

Program Outcome & Course Outcome Mapping of all Nursing Programs

B.Sc Nursing PO & CO Mapping

B. Sc NURSING PROGRAMME

Programme Outcome

After completing B. Sc Nursing programme the graduate will be able to;

- PO1.** Apply knowledge of concepts and principles from selected areas of physical, biological, behavioural sciences and medicine in providing nursing care to individuals, families and communities.
- PO2.** Demonstrate skills in providing comprehensive nursing care to patients in the hospital based on nursing process approach.
- PO3.** Demonstrate critical thinking skills in making decisions for providing quality patient care.
- PO4.** Develop effective communication and interpersonal relationship with individuals, groups and members of health team.
- PO5.** Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries.
- PO6.** Develop qualities of a professionally competent member of the health team in meeting promotive, preventive and restorative health needs of the society.
- PO7.** Demonstrate skills in teaching to individuals and groups in the class room, clinical and community health settings.
- PO8.** Demonstrate leadership and managerial skills in clinical and community health settings.
- PO9.** Conduct need based research studies in clinical and community health settings.
- PO10.** Determine the need for continued learning for personal and professional development.

PROGRAM & COURSE OUTCOME MAPPING

COMMUNICATIVE ENGLISH

[illegible]

APPLIED ANATOMY

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO6	Describes anatomical terms and organization of human body	3	3	2	1	2	1	1	1	1	1
CO7	Describes normal human body structure, its application and implications in nursing	3	3	2	1	2	1	1	1	1	1

APPLIED PHYSIOLOGY:

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO8	Describes the basic concepts of human physiology	3	3	2	1	2	1	1	1	1	1
CO9	Describes the normal human physiology its application and implications in nursing	3	3	2	1	2	1	1	1	1	1

APPLIED SOCIOLOGY

[illegible]

PROGRAM & COURSE OUTCOME MAPPING

APPLIED PSYCHOLOGY

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO13	Recognizes fundamentals of psychology, mentalhealth and hygiene.	3	3	3	2	2	2	2	1	1	1
CO14	Explains developmental psychology, personalityand role of nurse in psychological assessments & tests.	3	3	3	2	3	2	2	1	1	1
CO15	Describes Cognitive, emotional and motivational Process.	3	3	3	2	3	2	2	1	1	1
CO16	Explains role of nurse in empowering others & applies soft skills in workplace.	3	3	3	3	3	2	2	1	1	1

NURSING FOUNDATION, I: PROGRAMME OUTCOME AND COURSEOUTCOME MAPPING

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Nursing Foundation I (Theory):											
CO17	Describes Nursing Profession and role of nurse in health and illness	3	3	2	3	3	3	2	2	2	3
CO18	Explains effective oral and written communication in health care settings	2	3	2	3	3	3	2	2	2	1
CO19	Develops skill in performing nursing procedures for patient comfort and safety and assess vital signs by following scientific principles	2	3	2	3	3	3	2	2	2	1
CO20	Develops skill first aid management in emergencies including bandaging	2	3	2	3	3	3	2	2	2	1
Nursing Foundation I (Practical):											
CO21	Demonstrates skill in maintaining records and reports	3	3	3	3	3	3	3	2	2	1
CO22	Demonstrates skill in monitoring and recording vital signs, providing comfort and safety to patients	3	3	3	3	3	3	3	2	2	1
CO23	Provides appropriate health teaching to patient and families	3	3	3	3	3	3	3	2	2	1
CO24	Demonstrates skill in use of PPE	3	3	3	3	3	3	3	2	2	1
CO25	Demonstrates skill in managing first aid emergencies	3	3	3	3	3	3	3	2	2	1

PROGRAM & COURSE OUTCOME MAPPING

APPLIED BIOCHEMISTRY

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO26	Describes the metabolism of carbohydrates, lipids, proteins and hemoglobin	3	3	3	2	2	3	3	2	1	1
CO27	Explains the Clinical Enzymology, different function tests in various disease conditions	3	3	3	2	2	3	3	2	1	1
CO28	Identifies acid base imbalance and interpretations of immunochemistry.	3	3	3	2	2	3	3	2	1	

APPLIED NUTRITION & DIETETICS

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO29	Explains the importance of nutrition for maintaining optimal health at different stages of life.	3	3	3	2	2	3	3	2	2	1
CO30	Describes the classification, functions, sources and recommended daily allowances of Nutrients	3	3	3	2	2	3	3	2	2	1
CO31	Plans various therapeutic diet for diseases, nutritional deficiency disorders	3	3	3	2	2	3	3	2	2	1

PROGRAM & COURSE OUTCOME MAPPING

NURSING FOUNDATION -II

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Nursing Foundation II (Theory):											
CO32	Develops skill in health assessment of patients using nursing process & theories approach	2	3	2	3	3	3	2	2	1	1
CO33	Develops skill in performing nursing procedures to meet nutritional, elimination, hygienic, fluid and electrolyte, sensory and oxygenation needs	2	3	2	2	3	3	2	2	1	1
CO34	Applies knowledge of principles of drug administration	2	3	2	2	3	3	2	2	1	1
CO35	Describes psycho social and care of terminally ill patients needs	2	3	2	2	3	3	2	2	1	1
Nursing Foundation II (Practical):											
CO36	Performs health assessment of patients	2	3	2	2	3	3	2	2	1	1
CO37	Implements nursing procedures to meet nutritional, elimination, hygienic, fluid and electrolyte, sensory and oxygenation needs	2	3	2	2	3	3	2	2	1	1
CO38	Administers drugs orally, topically and parenteral in different routes.	2	3	2	2	3	3	2	2	1	1

HEALTH/NURSING INFORMATICS AND TECHNOLOGY

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO39	Describes computer applications in patient care delivery system	1	2	2	3	2	1	2	2	1	1
CO40	Demonstrates skills in hospital information system and Nursing Information system.	1	2	2	3	2	1	2	2	1	1

PROGRAM & COURSE OUTCOME MAPPING

APPLIED MICROBIOLOGY AND INFECTION CONTROL INCLUDING SAFETY:

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO 41	Explains importance, classification, morphology of Microbes.	3	3	2	1	1	1	3	1	1	1
CO 42	Describes the characteristics of Pathogenic organism.	3	3	2	1	1	1	3	1	1	1
CO 43	Explains the Immunity & Immunization Programme against various diseases	3	3	2	1	1	1	3	1	1	1

SECTION B: INFECTION CONTROL INCLUDING SAFETY

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO 44	Explains Hospital Associated Infections, Disinfection, sterilization, Antibiotic Stewardship & Specimen Collection	3	3	3	2	2	2	1	2	1	1
CO 45	Demonstrates Universal standard Precautions & Biomedical Waste Management	3	3	3	2	2	2	1	2	1	1
CO 46	Describes patient safety in health care Organization	3	3	3	2	2	2	1	2	1	1

PHARMACOLOGY - I

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO 47	Explains Pharmacodynamics, Pharmacokinetics & classification of drug	3	3	3	2	1	3	1	1	1	1
CO48	Describes common antibiotics, drugs used for communicable diseases and nurses responsibilities.	3	3	3	2	1	3	1	1	1	1
CO49	Describes the drugs used in Gastrointestinal, respiratory, cardiovascular endocrine & Integumentary system disorders & nurses responsibilities	3	3	3	2	1	3	1	1	1	1

PROGRAM & COURSE OUTCOME MAPPING

PATHOLOGY I :

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO 50	Describes common terms and pathological deviations in structure and Function of body system.	3	3	3	1	1	1	1	1	1	1
CO51	Illustrates pathological changes in disease conditions of Gastrointestinal, Respiratory, and cardiovascular, Liver, Gallbladder, Pancreas, Skeletal, blood and Endocrine disorders.	3	3	3	1	1	1	1	1	1	1

ADULT HEALTH NURSING - I WITH INTEGRATED PATHOPHYSIOLOGY(including BCLS module)

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 59	Describes nursing management of common signs and symptoms & medical & surgical asepsis.	3	3	3	2	3	3	3	2	1	2
CO 60	Explains Pre, Intra & Post-operative care.	3	3	3	2	3	3	3	2	1	2
CO61	Describes nursing management of hospitalized patients with respiratory, digestive, cardiovascular & blood disorders.	3	3	3	2	3	3	3	2	1	2
CO 62	Describes nursing management of hospitalized patients with endocrine, integumentary, musculoskeletal disorders & communicable diseases.	3	3	3	2	3	3	3	2	1	2
Practical											
CO 63	Demonstrates skill in providing parenteral administration of medication.	3	3	3	2	3	3	3	2	1	2
CO64	Demonstrates skill in Pre, Intra & Post-operative patient care.	3	3	3	2	3	3	3	2	1	2
CO 65	Demonstrates competency in management of patient with respiratory, digestive, cardiovascular, blood endocrine, integumentary, musculoskeletal disorders & Communicable diseases, disorders.	3	3	3	2	3	3	3	2	1	2
CO 66	Demonstrate Skill In Providing Basic Life Support.	3	3	3	2	3	3	3	2	1	2

PROGRAM & COURSE OUTCOME MAPPING

PHARMACOLOGY - II

INCLUDING FUNDAMENTALS OF PRESCRIBING MODULE:

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO 52	Describes the drugs used in ENT, Urinary, Nervous system disorders & Nurses responsibilities.	3	3	3	2	2	3	2	2	1	1
CO 53	Explains drugs used in hormonal disorders, pregnancy, immunization emergency conditions & alternative system of medicine.	3	3	3	2	2	3	2	2	1	1
CO 54	Describes fundamental principles of prescribing.	3	3	3	2	2	3	2	2	1	1

