanced skills/competence in	Sessional exams
		(Paediatric)	nursing management of children with medical	Model exam – Theory and
		Nursing	and surgical problems	Practical
			CO3: Recognize and manage emergencies in children	University exam – Theory
			CO4: Provide nursing care to critically ill children	and Practical
			CO5: Utilize the recent technology and various treatment modalities in the management of high risk children	
			CO6: Prepare a design for layout and describe standards for management of pediatric units/hospitals	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO7: Identify areas of research in the field of pediatric nursing	
		Clinical Speciality - II Mental Health (Psychiatric) Nursing	 CO1: Apply the nursing process in the care of patients with mental disorders in hospital and community CO2: Demonstrate advanced skills/competence in nursing management of patients with mental disorders CO3: Identify and care for special groups like children, adolescents, women, elderly, abused and neglected, people living with HIV/AIDS. CO4: Identify and manage psychiatric emergencies. CO5: Provide nursing care to critically ill patients with 	assignments Sessional exams Model exam – Theory and Practical University exam – Theory
			 CO3. Provide hursing care to critically in patients with mental disorders CO6: Utilize the recent technology and various treatment modalities in the management of patients with mental disorders CO7: Demonstrate skills in carrying out crisis intervention. CO8: Appreciate the legal and ethical issues pertaining to psychiatric nursing. 	

Sl No.	Program	Course	Course outcome	Method of assessment
			CO9: Identify areas of research in the field of psychiatric nursing.	
			 CO10: Prepare a design for layout and describe standards for management of Psychiatric units/emergency units/hospitals CO11: Teach psychiatric nursing to undergraduate students & in-service nurses. 	
		Clinical Speciality - II Community Health Nursing	 CO1: Appreciate trends and issues related to community health Nursing reproductive and child health, school health, Occupational health, international health, rehabilitation, geriatric and mental health. CO2: Apply epidemiological concepts and principles in community health nursing practice CO3: Perform community health assessment and plan health programmes CO4: Describe the various components of Reproductive and child health programme. CO5: Demonstrate leadership abilities in organizing community health nursing services by using intersectoral approach. 	Theory and Clinical assignments Sessional exams Model exam – Theory and Practical University exam – Theory and Practical

Sl No.	Program	Course	Course outcome	Method of assessment
			CO6: Describe the role and responsibilities of	
			community health nurse in various National	
			Health and Family Welfare programmes	
			CO7: Participate in the implementation of various	
			national health and family welfare programme	
			CO8: Demonstrate competencies in providing family	
			centered nursing care independently	
			CO9: Participate/Conduct research for new insights and innovative solutions to health problems	
			CO10: Teach and supervise nurses and allied health workers.	
			CO11: Design a layout of sub center/Primary health	
			center/Community health centre and develop	
			standards for community health nursing practice.	