



**स्वामी राम हिमालयन विश्वविद्यालय**  
**Swami Rama Himalayan University**

## **Criterion 1 - Curricular Aspects**

### **1.1.1 Outcome Analysis of POs, COs**

**Master of Science in Nursing (M.Sc. Nursing)**  
**(2020-2022)**

**Himalayan College of Nursing**

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**Swami Rama Nagar, Jolly Grant, Dehradun 248016, Uttarakhand, India**

**A. Program Outcomes**

After successful completion of the program, graduating students/graduates will able to:

<b>PO1</b>	Utilize/apply the concepts, theories and principles of nursing science
<b>PO2</b>	Demonstrate advance competence in practice of nursing
<b>PO3</b>	Practice as a nurse specialist.
<b>PO4</b>	Demonstrate leadership qualities and function effectively as nurse educator and manager
<b>PO5</b>	Demonstrate skill in conducting nursing research, interpreting and utilizing the findings from health related research.
<b>PO6</b>	Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system
<b>PO7</b>	Establish collaborative relationship with members of other disciplines
<b>PO8</b>	Demonstrate interest in continued learning for personal and professional advancement

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### B. Course-wise CO-PO Mapping

Mapping factor or Correlational level between Course Outcome (CO) and Program Outcomes (PO) indicates to what extent the teaching and assessment method of CO correlates/contributes the PO at the level defined below:

Correlation Level	Particulars
3	Substantial/high contribution of CO towards PO
2	Moderate contribution of CO towards PO
1	Slight/low contribution of CO towards PO

Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN101	Advanced Nursing Practice								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Appreciate and analyze the development of nursing as a profession	3	3	3	2	2	2	2	3
CO2	Describe ethical, legal, political and economic aspects of health care delivery and nursing practice	3	3	3	2	3	2	2	1
CO3	Explain bio-psycho-social dynamics of health, life style and health care delivery system	2	2	3	3	2	2	1	1
CO4	Discuss concepts, principles, theories, models, approaches relevant to nursing and their application	3	2	2	1	3	3	1	1
CO5	Describe scope of nursing practice	1	3	3	2	3	2	1	1
CO6	Provide holistic and competent nursing care following nursing process approach	1	3	3	2	1	2	1	2
CO7	Identify latest trends in nursing and the basis of advance nursing practice.	1	2	3	3	3	2	2	1
CO8	Perform extended and expanded role of nurse.	1	3	3	3	3	3	2	3
CO9	Describe alternative modalities of nursing care.	3	2	2	2	2	2	3	3
CO10	Describe the concept of quality control in nursing	3	1	3	2	2	3		



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CO11	Identify the scope of nursing research.	3	1	2	1	3	2	1	2
CO12	Use computer in patient care delivery system and nursing practice.	1	2	1	2	2	1	2	3
CO13	Appreciate importance of self-development and professional advance.	2	3	3	3	3	3	1	3
	Course wise PO Average	2.077	2.308	2.615	2.154	2.462	2.231	1.692	2.000

Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN 102A	Child Health (Pediatric) Nursing-I								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Appreciate the history and developments in the field of pediatrics and pediatric nursing as a specialty	3	2	2	2	1	1		2
CO2	Apply the concepts of growth and development in providing care to the pediatric clients and their families	3	3	2	1	2	1		2
CO3	Appreciate the child as a holistic individual	3	2	2	1	1	1	1	1
CO4	Perform physical, development, and nutritional assessment of pediatric clients	3	3	3	1	1	2	2	1
CO5	Apply nursing process in providing nursing care to neonates and children.	3	3	2	2	1	2	2	1
CO6	Integrate the concept of family centered pediatric nursing care with related areas such as genetic disorders, congenital malformations and long-term illness.	3	3	2	3	2	3	2	1
CO7	Recognize and manage emergencies in neonates.	3	2	3	1	2	1	1	1
CO8	Describe various recent technologies and treatment modalities in the management of high risk neonates	2	3	2	1	2	2	1	
CO9	Appreciate the legal and ethical issues pertaining to pediatric and neonatal nursing	2	3	2	2	2	2	1	
CO10	Prepare a design for layout and management of neonatal units	3	3	1	2	1	2		