PATHOLOGY II

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
CO 55	Illustrates pathological changes in disease conditions of Renal, Reproductive & nervous disorders.	3	3	3	2	2	3	2	2	1	1
CO 56	Describes the method of sample collection and relevant laboratory investigations for body cavity fluids, Urine & faeces.	3	3	3	2	2	3	2	2	1	1
CO 57	Explains the principles & role of nurses in genetic services.	3	3	3	2	2	3	2	2	1	1
CO 58	Describes the genetic influences on prenatal development of defects, Genetic Testing & services related to genetics.	3	3	3	2	2	3	2	2	1	1

PROGRAM & COURSE OUTCOME MAPPING

ADULT HEALTH NURSING - II WITH INTEGRATED PATHOPHYSIOLOGY

(including Geriatric Nursing and Palliative Care Module):

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 67	Describes nursing management of hospitalized patients with ENT, Eye, Renal, Reproductive burns Neurological disorders.	3	2	3	2	2	3	2	2	1	2
CO 68	Describes nursing management of hospitalized patients with Immunological, oncological, occupational disorders, Emergency and disaster situations.	3	2	3	2	2	3	2	2	1	2
CO69	Explains nursing care of elderly and management of patients in critical care units	3	2	3	2	2	3	2	2	1	2
Practical											
CO 70	Demonstrate competency in management of patient with ENT, Eye, Renal, Reproductive burns Neurological disorders.	3	3	3	2	2	3	2	2	1	2
CO 71	Demonstrate competency in management of patient with Immunological, oncological, occupational disorders, Emergency and disaster situations.	3	3	3	2	2	3	2	2	1	2
CO 72	Demonstrate competency in management of elderly and management of patients in critical care units	3	3	3	2	2	3	2	2	1	2

PROFESSIONALISM, PROFESSIONAL VALUESÐICS INCLUDING BIOETHICS:

[illegible]

PROGRAM & COURSE OUTCOME MAPPING

CHILD HEALTH NURSING - I

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 75	Explains the modern concepts and principles of child health nursing.	3	3	3	3	3	3	2	2	1	2
CO 76	Describes the normal and altered growth and development of children at different age groups.	3	3	3	3	3	3	2	2	1	2
CO 77	Discusses management of new born care & common neonatal problems.	3	3	3	3	3	3	2	2	1	2
CO 78	Develops care plan for hospitalized child with respiratory & Endocrine Diseases.	3	3	3	3	3	3	2	2	1	2
CO 79	Describes management of childhood emergencies.	3	3	3	3	3	3	2	2	1	2
Practical											
CO 80	Assesses Growth & Development of children.	3	3	3	3	3	3	2	2	1	2
CO 81	Provides nursing care to critically ill children.	3	3	3	3	3	3	2	2	1	2
CO 82	Demonstrates competency in caring children with medical & surgical disorders.	3	3	3	3	3	3	2	2	1	2
CO 83	Develops Competency in managing childhood emergencies.	3	3	3	3	3	3	2	2	1	2

MENTAL HEALTH NURSING - I

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 84	Describes the trends, concepts and principles of mental health nursing.	3	3	3	3	3	3	2	2	1	2
CO 85	Describes therapeutic communication techniques in assessing mental health status of patients.	3	3	3	3	3	3	2	2	1	2
CO 86	Determines the treatment modalities and therapies used in mental health disorders.	3	3	3	3	3	3	2	2	1	2
CO 87	Explains the management of patients with neurotic , psychotic and Mood disorders.	3	3	3	3	3	3	2	2	1	2
Practical											
CO 88	Assesses mental health status of patients.	3	3	3	3	3	3	2	2	1	2
CO 89	Demonstrates competency in therapeutic communication techniques	3	3	3	3	3	3	2	2	1	2
CO 90	Provides individual & group psychoeducation.	3	3	3	3	3	3	2	2	1	2
CO 91	Assists for various treatment modalities and therapies used in mental health disorders.	3	3	3	3	3	3	2	2	1	2

PROGRAM & COURSE OUTCOME MAPPING

COMMUNITY HEALTH NURSING - I

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 92	Describes the concept and health care planning at various levels.	3	2	3	3	2	3	2	3	1	1
CO 93	Explains environmental health & sanitation.	3	2	3	3	2	3	2	3	1	1
CO 94	Describes assessment & nursing approaches at community levels.	3	2	3	3	2	3	2	3	1	1
CO 95	Discusses assessment of individuals, families & school children.	3	2	3	3	2	3	2	3	1	1
CO 96	Explains epidemiology and nursing management of common communicable and non-communicable diseases.	3	2	3	3	2	3	3	3	1	1
Practical											
CO 97	Identifies health determinants in rural & urban community.	3	2	3	3	2	3	2	3	1	1
CO 98	Assesses various age groups to promote & maintain health.	3	2	3	3	2	3	2	3	1	1

EDUCATION TECHNOLOGY/NURSING EDUCATION

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 99	Describes the foundation of education technology, Principles of teaching learning Process, Value based Education, guidance & counselling.	1	1	1	3	2	2	3	2	1	3
CO 100	Develops skill in preparation of lesson plan.	1	1	1	3	2	2	3	2	1	3
CO 101	Demonstrates teaching skills in the classroom, clinical and community setting using various educational media.	1	1	1	3	2	2	3	2	1	3
CO 102	Prepares various tools for assessment of knowledge, attitude and skill.	1	1	1	3	2	2	3	2	1	3

INTRODUCTION TO FORENSIC NURSING & INDIAN LAWS

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 103	Explains the concepts of Forensic Science & Forensic Nursing.	3	2	2	1	2	3	2	2	1	1
CO 104	Describes the role of forensic team & Forensic nurse.	3	2	2	1	2	3	2	2	1	1
CO 105	Identifies Fundamental rights and Indian Judicial System Laws related to forensic Science.	3	2	2	1	2	3	2	2	1	1

PROGRAM & COURSE OUTCOME MAPPING

CHILD HEALTH NURSING - II

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 106	Develops care plan for hospitalized child with cardiovascular, Genito urinary, Gastrointestinal, nervous, Orthopedic, eye, ear, skin disorders & communicable disorders.	3	3	3	3	2	3	3	2	1	1
CO 107	Determines management of children with behavioral and social problems.	3	3	3	3	2	3	3	2	1	1
Practical											
CO 108	Provides care for hospitalized child with Cardiovascular, Genito-urinary, Gastrointestinal, Nervous, Eye, Ear & Skin disorders	3	3	3	3	2	3	3	2	1	1
CO 109	Demonstrates competency in managing children with Orthopedic disorders & Communicable diseases.	3	3	3	3	2	3	3	2	1	1
CO 110	Demonstrates skills in educating & counselling parents.	3	3	3	3	2	3	3	2	1	1

MENTAL HEALTH NURSING - II

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 111	Determines the management of patients with substance abuse, personality and sexual disorders.	3	3	3	3	3	3	2	2	1	1
CO 112	Explains the management of patients behavioural, emotional and organic brain disorders.	3	3	3	3	3	3	2	2	1	1
CO 113	Describes Psychiatric Emergencies, Crisis intervention & legal issues in mental health nursing.	3	3	3	3	3	3	2	2	1	1
CO 114	Explains community mental health services.	3	3	3	3	3	3	2	2	1	1
Practical											
CO 115	Demonstrates competency in providing family psychoeducation	3	3	3	3	3	3	2	2	1	1
CO 116	Demonstrates skill in care of patients at de-addiction center.	3	3	3	3	3	3	2	2	1	1

PROGRAM & COURSE OUTCOME MAPPING

NURSING MANAGEMENT & LEADERSHIP

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 117	Describes the trends of nursing service & basic management principles applied to nursing.	2	2	2	3	3	2	2	3	1	3
CO 118	Describes the management of nursingservices in hospital and community.	2	2	2	3	3	2	2	3	1	3
CO 119	Explains administrative functioning ofnursing education institutions.	2	2	2	3	3	2	2	3	1	3
CO 120	Discusses ethical and legal responsibilities of a professional nurse	2	2	2	3	3	2	2	3	1	3

MIDWIFERY/OBSTETRIC & GYNAECOLOGY NURSING I

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 121	Recognizes the concept of midwiferyand obstetrical nursing.	3	3	3	3	3	3	3	2	1	1
CO 122	Describes assessment and management of women during antenatal, intra natal and postnatal period along with their neonates.	3	3	3	3	3	3	3	2	1	1
CO 123	Determines the role of nurse in family welfare programmes.	3	3	3	3	3	3	3	2	1	1
Practical											
CO 124	Provides comprehensive care to women during antenatal period.	3	3	3	3	3	3	3	2	1	1
CO 125	Demonstrates competency in providing comprehensive care to women during intranatal period.	3	3	3	3	3	3	3	2	1	1
CO 126	Provides comprehensive care to womenduring post-natal period.	3	3	3	3	3	3	3	2	1	1

PROGRAM & COURSE OUTCOME MAPPING

COMMUNITY HEALTH NURSING - II

Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10
Theory											
CO 127	Identifies management of common illness and emergencies including firstaid	3	3	2	3	2	3	2	2	1	1
CO 128	Describes management of maternal, newborn, child care, and reproductive health including adolescent care in community settings	3	3	2	3	2	3	2	2	1	1
CO 129	Explains the concepts of demography,population and its Control, Health management information system	3	3	2	3	2	3	2	2	1	1
CO 130	Discusses preventive measures andprimary care for older and mental ill adults.	3	3	2	3	2	3	2	2	1	1
CO131	Determines various roles of nurse in national health and family welfare programmes and various other health agencies.	3	3	2	3	2	3	2	2	1	1
CO 132	Develops skill in Disaster and Biomedical waste management	3	3	2	3	2	3	2	2	1	1
Practical											
CO 133	Demonstrates competency in screening ,diagnosing and referring clients with common illness and emergencies.	3	3	3	3	2	2	2	2	1	1
CO 134	Demonstrates skills in organizing healthcamp in community	3	3	3	3	2	2	2	2	1	1

