

**Dr. Vithalrao Vikhe Patil**

**Foundation's**

**College of Nursing**

**Programme Outcome  
and course outcome**

**Basic B.Sc., PB. B.Sc., And M.Sc. Nursing  
Programme**





## **2.6.3**

**Any other relevant information**



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### Dr. V. V. Patil Foundation's College of Nursing

#### VISION AND MISSION

**VISION** -To develop the center of professional excellence in nursing by offering quality education in health care and research to prepare responsible nurses and educators to serve the nation and globally.

#### MISSION

1. To prepare the nursing students with global standards curriculum, learning, teaching, technology and research catering towards the professional excellence.
2. To make learning as an experience that will inspire learners to reach their potential to become as a role model.
3. To fulfill the comprehensive health care needs of the nation with holistic approach.
4. To foster the leadership through the values based on patient care practice integrated with interdisciplinary collaboration and partnership.
5. To contribute the professional development of the faculties as per the academic requirements.

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### **The Process for Defining Vision and Mission**

**Step 1.** The vision & mission of the Institute is taken as the basis.

**Step 2.** The Department conducts brain-storming sessions with the faculty on the skills required by the local and global employers, Industry Advances in Technology and R&D, and a draft copy of the Vision and Mission of the institutes is drafted.

**Step 3.** The views from Parents, Professional Bodies, Industry representatives and Board of Studies (BOS) on the draft are also collected and incorporated to revise the draft version based on their inputs.

**Step 4:** The accepted views are analyzed and reviewed to check the consistency with vision and mission of the institute.

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## The Process for Defining Vision and Mission

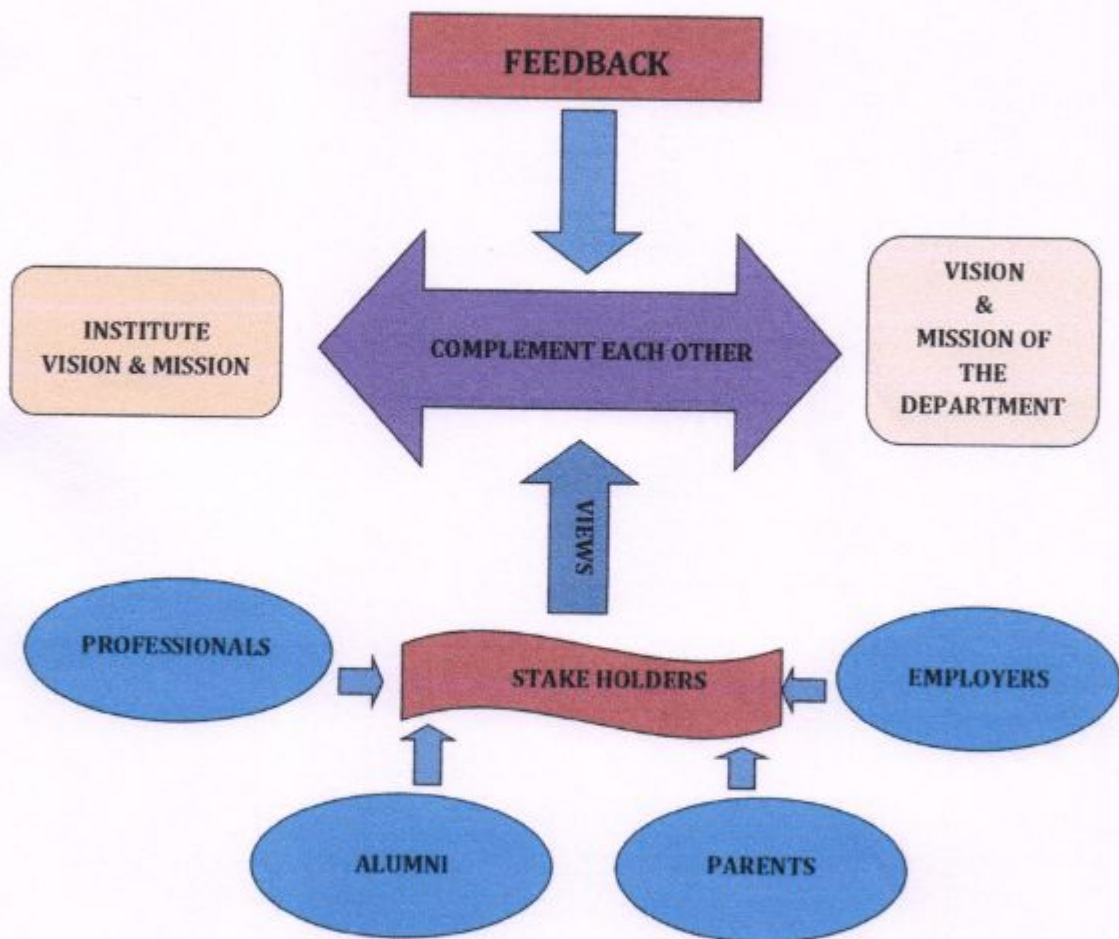


Fig.1 : The Process for defining the Vision and Mission of the Institute and Department

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# Program Outcome and Course Outcome Analysis

## Introduction

Quality assurance is a key/Important factor in education. For Good quality education requires analysis of Program Outcome (PO) and Course Outcome (CO) mapping. This analysis is an important step in outcome based education. As medical education is moving from traditional teaching learning process to competency based or outcome- based education, this need to be incorporated into the evaluation system. Besides analyzing the mapping, to make it more objective a score need to be obtained for mapping and attainment score need to be calculated for each course and program .All these analysis help to monitor not only the performance of the program but also the individual students .This type of analysis is not routine in health care education. In the absence of any such guideline by Nursing Council of India, it is an attempt to adopt the guideline prescribed by MUHS(Maharashtra University of Health Sciences)Nashik to calculate to score for mapping and attainment level of PO and CO.

## Program Outcome (PO)

Program outcome represent broad statement that incorporate many areas of interrelated knowledge and skill developed over the duration of the program through a wide range of course and experiences. They represent broad aspects of knowledge, skill, attitude development, and encompass multiple learning experiences based on outlined by the regulatory bodies (Indian Nursing Council, Affiliated University Maharashtra University of Health Sciences Nasik)

## Program Specific Outcome (PSO)

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Program specific Outcome is broad statement that describes what graduate are expected to attain within a few years of completing their program. These are based on the needs of the society as analyzed and outlined by the regulatory bodies (Indian Nursing Council, Affiliated University Maharashtra University of Health Sciences Nasik)

### **Course Outcome (CO)**

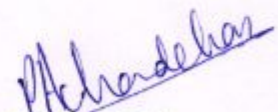
Course outcome describes the learning that will take place across the curriculum through concise statement, made in specific and measurable terms, of what students will know and /or able to do as the result of having successfully completed a course based on outlined by regulatory bodies (Indian Nursing Council, Affiliated University Maharashtra University of Health sciences Nasik)

### **Mapping of PSO, PO and the CO:**

Mapping (Program Mapping) Facilitate the alignment of course –level outcome with program outcomes. Outcome mapping focuses on students learning also. Mapping of PSO, PO and the CO are done based on regulatory bodies (Indian Nursing Council, Affiliated University Maharashtra University of health sciences Nasik)

### **Attainment score or level**

Attainment score or level is defined as a measure of a student's achievement in school, which compares every child to a standardized expectation for their level, regardless of individual starting points



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Sl	ADUATE ATTRIBUTESGR
1	Exhibit Clinical Competence
2	Apply Critical Thinking
3	Effective Communicator
4	Educator
5	Follows Professionalism
6	Interdisciplinary Collaborator
7	Demonstrate Research Aptitude
8	Attitude Of Lifelong Learning
9	Execute Leadership And Managerial Skills

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**Basic B.Sc. Nursing**


Program Name	Program Code	Program Outcome (PO) & Program Specific Outcome (PSO)	
Basic B. Sc. Nursin	1305003	PSO1	Graduates assume responsibilities as professional, competent nurses and midwives at basic level in providing promotive, preventive, curative and rehabilitative services.
		PSO2	Able to make independent decisions in nursing situations, protect the rights of and facilitate individuals and groups in pursuit of health, function in the hospital and community nursing services to conduct research studies in the areas of nursing practice.
		PSO3	Assume the role of teacher, supervisor and manager in clinical / education/public health setting.
		PO1	Apply knowledge from physical, biological and behavioral sciences, medicine, including alternative systems and nursing in providing nursing care to individuals, families and communities.
		PO2	Demonstrate an understanding of lifestyle and other factors, which affect health of individuals and groups.