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CO11	Incorporate evidence-based nursing practice and identify the areas of research in the field of pediatric / neonatal nursing	2	2	2	1	3	1	1	1
CO12	Recognize the role of pediatric nurse practitioner and as a member of the pediatric and neonatal health team	3	2	3	2	2	2	3	2
CO13	Teach pediatric nursing to undergraduate students and in-service nurses.	3	3	3	3	2	2	2	2
	Course wise PO Average	2.769	2.615	2.231	1.692	1.692	1.692	1.308	1.385

Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN102B	Community Health Nursing – I								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Appreciate the history and development in the field of Community health and Community Health Nursing	2	2	1	1	2	1	2	3
CO2	Appreciate the role of individuals and families in promoting health of the Community	1	3	3	3	1	2	3	2
CO3	Perform physical, developmental and nutritional assessment of individuals, families and groups	2	3	2	2	1	3	2	2
CO4	Apply the concepts of promotive, preventive, curative and rehabilitative aspects of health while providing care to the people.	3	1	3	2	1	1	2	3
CO5	Apply nursing process approach while providing care to individuals, families, groups and community.	3	2	2	1	2	2	2	1
CO6	Integrate the concepts of family centered nursing approach while providing care to the community	2	1	3	2	2	1	2	2
CO7	Recognize and participate in the management of emergencies, epidemics and disasters	1	2	2	3	1	3	2	1
CO8	Apply recent technologies and care modalities while delivering community health nursing care.	2	3	2	2	2	2	2	3
CO9	Appreciate legal and ethical issues pertaining to community health nursing care.	2	2	2	1	1	3	2	
CO10	Conduct community health nursing care projects	2	3	2	3	2	2		

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CO11	Participate in planning, implementation and evaluation of various national health and family welfare programmers at local, state and national level.	2	2	3	2	1	3	3	2
CO12	Incorporate evidence based nursing practice and identify the areas of research in the community settings.	2	3	3	2	3	1	2	2
CO13	Participate effectively as a member of Community Health team	2	2	3	2	1	2	3	2
CO14	Coordinate and collaborate with various agencies operating in the community by using inter- sectorial and multi-disciplinary approach	1	3	2	3	3	2	3	2
CO15	Teach community health nursing to undergraduates, in-service nurses and the community health workers.	2	2	3	2	1	2	2	3
CO16	Demonstrate leadership and managerial abilities in community health nursing practice.	2	2	2	3	2	2	2	1
	Course wise PO Average	1.938	2.250	2.375	2.125	1.625	2.000	2.188	2.063

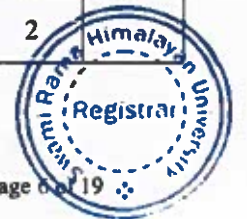
Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN102C	Medical Surgical Nursing-I								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Appreciate trends and issues in the field of Medical – Surgical Nursing as a specialty	1		1	1	1	1		1
CO2	Apply concepts & theories related to health promotion	1	1	1	1	1	1		
CO3	Appreciate the client as a holistic individual	1	1	1		1	1	1	1
CO4	Perform physical, psychosocial assessment of Medical – Surgical patients	1	1	1	1	1	1	1	1
CO5	Apply Nursing process in providing care to patients.	1	2	2	1	1	1	1	1
CO6	Integrate the concept of family center nursing care with associated disorder such as genetic, congenital and long-term illness.	1	2	2	1	1	1	1	1