NURSING RESEARCH & STATISTICS

[illegible]

MIDWIFERY/OBSTETRIC & GYNAECOLOGY NURSING II

Course Outcomes		P01	P02	P03	P04	P05	P06	P07	P08	P09	P010
Theory											
CO 139	Recognizes management of women with high risk pregnancy & postnatal complications.	3	3	3	3	3	3	2	2	1	1
CO140	Explains management of abnormal labor.	3	3	3	3	3	3	2	2	1	1
CO 141	Recognizes management of high risk new born.	3	3	3	3	3	3	2	2	1	1
CO 142	Develops plan of care for management of gynecological disorders.	3	3	3	3	3	3	2	2	1	1
Practical											
CO 143	Demonstrates competency in managing women with high risk pregnancy and post-natal complications.	3	3	3	3	3	3	2	2	1	1
CO144	Demonstrates competency in managing abnormal labor.	3	3	3	3	3	3	2	2	1	1
CO 145	Demonstrates competency in assessment and management of high risk new born.	3	3	3	3	3	3	2	2	1	1
CO 146	Demonstrates competency in assessment and management of gynecological disorders.	3	3	3	3	3	3	2	2	1	1

INTERNSHIP

[illegible]

P.B.B.Sc Nursing PO & CO Mapping

POST BASIC B.Sc NURSING

PROGRAMME OUTCOME

After completing Post Basic B.Sc Nursing programme, the graduate will be able to;

PO1. Assess health status and identify nursing needs.

PO2. Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities

PO3. Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas.

PO4. Demonstrate leadership qualities, managerial skills and decision making abilities in various situations.

PO5. Participate in research activities and utilize research findings in improving nursing practice.

PO6. Recognize the need for continued learning for their personal and professional development

FIRST YEAR POST BASIC B.Sc NURSING
Nursing foundations

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO1	Develop desirable attitude to ethics and professional conduct	1	1	1	1	1	1
CO2	Identify professional aspects of nursing and utilize the steps of nursing process in giving care to the patients	2	3	2	1	1	1
CO3	Appreciates the significance of quality assurance on nursing.	1	2	3	2	2	2
CO4	Develop an understanding of the theories and models of nursing practice.	1	2	2	2	2	2
CO5	Explain current trends in health and nursing and identifies the role of nurse in various levels of health services	1	2	2	2	2	2

Biochemistry and Biophysics

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO6	Describe the principles of biochemistry and biophysics related to nursing	1	1	2	1	1	1
CO7	Synthesize the knowledge of these principles in various nursing situations	1	2	2	1	1	1

Psychology

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO8	Apply psychological principles while performing nursing duties.	2	2	2	3	1	1
CO9	Distinguishing psychological processes during health and sickness.	2	3	3	2	1	1
CO10	Participate in psychological assessment of client	2	3	2	3	2	2
CO11	Applies the theoretical concepts in the clinical settings and understands the psychodynamics of patient behaviour.	2	3	3	2	2	2
CO12	Develop an insight into one's own behaviour patterns	2	2	1	2	1	1

Maternal Nursing

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO13	Describe the physiology of pregnancy, labour and puerperium	2	2	2	1	1	1
CO14	Manage normal pregnancy, labour and puerperium, also explains the physiology of lactation and advice on management of breast feeding.	2	2	2	2	2	2
CO15	Identify and manage high risk pregnancy.	3	2	2	3	2	2
CO16	Provide pre and post-operative nursing care inn obstetric conditions.	3	2	2	2	2	2
CO17	Teach, guide and supervise auxiliary midwifery personnel and propagate the concept and motivate acceptance of family planning methods	1	2	2	3	3	3

Child Health Nursing

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO18	Explain the modern concept in child care and principles of child health nursing.	3	2	2	1	1	1
CO19	Describe the normal growth and development of children in various age groups	3	2	2	2	2	2
CO20	Identify the various preventive, promotive and rehabilitative aspects of child care and apply them in providing nursing care to children in the hospital and in the community	2	3	2	2	2	2

Medical Surgical Nursing

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO21	Explain relevant anatomy and physiology of various systems of the body	2	2	2	1	1	1
CO22	Explain pathophysiology of various disorders	1	3	3	1	1	1
CO23	Discuss the treatment, recent advancements and care of patients with medical surgical conditions	2	3	3	3	2	3
CO24	Develop skill in giving comprehensive nursing care to patients using nursing process	2	3	3	2	2	1
CO25	Appreciate the role of nurse in medical surgical health team.	1	3	3	2	2	1

Microbiology

PROGRAM & COURSE OUTCOME MAPPING

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO26	Identify common disease producing microorganisms	3	2	2	1	1	1
CO27	Explain basic principles of microbiology and its significance in health and disease.	2	2	2	1	1	1
CO28	Explain various methods of sterilization and disinfection and the role of nurse in hospital infection control system	1	2	2	2	2	2

Nutrition And Dietetics

PROGRAM & COURSE OUTCOME MAPPING

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO29	Explain the principles and practice of nutrition and dietetics	2	2	2	2	1	1
CO30	Plan therapeutic diet in different settings.	2	3	2	2	1	1
CO31	Identify nutritional needs of different age groups and plan diet accordingly	2	2	2	1	1	2
CO32	Prepare meals using different methods utilizing cookery rules	2	2	3	1	1	1

SECOND YEAR POST BASIC B.Sc. NURSING

PROGRAM & COURSE OUTCOME MAPPING

Sociology

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO33	Describe sociological concepts applicable to nursing	1	2	1	1	1	1
CO34	Determine the role of sociology in nursing as related to social institutes in India	1	2	2	1	1	1
CO35	Develop positive attitude towards individual, family and community.	1	2	2	1	1	1

Community Health Nursing

PROGRAM & COURSE OUTCOME MAPPING

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO36	Explain the concept of various factors contributing the health of individual, family and community	1	3	2	2	1	1
CO37	Describe national health care delivery system.	1	1	1	1	2	2
CO38	Describe epidemiological methods and principles of prevention and control of illness in the community	1	2	1	1	2	1
CO39	Identify the role of community health nurse, plan the work of community health nurse and supervise the health workers	1	2	2	2	2	1

Mental Health Nursing

PROGRAM & COURSE OUTCOME MAPPING

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO40	Identify and describe the philosophy and principles of mental health nursing	2	1	1	1	1	1
CO41	Develop skills in history taking and performing mental status examination.	3	2	2	1	1	1
CO42	Describe etiological factors, psychopathology, clinical features, diagnostic criteria and treatment methods used for mental disorders.	2	2	1	1	1	1
CO43	Manage the patients with various mental disorders and communicate therapeutically with the patients and their families.	2	2	2	2	1	1
CO44	Identify the legal aspects in practice of mental health nursing and role of a nurse in preventive psychiatry.	1	1	1	2	2	1

PROGRAM & COURSE OUTCOME MAPPING

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO45	Describe the philosophy and principles of education	1	1	2	1	1	1
CO46	Develop the ability to teach using teaching learning process	1	1	1	1	2	2
CO47	Participate in planning and organizing an in-service education programme	1	2	1	1	1	1
CO48	Describe the process of assessment	2	2	1	1	1	1
CO49	Develop skills in counselling and guidance	1	1	3	2	1	1

PROGRAM & COURSE OUTCOME MAPPING

Program Outcomes		Assess health status and identify nursing needs	Plan, implement and evaluate nursing care for patients that contribute to health of individuals, families and communities	Demonstrate skills based on concepts and principles on nursing from selected physical, biological and behavioural areas	Demonstrate leadership qualities, managerial skills and decision making abilities in various situations	Participate in research activities and utilize research findings in improving nursing practice	Recognize the need for continued learning for their personal and professional development
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO50	Identify the principles of administration and supervision	1	1	2	1	1	1
CO51	Explain the principles and methods of personnel management and budgeting	1	1	2	2	1	1
CO52	Organize and manage a nursing unit effectively	1	2	2	3	1	1
CO53	Identify dynamics of organizational behaviour, styles and functions of effective leadership	1	1	1	3	2	1

M.Sc Nursing
PO & CO Mapping
- Critical Care Nursing

M.Sc. NURSING PROGRAMME

PROGRAMME OUTCOME

After completing the M.Sc. Nursing Programme, the graduate will be able to;

- PO1:** Apply the concepts, theories and principles of nursing science in practice.
- PO2:** Practice leadership qualities and function effectively as nurse educator and manager.
- PO3:** Conduct nursing research, interpret, communicate and utilize the research findings.
- PO4:** Develop collaborative relationship with members of multidisciplinary team.
- PO5:** Appraise the need for continued learning for personal and professional advancement.
- PO6:** Develop competency to function as a specialised nurse in providing holistic care to patients.