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Program Nam	Program Cod	Program Outcome (PO) & Program Specific Outcome (PSO)	
		PO3	Provide nursing care based on steps of nursing process collaboration with the Individuals and groups.
		PO4	Demonstrate critical thinking skill in making decisions all situations in order to provide quality care.
		PO5	Utilize the latest trends and technology in providing health care.
		PO6	Provide promotive, preventive and restorative health services in line with the national health policies and programs.
		PO7	Practice within the framework of code of ethics and professional conduct and acceptable standards of practice within the legal boundaries.
		PO8	Communicate effectively with individuals and groups members of the health team order to promote effective interpersonal relationships and teamwork.
		PO9	Demonstrate skills in teaching to individuals and groups in institute clinical/ community health settings.
		PO10	Participate effectively as members of the health team in health care delivery system.
		PO11	Demonstrate leadership and managerial skills in clinic and community health settings.
		PO12	Conduct need based research studies in various settings and utilize the research findings to improve the quality of care.
		PO13	Demonstrate awareness, interest and contribute toward advancement of self and of the profession.

  
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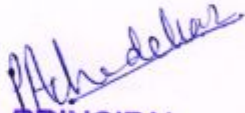
**Post Basic B.Sc. Nursing**

Program Name	Program	Program Outcome (PO) & Program Specific Outcome (PSO)	
Post Basic B. Sc Nursing	1305004	PSO1	Assume responsibilities as professional, competent nurses and midwives at basic level in providing promotive, preventive, curative and rehabilitative services.
		PSO2	Make independent decisions in nursing situations, protect the rights of and facilitate individuals and groups in pursuit of health, function in the hospital, community nursing services, and conduct research studies in the areas of nursing Practice. They are also expected to assume the role of teacher, supervisor, and manager in a clinic or public health setting.
		PO1	Assess health status, identify nursing needs, plan, implement and evaluate nursing care for patients / clients that contribute to the health of individuals, families and communities.
		PO2	Demonstrate competency in techniques of nursing based on concepts and principles from selected areas of nursing, physical, biological and behavioral sciences.
		PO3	Participate as members of health team in the promotive, preventive, curative and restorative health care delivery system of the country.
		PO4	Demonstrate skills in communication and interpersonal relationships.
		PO5	Demonstrate leadership qualities and decision-making abilities in various situations.
		PO6	Demonstrate skills in teaching to individuals and groups.

Program Name	Program Code	Program Outcome (PO) & Program Specific Outcome (PSO)	
		PO6	Demonstrate skills in teaching to individuals and groups.

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			education institute & community health settings.
		<b>PO7</b>	Demonstrate managerial skills in institute & community health settings.
		<b>PO8</b>	Practice ethical values in their personal and professional life.
		<b>PO9</b>	Participate in research activities and utilize research findings in improving nursing practice.
		<b>PO10</b>	Recognize the need for continued learning for their personal and professional development.

  
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### M. Sc. Nursing

Program Name	Program C	Program Outcome (PO) & Program Specific Outcome (PSO)	
M. Sc. Nursing	153107	PSO1	The aim of the postgraduate program in nursing is to prepare graduates to assume responsibilities as nurse specialist, consultants, educators, Administrators in a wide variety
		PO1	Utilize / apply the concepts, theories and principles of nursing science.
		PO2	Demonstrate advance competence in practice of nursing
		PO3	Practice as a nurse specialist
		PO4	Demonstrate leadership qualities and function effective nurse educator and manager.
		PO5	Demonstrate skill in conducting nursing research, interpreting and utilizing the finding from health related research.
		PO6	Demonstrate the ability to plan and effect change in nursing practice and in the health care delivery system.
		PO7	Establish collaborative relationship with members of other disciplines.
		PO8	Demonstrate interest in continued learning for personal professional advancement.

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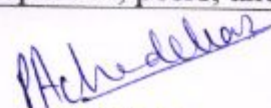


**B.Sc NURSING PROGRAMME A.Y. 2021-22**

**Programme Outcome**

**After completing B.Sc nursing programme the graduate will be able to:**

Program Name	Program Code	Program Outcome (PO) & Program Specific Outcome (PSO)	
B.Sc nursing		PO1	Utilize critical thinking to synthesize knowledge derived from physical, biological, behavioral sciences and humanities, in the practice of professional nursing and midwifery.
		PO2	Practice professional nursing and midwifery competently and safely in diverse settings, utilizing caring, critical thinking and therapeutic nursing interventions with individuals, families, populations and communities at any developmental stage and varied lived health experiences.
		PO3	Provide promotive, preventive and restorative health services in line with national health policies and programs.
		PO4	Integrate professional caring into practice decisions that encompass moral and legal aspects of nursing, values, ethical, and moral and legal aspects of nursing.
		PO5	Respect the dignity, worth, and uniqueness of self and others.
		PO6	Apply Concepts of leadership, autonomy and management to the practice of Nursing and midwifery to enhance quality and safety in health care.
		PO7.1	Utilize the latest Knowledge related to information technology to enhance patient outcome.
		PO7.2	Organize the latest skills related to information and technology to enhance patients outcome.
		PO8	Communicate effectively with patient, peers, and a

  
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			health care providers
		<b>PO9</b>	Utilize the requisite knowledge independently and collaboratively with all health professionals applying the principles of safety and quality improvement.
		<b>PO10</b>	Integrate research findings and nursing theory in decision making in evidence-based practice.
		<b>PO11</b>	Accept responsibility and accountability for the effectiveness of one's own nursing and midwifery practice and professional growth as a learner, clinician and leader
		<b>PO12</b>	Participate in the advancement of the profession to improve health care for the betterment of the global society.

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**Basic B.Sc. Nursing**

**Course Outcome**

**Third Year basic B. Sc. Nursing**

At the end of the course the students;

Course Cod	CO No.	Course outcome
<b>1. Medical Surgical Nursing II</b>		
62701	CO 33	Provide care for patient and disorders of ear, nose, throat, neurologic burn, reconstructive & cosmetic surgery and oncological conditions.
	CO 34	Develop ability to take care of female patient with reproductive disorder.
	CO 35	Develop skill in providing care during emergency and disaster situations.
	CO 36	Plan, implement, evaluate care of elderly and manage patients in critical care unit.
<b>2. Child Health Nursing</b>		
62702	CO 37	Describe the modern concepts, normal growth and development of children in various age groups and physiological response of body to disease conditions in children.
	CO 38	Identify the health needs, problems of neonates and children and various preventive, promotive and rehabilitative nursing care to children in the hospital and in the community.
<b>3. Mental Health Nursing</b>		
62703	CO 39	Understand the current trends, principles of psychiatric nursing and etiology, psychodynamics and management of psychiatric disorders.

	CO 41	Develop skill in providing comprehensive care, psychiatric emergency and crisis interventions to various kinds of psychiatric patients.
<b>4. Nursing Research and Statistics</b>		
62704	CO 42	Describe research and research process.
	CO 43	Apply the knowledge of statistics in data analysis
	CO 44	Conduct graph project and write report.

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**Basic B.Sc. Nursing**

**Course Outcome**

**Fourth Year basic B. Sc. Nursing**

At the end of the course the students;

Course Code	CO No.	Course outcome
<b>1. Management of Nursing Service and Education</b>		
62801	CO 45	Understand the principles, functions and process of management.
	CO 46	Apply the concepts, theories, and techniques of organizational behavior and human relations.
	CO 47	Understand the management of nursing services in the hospital, community and educational institutions.
	CO 48	Develop skill in planning and organizing in service education for professional advancement.
<b>2. Community Health NursingII</b>		
62802	CO 49	Understand development of community health, national health planning policies problems and delivery of health services.
	CO 50	Roles and responsibilities of nursing personnel in assisting individuals and groups to promote and maintain their health.
	CO 51	Appreciate national health and family welfare program, health agencies and role of the nurse.
<b>3. Midwifery and Obstetrical Nursing</b>		
62803	CO 52	Describe the normal and high risk pregnancy, labor, puerperium and apply knowledge and skill in giving need based care.
	CO 52	Motivate mother for care of the baby and adaptive family planning measures to maintain small family norms.