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CO7	Recognize and manage emergencies with Medical – Surgical patient's.	1	2	2	2	2	2	2	2
CO8	Describe various recent technologies & treatment modalities in the management of critically ill patients	1	3	3	2	2	2	2	2
CO9	Appreciate the legal & ethical issues relevant to Medical – Surgical Nursing	1	2	2	2	2	2	2	2
CO10	Prepare a design for layout and management of Medical – Surgical Units.	1	2	2	2	1	1	1	2
CO11	Appreciate the role of alternative systems of Medicine in care of patients	1	2	2	2	2	2	1	2
CO12	Incorporate evidence based Nursing practice and identify the areas of research in the field of Medical – Surgical Nursing.	1	3	3	2	2	2	2	2
CO13	Recognize the role of Nurse practitioner as a member of the Medical – Surgical health teams	1	1	1	2	1	1	1	1
CO14	Teach Medical – Surgical Nursing to undergraduate nursing students & in-service nurses.	1	2	2	2	1	1	2	1
	Course wise PO Average	1.000	1.714	1.786	1.500	1.357	1.357	1.214	1.357

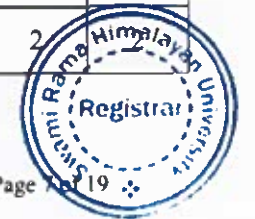
Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN102D	Mental Health (Psychiatric)Nursing-I								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Appreciate the trends and issues in the field of psychiatric and psychiatric nursing	3	3	2	3	2	2		2
CO2	Explain the dynamics of personality development and human behavior	3	3	2	3	2	2	2	
CO3	Describe the concepts of psychobiology in mental disorders and its implications for psychiatric nursing	3	3	3	2	3	2	2	



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CO4	Demonstrate therapeutic communications skills in all interactions	3	3	2	2	3	2	3	
CO5	Demonstrate the role of psychiatric nurse practitioner in various therapeutic modalities	3	3	3	2	3	2	2	
CO6	Establish and maintain therapeutic relationship with individual and groups	3	2	2	2	3	2	2	1
CO7	Uses assertive technique in personal and professional actions	3	2	3	3	2	1	2	1
CO8	Promotes self-esteem of clients, others and self.	3	2	3	2	1	3	3	2
CO9	Apply the nursing process approach in caring for patients with mental disorders	3	3	3	2	2	3	2	
CO10	Describe the psychopharmacological agents ,their effects and nurses role	3	3	3	2	2	2	1	
CO11	Recognize the role of psychiatric nurse practitioner and as a member of the psychiatric and mental health team	3	3	3	2	3	2	2	3
CO12	Describe various types of alternative system of medicines used in psychiatric settings	3	2	2	3	2	2	1	2
CO13	Incorporate evidence based nursing practice and identify the areas of research in the field of psychiatric nursing.	3	2	2	2	3		3	
	Course wise PO Average	3.000	2.615	2.538	2.308	2.385	1.923	1.923	0.846

Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN102E	Obstetric & Gynecological Nursing - I								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Appreciate the trends in the field of midwifery, obstetrics and gynecology as a specialty	3		3		3	2	2	2
CO2	Describe the population dynamics and indicators of maternal and child health	3		3		3	2		
CO3	Describe the concepts of biophysical, psychological and spiritual aspects of normal pregnancy, labor and puerperium	3	3	3	3	3	2	2	





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CO4	Provide comprehensive nursing care to women during reproductive period	3	3	3	2	3	2	2	2
CO5	Integrate the concepts of family centered nursing care and nursing process approach in obstetric and gynecological nursing.	3		3	3	3	2	2	2
CO6	Identify and analyze the deviations from normal birth process and refer appropriately.	3	3	3	2	3	2	2	2
CO7	Describe the pharmacological agents, their effects during pregnancy, child birth, puerperium, lactation and the role of nurse	3		3	2	3	2	2	2
CO8	Counsel adolescents, women and families on issues pertaining to pregnancy, child birth and lactation	3		3	3	3	2	2	2
CO9	Describe the role of various types of complementary and alternative therapies in obstetric and gynecological nursing	3		3	2	3	2	2	2
CO10	Incorporate evidence based nursing practice and identify the areas of research in the field of obstetric and gynecological nursing	3		3	2	3	2	2	
CO11	Describe the recent advancement in contraceptive technology and birth control measures	3		3		3	2	2	2
CO12	Appreciate the legal and ethical issues pertaining to obstetric and gynecological nursing	3		3		3	2	2	
	Course wise PO Average	3.000	0.750	3.000	1.583	3.000	2.000	1.833	1.667

Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN103	Nursing Education								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Explain the aims of education, philosophies, trends in education and health: its impact on nursing education	3	2	3	2		2	1	3
CO2	Describe the teaching learning process.	3	3	3	2	2	1		
CO3	Prepare and utilize various instructional media and methods in teaching learning process	3	3	3	1				



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CO4	Demonstrate competency in teaching, using various instructional strategies	3	2	2	3	1	1	1	2
CO5	Critically analyze the existing nursing educational programs, their problems, issues and future trends	3	2	2	3	2	1		1
CO6	Describe the process of curriculum development, and the need and methodology of curriculum change, innovation and integration	3	2	2	3	2	1		1
CO7	Plan and conduct continuing nursing education programs	2	2	2	3	1		1	3
CO8	Critically analyze the existing teacher preparation programs in nursing	1	3	2	2	2	2		1
CO9	Demonstrate skill in guidance and counseling	1	3	2	2		2	1	
CO10	Describe the problems and issues related to administration of nursing curriculum Including selection and organization of clinical experience	2	3	3	2	2	1		
CO11	Explain the development of standards and accreditation process in nursing education programs	3	2	1	2		1	1	
CO12	Identify research priorities in nursing education	2	2	1	2	3	1	2	1
CO13	Discuss various models of collaboration in nursing education and services	3	2	1	3	1	2	2	2
CO14	Explain the concept, principles, steps, tools and techniques of evaluation	3	3	3		2			2
CO15	Construct, administer and evaluate various tools for assessment of knowledge, skill and attitude	2	3	2		3	2	1	2
	Course wise PO Average	2.467	2.467	2.133	2.000	1.400	1.133	0.733	1.333

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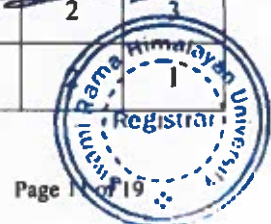
Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN104	Nursing Research & Statistics								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Define basic research terms and concepts	3	1	2	3	3	2	3	3
CO2	Review literature utilizing various sources	1	2	2	2	3	2	2	2
CO3	Describe research methodology	2	2	2	2	3	2	2	3
CO4	Develop a research proposal.	1	2	2	2	3	2	2	2
CO5	Conduct a research study.	2	3	2	2	3	2	2	2
CO6	Communicate research findings	1	2	2	2	3	2	3	2
CO7	Utilize research findings	3	2	2	2	3	2	3	2
CO8	Critically evaluate nursing research studies	2	1	2	2	3	2	2	2
CO9	Write scientific paper for publication	2	2	2	2	3	2	2	2
CO10	Explain the basic concepts related to statistics	2	2	1	2	2	2	2	1
CO11	Describe the scope of statistics in health and nursing	2	2	2	2	3	2	2	2
CO12	Organize, tabulate and present data meaningfully	3	3	3	3	2	2	2	3
CO13	Use descriptive and inferential statistics to predict results.	2	3	3	3	2	2	2	3
CO14	Draw conclusions of the study and predict statistical significance of the results.	2	2	2	2	3	3	2	2
CO15	Describe vital health statistics and their use in health related research	2	2	2	2	2	2	2	2
CO16	Use statistical packages for data analysis.	2	2	2	2	2	2	2	2
	Course wise PO Average	2.000	2.063	2.063	2.188	2.688	2.063	2.188	2.188