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME

First Year M.Sc. Medical Surgical Nursing – (Critical Care Nursing)

Advance Nursing Practice

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO1	:	Explains the development and scope of nursing profession including extended and expanded role of nursing.	1	1	1	1	3	2
CO2	:	Describes ethical, legal, political and economic aspects of health care delivery system.	3	3	3	3	3	3
CO3	:	Explains competent nursing care following nursing process approach in health care delivery system	3	3	3	3	3	3
CO4	:	Applies principles, theories, models and approaches relevant to nursing and their application.	3	3	3	3	3	3
CO5	:	Determines latest trends in nursing in advanced nursing practices and its importance in professional advancement.	2	2	2	2	3	2
CO6	:	Uses computer in patient care delivery system.	2	2	2	3	2	2

PROGRAM & COURSE OUTCOME MAPPING

Nursing Education

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO7	:	Describes the aims, philosophies and trends in Nursing Education.	1	1	1	1	3	1
CO8	:	Demonstrates competency in preparing various instructional media and methods for teaching learning process.	3	3	3	2	2	2
CO9	:	Develops competency in curriculum preparation and its implementation.	3	1	1	1	1	1
CO10	:	Explains the process of accreditation in nursing education.	1	1	1	1	1	1
CO11	:	Demonstrates skill in curriculum evaluation in all domains using various assessment tools.	1	1	1	1	1	1

PROGRAM & COURSE OUTCOME MAPPING

Nursing Research & Statistics

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO12	:	Explains the Research process.	1	1	3	1	1	1
CO13	:	Demonstrates skill in conducting independent research projects.	1	1	3	1	2	2
CO14	:	Reports research finding through paper presentation and publications.	2	2	2	2	2	2
CO15	:	Computes the data and interpret the results.	2	2	2	2	2	2

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Medical Surgical Nursing (Critical Care Nursing)-Theory

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO16	:	Describes the historical development, concepts, principles and trends in Medical Surgical Nursing.	2	2	2	2	2	3
CO17	:	Describes the physical assessment of patients in the hospital and community settings.	2	2	2	2	2	3
CO18	:	Identifies the comprehensive care to the patients admitted with physiological alterations in Gastrointestinal, Neurological, Cardiac, Pulmonary, Nephrology, Blood and Endocrine, disorders	2	2	2	2	2	3
CO19	:	Explains comprehensive care to the patients admitted with physiological alterations in Skin, ENT, Reproductive Disorders, Geriatric Problems, Communicable Diseases and Emergency Conditions.	2	2	2	2	2	3

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Medical Surgical Nursing (Critical Care Nursing)-Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO20	:	Demonstrates skill in physical assessment of patients in the hospital.	3	3	3	3	3	3
CO21	:	Demonstrates skill in providing comprehensive care to the patients admitted with physiological alterations in Gastrointestinal, Neurological, Cardiac, Pulmonary, Nephrology, Blood and Endocrine, disorders	3	3	3	3	3	3
CO22	:	Demonstrates skill in providing comprehensive care to the patients admitted with physiological alterations in Skin, ENT, Reproductive Disorders, Geriatric Problems, Communicable Diseases and Emergency Conditions.	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME

Second Year M.Sc. Medical Surgical Nursing – (Critical Care Nursing)

Nursing Management

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO23	:	Discusses the principles of nursing administration.	2	2	3	1	1	1
CO24	:	Describes legal and ethical issues in nursing management.	1	2	3	1	1	1
CO25	:	Establishes interpersonal relationship with other health team members for management of hospital nursing services.	1	1	1	3	2	1
CO26	:	Applies the principles of nursing administration in managing resources in the hospital.	1	1	1	3	2	1

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II : Medical Surgical Nursing (Critical Care Nursing)-Theory

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO27	:	Explains concepts, principles, quality standards and trends related to critical care nursing.	2	3	2	2	2	2
CO28	:	Identifies various drugs to critically ill patients including pain management.	2	3	2	2	2	2
CO29	:	Describes comprehensive care to patients with Obstetrical, Neonatal and Paediatric emergencies.	2	2	2	3	2	2

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II : Medical Surgical Nursing (Critical Care Nursing)-Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO30	:	Administers various drugs to critically ill patients including pain management.	2	2	2	2	2	3
CO31	:	Demonstrates skills in providing holistic care to critically ill patients.	3	2	2	2	2	3
CO32	:	Demonstrates comprehensive care to patients with Obstetrical, Neonatal and Paediatric emergencies.	2	2	2	2	2	3

M.Sc Nursing
PO & CO Mapping
- OBGY Nursing

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME First Year M.Sc. Obstetrics and Gynaecological Nursing

Advance Nursing Practice

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Praise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO1	:	Explains the development and scope of nursing profession including extended and expanded role of nursing.	1	1	1	1	3	2
CO2	:	Describes ethical, legal, political and economic aspects of health care delivery system.	3	3	3	3	3	3
CO3	:	Explains competent nursing care following nursing process approach in health care delivery system	3	3	3	3	3	3
CO4	:	Applies principles, theories, models and approaches relevant to nursing and their application.	3	3	3	3	3	3
CO5	:	Determines latest trends in nursing in advanced nursing practices and its importance in professional advancement.	2	2	2	2	3	2

PROGRAM & COURSE OUTCOME MAPPING

CO6	:	Uses computer in patient care delivery system.	2	2	2	3	2	2
-----	---	--	---	---	---	---	---	---

Nursing Education

Program Outcomes			apply the concepts, theories and principles of nursing science in practice	practice leadership qualities and function effectively as nurse educator and manager	conduct nursing research, interpret, communicate and utilize the research findings	develop collaborative relationship with members of multidisciplinary team.	praise the need for continued learning for personal and professional advancement.	develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO7	:	Describes the aims, philosophies and trends in Nursing Education.	1	1	1	1	3	1
CO8	:	Demonstrates competency in preparing various instructional media and methods for teaching learning process.	3	3	3	2	2	2
CO9	:	Develops competency in curriculum preparation and its implementation.	3	1	1	1	1	1
CO10	:	Explains the process of accreditation in nursing education.	1	1	1	1	1	1
CO11	:	Demonstrates skill in curriculum evaluation in all domains using various assessment tools.	1	1	1	1	1	1

PROGRAM & COURSE OUTCOME MAPPING

Nursing Research & Statistics

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Praise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO12	:	Explains the Research process.	1	1	3	1	1	1
CO13	:	Demonstrates skill in conducting independent research projects.	1	1	3	1	2	2
CO14	:	Reports research finding through paper presentation and publications.	2	2	2	2	2	2
CO15	:	Computes the data and interpret the results.	2	2	2	2	2	2

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Obstetrics and Gynaecological Nursing -Theory

Program Outcomes			apply the concepts, theories and principles of nursing science in practice	exhibit leadership qualities and function effectively as nurse educator and manager	conduct nursing research, interpret, communicate and utilize the research findings	develop collaborative relationship with members of multidisciplinary team.	praise the need for continued learning for personal and professional advancement.	develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO16	:	Explains the historical development, concepts, trends, pharmacological management, legal and ethical issues in Midwifery, Obstetrics and Gynecological Nursing.	3	1	2	2	2	2
CO17	:	Describes the assessment & management of women during reproductive period, Antenatal & Intra natal period along with their new born.	1	1	1	1	1	3
CO18	:	Devises the management of women during postnatal period along with their new-born and recent advancement in contraceptive technology.	2	2	2	2	2	3
CO19	:	Elaborates the Obstetrics & Gynaecology problems and its management	2	2	2	2	2	3

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Obstetrics and Gynecological Nursing -Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Praise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO20	:	Demonstrates skills in assessment of women during Antenatal, Intra natal & Postnatal period along with their new born.	1	1	1	1	1	3
CO21	:	Practices competency in providing comprehensive family centered care during reproductive period, Antenatal, Intra natal, Postnatal & menopausal period.	1	1	1	1	1	3

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME Second Year M.Sc. Obstetrics & Gynaecological Nursing

Nursing Management

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO2	:	Discusses the principles of nursing	2	2	3	1	1	1

PROGRAM & COURSE OUTCOME MAPPING

		administrati on.						
CO2 3	:	Describes legal and ethical issues in nursing managemen t.	1	2	3	1	1	1
CO2 4	:	Establishes interpersona l relationship with other health team members for managemen t of hospital nursing services.	1	1	1	3	2	1
CO2 5	:	Applies the principles of nursing administrati on in managing resources in the hospital.	1	1	1	3	2	1

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II : Obstetrics and Gynaecological Nursing-Theory

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Praise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO26	:	Explains the assessment & management of high-risk women during Antenatal period & Postnatal period along with their newborn	2	2	2	2	2	3
CO27	:	Describes assessment & management of abnormal labour and obstetrical emergencies	1	1	1	2	2	3
CO28	:	Recognizes the comprehensive care to women during gynecological problems.	1	1	2	2	2	3
CO29	:	Explains the norms, quality standards, education & training in Obstetrics & Gynecological care	1	1	1	1	1	3

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II : Obstetrics and Gynecological Nursing -Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Praise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO 30	:	Demonstrates skills in assessment and management of high-risk women during Antenatal, Intra natal & Postnatal period along with their new born.	1	1	1	1	1	3
CO 31	:	Practices competence in caring for women with obstetrical and Gynaecological problems	1	1	1	1	2	3
CO 32	:	Prepares competence in training the staffs in obstetrics & Gynecological care.	1	2	2	2	2	3

M.Sc Nursing
PO & CO Mapping
- Child Health Nursing

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME First Year M.Sc. Child Health Nursing

Advance Nursing Practice

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO1	:	Explains the development and scope of nursing profession including extended and expanded role of nursing.	1	1	1	1	3	2
CO2	:	Describes ethical, legal, political and economic aspects of health care delivery system.	3	3	3	3	3	3
CO3	:	Explains competent nursing care following nursing process approach in health care delivery system	3	3	3	3	3	3
CO4	:	Applies principles, theories, models and approaches relevant to nursing and their application.	3	3	3	3	3	3
CO5	:	Determines latest trends in nursing in advanced nursing practices and its importance in professional advancement.	2	2	2	2	3	2
CO6	:	Uses computer in patient care delivery system.	2	2	2	3	2	2