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**Post Basic B.Sc. Nursing**

**Course Outcome**

**First Year Post basic B. Sc. Nursing**


Course Code	CO No.	Course outcome
<b>1. Nursing Foundation</b>		
61301	CO 01	Identify professional and ethical of nursing
	CO 02	Identify the role of nurse in various levels of health services by utilizing nursing process.
	CO 03	Explain theories, current trends in health and Nsg by appreciate significance of quality assurance.
<b>2. Nutrition and Dietetics</b>		
61302	CO 04	Explain the principles and practices of nutrition and dietetics.
	CO 05	Identify nutritional needs of different age groups and plan diet Plan therapeutic diets in different settings.
	CO 06	Prepare meals using different methods utilizing cookery rule.
<b>3. Biochemistry and Biophysics</b>		
61303	CO 07	Understand Basic principles of Biochemistry and properties of important biomolecules.
	CO 08	Describe the mechanisms involved in maintenance of body fluids, electrolytes and working of enzymes as diagnostic tools for the clin
	CO 09	To understand the concepts of laboratory medicine, which involves learning about physiological levels of important biomolecules and the underlying cause of change in these levels in disease states.
	CO 10	Application of Physics Principles while providing nursing care to the patients.
<b>4. Psychology</b>		
61304	CO 11	Analyzing own thought and behavior patterns by understanding self

		others
	CO 12	Applying psychological principles while performing nursing duties.


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	CO 13	Distinguishing psychological processes during health and sickness.
	CO 14	Planning nursing care with regards to psychological needs and concerns and Participating in psychological assessment of patients.
<b>5. Microbiology</b>		
61305	CO 15	Identify common disease causing organisms
	CO 16	Basic principles of Microbiology & its significance in health & disease
	CO 17	Handling of infective specimens
	CO 18	Various methods of sterilization, disinfection and Role of nurse in hospital infection control system
<b>6. Maternal Nursing</b>		
61306	CO 19	Describe the physiology of pregnancy, labor, and puerperium and Manage normal pregnancy, labor and puerperium.
	CO 20	Explain the physiology of lactation, family planning methods advice management of breast feeding.
	CO 21	Provide pre- and post-operative nursing care in obstetric conditions.
	CO 22	Identify and manage high risk pregnancy including appropriate referral
<b>7. Child Health Nursing</b>		
61307	CO 23	Explain the modern concept of child care, the principles & normal growth and development of child health nursing.

  
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	CO 24	Explain the physiological response of body to disease conditions in children Identify the various preventive, promotive and rehabilitative aspects of children
	CO 25	Explain the physiological response of body to disease conditions in children Identify the various preventive, primitive and rehabilitative aspects of children
<b>8. Medical Surgical Nursing</b>		
61308	CO 26	Explain the etiology, pathophysiology, manifestation investigations, treatment & care of patients with Medical Surgical conditions.
	CO 27	Explain the actions, side-effects & nursing implications in administering drugs for various disorders.
	CO 28	Develop skill in giving comprehensive nursing care to patients following the steps of nursing process and appreciate the role of the nurse in the Medical Surgical health team.
	CO 29	Assist the patients & their families in identifying, meeting their own health needs by providing planned & incidental health education.
<b>9. English</b>		
-	CO 30	Understands English language and develop skill in speaking and writing.

  
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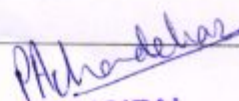
**Post Basic B.Sc. Nursing**

**Course Outcome**

**Second Year Post Basic B. Sc. Nursing**


At the end of the course the students;

	CO No.	Course outcome
<b>1. Sociology</b>		
61411	CO 31	Describe sociological concepts applicable to nursing.
	CO 32	Determine role of sociology in nursing as related to social institutes in
	CO 33	Develop positive attitudes towards individual family and community.
<b>2. Community Health Nursing</b>		
61412	CO 34	Explain the concept of various factors contributing the health of individual family and community.
	CO 35	Explain and analyze health need of individual family and community based on factors
	CO 36	Describe national health care delivery system, implementation of national programmes and role of CHN in prevention and control of diseases in community health set up.
	CO 37	Describes epidemiological methods and principles of prevention and control of illness in the community.
<b>3. Mental Health Nursing</b>		
61413	CO 38	Describe principles, and development of psychiatric nursing.
	CO 39	Plan, care and manage the patients with various mental disorders.
	CO 40	Identify role in nurse preventive psychiatric; communicate therapeutically with patient and their family.

  
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<b>4. Introduction to Nursing Education</b>		
61414	CO 41	Understand curriculum development, teaching learning process, assessment is by able to teach using various methods and media.
	CO 42	Participate in school/College of Nursing administration & conduct in-service education programme, counseling & guidance.
<b>5. Introduction to Nursing Administration</b>		
61415	CO 43	Identify principles of administration/ management and manage nursing unit
	CO 44	Identify dynamics of organizational behavior, styles, personal management functions of effective leaderships.
<b>6. Introduction to Nursing Research and Statistics</b>		
	CO 45	Understands basic concepts of research and nursing research process.
	CO 46	Conducts group projects and write report.

  
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### M.Sc. Nursing

### Course Outcome

### First Year M.Sc. Nursing

At the end of the course the students;

Course Code	CO No.	Course outcome
<b>1.Nursing Education</b>		
54001	CO 01	Demonstrate competency in formulating use of instructional media and methods, educational objective in teaching learning process
	CO 02	Understand measurement, evaluation and use of standardized tools test
	CO 03	Describe the process of curriculum development, innovation and integration.
	CO 04	Demonstrate skill in management of nursing education institute and guidance and counseling of students
<b>2)Advance Nursing Practice</b>		
54002	CO 05	Describe ethical, legal, political, bio- psycho- social dynamics of health economic aspects of health care delivery and nursing practice and Provide holistic and competent nursing care in nursing process approach.
	CO 06	Discuss concepts, principles, theories, models, approaches relevant to nursing and their application.
	CO 07	Identify latest trends in advance nursing practice and Perform extended expanded role of nurse and Describe alternative modalities and concepts quality control in advance nursing practice .
	CO 08	Identify the scope of nursing research and Use computer in patient care delivery system and nursing practice.

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### 3. Mental health Nursing Specialty-I

54007	CO 09	Describe the dynamics of personality development and human behavior concepts of psychobiology in mental disorders and its implications for psychiatric Nursing
	CO 10	Demonstrate therapeutic communications skills, role of psychiatric practitioner in various therapeutic modalities and therapeutic relationship with individual/groups, Uses assertive technique in personal and professional actions
	CO 11	Apply the nursing process approach in caring for patients with mental disorders and promotes self-esteem of clients, others and self.
	CO 12	Describe the psychopharmacological agents, their effects and various types of alternative system of medicines used in psychiatric settings

### 4. Community Health Nursing Specialty-I

54006	CO 13	Appreciate the history and development in the field of Community health. Perform physical, developmental and nutritional assessment of individuals, families and groups, Apply the concepts of primitive, preventive, curative and rehabilitative aspects of health while providing care to the people
	CO 14	Recognize and participate in the management of emergencies, epidemics and disasters, Incorporate evidence based nursing practice and identify areas of research in the Community settings.
	CO 15	Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and national level by using intersectoral and multi-disciplinary approach.

### 5. Medical Surgical Nursing Specialty -I

54003	CO 17	Perform physical, psychosocial assessment of Medical Surgical patients and apply concepts and theories related to health promotion, Integrate the concept of family centered nursing care with associated disorder such as genetic, congenital and long term illness and Describe various recent technologies and treatment modalities in management of critically ill patients
	CO 18	Appreciate the legal and ethical issues relevant to Medical Surgical Nursing and use of alternative systems of medicine , Incorporate evidence based Nursing practice identify the areas of research in the field of Medical Surgical Nursing, Recognize and manage emergencies with medical surgical nursing
<b>6.Obstetric and Gynecological Nursing</b>		
54004	CO19	Describe the trends In the field of Midwifery Obstetrics and Gynecological including family centered care approach
	CO20	Describe the Indicators of Maternal and Child Health and recent advancement in contraceptive
	CO21	Explain Concept of normal pregnancy, Labour, Puerperium and effect and effect of Pharmacological agents.
	CO22	Provide Comprehensive Nursing care During reproductive period, including Normal Birth Process
	CO24	Identify and analyze from normal Birth process and incorporate evidence based nursing practice in the field of Obstetrics and gynecology.
	CO25	Counsel Adolescents and families regarding pregnancy ,Child Birth and Lactation legal and ethical issues pertaining to Obstetrics and gynecology.
<b>7) Child Health ( Pediatrics ) Nursing</b>		
54005	CO26	To Provide Holistic Child care with application of Comprehensive Nursing Procedures to neonate and children.
	CO27	To Apply the concept of Growth and Development by Performing Physical, Nutritional assessment of Nursing Client.
	CO28	Integrate the Concept of family centered Pediatrics Nursing care related with genetic disorders and congenital Malformation and Long term illness
	CO29	Recognize and manage emergency in neonates by applying recent technologies and treatment Modalities