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Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN 201A	Child Health (Pediatric) Nursing-II								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Apply the nursing process in the care of ill infants to pre adolescents in hospital and community	3	2	1	1	2	1	1	1
CO2	Demonstrate advanced skills/competence in nursing management of children with medical and surgical problems	3	3	3	2	2	2	2	2
CO3	Recognize and manage emergencies in children	3	3	2	3	1	3	2	1
CO4	Provide nursing care to critically ill children	2	3	3	1	1	2	2	1
CO5	Utilize the recent technology and various treatment modalities in the management of high risk children	3	3	2	1	1	2	2	2
CO6	Prepare a design for layout and describe standards for management of pediatric units/hospitals	3	3	2	3	2	2	2	1
CO7	Identify areas of research in the field of pediatric nursing	2	2	1	2	3	2	1	1
Course wise PO Average		2.714	2.714	2.000	1.857	1.714	2.000	1.714	1.286

Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN201B	Community Health Nursing – II								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Appreciate trends and issues related to community health Nursing- reproductive and child health, school health, Occupational health, international health, rehabilitation, geriatric and mental health.	3	2	3	2	3	2	3	2
CO2	Apply epidemiological concepts and principles in community health nursing practice	3	2	2	2	3	2	2	2
CO3	Perform community health assessment and plan health programmers	2	3	2	2	2	2	2	3
CO4	Describe the various components of Reproductive and child health programmer	2	2	3	2	2	3	1	1



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CO5	Demonstrate leadership abilities in organizing community health nursing services by using inter-sectoral approach	2	2	2	3	2	3	2	2
CO6	Describe the role and responsibilities of community health nurse in various national health and family welfare programs	2	1	3	2	1	2	2	1
CO7	Participate in the implementation of various national health and family welfare program	3	2	2	1	2	3	2	2
CO8	Demonstrate competencies in providing family centered nursing care independently	2	3	2	3	2	3	2	2
CO9	Participate/Conduct research for new insights and innovative solutions to health problems	1	2	1	2	3	2	2	3
CO10	Teach and supervise nurses and allied health workers	2	2	2	3	1	2	2	3
CO11	Design a layout of sub-center/Primary health center/Community health center and develop standards for community health nursing practice.	2	2	3	1	1	3	2	2
	Course wise PO Average	2.182	2.091	2.273	2.091	2.000	2.364	2.091	2.091

Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN201D	Psychiatric (Mental Health ) Nursing - II								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Apply the nursing process in the care of patients with mental disorders in hospital and community	3	3	3	2	3	2		
CO2	Demonstrate advanced skills/competence in nursing management of patients with mental disorders	3	3	3	3	2	2	3	
CO3	Identify and care for special groups like children, adolescents, women, elderly, abused and neglected, people living with HIV/AIDS.	3	2	3	2	3	3	3	
CO4	Identify and manage psychiatric emergencies.	3	3	3	2	3	3		
CO5	Provide nursing care to critically ill patients with mental disorders	3	3	3	2	3	3		



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CO6	Utilize the recent technology and various treatment modalities in the management of patients with mental disorders	3	2		2	2	2	2	2
CO7	Demonstrate skills in carrying out crisis intervention	3	3	3	2	3	2		
CO8	Appreciate the legal and ethical issues pertaining to psychiatric nursing	3		2	3	2	2		3
CO9	Identify areas of research in the field of psychiatric nursing	3	2	2	3	3	2	3	
CO10	Prepare a design for layout and describe standards for management of Psychiatric units/emergency units/hospitals	3	2	2	2		2	2	2
CO11	Teach psychiatric nursing to under graduate students & in-service nurses	3	2		2	2	2		2
	Course wise PO Average	3.000	2.273	2.182	2.273	2.364	2.273	1.364	0.818

Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN201 C2	Critical Care Nursing								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Appreciate trends and issues related to Critical Care Nursing.	1	2	2	2				2
CO2	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of critically ill patients	2	1	3	1				
CO3	Describe the various drugs used in critical care and nurses responsibility	1	1	3	1		2		
CO4	Perform physical, psychosocial & spiritual assessment	2	1	2		1			
CO5	Demonstrate advance skills/competence in managing critically ill patients including Advance Cardiac Life Support.	1	1	2	1	1			
CO6	Demonstrate skill in handling various equipment's/gadgets used for critical care	3	2	3	1				
CO7	Provide comprehensive care to critically ill patients	1	3	2	1	3			



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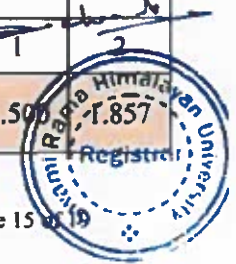
CO8	Appreciate team work & coordinate activities related to patient care.	1	2	1					
CO9	Practice infection control measures	1	2	1	1	2			
CO10	Assess and manage pain	1	1	1	1		2	2	
CO11	Identify complications & take appropriate measures	1	2	2				1	
CO12	Discuss the legal and ethical issues in critical care nursing	1	1	1					
CO13	Assist patients and their family to cope with emotional distress, spiritual, grief and anxiety	2	1	1	1	1			
CO14	Assist in various diagnostic, therapeutic and surgical procedures	2	1	2				2	
CO15	Incorporate evidence based nursing practice and identify the areas of research in the field of critical care nursing	1	1	1	2		1	2	
CO16	Identify the sources of stress and manage burnout syndrome among health care providers.	1	1	1	2	3	1	1	
CO17	Teach and supervise nurses and allied health workers	1	1	1	3				
CO18	Design a layout of ICU and develop standards for critical care nursing practice		1	1	3		1	1	2
	Course wise PO Average	1.278	1.389	1.667	1.111	0.611	0.389	0.500	0.222

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Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN201E	Obstetric and Gynecological Nursing - II								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Describe the epidemiology, etiology, pathophysiology and diagnostic assessment of women with obstetric and gynecological conditions	3	3	2	1	2	2	2	2
CO2	Perform physical, psychosocial, cultural & spiritual assessment	2	1	2	1		2	2	2
CO3	Demonstrate competence in caring for women with obstetrical and gynecological conditions	3	3	2	2	1	2	2	2
CO4	Demonstrate competence in caring for high risk new-born.	3	3	2	1		2	3	2
CO5	Identify and Manage obstetrical and neonatal emergencies as per protocol	3	3	2	2	1	2	2	2
CO6	Practice infection control measures	3	2	2	2	1	2	2	2
CO7	Utilize recent technology and various diagnostic, therapeutic modalities in the management of obstetrical, gynaecological and neonatal care.	3	2	2	2	2	2	1	2
CO8	Demonstrate skill in handling various equipment/gadgets used for obstetrical, gynaecological and neonatal care	2	2	2	1			1	2
CO9	Teach and supervise nurses and allied health workers	3	3	1	3		1	1	2
CO10	Design a layout of specialty units of obstetrics and gynecology	2	1	1	2	1		2	1
CO11	Develop standards for obstetrical and gynaecological nursing practice	3	2	1	2	2	2	1	2
CO12	Counsel women and families	1	1	2	1	2			1
CO13	Incorporate evidence based nursing practice and identify the areas of research in the field of obstetrical and gynaecological nursing	3	3	2	3	3	3	1	2
CO14	Function as independent midwifery nurse practitioner	3	3	3	2	1	2	1	2
	Course wise PO Average	2.643	2.286	1.857	1.786	1.143	1.571	1.500	1.857