PROGRAM & COURSE OUTCOME MAPPING

Nursing Education

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO7	:	Describes the aims, philosophies and trends in Nursing Education.	1	1	1	1	3	1
CO8	:	Demonstrates competency in preparing various instructional media and methods for teaching learning process.	3	3	3	2	2	2
CO9	:	Develops competency in curriculum preparation and its implementation.	3	1	1	1	1	1
CO10	:	Explains the process of accreditation in nursing education.	1	1	1	1	1	1
CO11	:	Demonstrates skill in curriculum evaluation in all domains using various assessment tools.	1	1	1	1	1	1

PROGRAM & COURSE OUTCOME MAPPING

Nursing Research & Statistics

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO12	:	Explains the Research process.	1	1	3	1	1	1
CO13	:	Demonstrates skill in conducting independent research projects.	1	1	3	1	2	2
CO14	:	Reports research finding through paper presentation and publications.	2	2	2	2	2	2
CO15	:	Computes the data and interpret the results.	2	2	2	2	2	2

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Child Health (Paediatric) Nursing -Theory

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO16	:	Describes the historical development, concepts, principles, Trends, legal and ethical issues in child health (Pediatric) Nursing including preventive Pediatrics.	3	2	2	2	2	2
CO17	:	Explains Growth and development and physical assessment of child in hospital and community setting.	2	2	2	2	2	3
CO18	:	Describes Principles and practices of Nursing care for hospitalized child and family and management of common behavioral problems.	2	2	2	2	2	3
CO19	:	Plans Prenatal and Neonatal Nursing management in normal and high-risk including Embryology and fetal development.	2	2	2	2	2	3

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Child Health (Paediatric) Nursing -Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialized nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO20	:	Demonstrates skill in assessment of growth and development and identification of special needs of child from conception till adolescence.	2	2	2	2	2	3
CO21	:	Practices competency in providing family centered comprehensive child care for infant, toddler, preschooler, schooler and adolescent age group.	1	1	1	1	1	3

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME Second Year M.Sc. Child Health Nursing

Nursing Management

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO22	:	Discusses the principles of nursing administration.	2	2	3	1	1	1
CO23	:	Describes legal and ethical issues in nursing management.	1	2	3	1	1	1
CO24	:	Establishes interpersonal relationship with other health team members for management of hospital nursing services.	1	1	1	3	2	1
CO25	:	Applies the principles of nursing administration in managing resources in the hospital.	1	1	1	3	2	1

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II : Child Health (Paediatric) Nursing -Theory

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO26	:	Recites current Principles, Practices, trends, administration and management of pediatric care.	3	2	2	2	2	2
CO27	:	Summarizes pathophysiology, assessment, diagnostic test, treatment modalities and nursing interventions in child with Medical and Surgical disorders	2	2	2	2	2	3
CO28	:	Elaborates management of High-risk Newborn and pediatric emergencies	2	2	2	2	2	3
CO29	:	Describes Nursing management of challenged child, developmental disturbance in children and crisis interventions in terminally ill child.	2	2	2	2	2	3

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II: Child Health (Paediatric) Nursing -Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO 30	:	Demonstrates competency in assessment and management of child with medical and surgical disorders	2	2	2	2	2	3
CO31	:	Practices competency in assessment and management of High-risk newborn, child with pediatric emergencies, challenged child, developmental disorder and terminally ill child.	2	2	2	2	2	3
CO 32	:	Develops competency in criteria for drug dosage calculation, Administration, training and educating nurses in paediatric unit.	2	2	2	2	2	3

M.Sc Nursing
PO & CO Mapping
- Mental Health Nursing

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME First Year M.Sc. Mental Health Nursing

Advance Nursing Practice

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO1	:	Explains the development and scope of nursing profession including extended and expanded role of nursing.	1	1	1	1	3	2
CO2	:	Describes ethical, legal, political and economic aspects of health care delivery system.	3	3	3	3	3	3
CO3	:	Explains competent nursing care following nursing process approach in health care delivery system	3	3	3	3	3	3
CO4	:	Applies principles, theories, models and approaches relevant to nursing and their application.	3	3	3	3	3	3
CO5	:	Determines latest trends in nursing in advanced nursing practices and its importance in professional advancement.	2	2	2	2	3	2
CO6	:	Uses computer in patient care delivery system.	2	2	2	3	2	2

PROGRAM & COURSE OUTCOME MAPPING

Nursing Education

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO7	:	Describes the aims, philosophies and trends in Nursing Education.	1	1	1	1	3	1
CO8	:	Demonstrates competency in preparing various instructional media and methods for teaching learning process.	3	3	3	2	2	2
CO9	:	Develops competency in curriculum preparation and its implementation.	3	1	1	1	1	1
CO10	:	Explains the process of accreditation in nursing education.	1	1	1	1	1	1
CO11	:	Demonstrates skill in curriculum evaluation in all domains using various assessment tools.	1	1	1	1	1	1

PROGRAM & COURSE OUTCOME MAPPING

Nursing Research & Statistics

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO12	:	Explains the Research process.	1	1	3	1	1	1
CO13	:	Demonstrates skill in conducting independent research projects.	1	1	3	1	2	2
CO14	:	Reports research finding through paper presentation and publications.	2	2	2	2	2	2
CO15	:	Computes the data and interpret the results.	2	2	2	2	2	2

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Mental Health Nursing -Theory

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO16	:	Describes the trends, concepts & principles of mental health nursing.	3	2	2	2	2	1
CO17	:	Explains the characteristics of personality development & human behaviour	1	2	1	1	2	1
CO18	:	Interprets and maintain therapeutic relationship with individuals & groups	1	2	1	1	1	1
CO19	:	Plans the various treatment modalities and therapies involved to treat mental disorders	1	1	1	1	1	3

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Mental Health Nursing -Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO20	:	Sketches mental health status of the patient.	2	2	2	2	1	2
CO21	:	Applies assertive technique in personal and professional action.	2	2	2	2	2	2
CO22	:	Practices the role of psychiatric nurse in various therapeutic modalities	3	3	3	3	3	3
CO23	:	Uses evidence – based nursing practice in the areas of research related to psychiatric nursing	2	2	3	2	2	2

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME Second Year M.Sc. Mental Health Nursing

Nursing Management

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO24	:	Discusses the principles of nursing administration.	2	2	3	1	1	1
CO25	:	Describes legal and ethical issues in nursing management.	1	2	3	1	1	1
CO26	:	Establishes interpersonal relationship with other health team members for management of hospital nursing services.	1	1	1	3	2	1
CO27	:	Applies the principles of nursing administration in managing resources in the hospital.	1	1	1	3	2	1

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II : Mental Health Nursing-Theory

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO28	:	Describes psychiatric emergencies, crisis intervention & legal issues and treatment modalities for mental disorder patients.	2	2	2	2	2	3
CO29	:	Analyzes the management of patient with behavioral emotional, organic brain disorders, substance abuse, personality & sexual disorders	2	2	2	2	2	3
CO30	:	Explains the management of patient with neurotic psychotic & mood disorders.	2	2	2	2	2	3
CO31	:	Plans care for the vulnerable population.	2	2	2	2	2	3

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II : Mental Health Nursing -Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO32	:	Demonstrates skills in crisis intervention.	2	2	2	2	2	3
CO33	:	Applies nursing process in the care of patients with mental disorders in hospital and community.	2	2	2	2	2	3
CO34	:	Practices advanced competence in nursing management of patients with mental disorders	2	2	2	2	2	3

M.Sc Nursing
PO & CO Mapping
- Community Health Nursing

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME First Year M.Sc. Community Health Nursing

Advance Nursing Practice

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO1	:	Explains the development and scope of nursing profession including extended and expanded role of nursing.	1	1	1	1	3	2
CO2	:	Describes ethical, legal, political and economic aspects of health care delivery system.	3	3	3	3	3	3
CO3	:	Explains competent nursing care following nursing process approach in health care delivery system	3	3	3	3	3	3
CO4	:	Applies principles, theories, models and approaches relevant to nursing and their application.	3	3	3	3	3	3
CO5	:	Determines latest trends in nursing in advanced nursing practices and its importance in professional advancement.	2	2	2	2	3	2
CO6	:	Uses computer in patient care delivery system.	2	2	2	3	2	2

PROGRAM & COURSE OUTCOME MAPPING

Nursing Education

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO7	:	Describes the aims, philosophies and trends in Nursing Education.	1	1	1	1	3	1
CO8	:	Demonstrates competency in preparing various instructional media and methods for teaching learning process.	3	3	3	2	2	2
CO9	:	Develops competency in curriculum preparation and its implementation.	3	1	1	1	1	1
CO10	:	Explains the process of accreditation in nursing education.	1	1	1	1	1	1
CO11	:	Demonstrates skill in curriculum evaluation in all domains using various assessment tools.	1	1	1	1	1	1

PROGRAM & COURSE OUTCOME MAPPING

Nursing Research & Statistics

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO12	:	Explains the Research process.	1	1	3	1	1	1
CO13	:	Demonstrates skill in conducting independent research projects.	1	1	3	1	2	2
CO14	:	Reports research finding through paper presentation and publications.	2	2	2	2	2	2
CO15	:	Computes the data and interpret the results.	2	2	2	2	2	2

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Community Health Nursing -Theory

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO16	:	Explains the concepts and development of health, community Health and Community Health Nursing and health care delivery system in India	3	2	2	2	2	2
CO17	:	Describes the quality assurance in community and family health nursing practice	1	2	2	3	2	2
CO18	:	Explains the care of mother and child	1	1	1	1	2	2
CO19	:	Discusses the role of Community health nurse in population control, disaster and epidemic management	1	3	2	3	1	3