	CO30	Explain the legal and ethical issues pertaining to pediatric nurse practitioner
	CO31	Draw the design for the neonatal Care Unit
<b>6. Nursing Research and Statistics</b>		
54008	CO 19	Describe research methodology and develop a research proposal.
	CO 20	Conduct a research study , Analyze and interpret the research data
	CO 21	Communicate research findings , utilize research findings ,Critically evaluate nursing research studies and write scientific paper for publication

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**M.Sc. Nursing**

**Course Outcome**

**Second Year M.Sc. Nursing**

At the end of the course the students;

Course Code	CO No	Course outcome	Method of Assessment
<b>1. Nursing Management</b>			
54011	CO 22	Describe the philosophy and objective of the health care institutions at various level, and Identify trends and issues in nursing	Mid Term & Pre-final theory Exam, seminars
	CO 23	Discuss the public administration, health care administration and principles of administration applied to nursing and Explain the organization health and nursing services at the various levels institutions.	
	CO 24	Collaborate and co-ordinate with various agencies using multispectral approach and Discuss the planning, supervision and management of nursing workforce for various health care Settings and collaborative models between nursing education nursing service to improve the quality of nursing	
	CO 25	Identify and analyses legal and ethical issues in nursing administration and Describe the process of quality assurance in nursing services and leadership in nursing at various levels.	

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<b>2. Medical Surgical Nursing ( cardiovascular and thoracic nursing )</b>			
542A01	CO 26	Describe the epidemiology, etiology, pathos-physio and diagnostic assessment of cardio vascular and the conditions	Mid Term & Pre-final Practical Exam ,Proje seminar, care plan cas study , clinical evalua
	CO 27	Participate in national health programs for health promotion prevention and rehabilitation of patients cardio vascular and thoracic conditions	
	CO 28	Perform physical, psychosocial and spiritual asses and Assist in various diagnostic, therapeutic and surgical procedures	
	CO 29	Demonstrate advance skills / competence and App nursing process in providing comprehensive care t patients with cardio vascular and thoracic conditic including Advance Cardiac Life Support demonstr skill in handling various equipment of cardiovascu and thoracic patients and Describe the various dru used in cardio vascular and thoracic conditions an nurse's responsibility.	

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	C030	Appreciate team work & co-ordinate activities related to patient care , Practice infection control measures, Discuss the legal and ethical issues in cardio vascular and thoracic nursing and Appreciate the role of alternative system of medicine in care of patient	
<b>3.Community health Nursing Specialty II</b>			
54015	CO 31	Appreciate trends and issues related to community health nursing reproductive and child health, School health, Occupational Health, International health, rehabilitation, geriatric and mental health and Apply epidemiological concepts and principles in community health nursing to practice and Perform community health assessment and plan health programmes	Mid Term & Pre-final Practical Exam ,Project, seminar, care case study , clinical evaluation ,home procedure, training to different categories of health person, school health program
	CO 32	Demonstrate leadership abilities in organizing community health nursing services by using inter-personal and multi-disciplinary approach and Describe role and responsibilities of community health nurse in various national health and family welfare programmes	
	CO 33	Participate in the implementation of various national health and family welfare programme, Participate/Conduct research for new insights and innovative solutions to health problems and Design layout of sub center/Primary health center/Community health center and develop standards for community health nursing practice.	
<b>4.Mental Health Nursing Specialty –II</b>			
	CO 34	Apply the nursing process in the care of mental patients in hospital and community and Demonstrate	



54016		advanced skills/competence in nursing management of patients with mental illness.	Mid Term & Pre-final theory practical Exam, MSE, Health , Process recording, care plan case study ,case presentation Seminar
	CO 35	Identify and manage psychiatric emergencies, apply the legal and ethical issues pertaining to psychiatric nursing and Identify areas of research in the field of psychiatric nursing.	
	CO 36	Prepare a design layout and describe standards for management of psychiatric units/ hospitals and Teach psychiatric nursing to undergraduate students & in-service nurses.	

5.Child Health Nursing II			
	CO37	Apply the Nursing Process in the care of ill infant to adolescent in hospital and community	Clinical Presentation, Case Studies, NICU report, Nursing Care Plan, Health Education Project Work, Field Visits, Midterm and Pre-Final Exam Journal Presentation, Seminar
	CO38	Demonstrate Advance competencies in the nursing management of the children with management to critically ill children.	
	CO39	Recognize and Manage emergency in children by applying recent technologies and treatment modalities in high risk children	
	CO40	Prepare a design of pediatric unit by describing standards of management of pediatric children through evidence based pediatric nursing	

6. Obstetrics and Gynecological Nursing II			
	CO41	Describe the epidemiology, pathology and diagnostic assessment of women with Obstetrics and gynecological conditions	Midterm -Pre-final Exam Practical Exam, Care Antenatal, Intranatal,

CO42	Perform physical, psychology and spiritual assessment provide comprehensive Obstetrics and gynecological emergencies as per protocol	Postnatal), Care Plan (Born), Clinical Presentation( Antenatal Postnatal), Case Book/Journal Clinical Evaluation (Antnatal, Postnatal), Practice teaching.
CO43	Demonstrate competencies in high risk newborn and Obstetrics emergencies as per protocol	
CO44	Utilize recent technology for diagnostic therapeutic modalities in the management and practice of infectious control measures.	
CO45	Teach and supervise allied health workers and develop standard for what and gynecological Practices	
CO46	Function as individual by midwifery nurse practice in field of Obstetrics and gynecological nursing.	
CO47	Design a Layout of Obstetrics unit and counsel the women and families	

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**Post Basic B.Sc. Nursing**

**Course Outcome**

**First Year Post basic B. Sc. Nursing**

At the end of the course the students;

Course Code	CO No	Course outcome	Method of Assessment
<b>1. Nursing Foundation</b>			
61301	CO 01	Identify professional and ethical of nursing	Mid Term & Pre-final theory Exam,
	CO 02	Identify the role of nurse in various levels of health services by utilizing nursing process.	
	CO 03	Explain theories, current trends in health and Nursing appreciate significance of quality assurance.	
<b>2. Nutrition and Dietetics</b>			
61302	CO 04	Explain the principles and practices of nutrition and dietetics.	Mid Term & Pre-final theory Exam
	CO 05	Identify nutritional needs of different age groups plan diet Plan therapeutic diets in different settings	
	CO 06	Prepare meals using different methods utilizing cookery rule.	
<b>3. Biochemistry and Biophysics</b>			
61303	CO 07	Understand Basic principles of Biochemistry and properties of important biomolecules.	Mid Term & Pre-final theory Exam
	CO 08	Describe the mechanisms involved in maintenance of body fluids, electrolytes and working of enzymes diagnostic tools for the clinician.	
	CO 09	To understand the concepts of laboratory medicine which involves learning about physiological levels of important biomolecules and the underlying cause change in these levels in disease states.	

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	CO 10	Application of Physics Principles while providing nursing care to the patients.	
<b>4. Psychology</b>			
61304	CO 11	Analyzing own thought and behavior patterns by understanding self & others	Mid Term & Pre-final theory Exam, Journal
	CO 12	Applying psychological principles while perform nursing duties.	

	CO 13	Distinguishing psychological processes during health and sickness.	
	CO 14	Planning nursing care with regards to psychological needs and concerns and Participating in psychological assessment of patients.	

#### 5. Microbiology

61305	CO 15	Identify common disease causing organisms	Mid Term & Pre-final theory Exam, Journal
	CO 16	Basic principles of Microbiology & its significance in health & disease	
	CO 17	Handling of infective specimens	
	CO 18	Various methods of sterilization, disinfection Role of nurse in hospital infection control system	

#### 6. Maternal Nursing

61306	CO 19	Describe the physiology of pregnancy, labor, puerperium and Manage normal pregnancy, and puerperium.	Mid Term & Pre-final theory Practical Exam, Case study, plan, Health talk, Clinical evaluation, Case presentation
	CO 20	Explain the physiology of lactation, family planning methods advice on management of breast feeding.	
	CO 21	Provide pre- and post-operative nursing care in obstetric conditions.	
	CO 22	Identify and manage high risk pregnancy including appropriate referrals.	