1.1.1 Outcome Analysis of POs, COs – M.Sc. Nursing (2020-2022)

Course Code	Course Title	CO-PO Mapping (Articulation Matrix)							
MSN 202	Nursing Management								
CO#	At the end of the course the students will be able to:	PO-1	PO-2	PO-3	PO-4	PO-5	PO-6	PO-7	PO-8
CO1	Describe the philosophy and objectives of the health care institutions at various levels.	1	2	1	1	1	1	2	2
CO2	Identify trends and issues in nursing		3	3	2	2	2	2	2
CO3	Discuss the public administration, health care administration v/s nursing administration	1	2	2	3		1	1	1
CO4	Describe the principles of administration applied to nursing	2	2	3	3	1	2	2	2
CO5	Explain the organization of health and nursing services at the various levels/institutions		1	1	2	2	2	2	1
CO6	Collaborate and co-ordinate with various agencies by using multi- sectorial approach	2	2	3	2	3	1	3	1
CO7	Discuss the planning, supervision and management of nursing workforce for various health care settings.	2	3	2	3	1	3	1	3
CO8	Discuss various collaborative models between nursing education and nursing service to improve the quality of nursing care	3	2	2	2	2	2		1
CO9	Identify and analyze legal and ethical issues in nursing administration	1	2	2	2	2	2		2
CO10	Describe the process of quality assurance in nursing services		2	3	2	2	2		1
CO11	Demonstrate leadership in nursing at various levels	1	2	1	3				
	Course wise PO Average	1.182	2.091	2.091	2.273	1.455	1.636	1.182	1.455



**C. Program outcome Reference Value:**

Following table calculates the overall average of all POs of the Courses and is referred as Course-wise Average of POs Reference values.

Sr. No.	Course Code	Course Title	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	MSN101	Advanced Nursing Practice	2.077	2.308	2.615	2.154	2.462	2.231	1.692	2.000
2	MSN 102A	Child Health (Paediatric) Nursing-I	2.769	2.615	2.231	1.692	1.692	1.692	1.308	1.385
3	MSN102B	Community Health Nursing – I	1.938	2.250	2.375	2.125	1.625	2.000	2.188	2.063
4	MSN102C	Medical Surgical Nursing-I	1.000	1.714	1.786	1.500	1.357	1.357	1.214	1.357
5	MSN102D	Mental Health (Psychiatric)Nursing-I	3.000	2.615	2.538	2.308	2.385	1.923	1.923	0.846
6	MSN102E	Obstetric & Gynaecological Nursing - I	3.000	0.750	3.000	1.583	3.000	2.000	1.833	1.667
7	MSN103	Nursing Education	2.467	2.467	2.133	2.000	1.400	1.133	0.733	1.333
8	MSN104	Nursing Research & Statistics	2.000	2.063	2.063	2.188	2.688	2.063	2.188	2.188
9	MSN 201A	Child Health (Paediatric) Nursing-II	2.714	2.714	2.000	1.857	1.714	2.000	1.714	1.286
10	MSN201B	Community Health Nursing – II	2.182	2.091	2.273	2.091	2.000	2.364	2.091	2.091
11	MSN201D	Psychiatric (Mental Health ) Nursing - II	3.000	2.273	2.182	2.273	2.364	2.273	1.364	0.818
12	MSN201C2	Critical Care Nursing	1.278	1.389	1.667	1.111	0.611	0.389	0.500	0.222
13	MSN201E	Obstetric and Gynaecological Nursing - II	2.643	2.286	1.857	1.786	1.143	1.571	1.500	1.857
14	MSN 202	Nursing Management	1.182	2.091	2.091	2.273	1.455	1.636	1.182	1.455
<b>Combined Course-wise Average of POs Reference values</b>			<b>2.232</b>	<b>2.116</b>	<b>2.201</b>	<b>1.924</b>	<b>1.850</b>	<b>1.759</b>	<b>1.531</b>	<b>1.460</b>



### Assessment of CO and PO Attainment Value

The attainment of the course outcome is measured at the level of 3 as follows:

Attainment Levels	Criteria
3	If 80% of student achieves marks greater than threshold percentage of the total score of assessment
2	If 70% of student achieves marks greater than threshold percentage of the total score of assessment
1	If 60% of student achieves marks greater than threshold percentage of the total score of assessment
0	If 60% of student achieves marks less than threshold percentage of the total score of assessment

Attainment level of COs is measured through direct attainment of COs depending on the performance of the students in Internal Assessment (IA) and University Examination (UE) individually. The average attainment level of both assessment is calculated depending marks distribution of the assessment. For the program the threshold percentage is set at 50% for IA and 50% for UE Assessments.