PROGRAM & COURSE OUTCOME MAPPING

Clinical Specialty –I Community Health Nursing -Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO20	:	Applies nursing process approach while providing care to individuals, families, groups and community	2	2	2	2	1	3
CO21	:	Prepares as a health team member for management of disaster and epidemics	2	3	2	3	2	1

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME Second Year M.Sc. Community Health Nursing

Nursing Management

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO22	:	Discusses the principles of nursing administration.	2	2	3	1	1	1
CO23	:	Describes legal and ethical issues in nursing management.	1	2	3	1	1	1
CO24	:	Establishes interpersonal relationship with other health team members for management of hospital nursing services.	1	1	1	3	2	1
CO25	:	Applies the principles of nursing administration in managing resources in the hospital.	1	1	1	3	2	1

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II : Community Health Nursing -Theory

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO26	:	: Explains the role of epidemiology and international health in community health nursing practice	1	1	1	1	1	3
CO27	:	Describes role and responsibilities of community health nurse towards achieving the goals of National Health and family welfare programme	2	2	2	2	2	3
CO28	:	Sketches roles and responsibilities of community health nurse towards education and administration of various health personnel in maintaining health of school children and elderly population	2	2	2	3	2	3
CO29	:	Discuss the role and responsibilities community health nurse in maintaining the mental health and occupational health of the population including rehabilitation	2	2	2	2	2	3

PROGRAM & COURSE OUTCOME MAPPING

Clinical Speciality –II : Community Health Nursing -Practical

Program Outcomes			Apply the concepts, theories and principles of nursing science in practice	Practice leadership qualities and function effectively as nurse educator and manager	Conduct nursing research, interpret, communicate and utilize the research findings	Develop collaborative relationship with members of multidisciplinary team.	Appraise the need for continued learning for personal and professional advancement.	Develop competency to function as a specialised nurse in providing holistic care to patients
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO30	:	Demonstrate competencies in providing care to vulnerable population in various settings based on levels of prevention	1	2	1	1	1	3
CO31	:	Uses teaching and managerial abilities to improve the standards of health care and quality assurance.	1	1	1	1	1	2
CO32	:	Interprets epidemiological studies and participate in implementation of National health and family welfare programme and celebration of health days	1	1	2	3	1	1

M.Sc NPCC PO & CO Mapping

M.Sc. NURSING (NURSE PRACTITIONER IN CRITICAL CARE)

PROGRAMME OUTCOME

After completing M.Sc Nursing (Nurse Practitioner in Critical Care) Programme, the graduate will be able to;

- PO1:** Demonstrate competency in providing holistic care to critically ill patients
- PO2:** Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.
- PO3:** Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.
- PO4:** Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.
- PO5:** Manage complications independently or collaboratively as a part of critical care team.
- PO6:** Collaborate with family members and other health care professionals in the critical care team, across the continuum of critical care.

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME

First Year M.Sc. (Nurse Practitioner in Critical Care)

Theoretical Basis for Advanced Practice Nursing

Program Outcomes

Course Outcomes	PO1 Demonstrate competency in providing holistic care to critically ill patients	PO2 Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	PO3 Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical	PO4 Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	PO5 Manage complications independently or collaboratively as a part of critical care team.	PO6 Collaborate with family members and other health professionals in the critical care team,
CO1 : Explains the global health care challenges & health care delivery system in India.	2	3	3	2	3	3
CO2 : Describes the scope & regulations related to advanced nursing practice.	2	3	3	2	3	3
CO3 : Explains the competencies & trainings related to nurse practitioner.	2	3	3	2	2	2
CO4 : Identifies the future challenges of nurse	2	3	3	2	1	1

PROGRAM & COURSE OUTCOME MAPPING

practitioners

Research Application and Evidence Based Practice in critical Care

Program Outcomes

Course Outcomes	PO1 Demonstrate competency in providing holistic care to critically ill patients	PO2 Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	PO3 Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	PO4 Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	PO5 Manage complications independently or collaboratively as a part of critical care team.	PO6 Collaborate with family members and other health care professionals in the critical care team,
CO5 : Explains the research process.	2	2	2	2	2	2
CO6 : Conducts independent research projects.	2	2	2	2	2	2
CO7 : Reports research findings through Scientific paper presentation and publications.	2	1	1	1	1	1
CO8 : Computes the data and interprets the results.	1	2	2	1	1	1

PROGRAM & COURSE OUTCOME MAPPING

Advanced skills in Leadership, Management and Teaching

Program Outcomes

	Demonstrate competency in providing holistic care to critically ill patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of critical care team.	Collaborate with family members and other health care professionals in the critical care team,
Course Outcomes	PO1	PO2	PO3	PO4	PO5	PO6
CO9 : Applies theories and principles of leadership.	2	2	2	3	2	2
CO10 : Practices quality improvement strategies for managing patients in Emergency and Trauma units.	2	2	2	3	2	2
CO11 : Applies principles of management for effective management of Emergency and Trauma units.	2	2	3	2	2	2
CO12 : Develops teaching plan for educating nursing staff, patients and their relatives.	2	2	2	3	2	2

PROGRAM & COURSE OUTCOME MAPPING

Advanced Pathophysiology & Pharmacology applied to Critical Care Nursing

Program Outcomes

Course Outcomes	Program Outcomes					
	PO1	PO2	PO3	PO4	PO5	PO6
CO13 : Integrates the knowledge of pathophysiology process in developing diagnosis and plan of care for Emergency and Trauma patients.	2	2	2	3	2	2
CO14 : Applies the patho physiological principles in symptom management and secondary prevention among seriously ill trauma patients.	2	2	2	3	2	2
CO15 : Administer medications to patients following pharmacological principles.	2	2	3	2	2	2
CO16 : Applies sound knowledge of drug interactions in administration of medication to Emergency and Trauma patients.	2	2	2	23	2	2

PROGRAM & COURSE OUTCOME MAPPING

Advanced Health / Physical Assessment in Critical Care Nursing-Theory

Program Outcomes

Course Outcomes	PO1 Demonstrate competency in providing holistic care to critically ill patients	PO2 Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	PO3 Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	PO4 Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	PO5 Manage complications independently or collaboratively as a part of critical care team.	PO6 Collaborate with family members and other health care professionals in the critical care team,
CO17 : Describes the system wise focused physical examination.	2	2	2	2	2	2
CO18 : Explains the assessment of children, pregnant women & psychiatric patients.	3	3	3	3	3	3
CO19 : Identifies the screening and diagnostic tests relevant to the physical examination findings.	2	3	3	3	3	3
CO20 : Describes system wise clinical monitoring parameters.	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Advanced Health / Physical Assessment in Critical Care Nursing-Practical

Program Outcomes

Course Outcomes	PO1 Demonstrate competency in providing holistic care to critically ill patients	PO2 Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	PO3 Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	PO4 Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	PO5 Manage complications independently or collaboratively as a part of critical care team.	PO6 Collaborate with family members and other health care professionals in the critical care team,
CO21 : Demonstrate competency in general and focused physical assessment of critically ill patients.	2	3	3	3	3	3
CO22 : Analyses the results of appropriate screening and diagnostic tests based on the physical examination findings.	2	2	2	2	2	2
CO23 : Prepares plan of care for Critically ill patients based on the clinical parameters	3	3	3	3	3	3
CO24 : Documents assessment, diagnosis, management.	2	2	2	2	2	2

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME Second Year M.Sc. (Nurse Practitioner in Critical Care)

Foundations of Critical Care Nursing -Theory

Program Outcomes

Course Outcomes	PO1 Demonstrate competency in providing holistic care to critically ill patients	PO2 Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	PO3 Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	PO4 Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	PO5 Manage complications independently or collaboratively as a part of critical care team.	PO6 Collaborate with family members and other health care professionals in the critical care team,
CO25 : Describes holistic care applied to critical care Nursing practice.	3	2	2	2	2	2
CO26 : Explains the principles & assessment relevant to critical care.	2	2	3	2	2	2
CO27 : Identifies the need for Psychosocial management, family education & counselling in critical care units.	2	2	2	2	2	2
CO28 : Describes the infection control & quality assurance models relevant to critical care .	2	2	2	2	3	2

PROGRAM & COURSE OUTCOME MAPPING

Foundations Critical Care Nursing -Practical

Program Outcomes

Program Outcomes		Course Outcomes					
		PO1	PO2	PO3	PO4	PO5	PO6
		Demonstrate competency in providing holistic care to critically ill patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of critical care team.	Collaborate with family members and other health care professionals in the critical care team,
CO29	: Demonstrates skill in performing appropriate invasive and non-invasive procedures required for critically ill patients.	3	3	3	3	3	3
CO30	: Practice principles of Infection control relevant to critical care unit.	3	3	3	3	3	3
CO31	: Provide care related to management of critically ill patients .	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Critical Care Nursing – I Theory

Program Outcomes

Course Outcomes	Program Outcomes					
	PO1 Demonstrate competency in providing holistic care to critically ill patients	PO2 Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	PO3 Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	PO4 Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	PO5 Manage complications independently or collaboratively as a part of critical care team.	PO6 Collaborate with family members and other health care professionals in the critical care team,
CO32 : Describes the concept of triage.	3	3	3	3	3	3
CO33 : Explains the care of critically ill patients with cardiovascular, respiratory, neurological, genitourinary & gastrointestinal disorders.	3	3	3	3	3	3
CO34 : Describes the care of critically ill patients with musculoskeletal, endocrine & hematological disorders.	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Program Outcomes