<b>7. Child Health Nursing</b>			Mid Term & Pre-final theory
61307	CO 23	Explain the modern concept of child care, the principles & normal growth and development of child health nursing.	Practical Exam, Case study, Care plan, Health talk, Clinical evaluation, Case presentation

	CO 24	Explain the physiological response of body to disease conditions in children & Identify the various preventive, promotive and rehabilitative aspects of child.	
	CO 25	Explain the physiological response of body to disease conditions in children & Identify the various preventive, primitive and rehabilitative aspects of child.	

<b>8. Medical Surgical Nursing</b>			
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61308	CO 26	Explain the etiology, pathophysiology, manifestation investigations, treatment & care of patients with Medical Surgical conditions.	Mid Term & Pre-final theory Practical Exam, Case study, Care plan, Health talk, Clinical evaluation, Case presentation
	CO 27	Explain the actions, side-effects & nursing implications in administering drugs for various disorders.	
	CO 28	Develop skill in giving comprehensive nursing care to patients following the steps of nursing process and appreciate the role of the nurse in the Medical Surgical health team.	
	CO 29	Assist the patients & their families in identifying their own health needs by providing planned & incidental health education.	

<b>9. English</b>			
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-	CO 30	Understands English language and develops speaking and writing skills.	Mid-term, Prefinal exam
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**Post Basic B.Sc. Nursing**

**Course Outcome**

**Second Year Post Basic B. Sc. Nursing**

At the end of the course the students;

Course Code	CO No.	Course outcome	Method of Assessment
<b>1. Sociology</b>			
61411	CO 31	Describe sociological concepts applicable to nursing.	Mid Term & Pre-final the Exam, assignment 10 M
	CO 32	Determine role of sociology in nursing as related to social institutes in India.	
	CO 33	Develop positive attitudes towards individual family and community.	
<b>2. Community Health Nursing</b>			
61412	CO 34	Explain the concept of various factors contributing to the health of individual family and community.	Mid Term & Pre-final the Practical Exam, , Clinical evaluation, Case presenta Health Survey, School F Programme
	CO 35	Explain and analyze health need of individual family and community based on factors	
	CO 36	Describe national health care delivery system, implementation of national programmes and role of CHN in prevention and control of diseases in community health set up.	
	CO 37	Describes epidemiological methods and principles for prevention and control of illness in the community.	
<b>3. Mental Health Nursing</b>			
61413	CO 38	Describe principles, and development of psychiatric nursing.	Mid Term & Pre-final the Practical Exam, Case stud ,Care plan ,Health talk , Clinical evaluation, Case
	CO 39	Plan, care and manage the patients with various mental disorders.	

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	CO 40	Identify role in nurse preventive psychiatric; communicate therapeutically with patient and family.	presentation, Drug study, MSE, Process recording, History Taking
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<b>4. Introduction to Nursing Education</b>			
61414	CO 41	Understand curriculum development, teaching process, assessment and is by able to teach using various methods and media.	Mid Term & Pre-final theory Practical Exam Lesson plan
	CO 42	Participate in school/College of Nursing administration & conduct in-service education programme, counseling & guidance.	
<b>5. Introduction to Nursing Administration</b>			
61415	CO 43	Identify principles of administration/ management manage nursing unit.	Mid Term & Pre-final theory Exam, Performance Appri, clinical evaluation seminar ,job discri, vi report, ward management rotation plan
	CO 44	Identify dynamics of organizational behavior, style personal management and functions of effective leaderships.	
<b>6. Introduction to Nursing Research and Statistics</b>			
	CO 45	Understands basic concepts of research and nursing research process.	Mid Term & Pre-final theory Exam, Project marks
	CO 46	Conducts group projects and write report.	

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**M.Sc. Nursing**

**Course Outcome**

**First Year M.Sc. Nursing**

At the end of the course the students;

Course Code	CO No.	Course outcome	Method of Assess
<b>I.Nursing Education</b>			
54001	CO 01	Demonstrate competency in formulating instructional media and methods, educational objective in teaching learning process	Learning Resource Material, Curriculum Planning Practice Teaching, Conduct Workshop Prepare Question E
	CO 02	Understand measurement, evaluation and of standardized tools and test	
	CO 03	Describe the process of curriculum development, innovation and integration.	
	CO 04	Demonstrate skill in management of nursing education institute and guidance and counseling of students	
<b>2. Advance Nursing Practice</b>			
54002	CO 05	Describe ethical, legal, political, bio- psychosocial dynamics of health, economic aspects of health care delivery and nursing practice and Provide holistic and competent nursing care using nursing process approach.	Mid Term & Pre-final theory Exam, clinical evaluation, Seminar, care plan
	CO 06	Discuss concepts, principles, theories, models and approaches relevant to nursing and their application.	

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	CO 07	Identify latest trends in advance nursing practice and Perform extended and expanded role of nurse and Describe alternative modalities and concept of quality control advance nursing practice .	
	CO 08	Identify the scope of nursing research and computer in patient care delivery system and nursing practice.	

<b>3. Mental health Nursing Specialty-I</b>			
54007	CO 09	Describe the dynamics of personality development and human behavior, concepts of psychobiology mental disorders and its implications for psychiatric Nursing	Mid Term & Pre-final theory , practical Exam MSE, Health talk , Pre recording, care plan, case presentation Seminar
	CO 10	Demonstrate therapeutic communications skills, of psychiatric nurse practitioner in various therapeutic modalities and therapeutic relationship with individual/groups, Uses assertive technique in personal and professional actions	
	CO 11	Apply the nursing process approach in caring for patients with mental disorders and promotes self esteem of clients, others and self.	
	CO 12	Describe the psychopharmacological agents ,the effects and various types of alternative system of medicines used in psychiatric settings	
<b>4. Community Health Nursing Specialty-I</b>			
54006	CO 13	Appreciate the history and development in the field of Community health, Perform physical, developmental and nutritional assessment of individuals, families	Mid Term & Pre-final

		groups, Apply the concepts of primitive, preventive and rehabilitative aspects of health while providing care to the people	theory Exam, Health t ,Seminar , Family case study , care plan Surve
	CO 14	Recognize and participate in the management of emergencies, epidemics and disasters, Incorporate evidence based nursing practice and identify the of research in the Community settings.	report, school health programme , clinical evaluation
	CO 15	Participate in planning, implementation and evaluation of various national health and family welfare programmes at local, state and national level by using intersectoral and multi-disciplinary approach	
	CO 16	Appreciate legal and ethical issues pertaining to community health nursing care	

5. Medical Surgical Nursing Specialty –I			
54003	CO 17	Perform physical, psychosocial assessment of Medical Surgical patients and apply concepts and theories related to health promotion, Integrate the concept of family centered nursing care with associated disorder such as genetic congenital and long-term illness and Describe various recent technologies and treatment modalities in the management of critically ill patients	
	CO 18	Appreciate the legal and ethical issues related to Medical Surgical Nursing and role of alternative systems of medicine , Incorporate evidence based Nursing practice and identify	Mid Term & Pre-final Practic Exam ,Project, seminar, care p

		the areas of research in the field of Medical Surgical Nursing, Recognize and manage emergencies with medical surgical nursing	case study , clinical evaluation
<b>6. Nursing Research and Statistics</b>			
54008	CO 19	Describe research methodology and develop research proposal.	Mid Term & Pre-final theory Exam, research critiques , project work, research study presentation ROL
	CO 20	Conduct a research study , Analyze and interpret the research data	
	CO 21	Communicate research findings , utilize research findings ,Critically evaluate nursing research studies and write scientific paper publication	

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**M.Sc. Nursing**

**Course Outcome**

**Second Year M.Sc. Nursing**

At the end of the course the students;

Course Code	CO No.	Course outcome	Method of Assessment
<b>1. Nursing Management</b>			
54011	CO 22	Describe the philosophy and objective of the health care institutions at various level, and Identify trends and issues in nursing	Mid Term & Pre-final theory Exam, seminar
	CO 23	Discuss the public administration, health care administration and principles of administrative management applied to nursing and Explain the organization of health and nursing services at the various levels of institutions.	
	CO 24	Collaborate and co-ordinate with various agencies by using multispectral approach and Discuss health care planning, supervision and management of nursing workforce for various health care Settings and collaborative models between nursing education and nursing service to improve the quality of nursing care	
	CO 25	Identify and analyses legal and ethical issues in nursing administration and Describe the procedure for quality assurance in nursing services and leadership in nursing at various levels.	