Sr. No.	Course Code	Course Title	Attainment of COs	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8
1	MSN101	Advanced Nursing Practice	3.000	2.077	2.308	2.615	2.154	2.462	2.231	1.692	2.000
2	MSN 102A	Child Health (Paediatric) Nursing-I	3.000	2.769	2.615	2.231	1.692	1.692	1.692	1.308	1.385
3	MSN102B	Community Health Nursing – I	3.000	1.938	2.250	2.375	2.125	1.625	2.000	2.188	2.063
4	MSN102C	Medical Surgical Nursing-I	3.000	1.000	1.714	1.786	1.500	1.357	1.357	1.214	1.357
5	MSN102D	Mental Health (Psychiatric)Nursing-I	3.000	3.000	2.615	2.538	2.308	2.385	1.923	1.923	0.846
6	MSN102E	Obstetric & Gynaecological Nursing - I	3.000	3.000	0.750	3.000	1.583	3.000	2.000	1.833	1.667
7	MSN103	Nursing Education	3.000	2.467	2.467	2.133	2.000	1.400	1.133	0.867	1.333



1.1.1 Outcome Analysis of POs, COs – M.Sc. Nursing (2020-2022)

8	MSN104	Nursing Research & Statistics	3.000	2.000	2.063	2.063	2.188	2.688	2.063	2.188	2.188
9	MSN 201A	Child Health (Paediatric) Nursing-II	3.000	2.714	2.714	2.000	1.857	1.714	2.000	1.714	1.286
10	MSN201B	Community Health Nursing – II	3.000	2.182	2.091	2.273	2.091	2.000	2.364	2.091	2.091
11	MSN201D	Psychiatric (Mental Health ) Nursing - II	3.000	3.000	2.273	2.182	2.273	2.364	2.273	1.364	0.818
12	MSN201C2	Critical Care Nursing	3.000	1.278	1.389	1.667	1.111	0.611	0.389	0.500	0.222
13	MSN201E	Obstetric and Gynaecological Nursing - II	3.000	2.643	2.286	1.857	1.786	1.143	1.571	1.500	1.857
14	MSN 202	Nursing Management	3.000	1.182	2.091	2.091	2.273	1.455	1.636	1.182	1.455
<b>Combined Course-wise Average of POs Reference values</b>				<b>2.232</b>	<b>2.116</b>	<b>2.201</b>	<b>1.924</b>	<b>1.850</b>	<b>1.759</b>	<b>1.531</b>	<b>1.469</b>
<b>Course-wise Average of POs Reference values</b>				<b>2.232</b>	<b>2.116</b>	<b>2.201</b>	<b>1.924</b>	<b>1.850</b>	<b>1.759</b>	<b>1.531</b>	<b>1.469</b>
<b>Percentage Attainment of PO's</b>				<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>

From the Attainment level of CO, the Derived PO's value for course is calculated as follows:

$$\text{Derived PO Value} = \frac{\text{CO attainment} \times \text{respective PO average}}{3}$$

Depending on derived PO values of the courses, calculate the Course-wise Average of POs achievement for each PO.

Calculate the percentage attainment of PO's as follows:

$$\text{Percentage attainment of PO's} = \frac{\text{Average PO Attainment through}}{\text{average PO reference value}} \times 100$$

*[Handwritten Signature]*