Program Outcomes		Demonstrate competency in providing holistic care to critically ill patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of critical care team.	Collaborate with family members and other health care professionals in the critical care team,
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO35	: Develops skill in assessment of critically ill patients with cardiac, pulmonary, neurology, nephrology, endocrine and gastrointestinal disorders	3	3	3	3	3	3
CO36	: Demonstrates competency in providing comprehensive care to patients with alterations in cardiac, pulmonary and nephrology systems brought to critical care Unit.	3	3	3	3	3	3
CO37	: Demonstrates competency in providing comprehensive care to patients with alterations in neurology, endocrine and gastrointestinal systems brought to critical care Units.	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Critical Care Nursing – II -Theory

Program Outcomes

Course Outcomes	PO1 Demonstrate competency in providing holistic care to critically ill patients	PO2 Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	PO3 Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	PO4 Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	PO5 Manage complications independently or collaboratively as a part of critical care team.	PO6 Collaborate with family members and other health care professionals in the critical care team,
CO38 : Explains the care of critically ill patients with sense organ, multisystem, toxicology & specific infections.	3	3	3	3	3	3
CO39 : Describes the care to critically ill pregnant Women, children and psychiatric patients.	3	3	3	3	3	3
CO40 : Explains trauma, disaster management & emergency medical services.	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Critical Care Nursing – II- Practical

Program Outcomes

Program Outcomes		Demonstrate competency in providing holistic care to critically ill patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor.	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in critical care.	Appraise critical conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of critical care team.	Collaborate with family members and other health care professionals in the critical care team,
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO41	Demonstrates competency in providing comprehensive care to critically ill adult patients with alterations in hematological system, skin, multisystem organs and infectious diseases.	3	3	3	3	3	3
CO42	Demonstrates competency in providing comprehensive care to critically ill children, pregnant women and geriatric patients.	3	3	3	3	3	3

M.Sc NPETC PO & CO Mapping

**M.Sc. NURSE PRACTITIONER IN EMERGENCY AND TRAUMA CARE (NPETC)
PROGRAMME OUTCOME**

After completing M.Sc Nurse Practitioner in Emergency and Trauma Care Programme, the graduate will be able to;

- PO1** : Demonstrate competency in providing holistic care to Trauma patients
- PO2** : Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor
- PO3** : Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.
- PO4** : Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.
- PO5** : Manage complications independently or collaboratively as a part of emergency and Trauma care team.
- PO6** : Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME

First Year M.Sc. (Nurse Practitioner in Emergency and Trauma Care)

Theoretical Basis for Advanced Practice Nursing

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO1	:	Explains the global health care challenges & health care delivery system in India.	2	3	3	2	3	3
CO2	:	Describes the scope & regulations related to advanced nursing practice.	2	3	3	2	3	3
CO3	:	Explains the competencies & trainings related to nurse practitioner.	2	3	3	2	2	2
CO4	:	Identifies the future challenges of nurse practitioners	2	3	3	2	1	1

PROGRAM & COURSE OUTCOME MAPPING

Research Application and Evidence Based Practice in Emergency and Trauma Care

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO5	:	Explains the research process.	2	2	2	2	2	2
CO6	:	Conducts independent research projects.	2	2	2	2	2	2
CO7	:	Reports research findings through Scientific paper presentation and publications.	2	1	1	1	1	1
CO8	:	Computes the data and interprets the results.	1	2	2	1	1	1

PROGRAM & COURSE OUTCOME MAPPING

Advanced skills in Leadership, Management and Teaching

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO9	:	Applies theories and principles of leadership.	2	2	2	3	2	2
CO10	:	Practices quality improvement strategies for managing patients in Emergency and Trauma units.	2	2	2	3	2	2
CO11	:	Applies principles of management for effective management of Emergency and Trauma units.	2	2	3	2	2	2
CO12	:	Develops teaching plan for educating nursing staff, patients and their relatives.	2	2	2	3	2	2

PROGRAM & COURSE OUTCOME MAPPING

Advanced Pathophysiology & Pharmacology applied to Emergency and Trauma Nursing

Program Outcomes		Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, pathophysiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO13	: Integrates the knowledge of pathophysiology process in developing diagnosis and plan of care for Emergency and Trauma patients.	2	2	2	3	2	2
CO14	: Applies the patho physiological principles in symptom management and secondary prevention among seriously ill trauma patients.	2	2	2	3	2	2
CO15	: Administer medications to patients following pharmacological principles.	2	2	3	2	2	2
CO16	: Applies sound knowledge of drug interactions in administration of medication to Emergency and Trauma patients.	2	2	2	23	2	2

PROGRAM & COURSE OUTCOME MAPPING

Advanced Health / Physical Assessment in Emergency and Trauma Nursing-Theory

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO17	:	Describes the system wise focused physical examination.	2	2	2	2	2	2
CO18	:	Explains the assessment of children, pregnant women & psychiatric patients.	3	3	3	3	3	3
CO19	:	Identifies the screening and diagnostic tests relevant to the physical examination findings.	2	3	3	3	3	3
CO20	:	Describes system wise clinical monitoring parameters	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Advanced Health / Physical Assessment in Emergency and Trauma Nursing-Practical

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO21	:	Demonstrate competency in general and focused physical assessment of patient's in Emergency department.	2	3	3	3	3	3
CO22	:	Analyses the results of appropriate screening and diagnostic tests based on the physical examination findings.	2	2	2	2	2	2
CO23	:	Prepares plan of care for Emergency and Trauma patients based on the clinical parameters	3	3	3	3	3	3
CO24	:	Documents assessment, diagnosis, management.	2	2	2	2	2	2

PROGRAM & COURSE OUTCOME MAPPING

Second Year M.Sc. (Nurse Practitioner in Emergency and Trauma)

Foundations of Emergency and Trauma Nursing Practice -Theory

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO25	:	Describes holistic care applied to Emergency & trauma Nursing practice.	3	2	2	2	2	2
CO26	:	Explains the principles & assessment relevant to emergency & trauma care.	2	2	3	2	2	2
CO27	:	Identifies the need for Psychosocial management , family education & counselling in emergency & trauma unit.	2	2	2	2	2	2
CO28	:	Describes the infection control & quality assurance models relevant to Emergency & trauma care units.	2	2	2	2	3	2

PROGRAM & COURSE OUTCOME MAPPING

Foundations of Emergency and Trauma Nursing Practice -Practical

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO29	:	Demonstrates skill in performing appropriate invasive and non-invasive procedures required for Emergency and Trauma patients.	3	3	3	3	3	3
CO30	:	Practice principles of Infection control relevant to emergency & trauma care unit.	3	3	3	3	3	3
CO31	:	Provide care related to management of acute trauma injuries.	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Emergency and Trauma Nursing – I Theory

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO32	:	Describes the concept of triage.	3	3	3	3	3	3
CO33	:	Explains the care of patients with cardiovascular, respiratory, neurological, genitourinary & gastrointestinal emergencies.	3	3	3	3	3	3
CO34	:	Describes the care of patients with musculoskeletal, endocrine & hematological emergencies.	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Emergency and Trauma Nursing – I Practical

Program Outcomes		Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO35	: Develops skill in assessment of Emergency and Trauma patients with cardiac, pulmonary, neurology, nephrology, endocrine and gastrointestinal disorders	3	3	3	3	3	3
CO36	: Demonstrates competency in providing comprehensive care to patients with alterations in cardiac, pulmonary and nephrology systems brought to Emergency Unit.	3	3	3	3	3	3
CO37	: Demonstrates competency in providing comprehensive care to patients with alterations in neurology, endocrine and gastrointestinal systems brought to emergency Unit .	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Emergency and Trauma Nursing – II -Theory

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO38	:	Explains the care of patients with sense organ, multisystem, toxicology & specific infections in emergencies.	3	3	3	3	3	3
CO39	:	Describes the care to patients with emergency situations among pregnant Women, children and psychiatric patients.	3	3	3	3	3	3
CO40	:	Explains trauma, disaster management & emergency medical services.	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Emergency and Trauma Nursing – II- Practical

Program Outcomes			Demonstrate competency in providing holistic care to Trauma patients	Develops clinical competency in diagnostic reasoning, complex monitoring and treatment therapies in collaboration with treating doctor	Apply theoretical, patho-physiological and pharmacological principles and evidence base knowledge in implementing therapies / interventions in Emergency and Trauma care.	Appraise emergency conditions for providing emergent treatment to stabilize and restore patients' health.	Manage complications independently or collaboratively as a part of emergency and Trauma care team.	Collaborate with family members and other health care professionals in the emergency and Trauma care team, across the continuum of emergency care.
Course Outcomes			PO1	PO2	PO3	PO4	PO5	PO6
CO41	:	Demonstrates competency in providing comprehensive care to adult patients with alterations in haematological system, skin, multisystem organs and infectious diseases in emergency situations.	3	3	3	3	3	3
CO42	:	Demonstrates competency in providing comprehensive care to children, pregnant women and geriatric patients in emergency Unit.	3	3	3	3	3	3

PhD Nursing PO & CO Mapping

PROGRAM & COURSE OUTCOME MAPPING

PROGRAM OUTCOMES: PhD Nursing Program

PO1: Analyse the health problems corresponding to national health policy.

PO2: Demonstrate skill in developing and testing conceptual models that will impact nursing science

PO3: Apply nursing informatics administrative, clinical, research and educational setting

PO4: Conduct research and communicate research findings through publications and presentations.