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<b>2. Medical Surgical Nursing ( cardiovascular and thoracic nursing )</b>				
542A01	CO 26	Describe the epidemiology, etiology, pathos-physio and diagnostic assessment of cardio vascular and the conditions		Mid Term & Pre-final Practical Exam ,Proje seminar, care plan cas study , clinical evalua
	CO 27	Participate in national health programs for health promotion prevention and rehabilitation of patients cardio vascular and thoracic conditions		
	CO 28	Perform physical, psychosocial and spiritual asses and Assist in various diagnostic, therapeutic and surgical procedures		
	CO 29	Demonstrate advance skills / competence and App nursing process in providing comprehensive care t patients with cardio vascular and thoracic conditic including Advance Cardiac Life Support demonst skill in handling various equipment of cardiovasc and thoracic patients and Describe the various dru used in cardio vascular and thoracic conditions an nurse's responsibility.		

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	CO 24	Explain the physiological response of body to disease conditions in children & Identify the various preventive, promotive and rehabilitative aspects of child.		
<b>3. Community health Nursing Specialty II</b>			CO 25	Explain the various
54015	CO 31	Appreciate trends and issues related to community health nursing reproductive and child health, School health, Occupational Health, International health, rehabilitation, geriatric and mental health and Apply epidemiological concepts and principles in community health nursing to practice and Perform community health assessment and plan health programmes	Mid Term & Pre-final Practical Exam, Project seminar, care plan case study, clinical evaluation, home procedure, training to different categories of health person, school health programme	
	CO 32	Demonstrate leadership abilities in organizing community health nursing services by using inter-personal and multi-disciplinary approach and Describe role and responsibilities of community health nurse in various national health and family welfare programmes		
	CO 33	Participate in the implementation of various national health and family welfare programmes, Participate/Conduct research for new insights and innovative solutions to health problems and Design layout of sub center/Primary health center/Community health center and develop standards for community health nursing practice.		
<b>4. Mental Health Nursing Specialty –II</b>				
54016	CO 34	Apply the nursing process in the care of mental patients in hospital and community and Demonstrate advanced skills/competence in nursing management of patients with mental illness.	Mid Term & Pre-final theory, practical Exam, MSE, Health talk, Project recording, care plan, case study, case presentation	
	CO 35	Identify and manage psychiatric emergencies, apply the legal and ethical issues pertaining to psychiatric nursing and Identify areas of research in the field of		

		psychiatric nursing.	Seminar
	CO 36	Prepare a design layout and describe standards for management of psychiatric units/ hospitals and Teach psychiatric nursing to undergraduate students & in-service nurses.	

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**Method of Assessment for B.Sc. Nursing**

SN	Subject	CO NO	Course Outcome	Method of Assessment
<b>Semester I B.Sc Nursing</b>				
1	Communicative English	CO1	Apply the concepts and principles of Eng Language use in professional developme as pronunciation, vocabulary, grammar, paraphrasing, voice modulation, Spelling and silence.	End Semester College Exam Class Test 1 & Test 2 Written Assignment, Seminar/micro t / Individual Presentation , Group Project Attendance
		CO2	Demonstrate attentive listening in differe hypothetical situations.	
		CO3	Converse effectively, appropriately and t within the given context and the individu team they are by using various means of communication	
2	Applied Anatomy and Physiology	CO 1	Describe anatomical terms.	Class Test 1 & Class Test 2 Written Assignm Seminar/micro teaching / Individual Present Group Project Attendance
		CO 2	Explain the general and microscopic stru each system of the body.	
		CO 3	Identify relative positions of the major be organs as well as their general anatomic locations.	
3	Applied Sociology and Psychology	CO 1	Identify the importance of psychology in individual and professional life	Class Test 1 & Class Test 2 Written Assignm Seminar/micro teaching / Individual Present Group Project Attendance
		CO 2	Develop understanding of the biological psychological basis of human behaviour.	
		CO 3	Identify the role of nurse in promoting m health and dealing with altered personalit	
4	Nursing Foundation – I	CO 1.	Develop understanding about the concep health, illness and scope of nursing withi care services.	Class Test 1 & Class Test 2 Written Assignm Seminar/micro teaching / Individual Present Group Project Attendance
		CO2	Apply values, code of ethics and professi conduct in professional life.	
		CO3	Apply the principles and methods of effe communication in establishing communi links with patients, families and other hea team members.	
		CO4	Develop skill in recording and reporting.	
<b>Semester II B.Sc Nursing</b>				
5	Applied Biochemistry	CO1	Describe the metabolism of carbohydrate its alterations.	Class Test 1 & Class Test 2 Written Assignm Seminar/micro teaching / Individual Present Group Project Attendance
		CO2	Explain the metabolism of lipids and its alterations.	

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		CO3	Explain the metabolism of proteins and acids and its alterations.	
		CO4	Explain clinical enzymology in various conditions.	
6	Applied Nutrition and Dietetics	CO1	Identify the importance of nutrition in health and wellness.	Class Test 1 & Class Test 2 Written Assignment Seminar/micro teaching / Individual Presentation Group Project Attendance
		CO2	Apply nutrient and dietary modifications in caring patients.	
		CO3	Explain the principles and practices of Nutrition and Dietetics.	
7	Nursing Foundation (I and II)	CO 1	Develop understanding about fundamental health assessment and perform health assessment in supervised clinical settings	Class Test 1 & Class Test 2 Written Assignment Seminar/micro teaching / Individual Presentation Group Project Attendance  OSCE and DOP
		CO 2	Demonstrate fundamental skills of assessment, planning, implementation and evaluation of nursing care using Nursing process approach in supervised clinical settings	
		CO 3	Assess the Nutritional needs of patients and provide relevant care under supervision	
		CO 4	Identify and meet the hygienic needs of patients	
8	Health/Nursing Informatics Technology	CO1	Develop a basic understanding of computer application in patient care and nursing practice	Class Test 1 & Class Test 2 Written Assignment Seminar/micro teaching / Individual Presentation Group Project Attendance
		CO2	Apply the knowledge of computer and information technology in patient care and nursing education, practice, administrative research.	
		CO3	Describe the principles of health informatics and its use in developing efficient healthcare.	
		CO4	Demonstrate the use of information systems in healthcare for patient care and utilization of nursing data.	

SN	Subject		Course Outcome	Method of Assessment
			<b>Semester III B.Sc Nursing</b>	
9.	Applied Microbiology and Infection Control including safety	CO 1	Identify the ubiquity and diversity of microorganisms in the human body and the environment.	Class Test 1 & Class Test 2 Written Assignment, Seminar/micro teaching Individual Presentation Group Project Attendance
		CO 2	Classify and explain the morphology and growth of microbes.	

		CO 3	Identify various types of microorganisms.	
		CO 4	Develop knowledge and understanding of Hospital acquired Infections (HAI) and effective practices for prevention	
		CO 5	Integrate the knowledge of isolation (Barrier and rev barrier) techniques in implementing various precaut	
		CO 6	Demonstrate and practice steps in Hand washing and appropriate use of different types of PPE.	
		CO 7.	Illustrate various disinfection and sterilization metho and techniques.	
		CO8.	Demonstrate knowledge and skill in specimen collec handling and transport to optimize the diagnosis for treatment.	
10.	Pharmacology – I	CO 1	Describe pharmacodynamics and pharmacokinetics. Review the principles of drug calculation and administration.	Class Test 1 & Clas Test 2 Written Assignment, Seminar/micro teac Individual Presenta Group Project Attendance
		CO 2	Explain the commonly used antiseptics and disinfec	
		CO 3	Describe the pharmacology of drugs acting on the G system.	
11.	Pathology – I	CO 1.	Apply the knowledge of pathology in understanding deviations from normal to abnormal pathology.	Class Test 1 & Clas Test 2 Written Assignment, Seminar/micro teac Individual Presenta Group Project Attendance
		CO 2.	Rationalize the various laboratory investigations	
		CO 3	Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and fae for various tests.	

12.	Adult Health Nursi	CO 1.	Explain the etiology, path physiology, manifestation diagnostic studies, treatments and complications of common medical and surgical disorders.	Class Test 1 & Class Test 2 Written Assignment, Seminar/micro teaching Individual Presentation Group Project Attendance OSCE AND DOP
		CO 2	Perform complete health assessment to establish a database for providing quality patient care and integrate knowledge of anatomy, physiology and diagnostic tests in the process of data collection.	
		CO 3.	Identify nursing diagnoses, list them according to priority and formulate nursing care plan.	
<b>SN</b>	<b>Subject</b>		<b>Course Outcome</b>	<b>Method of Assessment</b>
			<b>Semester IV B.Sc Nursing</b>	
13	Pharmacology II Including fundamentals of prescribing Mod	CO1	Explain the drug used in treatment of ear, nose, throat, eye disorders, urinary system disorders, nervous system disorders, emergency conditions and immune disorders, and alternative system of medicine	Class Test 1 & Class Test 2 Written Assignment, Seminar/micro teaching Individual Presentation Group Project Attendance
		CO2.	Explain the drug used for hormonal replacement and pregnant women during antenatal, intra-natal and postnatal period	
		CO3	Describing the drugs used in the treatment of	
		CO4	Discuss the role and responsibility of nurse towards administration of drugs used to treat disorders of various systems with understanding of pharmacology with principles of prescribing.	
14	Pathology - II And Genetics	CO 1.	Apply the knowledge of pathology in understanding deviations from normal to abnormal pathology	Class Test 1 & Class Test 2 Written Assignment, Seminar/micro teaching Individual Presentation Group Project Attendance
		CO 2.	Rationalize the various laboratory investigations in diagnosing pathological disorders	
		CO 3.	CO 3. Demonstrate the understanding of the methods of collection of blood, body cavity fluids, urine and feces in various tests	
		CO 4	Apply the knowledge of genetics in understanding the various pathological disorders	
15	Adult Health Nursing With Integrated Pathophysiology including geriatric nursing + palliative module	CO 1	Explain the etiology, pathophysiology, manifestation diagnostic studies, treatments and complications of selected common medical and surgical disorders.	Class Test 1 & Class Test 2 Written Assignment, Seminar/micro teaching Individual Presentation Group Project Attendance OSCE AND DOP
		CO 2	Perform complete health assessment to establish a database for providing quality patient care and integrate knowledge of diagnostic tests in the process of data collection.	
		CO 3	Identify diagnoses, list them according to priority and	

			formulate nursing care plan.	
		CO 4	CO 4. Perform nursing procedures skilfully and apply scientific principles while giving comprehensive nursing care to patient's responsibilities.	
16	Professionalism, Professional Values Ethics Including Bioethics	CO1	Describe profession and professionalism.	Class Test 1 & Class Test 2 Written Assignment, Seminar/micro teaching Individual Presentation Group Project Attendance
		CO2	Identify the challenges of professionalism	
		CO3	Maintain respectful communication and relationship with other health team members, patients and society	

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## Mapping and analysis of COs, POs

### CO - PO Mapping matrix

#### Mapping of COs, POs

The process of attainment of COs, POs starts from writing appropriate COs for each course in all three program, which include integrated internship for final year B.Sc. Programs are regulated by the Indian Nursing Council of India (INC). The COs, POs and PSOs are defined by INC in the curriculum. Based on this, course outcomes are prepared by the respective faculty members of the course using action verbs of learning levels referring Bloom Taxonomy. Then, a correlation is established between COs and POs on the scale of 0 to 3 ('0' being no correlation, 1 being the low correlation, 2 being medium correlation and 3 being high correlation) based on their perception. The average score is calculated and is correlated with the courses as a whole not individually. Mapping matrix of COs-POs is prepared at the institute level in this regard for all courses in the program.

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Year	Course	Po1	Po2	Po3	Po4	Po5	Po6	Po7	Po8	Po9	Po10	Average
First	Nursing Foundatic	3	2						1			2
	Nutrition & Dietet	3	2				3					2.6
	Biochemistry & Bioph		3									3
	Psychology	2	2	2								2.5
	Maternal Nursing		2.5	2.5								2.5
	Child Health Nursi	2	2	2						3		2.5
	Microbiology	2	3	2								2.7
	Medical & Surgical Nu	2										2
Second	English				3							3
	Sociology	3					3					3
	Community Health Nu	1		1			3			3		2.5
	Mental Health Nurs	3				2		2				2.3
	Introduction to Nurs						3				3	3
	Education											
	Introduction to Nurs					2		3				2.5
	Administration											
Introduction to Nurs									2	3	2.5	
Research and Statis												
		2.3	2.3	1.9	3	2	3	2.5	1	2.6	2	2.5

### . Post Basic B.Sc. Nursing programme -PO & CO outcome Analysis

(0 - no correlation; 1 - low correlation; 2 - medium correlation; 3 - high correlation)

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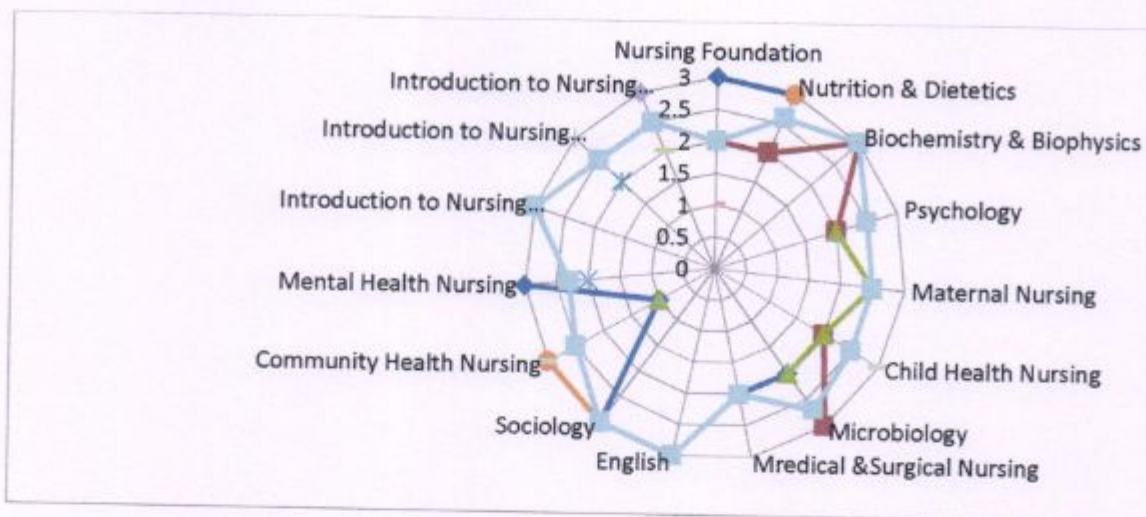


Fig No -1 Rader graph depicting correlation of program outcome & course outcome (0 - no correlation; 1 - low correlation; 2 - medium correlation; 3 - high correlation)

### Analysis of COs, POs

On analyzing, the average score of individual program outcome ranges from 2.7 to 3. It shows, there exist a strong correlation of all COs with that of PO, whereas medium correlation between Cos and PO. Similarly, on analyzing, the average score of individual program educational objective outcome ranges from 2.7 to 3. It shows there exist a strong correlation of all COs with that of PO.

### Attainment level and score of POs and COs

#### Program Attainment level

Attainment level of program is based on the pass percentage of the course in each subject. As per MUHS passing criteria 50% is the minimum marks to declare the student pass. Accordingly

- 1) Attainment Level 3 (Above 70%) marks out of the maximum relevant marks.
- 2) Attainment Level 2 (60-69%) marks out of the maximum relevant marks.
- 3) Attainment Level 1 (50-60%) marks out of the maximum relevant marks.
- 4) Attainment Level 0 (<50%) marks out of the maximum relevant marks.

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Basic B.S.c Nursing

Year	ENG	ANT	NUT	NFON	PSY	MIC	COM	SOCI
2023-2024	100	67	75	74	70	70	100	77

PPH	MSN-I	CHN-I	CET	MSN-II	CHN	MHN	RESE
60	79	80	84	97	79	21	-

MAG	CHN-II	MIDWI	REAS	Attain level
90	96	62	100	3

Program Attainment Score

Year	ENG	ANT	Nut	NFON	PSY	MIC	COM	1 <sup>st</sup> AVG	SOCI
2023-2024	3	2	3	3	3	3	3	2.5	3

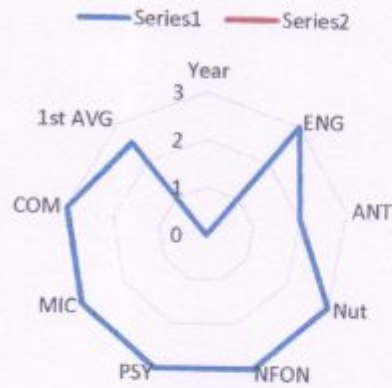
PPH	MSN-I	CHN-I	CET	2 <sup>nd</sup> AVG	MSN-II	CHN	MHN	Rese
2	3	3	3	2.6	3	3	0	-

3 <sup>rd</sup> AVG	MAG	CHN-II	MIDWI	REAS	4 <sup>th</sup> AVG	Attainment level
2	3	3	2	3	2.7	3