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME

At the end of the course the student;

Nursing Science & Theory development including Nursing Leadership

Program Outcomes		Analyse the health problems corresponding to national health policy.	Demonstrate skill in developing and testing conceptual models that will impact nursing science	Apply nursing informatics administrative, clinical, research and educational setting	Conduct research and communicate findings through publications and presentations
Course Outcomes		PO1	PO2	PO3	PO4
CO1	: Applies leadership theories to nursing practice by identifying strategies to advocate for policy changes and professional development	3	3	3	3
CO2	: Evaluates the implications of scientific inquiry on nursing theory, research, and practice	3	3	3	3
CO3	: Demonstrates the ability to synthesize and test conceptual models that contribute to the advancement of nursing science	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Research Methodology & Applied Statistics

Program Outcomes		Analyse the health problems corresponding to national health policy.	Demonstrate skill in developing and testing conceptual models that will impact nursing science	Apply nursing informatics administrative, clinical, research and educational setting	Conduct research and communicate research findings through publications and presentations
Course Outcomes		PO1	PO2	PO3	PO4
CO4	: Formulates research problems, hypotheses, and objectives aligned with nursing practice and policy.	3	3	3	3
CO5	: Utilizes online and offline resources for research purposes for conducting systematic reviews.	3	3	3	3
CO6	: Conducts research studies using appropriate experimental and non-experimental research designs.	3	3	3	3
CO7	: Applies statistical methods for data analysis, including descriptive, inferential, parametric, and non-parametric techniques.	3	3	3	3
CO8	: Practices ethics for nursing research by adhering to ethical guidelines and institutional review board requirements.	3	3	3	3
CO9	: Develops research proposals for funding and communicate research findings effectively through publications and presentations.	3	3	3	3
CO10	: Utilizes research findings to inform nursing practice and contribute to evidence-based practice for advancement of the profession.	3	3	3	3

Doctorate in Nursing Practice (DNP) PO & CO Mapping

PROGRAM OUTCOMES: DNP Critical Care Program

PROGRAM & COURSE OUTCOME MAPPING

PO1.Apply theories, models, and scientific inquiry to develop innovative, evidence-based solutions in advanced nursing practice.

PO2.Develop Leadership Competencies in Advanced Nursing Roles

PO3.Utilize healthcare information systems, and informatics to improve patient outcomes, clinical decision-making, and organizational efficiency.

PO4.Analyse healthcare financing, policy implications, and business strategies to ensure the sustainability and cost-effectiveness of nursing practices.

PO5.Develop and implement population health strategies and actively engage in care coordination & community services

PO6.Design, implement, analyse, and disseminate EBP projects that contribute to nursing science and improve healthcare outcomes.

PROGRAM & COURSE OUTCOME MAPPING

COURSE OUTCOME First Semester DNP Critical Care Program

Foundations of DNP Practice

Program Outcomes							
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
		Apply theories, models, and scientific inquiry to develop innovative, evidence-based solutions in advanced nursing practice.	Develop Leadership Competencies in Advanced Nursing Roles	Utilize healthcare information systems, and informatics to improve patient outcomes, clinical decision-making, and organizational efficiency.	Analyse healthcare financing, policy implications, and business strategies to ensure the sustainability and cost-effectiveness of nursing practices.	Develop and implement population health strategies and actively engage in care coordination & community services	Design, implement, analyse, and disseminate EBP projects that contribute to nursing science and improve healthcare outcomes
CO1	: Analyses the foundational principles of scientific inquiry and evidence-based practice to develop advanced nursing competencies	3	3	3	3	3	3
CO2	: Integrates DNP roles, leadership, and interprofessional collaboration by adopting evidence, innovation, and quality improvement strategies into advanced nursing practice	3	3	3	3	3	3

Leadership for Quality Improvement in Nursing & Healthcare including transformational leadership

PROGRAM & COURSE OUTCOME MAPPING

Program Outcomes							
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
		Apply theories, models, and scientific inquiry to develop innovative, evidence-based solutions in advanced nursing practice.	Develop Leadership Competencies in Advanced Nursing Roles	Utilize healthcare information systems, and informatics to improve patient outcomes, clinical decision-making, and organizational efficiency.	Analyse healthcare financing, policy implications, and business strategies to ensure the sustainability and cost-effectiveness of nursing practices.	Develop and implement population health strategies and actively engage in care coordination & community services	Design, implement, analyse, and disseminate EBP projects that contribute to nursing science and improve healthcare outcomes
CO3	: Demonstrates transformational and systems leadership skills by applying theories of organizational change, strategic decision-making, and communication to enhance healthcare quality and patient safety.	3	3	3	3	3	3
CO4	: Implements quality improvement methodologies such as clinical audits, PDSA cycles, and benchmarking to optimize organizational performance, resource utilization, and patient-centered care in nursing practice.	3	3	3	3	3	3

Second Semester DNP Critical Care Program

PROGRAM & COURSE OUTCOME MAPPING

Translational Methods for Practice Inquiry (EBP Methods)

Program Outcomes		Apply theories, models, and scientific inquiry to develop innovative, evidence-based solutions in advanced nursing practice.	Develop Leadership Competencies in Advanced Nursing Roles	Utilize healthcare information systems, and informatics to improve patient outcomes, clinical decision-making, and organizational efficiency.	Analyse healthcare financing, policy implications, and business strategies to ensure the sustainability and cost-effectiveness of nursing practices.	Develop and implement population health strategies and actively engage in care coordination & community services	Design, implement, analyse, and disseminate EBP projects that contribute to nursing science and improve healthcare outcomes
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
CO5	: Applies principles of evidence-based practice (EBP) by formulating clinical questions, critically appraising literature, and integrating the best available evidence to enhance patient outcomes and healthcare quality.	3	3	3	3	3	3
CO6	: Differentiate between EBP, quality improvement, and research utilization to lead innovative and interprofessional initiatives that promote evidence-based changes in nursing and healthcare systems	3	3	3	3	3	3

Applied Statistical Methods for Practice Inquiry

PROGRAM & COURSE OUTCOME MAPPING

Program Outcomes		Course Outcomes					
	Apply theories, models, and scientific inquiry to develop innovative, evidence-based solutions in advanced nursing practice.	PO1	PO2	PO3	PO4	PO5	PO6
	Develop Leadership Competencies in Advanced Nursing Roles						
	Utilize healthcare information systems, and informatics to improve patient outcomes, clinical decision-making, and organizational efficiency.						
	Analyse healthcare financing, policy implications, and business strategies to ensure the sustainability and cost-effectiveness of nursing practices.						
	Develop and implement population health strategies and actively engage in care coordination & community services						
	Design, implement, analyse, and disseminate EBP projects that contribute to nursing science and improve healthcare outcomes						
CO7	: Interprets findings to support evidence-based practice and quality improvement initiatives.	3	3	3	3	3	3
CO8	: Evaluates and report statistical findings to enhance decision-making, improve patient outcomes, and contribute to nursing research and healthcare policy development.	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

Third Semester DNP Critical Care Program

Informatics in Transformation of Health Care

Program Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
Course Outcomes		Apply theories, models, and scientific inquiry to develop innovative, evidence-based solutions in advanced nursing practice.	Develop Leadership Competencies in Advanced Nursing Roles	Utilize healthcare information systems, and informatics to improve patient outcomes, clinical decision-making, and organizational efficiency.	Analyse healthcare financing, policy implications, and business strategies to ensure the sustainability and cost-effectiveness of nursing practices.	Develop and implement population health strategies and actively engage in care coordination & community services	Design, implement, analyse, and disseminate EBP projects that contribute to nursing science and improve healthcare outcomes
CO9	: Utilizes healthcare information systems and technology to manage individual and aggregate-level data, enhancing patient care and healthcare system efficiency.	3	3	3	3	3	3
CO10	: Demonstrates leadership in nursing informatics by integrating technology-driven solutions to improve clinical decision-making, patient outcomes, and healthcare education	3	3	3	3	3	3

PROGRAM & COURSE OUTCOME MAPPING

The Business of Healthcare

Program Outcomes							
Course Outcomes		PO1	PO2	PO3	PO4	PO5	PO6
		Apply theories, models, and scientific inquiry to develop innovative, evidence-based solutions in advanced nursing practice.	Develop Leadership Competencies in Advanced Nursing Roles	Utilize healthcare information systems, and informatics to improve patient outcomes, clinical decision-making, and organizational efficiency.	Analyse healthcare financing, policy implications, and business strategies to ensure the sustainability and cost-effectiveness of nursing practices.	Develop and implement population health strategies and actively engage in care coordination & community services	Design, implement, analyse, and disseminate EBP projects that contribute to nursing science and improve healthcare outcomes
CO11	: Analyses healthcare financing and reimbursement models to effectively manage financial resources.	3	3	3	3	3	3
CO12	: Demonstrates strategic leadership by integrating business, financial, and regulatory knowledge to drive organizational change and improve healthcare delivery	3	3	3	3	3	3

Fourth Semester DNP Critical Care Program

PROGRAM & COURSE OUTCOME MAPPING

Population Health Strategies, Healthcare Policy & Advocacy

Program Outcomes		Course Outcomes					
		PO1	PO2	PO3	PO4	PO5	PO6
		Apply theories, models, and scientific inquiry to develop innovative, evidence-based solutions in advanced nursing practice.	Develop Leadership Competencies in Advanced Nursing Roles	Utilize healthcare information systems, and informatics to improve patient outcomes, clinical decision-making, and organizational efficiency.	Analyse healthcare financing, policy implications, and business strategies to ensure the sustainability and cost-effectiveness of nursing practices.	Develop and implement population health strategies and actively engage in care coordination & community services	Design, implement, analyse, and disseminate EBP projects that contribute to nursing science and improve healthcare outcomes
CO13	: Evaluates population health strategies to enhance clinical care, patient-provider engagement, healthcare technology initiatives, and community services for improved health outcomes.	3	3	3	3	3	3
CO14	: Demonstrates leadership in analysing national and global health trends, influencing policy development, and advocating for the advancement of nursing practice.	3	3	3	3	3	3