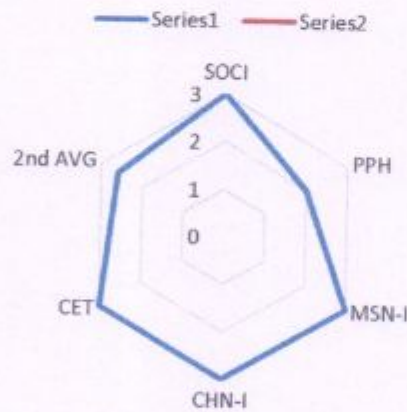
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**Programme Attainment Score 1<sup>st</sup>.B B.Sc.  
Nursing-2023-2024**



**Programme Attainment Score 2<sup>nd</sup>. B B.Sc.  
Nursing- 2023-2024**



*P. Achodekar*

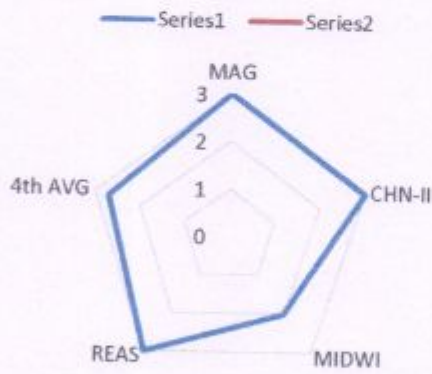
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**Programme Attainment Score 3<sup>rd</sup> .B B.Sc.  
Nursing-2023-2024**



**Programme Attainment Score 4<sup>th</sup> .B B.Sc.  
Nursing-2023-2024**




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**Program Attainment Score  
I PBBSc NURSING 2023-24**

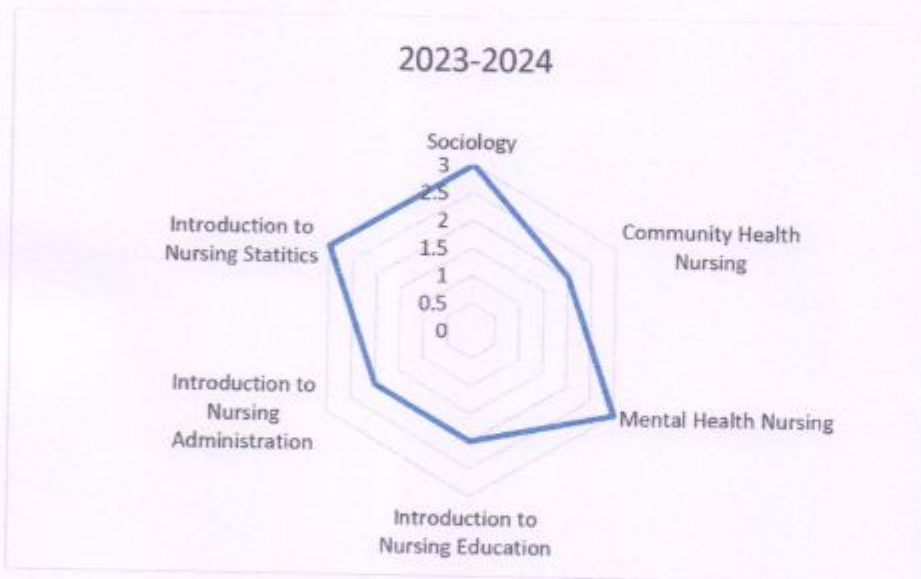
Year	Nursing Foundation	Nutrition & Dietetics	Biochemistry & Biophysics	Psychology	Microbiology	Maternal Nursing	Child Health Nursing	Medical & Surgical Nursing	Attain Level
2023-2024	3	2	3	2	2	3	2	2	2.7142857




  
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**Program Attainment Score  
II PBBSc NURSING 2023-24**

Year	Sociology	Community Health Nursing	Mental Health Nursing	Introduction to Nursing Education	Introduction to Nursing Administration	Introduction to Nursing Statistics	Attain Level
2023-2024	3	2	3	2	2	3	2.5



  
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## M.S.c Nursing

Year	CHN	EDU	ANP	MSN	MHN	OBGY	CHILD HEALTH NURSING
2023-2024	100	100	100	100	100	100	100

RESE	CHN	MHN	MSN	ADMI	OBGY	CHILD HEALTH NURSING	DISER	Attain Level
87	100	100	100	100	100	100	72	3

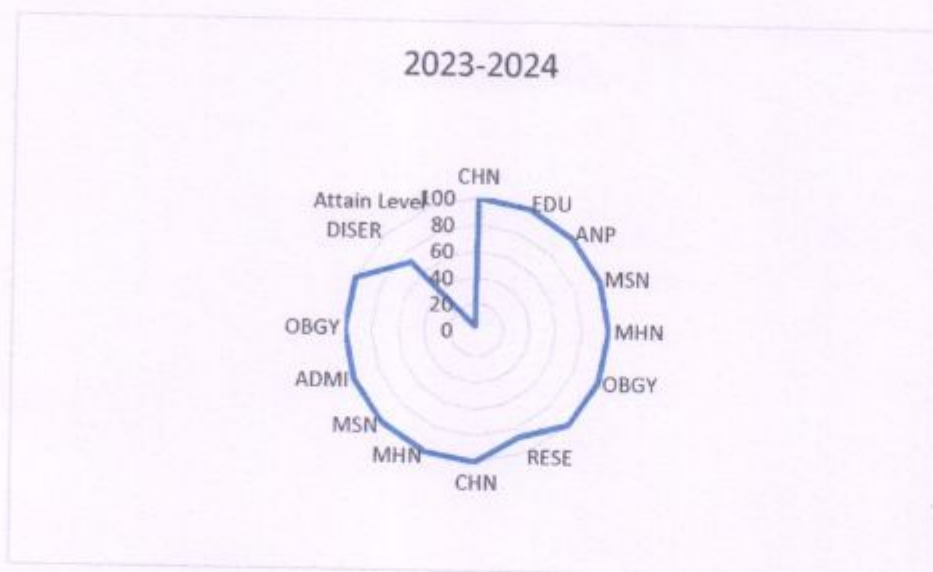
## Program Attainment Score

Year	CHN	EDU	ANP	MSN	MHN	OBGY	CHILD HEALTH NURSING
2023-2024	3	3	2	2	3	3	3

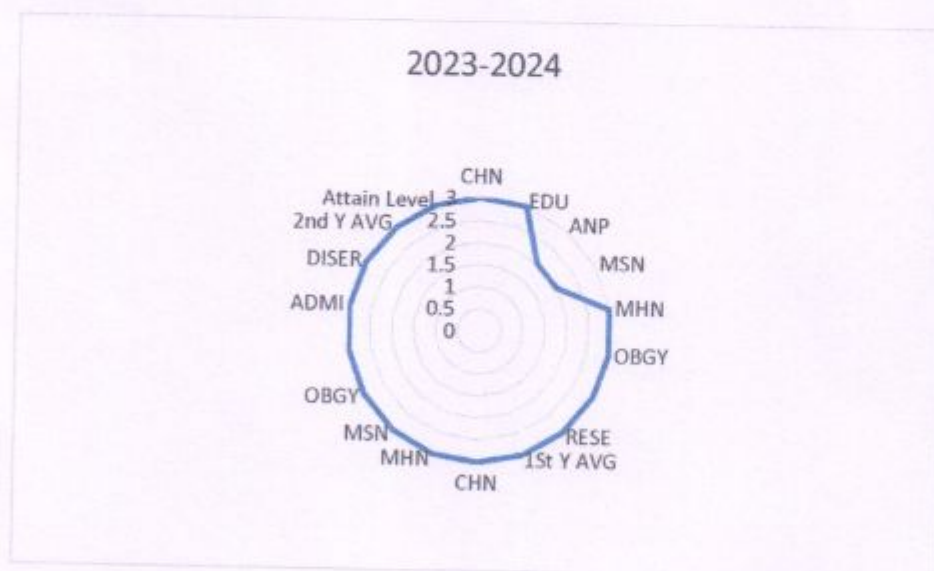
RESE	1st Y AVG	CHN	MHN	MSN	OBGY	CHILD HEALTH NURSING
3	3	3	3	3	3	3

ADMI	DISER	2 <sup>nd</sup> Y AVG	Attain Level
3	3	3	3

**Programme Attainment Score 1<sup>st</sup>.M.Sc. Nursing-2023-2024**



**Programme Attainment Score M.Sc. Nursing-2023-2024**



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